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2024-25 PARTS AND ACCESSORIES

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- Safely build more power
- Strengthen your driveline
- Get improved dependability
- Special oval track components

The sun drops below the horizon and the roar of engines fills the air as drivers battle for the win, leaving a cloud of dust in their wake. Open Wheel racing brings a unique thrill, which is why we have assembled this catalog with the most comprehensive selection of parts and gear in the industry, backed by our expert sales team and industry-leading customer service.

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Radiator *ALL30028*

Aluminum radiator with furnace-brazed tanks provides superior cooling in sprint applications. Features machined filler neck, 1-1/2" RH bottom outlet and (4) female top outlet ports for use with -10AN O-ring fittings. Radiator uses a smaller diameter cap (not included) such as ALL30124 or ALL30125. 20" wide x 22" tall x 2" thick. 9.7 lbs.

Cross-Flow Radiator (Chassis Mount) *ALL30030*

Aluminum radiator with a unique black thermal coating provides superior cooling! Built-in mounting brackets enable the radiator to be quick-turn fastened directly to frame tabs. Radiator with -10AN O-ring inlets and 1-1/2" outlet is 20-1/2" wide x 18-1/2" tall (including outlet neck) x 2-3/8" thick core. Recommended radiator cap is ALL30126 (28-32 lbs.), sold separately. Approximate weight 8.5 lbs.

Radiator Caps

ALL30124

Part No.	Pressure
Small Diameter Caps (1-5/8")	
ALL30124	14-18psi
ALL30125	18-22psi
ALL30126	28-32psi

Wall-Mount Radiator Holder Kit *ALL12216*

Brackets fasten to trailer wall and hold radiator safely in place during transport to avoid damage. Kit includes two 29" long aluminum brackets with adjustment holes at 2" increments and arms to fit radiator cores up to 2-1/4" deep. Adjustable arms are slotted for quick adjustment with included thumbscrew knobs to fit a variety of radiator heights.

Radiator Air Scoop for Sprint Car

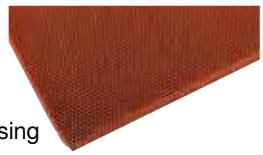
Scoop fastens around a tube or the front crossmember of most chassis to maximize airflow through the radiator, increasing cooling efficiency and at the same time, creating downforce. Black plastic scoop is a universal design that will fit a variety of cars and the aluminum scoop is designed for most raised rail cars. Scoop is commonly fastened to the chassis with quick-turn fasteners.

Part No.	Description
ALL23224	Plastic 22" x 11"
ALL23225	Aluminum 22" x 13"

Flat Front Air Box *ALL23226*

Box fits most sprint cars with 1" raised rail and is fabricated from .080" aluminum. Box measures 9-3/4" left side to 10-3/4" right side, with a total weight of 2.127 lbs.

Radiator Honeycomb *ALL30158*



Honeycomb screen mounts to front of radiator to protect fins/core from rocks and debris. Secure directly to radiator using ALL30085 mounting kit, sold separately. 19" x 26" x 1/2" thick.

Sprint Car Radiator Rock Screen *ALL30163*

Aluminum rock screen helps to protect radiators from heavy rocks and mud. Mounting tabs are integrated into the frame for quick and easy installation to a front air box. Measures 20-1/2" wide x 12" tall and weighs just under 1 lb. Quick-turn springs are included.

Aluminum Sprint Motor Plates

ALL38119

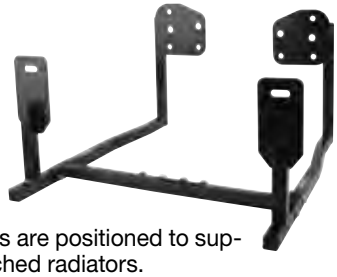
ALL38145

Front motor plates for SB Chevy are offered in one- and two-piece designs. One-piece versions mount using the lower front mounting holes. Two-piece sets use the lower front mount holes and the water pump mounting holes. All plates have 19-1/2" center-to-center chassis mounting holes. ALL38128 and ALL38145 plates come with bushings to allow for engine flex and help with weight transfer.

Part No.	Description	Finish	Thickness
ALL38118	1-Piece Solid Plate	Plain	3/8"
ALL38119	1-Piece Solid Plate	Black	3/8"
ALL38128	1-Piece Plate with Bushings*	Plain	3/8"
ALL38145	2-Piece Plate with Bushings†	Black	3/8"
ALL38130	Universal Mount	Plain	1/4"

**** Has built-in mount for Saldana tank mount bracket OTMB-1***
† Designed to work with ALL36092 and ALL36093 tank mounts

Sprint Engine Cradle *ALL10159*



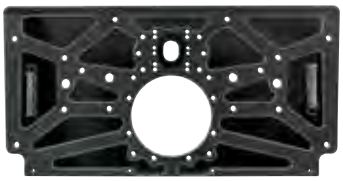
Cradle bolts to most stock-type and aftermarket SB Chevy blocks, including narrow pattern lightweight and standard bell housing bolt patterns. Slotted front mounts accept most frame width engine mounts. Provisions for standard wheel kits are positioned to support complete engines with attached radiators.

Bellhousing Dowel Pins

Steel dowel pins are approximately 1/2" longer than stock pins and are required when running an engine mid-plate, rear motor mounts, or an aftermarket bellhousing. These extended-length pins also help with alignment when installing an engine. Pins fit most GM blocks and are sold in pairs.

Part No.	Description
ALL38150	Solid Pins
ALL38152	Hollow Pins

Sprint Rear Motor Plate *ALL38126*



CNC-machined aluminum rear motor plate fits standard and raised cam engines, standard and raised rail cars, as well as newer style lightweight blocks. Multiple holes are drilled and tapped for mounting pumps and torque ball shield directly to motor plate instead of the housing. The top trailing edge of motor plate is grooved to eliminate obstruction with dash. 3/8" thick plate weighs 7.25 lbs.

Torque Ball Safety Blanket *ALL55220*

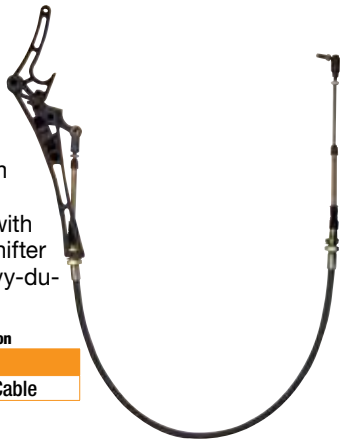
Fire-resistant safety blanket designed by Jason Meyers Racing protects driver's legs and feet in the event of a U-joint failure. Ballistic nylon covered blanket weighs just 1-1/2 lbs. and has quick-release adjustable straps that allow blanket to be removed easily for servicing torque ball and U-joint. Blanket includes two mounting brackets, mounting studs, nuts, and installation instructions.

Part No.	Description
Replacement Parts	
ALL55224	3/8" Mounting Stud Kit
ALL55226	Mounting Tabs, 1-Pair

Torque Tube Belt *ALL10181*

Universal strap keeps torque tube stabilized and centered in case of coupler or tube failure. Black, 3" wide belt fits all torque tube and chassis combinations.

Positive Cam Lock Shifter *ALL54135*



CNC-machined billet aluminum shifter clamps to the frame on driver's right. Designed for use with live axle shifter quick change. Shifter includes all steel hardware, heavy-duty cable, and quick-release end.

Part No.	Description
Replacement Part	
ALL54142	43" Long Cable

SB Chevy Gear Drive Assembly

Aluminum gear drive provides accurate cam timing and the ability to adjust valve timing without removing the oil pan. Aluminum frame features a built-in front oil pan gasket retainer and an idler gear cradle for accurate cam timing throughout the RPM range. Gear drives are complete with cam, crankshaft and idler gears, needle bearing thrust kits, offset degree bushing kit, extra-long dowel pins, and installation instructions. Gear drives are commonly used with ALL90080 and ALL90081 Billet Timing Covers or may be used with most stock-type covers such as the ALL90010 with slight modification.

Part No.	Description
ALL90000	Standard Cam Gear Drive
ALL90000	Standard Cam Gear Drive
ALL90100	Raised Cam Gear Drive (+.391")
Replacement Parts	
ALL90001	Cam Gear
ALL90002	Crank Gear
ALL90003	Idler Gear
ALL90004	Cam Plate Shims, 10-Pack.
ALL90005	Cam Degree Bushing Set
ALL90007	Thrust Washer Set

Billet Timing Covers

Machined billet aluminum timing cover is lightweight, durable, and weighs over 1 lb. less than cast aluminum covers. Fits major brand oil pumps. Mounting hardware included.

Part No.	Description
ALL90080	Standard Cam
ALL90081	Raised Cam

Aluminum Cam Seal Plates

Aluminum cam seal plate provides a reliable seal and tight fit.

Part No.	Size	Color	Application
ALL90085	2.103"	Black	GM Small Block
ALL90086	2.253"	Gold	Rodeck Block w/ 1.875" Roller Cam Bearing
ALL90087	2.310"	Blue	Most Blocks w/ 50mm Roller Cam Bearing
ALL90088	2.382"	Silver	Dart Small Block, Aluminum
ALL90089	—	—	Replacement Cam Plate Seal

Sprint Car Dry Sump Tank Mounting Brackets

Mounting brackets are designed to mount 6" diameter tanks to the left front corner of standard small block Chevy engines. Commonly mounted with ALL38145 sprint motor plate, the upper bracket utilizes the water pump mounting holes and the lower bracket fastens to the early front engine mount mounting hole.

Part No.	Description
ALL36092	Upper Tank Mount
ALL36093	Lower Tank Mount

Heating Pads

High-temperature silicone heating pads externally preheat oil in wet sump oil pans, dry sump tanks, and automatic transmission pans, reducing overall warm-up time and improving lubrication during initial start up. 3" cord, 120-volt operation. These are not thermostatically controlled, units will continue to heat as long as they are plugged in.

Part No.	Description
ALL76420	2"x15", Self-Adhesive Pad, 200W
ALL76422	5"x7", Self-Adhesive Pad, 375W
ALL76424	6"x12", Velcro Strapped Pad for 6" O.D. Tanks, 435W

WARNING! Do not plug heater in without being installed on tank or metallic surface to absorb heat. Element heats up quickly and damage will result.

Immersion Heaters

Immersion-style heater preheats oil in wet sump oil pan or dry sump tanks to reduce overall warm up time and improve lubrication during initial start-up. 5/8" diameter stainless steel sleeve inserts into pan or tank and secures with a welded on 1/2"NPT brass screw-in fitting. 120-volt operation. These are not thermostatically controlled; units will continue to heat as long as they are plugged in.

Part No.	Description
ALL76415	4-3/4" Long Heater Element w/ 3' Long Cord, 400W
ALL76416	7-1/2" Long Heater Element w/ 12" Long Cord, 250W

WARNING! Do not plug heater in without being installed in tank and submersed in liquid, element heats up quickly and damage will result.

Compact Electric Fuel Pump *ALL40320*

High-flow, low-pressure electric fuel pump equipped with a 5/16" inlet/outlet. The pump flows 18 gph at 4.0 psi, 5.5 psi maximum. Includes a rubber-padded mounting bracket and two heavy-duty hose clamps. Rated 12V/5 amps. Overall length is 5-1/2" x 1-1/2" wide.

Related Component	
ALL40322	2-Piece Mounting Bracket for 1-1/8" Tubing)

Down Nozzle Filter with Breather Ring *ALL40325*

Filters allow excess fuel to evacuate the injection lines once engine is shut down to help prevent fuel from entering the cylinders. Low-profile filter design reduces the chance of damage. Package of 8.

Nozzle Plugs *ALL40327*

Nozzle plugs take the place of the fuel nozzles when only running one set of injectors. Plugs feature 1/2"-20 threads and include a sealing O-ring. Package of 8.

Inline Fuel Filter without Element *ALL40246*

Black anodized, high-flow inline filter has -12AN ends. Choose correct bracket and mount to chassis tubing along fuel line. Overall length is 12" and outside diameter is 2". Filter flows enough fuel for any race car. Filter element sold separately.

Part No.	Description
Related Part	
ALL40222	Stainless Element (63 Micron)

Filter Fact: Filter element must be installed with the closed end and the spring toward the INLET end of housing. The open end faces the OUTLET.

Fuel Filter Brackets

Brackets mount Allstar inline aluminum fuel filters to round tubing and flat surfaces. Flush-mount bracket fastens to flat panels like a frame rail or firewall. A locking set screw holds filter in place. Sold each.

Part No.	Description
ALL40229	Fits 1-1/4" Tubing
ALL40227	Fits 1-3/8" Tubing
ALL40235	Flush Mount

Adjustable Fuel Cell Mounts *ALL55112*

Slotted mounts replace fixed weld-on brackets and clamp directly to 1-3/8" cross tube. Mounts have 1-1/4" long slots, allowing adjustment often needed to reach insert locations of flexed, ever-changing fuel cell shapes and can be rotated for easy fuel cell mounting. Machined aluminum, black anodized mounts weigh .35 lbs. each. Package of 2.

Titanium Fastener Kit for Fuel Tank Top Plate *ALL17008*

Kit includes twelve 1/4"-28 x 7/8" button style socket head fasteners to replace the standard bolts securing the top plate to the bladder on most Fuel Safe and ATL sprint fuel cells. Kit weighs less than 45 grams.

Body Reinforcing Plates

Plates help protect fiberglass and aluminum panels from cracking when using 7/16" quick-turn fasteners. Stainless steel plates are precision stamped with a strengthening border, attach with 1/8" rivets, and measure 2" wide x 1" tall.

Part No.	Description
ALL18985	Clear Finish, 10-Pack
ALL18985-50	Clear Finish, 50-Pack
ALL18986	Black Finish, 10-Pack
ALL18986-50	Black Finish, 50-Pack

Coated Braided Steel Lines

Black coated braided steel lines have black aluminum ends. Choose #2 or #3 line in straight/straight or straight/90° configurations. Lengths stated are overall, end-to-end.

Length	#2 Line Two -3 Straight	#3 Line Two -3 Straight	#3 Line -3 90° and -3 Straight
6"	ALL48385	ALL48387	ALL48413
9"	ALL48386	ALL48388	ALL48414
12"	ALL48371	ALL48361	ALL48415
15"	ALL48372	ALL48362	ALL48416
18"	ALL48373	ALL48363	ALL48417
21"	ALL48374	ALL48364	ALL48418
24"	ALL48375	ALL48365	ALL48419
30"	ALL48376	ALL48366	ALL48420
36"	ALL48378	ALL48368	ALL48422
48"	ALL48379	ALL48369	ALL48423
60"	ALL48380	ALL48370	ALL48424
73"	ALL48383	ALL48382	ALL48425

Quick Disconnect Couplings

2-piece couplings allow lines to be separated without loss of fluid or requiring bleeding. Commonly used on brake systems when changing front or rear axle assembly, hydraulic wing cylinders, a hydraulic clutch system using a hydraulic throw out bearing, or when servicing a transmission with an internal hydraulic clutch.

Part No.	Description
ALL50215	Steel Coupling with 1/8"NPT Female Threads
ALL50212	Alum. Coupling with -3AN Male Threads
ALL50213	Alum. Coupling with -4AN Male Threads
ALL50209	Premium Coupling Fitting with -3AN Male Threads

Adjustable Nose Wing Posts

Clamp-on style angled aluminum mounts fasten around 1-1/2" torsion bar tubes, providing adjustability to front wing posts.

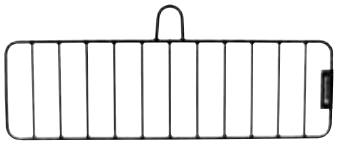
Part No.	Description
Steel	
ALL55100	Aero Post LH
ALL55101	Aero Post RH
Aluminum	
ALL55106	Post Straight, 13" Long
ALL55102	Mount for ALL55100 Aero Post LH
ALL55103	Mount for ALL 55101 Aero Post RH
ALL55107	Mount for ALL55106 Post

Fixed Nose Wing Posts

Fixed posts have a 1" O.D. to fit into pinch clamp spuds welded to torsion bar tubes on most chassis. Bent tubes are angled forward to mount the front wing forward, adding increased down force.

Part No.	Description
Aluminum	
ALL55105	Bent
ALL55106	Straight
Steel	
ALL55108	Bent, Aero with Round Tube
Stainless Steel	
ALL55110	LH Sideboard Mount
ALL55111	RH Sideboard Mount
Titanium	
ALL55125	Bent
ALL55126	Straight

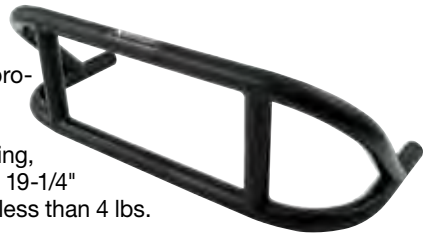
Rock Screens



Steel screen mounts to chassis, providing driver added protection from rocks and debris. Black powder-coated screen is 7-1/2" tall with 2" wide slots. Approximately 1.60 lbs.

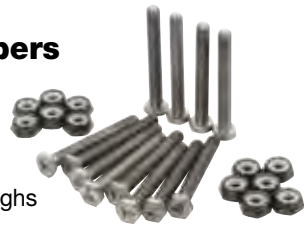
Part No.	Description
ALL30165	Sprint Car, 25" Long
ALL30166	Mini Sprint, 23-3/4" Long

Sprint Stacked Front Bumper
ALL22300



Stacked front bumper for improved front end protection is precision bent from steel or aluminum tubing, 1" O.D. steel tubing, 6" tall x 8" long overall x 19-1/4" wide on center. Weighs less than 4 lbs.

Titanium Bolt Kit for Nerf Bars and Bumpers
ALL17016



Kit includes twelve 10-32 x 1-1/2" bolts with nylon locking half nuts. Kit includes enough fasteners for bumpers and side nerf bars. Kit weighs less than 50 grams.

Tool Tray
ALL14170

Tool tray measures 12" x 18" x 3", with hooks on one side to fasten to race car nose or sprint/midget front wing and 6" stands on the opposite side so tray will sit level. Tray has 16 holes for spark plug and nozzle holder use.

Nose Wing Wall Mount Brackets
ALL12214

Brackets attach to the side of trailer wall to hold a spare sprint car front nose wing safely in place. Powder-coated aluminum brackets feature slotted arms that are fully adjustable to accommodate a variety of nose wing shapes and sizes. Sold in pairs with retention straps to keep wing secure.

Wing Caps

Prevent rock and debris from damaging the leading edge of many popular sprint car wings with a protective cap.

Part No.	Description
ALL23220	Top Wing Cap, 60" Long, High-Impact Plastic
ALL23222	Front Wing Cap, 36" Long, High-Impact Plastic
ALL23221	Top Wing, 60" Long, Carbon Fiber
ALL23223	Front Wing, 36" Long, Carbon Fiber

Manual Wing Adjuster *ALL48004*

Manual wing adjuster is for sprint car top wings when rules do not permit the use of hydraulic cylinders. Aluminum slider includes 3/8"-24 steel rod ends and is adjustable from 20" to 32" center-to-center in 1" increments with included 1/4" locking pin. Weighs less than 1 lb.

Hydraulic Wing Cylinders

Strong hydraulic wing cylinders have an aluminum body which houses a steel piston and pushrod assembly. Available in 10" and 12" length.

Part No.	Description
ALL48000	10"
ALL48002	12"

Titanium Studs for Wing Cylinders

Single stud used to mount the wing cylinder to the chassis or wing tree. Stud has 3/8"-24 threads for mounting most cylinders. Mounting nuts not included. Sold each.

ALL17036

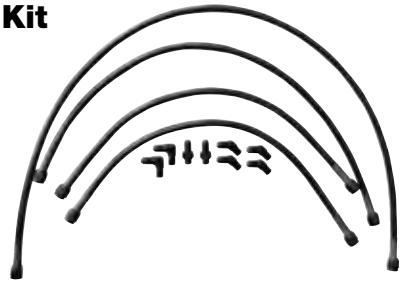
ALL17038

Part No.	Description
ALL17036	5/16"-24 x 3/8"-24 x 1.640" Stud
ALL17038	3/8"-24 x 3/8"-24 x 1.600" Stud

Garrett Saunders

Photo by: JohnnyB Imagery

Sprint Wing Line Kit
ALL48006



Kit includes light-weight, coated stainless steel braided lines and aluminum fittings to help simplify plumbing of KSE Gen2 steering gear and wing cylinder. Kit includes (2) #4 slider lines (22" long and 36" long), (2) #4 pressure and return lines (18" long), (4) 45° -4AN to 1/8"NPT valve fittings, (2) 90° -4AN to 1/8"NPT cylinder fittings, and (2) high-flow -3AN ORB to -4AN fittings.

Top Wing Trees

Wing trees have an "X" design for lateral and horizontal strength. Available in 16" and 18" tall versions, each tree is adjustable and will extend up to 6" with adjustment holes located at 1" increments. 16" trees are ideal for X wedge cars to keep the back of the top wing lower while providing optimal top wing tilt at high-speed tracks. 4130 chrome moly 3/4" x .060" tube construction. Wing trees are 26" wide at the top and have a min/max bottom width of 25-3/4" to 26-1/2". Adjuster pins not included.

Part No.	Description
Black	
ALL55130	16" (Extends to 22")
ALL55132	18" (Extends to 24")
Plated	
ALL55131	16" (Extends to 22")
ALL55133	18" (Extends to 24")
Related Parts	
ALL17028	Titanium Adjuster Pins, (1-Pair)
ALL55134	Top Wing Tree Slider, Black
ALL55135	Top Wing Tree Slider, Plated

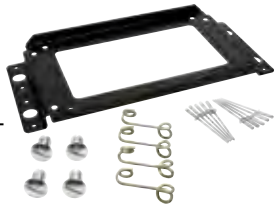
Titanium Top Wing Pin Kit
ALL17028

Kit includes two pins with locking clips for adjusting wing tree height.

Tel-Tac Mount *ALL81332*

Aluminum mount accepts Tel-Tac digital tachometers and recesses into a dash for clean, finished look. Mount attaches to backside of dash with quick-turn fasteners (buttons sold separately) for simple tachometer removal and installation.

MSD/FAST Ignition Box Mount
ALL81330



Box mount provides a quick-release method for replacing MSD or FAST ignition boxes with 7-1/2" x 3-1/2" or 4-1/8" x 6-1/2" center-to-center mounting dimensions. Kit includes aluminum box mount, (4) quick-turn fasteners, springs, and 1/8" aluminum rivets.

Heel Riser

Aluminum heel risers are pre-drilled for easy mounting and include a non-skid pad. 4-1/2" wide.

Part No.	Description
ALL54090	1" Tall Riser
ALL54091	1-1/2" Tall Riser

Heel Riser Rest
ALL54092

Aluminum bracket is 1" tall and rivets to heel risers to help keep foot in place on the riser.

Sprint Car Throttle Pedals

Pedals fit most sprint chassis with pivot spud welded on frame rail.

ALL54094

ALL54095

Part No.	Description
ALL54094	Titanium
ALL54095	4130 Chrome Moly

Throttle Bell Cranks

Designed for Sprint car applications, each bell crank is fitted with a pressed 1/4" I.D. bearing for smooth throttle operation and has optional locations for connecting push rods of various lengths. Typically two are required to complete an application. Option holes on each crank are .188" and spaced 3/8" apart.

Part No.	Description
ALL54150	Arms Set 75° Apart, 35 Grams
ALL54152	Arms Set 70° Apart, 40 Grams

Quick-Release Throttle Cable Ends

Quick-release ends are used when a throttle connection needs to be removed and installed often. Steel housing has a spring-loaded release to keep housing secure to pivot ball.

Part No.	Description
ALL54147	#10-32 With #10-32 and 1/4"-28 Studs
ALL54149	1/4"-28 with 1/4"-28 Stud

Chrome Moly Brake Pedal *ALL41033*

Lightweight sprint car brake pedal is fabricated from 1" O.D. x .040" 4130 chrome moly tubing then black powder coated. Pedals provide optimal feel due to a knurled no-slip, extra-grip foot rest. Universal-fit pedal works with most sprint car raised rail chassis. 1-1/2" heel block is recommended for proper heel-to-pedal spacing.

Titanium Brake Pedals

High-strength titanium brake pedal is manufactured from 1" diameter tubing. Knurled pattern on 5" wide pedal helps keep foot in place. Approximately .55 lbs.

Part No.	Description
ALL41031	Standard Rail, 17" Long Overall
ALL41032	Raised Rail, 16" Long Overall

Left Front Caliper Mount

Machined aluminum mount keeps the caliper true and straight for maximum braking power. Bolts included.

Part No.	Description
Plain	
ALL55070	Mount for 10-7/8" Rotor
ALL55072	Mount for 10-1/8" Rotor
Black	
ALL55071	Mount for 10-7/8" Rotor
ALL55073	Mount for 10-1/8" Rotor

Sprint Knee Guard *ALL55230*

Ultra-light aluminum knee guard designed by Jason Meyers Racing works great for protecting knees from banging against half box steering gears and provides a comfortable leg support when throttling through corners. Fire retardant, high-impact, dense rubber padding is covered with self-extinguishing cloth for added safety. Guard fastens to the half box mount (not the box) by drilling and bolting or riveting and is held in place with safety wire or a wire tie.

Knee Guard Mount *ALL55232*

Aluminum mount with 2" I.D. fastens around KSE sprint steering box tube to help secure most popular knee guards. Sold each.

Pitman Arms

Pitman arms for popular 48-spline boxes are manufactured from 2024 aluminum and feature two drag link mounting points with 1/2"-20 threads. Angle-broached arms provide the extra offset needed on today's short steering boxes for header clearance.

Part No.	Description
Black	
ALL55030	Angle Broach, 15°
ALL55032	Straight
Clear	
ALL55031	Angle Broach, 15°
ALL55033	Straight

Drag Link/Tie Rod

1-1/8" sprint car steering rods are made from 4130 chrome moly .065" wall tubing. Rods have 5/8" threads and a tapered threaded end.

Length	Black Powder Coated	Plated
46"	ALL55932-46	ALL55933-46
47"	ALL55932-47	ALL55933-47
48"	ALL55932-48	ALL55933-48
49"	ALL55932-49	ALL55933-49
50"	ALL55932-50	ALL55933-50
51"	ALL55932-51	—

Drag Link Tether *ALL10252*

Keeps drag link tethered to the chassis if it becomes disconnected. Tethering of drag link is required by most sanctioning bodies. 24"L x 1"W, woven nylon.

Front Axles

Lightweight .095" wall 4130 chrome moly front axles measure 50" x 2-1/2" with 9° and 12° kingpin angles for excellent driver feel and are precision built for quality and accuracy. Axle king pin bosses are shipped factory reamed for easy installation and also feature threaded Panhard bar stud and shock mounts. Available in black powder-coated or chrome-plated finish.

Part No.	Description
ALL55170	Black
ALL55171	Chrome

Aluminum Steering Arms

Arms are strong and solid for rough tracks and fit 3-1/4" spindles. Combo arm has a 1" lead.

ALL55058

ALL55060

ALL55062

Part No.	Description
ALL55062	Steering Arm RH
ALL55060	Combo Steering Arm LH, Solid
ALL55058	Combo Steering Arm LH

Titanium Steering Stud Kit

ALL17026

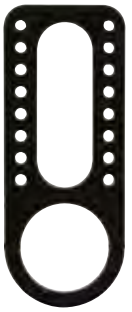
Kit includes four studs with nylon locking half nuts that thread into steering and Pitman arms with 1/2"-20 threads for properly mounting steering links.

Aluminum Steering Box Mounts

Steering mounts are manufactured from 2024 aluminum with a black anodized finish, and are offered in three versions. Rigid design keeps steering gear in place.

ALL52114

ALL52115


ALL52116

Part No.	Description
ALL52114	Mount with Fuel Shut-Off for MPD Valves
ALL52115	Mount with Fuel Shut-Off for Waterman Valves
ALL52116	Long Mount

Half Box Steering Gear Mount

ALL52113

Mount is designed for quick installation and removal of the steering gear box. Three hex-cut slots eliminate the need to remove snap ring and end cap and allow the steering box to slide easily into place. CNC-machined from 3/8" thick 2024 aluminum for strength, yet only weighs .60 lbs.

Power Steering Lines

Assembled lines for power steering have -6AN ends and are compatible with high-pressure pumps found in today's sprint cars where standard hose and fittings cannot be used. Lines are lightweight yet strong, weighing less than a standard high-pressure hose assembly. Plumbing is perfect for connection of KSE steering gear to pump. 13-1/2" long.

ALL48260

Part No.	Description
ALL48260	Line with Steel Ends and Protective Wrap
ALL48261	Line with Aluminum Ends

Power Steering Supply Line

ALL48262

Gen2 supply line has a 90° -10AN and a straight -10AN aluminum fitting for a precise fit to the KSE Gen2 steering gear. New style hose is very flexible, and will not collapse under suction. Total overall length including fittings 9".

Weld Bung for Sprint Car Seat Belts

ALL98125

Bung welds into tubing up to 1-3/8" to convert wraparound-style seat belts to bolt-in ratchet-style belts. Shoulder allows belt to pivot as needed and accepts 3/8" seat belt mounting hardware.

Sprint Aluminum Torsion Arms

Manufactured from 2024 aluminum, arms are exceptionally strong and will not flex.

ALL55000

ALL55010

ALL55004

ALL55012

ALL55002

ALL55036

ALL55005

ALL55034

Part No.	Description
ALL55000	Front Left
ALL55002	Front Left S-Bend*
ALL55004	Right Clear
ALL55005	Right Angle Broach
ALL55010	Left
ALL55012	Right
ALL55034	XP Left**
ALL55036	XP Right**

**** S-Bend Provides Added LF Tire Clearance***
***** For Use with XP Birdcages Only***

HD Billet Rear Torsion Arms

Heavy-duty billet aluminum arms have a high resistance to twisting, ensuring a straight rear end while eliminating inconsistent spring rates. LR arms are approx. 3.05 lbs. RR arms are approx. 2.90 lbs. Pinch bolt included.

Part No.	Description
ALL55014	Left
ALL55016	Right

Titanium Pinch Bolt Kit for Torsion Arms and Pitman Arms *ALL17032*

Kit includes five bolts to replace standard 3/8"-24 x 1-7/8" hardware found in most torsion and Pitman arms. Bolt kit weighs less than 90 grams.

Torsion Arm Stops

Stops are available in 1-3/4" or 2" split and are offered in aluminum, 4340 steel, or titanium. Steel stops include a 9/16" bolt and nut. 2024 grade aluminum stops include a grade eight bolt with 5/8" head and an aluminum jam nut. Titanium stops include a titanium bolt with 5/8" head and an aluminum jam nut.

ALL55020

ALL55024

ALL55027

Part No.	Description
1-3/4" Split Stops	
ALL55020	Aluminum, Black
ALL55024	Titanium
ALL55028	Steel, Black
2" Split Stops	
ALL55022	Aluminum, Black
Related Parts	
Titanium Torsion Arm Stop Bolts with Nut	
ALL55027	7/16"-20 with 9/16" Head

Titanium Torsion Arm Stop Adjuster Bolt Kit *ALL17034*

Kit includes four 7/16"-20 stop adjuster bolts with 9/16" heads to replace or upgrade standard hardware found in torsion arm stops. Kit weighs less than 80 grams.

Torsion Arm Stop Kit

Kits hold torsion arm and stop in place if pinch bolts loosen or breakage occurs.

Part No.	Description
ALL10730	Clear
ALL10731	Black

Torsion Bar Bushings

Performance-tested anti-friction nylon bushings are stepped to minimize binding of the torsion bar. Durable, lightweight material offers increased wear resistance, allowing for longer part life, decreased mating component wear, and less down time!

Part No.	Description
ALL55140	Sprint 1-1/8" I.D. for .095" Wall Tubes, Each
ALL55140-10	Sprint 1-1/8" I.D. for .095" Wall Tubes, 10-Pack
ALL55150	Midget, Each
ALL55150-10	Midget, 10-Pack
ALL55160	Mini Sprint, Each

Shock Bump Rubbers

Conical shaped bump rubbers fit on most shock shafts up to 16mm to limit shock travel. Bump rubbers are 2-3/8" tall and have a 2" O.D. base. A letter designation is molded in the bottom to identify compound.

Part No.	Description
ALL64500	Soft (40 grams)
ALL64501	Medium (50 grams)
ALL64502	Hard (55 grams)

Shock Protectors

Shock protectors add extra protection from rocks and debris to your shock body. 11" tall plastic protector simply snaps onto your shock body. May need to be cut to length. Sold each.

Part No.	Description
ALL64202	2" Standard Body Shocks
ALL64203	1-5/8" Small Body Shocks

Ride Height Blocks

Chassis set-up blocks are adjustable in 1/4" increments. A quick-release pin holds block at desired height. Bottom surfaces of blocks are contoured to fit steel tubing or any flat surface and have magnets for holding block to chassis. Short blocks adjust 1.75"-4". Tall blocks adjust 3"-6". Package of 2.

Part No.	Description
ALL10720	Short
ALL10721	Tall

Adapters Cups for Ride Height Blocks *ALL10722*

Adapters replace the standard flat pad on set up blocks and are machined to cradle axle tubes during chassis set-up. Package of 2.

Cradle Rollers for Ride Height Blocks *ALL10723*

Built-in rollers allow live axle rear-ends to rotate while on the cradles or when using the rear axle to rotate the engine to check or adjust the valve train. Package of 2.

Chassis Dollies *ALL10625*

Steel chassis dollies allow a car or chassis to be moved around the shop easily and safely. Each dolly measures 30" across the top with high-density rubber pads and a single wheel brake to help prevent rolling. Dollies adjust from 13" to 19" high with a removable 1" block on one side for use on sprint cars with a raised rail chassis. Stands also collapse flat for storage in shop or trailer. Dollies are rated up to 2,000 lbs. per set and sold as a pair.

Aluminum Birdcages

Single-bearing birdcages have replaceable components and are fitted with grade 8 hardware.

Part No.	Description
ALL55040	Left
ALL55042	Right

XP Aluminum Birdcages

Center-pull birdcages are one of the most innovative cages. XP cages eliminate bind on the bearing and reduce drag, allowing for better weight and horsepower transfer. Must be used with XP rear torsion arms.

Part No.	Description
ALL55038	Left
ALL55039	Right
Related Parts	
ALL55034	XP Torsion Arm Left Black
ALL55036	XP Torsion Arm Right Black

Non-Wing Aluminum Birdcages

Non-wing single-bearing birdcages have lowered rear arm connectionvpoints, replaceable components, and are fitted with grade 8 hardware.

Part No.	Description
ALL55044	Left
ALL55046	Right

XP, Standard, and Non-Wing Birdcage Replacement Components

Part No.	Description
ALL55050	Brake Mount RR Steel
ALL55051	Flag
ALL55052	Spud
ALL72336	28mm Bearing
ALL55054	Spirolox
ALL55055	Arm Bolt
ALL55056	XP Arm Bolt

ALL55051

ALL55052

Birdcage Bearings

ALL72336

Replacement bearings for Allstar birdcages and many other brands.

Part No.	Description
ALL72336	28mm Wide
ALL72338	32mm Wide

Runout Checker *ALL96440*

Fixture provides an easy way to check for bent torque tubes, drive shafts, torsion bars, or radius rods, and measures 16-1/2" overall.

Rods Ends

ALL58060 ALL58089

Two-piece spherical rod ends have a pivoting steel ball and are sold each.

Bore x Thread	RH Male	LH Male	Strength
Pro Series Steel (Moly) – Black			
5/8" x 5/8"-18	ALL58060	ALL58070	18,000 lbs.
Aluminum – Black			
1/2" x 5/8"-18	ALL58089	ALL58099	15,000 lbs.

Thin O.D. Jam Nuts

Specialty jam nuts have smaller outside diameters, allowing smaller wrenches to be used when changing radius rod lengths. Package of 4.

Thread Size	Wrench Size	Steel	Aluminum	Black Aluminum
5/8"-18 RH	3/4"	ALL18292	ALL18296	ALL18286
5/8"-18 LH	3/4"	ALL18293	ALL18297	ALL18287

Steel Radius Rods

7/8" O.D. steel radius rods are .083" wall tubing and have 5/8"-18 threads.

Part No.	Description
ALL57188	22"
ALL57190	23"

Titanium Radius Rod Stud Kit *ALL17020*

Kit includes six 1/2-20 x 3-1/4" long (2" and 1" UHL) double-sided studs that install into the chassis providing a secure mounting point for radius rods in most chassis. Kit includes black plated steel nylon locking half nuts for securing studs and radius rods to chassis.

Part No.	Description
Individual Components	
ALL17020-1	Stud with Locking Nuts
ALL17048	1/2"-20 Black Half Nuts, 10-Pack

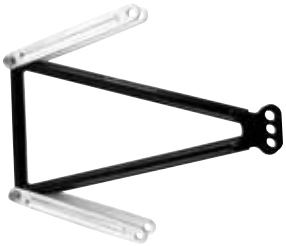
Aluminum Radius Rods

1-1/8" diameter aluminum radius rods are built from .156" wall tubing and have 5/8" threads to fit most sprint cars and midgets.

Length	Black Anodized	Polished
18"	ALL56806-18	ALL56807-18
18-1/2"	ALL56806-185	ALL56807-185
19"	ALL56806-19	ALL56807-19
19-1/2"	ALL56806-195	ALL56807-195
20"	ALL56806-20	ALL56807-20
20-1/2"	ALL56806-205	ALL56807-205
21"	ALL56806-21	ALL56807-21
21-1/2"	ALL56806-215	ALL56807-215
22"	ALL56806-22	ALL56807-22
22-1/2"	ALL56806-225	ALL56807-225
23"	ALL56806-23	ALL56807-23
23-1/2"	ALL56806-235	ALL56807-235
24"	ALL56806-24	ALL56807-24
24-1/2"	ALL56806-245	ALL56807-245

Chrome Moly Jacobs Ladders

Jacobs Ladder is constructed of 4130 chrome moly with aluminum straps. Grade 8 bolts, nylon locking nuts, and AN flat washers are included. Approx. 2 lbs.



Part No.	Description
ALL55080	13-1/4"
ALL55081	13-5/8"
ALL55082	14"
ALL55084	12-1/4" Adjustable
ALL55085	13-1/4" Adjustable
ALL55086	13-5/8" Adjustable
ALL55087	14" Adjustable
Replacement Part	
ALL55090	Strap

Titanium Jacobs Ladders

Titanium Jacobs Ladder is completely assembled with aluminum straps, titanium bolts, mechanical lock nuts, and AN flat washers. Titanium ladders are 1/2 lb.+ lighter than 4130 steel ladders and weigh only 1-1/2 lbs.

Part No.	Description
ALL55077	13-1/4" Small
ALL55078	13-5/8" Medium
Replacement Part	
ALL55090	Strap

Carbon Fiber Jacobs Ladder Cover

Protect the rear axle from rock chips and other debris. Real carbon fiber cover is strong yet lightweight and attaches to all Jacobs Ladders with existing bolt or pin (not included).

Part No.	Description
ALL55091	3/8"
ALL55092	1/2"

Jacobs Ladder Pin Kits

Pin kits offer a quick option for changing out a Jacobs Ladder. Kits include (2) 3/8" x 3-3/4" long strap pins, (1) 3/8" or 1/2" x 1-1/2" long pin for birdcage rod end, (3) clips, and (2) springs that help keep the ladder free.

Part No.	Description
ALL55093	3/8" Steel
ALL55095	3/8" Titanium
ALL55094*	1/2" Steel
ALL55096*	1/2" Titanium
Replacement Parts	
ALL55097	3/8" Clip
ALL55098	1/2" Clip
ALL55099	Spring
**** Used with Allstar Jacobs Ladders***	

Jacobs Ladder Installation Kit *ALL17012*

Installation kit includes a titanium pin kit and strap mounting hardware for quickly changing out a Jacobs Ladder. A 1/2" birdcage rod end pin for use with most popular Jacobs Ladders is also included.

Titanium Fastener Kit for Beadlock *ALL17000*

Kit includes (16) 5/16"-18 x 1" long bolts to reduce rotating weight over standard fasteners. These fasteners work with most beadlock wheels and weigh a total of 114 grams. ***Note: Kit will not work with Sander Engineering beadlock wheels.***

Titanium Fastener Kit for Front Hub *ALL17004*

Kit includes (5) 3/8"-16 x 1-1/4" smooth head fasteners with a built-in hex for securing into hub and (5) shoulder nuts. Fasteners weigh a total of 90 grams.

Titanium Fastener Kit for Fuel Pump *ALL17006*

Kit includes (3) 1/4"-20 x 1/2" mounting fasteners and (1) 1/4"-20 x 1" long pinch bolt with an extended head for easy adjustments. Fastener kit fits most Waterman or Kinsler style pumps and weighs less than 15 grams.

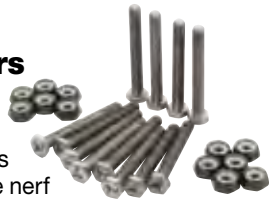
Titanium Fastener Kit for Fuel Tank Top Plate *ALL17008*

Kit includes (12) 1/4"-28 x 7/8" button style socket head fasteners to replace the standard bolts securing the top plate to the bladder on most Fuel Safe and ATL sprint fuel cells. Kit weighs less than 45 grams.

Titanium Stud Kit for Headers
ALL17010

Kit includes (14) studs with 3/8"-24 thread on one end, 3/8"-16 thread on the opposite end, and 12-point steel shoulder nuts to work with most headers. Overall stud length is approx. 1-1/4". Kit weighs a total of 185 grams.

Titanium Fastener Kit for Nerf Bars and Bumpers
ALL17016



Kit includes (12) #10-32 x 1-1/2" bolts with nylon locking half nuts. Kit includes enough fasteners for bumpers and side nerf bars. Kit weighs less than 50 grams.

Titanium Shock Stud Kit for Frame Boss and Spuds

Shock stud kits include (4) studs and nylon locking half nuts to mount shock to chassis or front axle. Studs have 1/2"-20 threads that thread directly into pre-threaded bungs.

Part No.	Description
ALL17022	Stud Kit for 1/2"-20 Threaded Bungs
ALL17048	Black Half Nuts 1/2"-20, 10-Pack

Titanium Shock Studs for Rear Torsion Arms *ALL17024*

Shock stud kits include (2) studs with large support cones and (4) nylon locking half nuts to mount shock to most rear torsion arms. Studs and nuts weigh less than 50 grams.

Titanium Steering Stud Kit
ALL17026

Kit includes (4) studs with nylon locking half nuts that thread into steering and pitman arms with 1/2"-20 threads for properly mounting steering links.

Black Half Nuts *ALL17048*

Black plated steel 1/2"-20 nylon lock nuts are grade 8 and a lightweight option to keep fasteners in place. Package of 10.

Titanium Pin Kit for Top Wing
ALL17028

Kit includes (2) pins with locking clips for adjusting wing tree height.

Titanium Studs for Wing Cylinders

ALL17036

ALL17038

Single stud used to mount the wing cylinder to the chassis or wing tree. Stud has 3/8"-24 threads for mounting most cylinders. Mounting nuts not included. Sold each.

Part No.	Description
ALL17036	5/16"-24 x 3/8"-24 x 1.640" Stud
ALL17038	3/8"-24 x 3/8"-24 x 1.600" Stud

Titanium Stud Kit for Torque Tubes
ALL17030

Kit includes (6) 3/8"-24 x 3/8"-16 studs with 12-point steel nuts to secure torque tube to rear end housing. Kit weighs about 100 grams.

Titanium Pinch Bolt Kit for Torsion Arms and Pitman Arms
ALL17032

Kit includes (5) bolts to replace standard 3/8"-24 x 1-7/8" hardware found in most torsion and pitman arms. Bolt kit weighs less than 90 grams.

Titanium Bolt Kit for Torsion Arm Stop Adjuster
ALL17034

Kit includes (4) 7/16"-20 stop adjuster bolts with 9/16" heads to replace or upgrade standard hardware found in torsion arm stops. Kit weighs less than 80 grams.

Sprint Wheel Cover Bolt Kits

ALL44266

Kit includes 5/16"-28 bolts, 1-3/8" spread aluminum insert plates with steel threaded inserts, e-clips to keep bolts on the wheel cover, and rivets. Package of 3.

Part No.	Description
ALL44265	Stainless Steel
ALL44266	Titanium
ALL99420	Replacement E-Clips, 12-Pack

Linden Jones — Photo by: JohnnyB Imagery

Brian Ruhlman — Photo by: JohnnyB Imagery

Aluminum Sheets

Aluminum sheets are .040" thick and available in most popular colors. Sheets with single-sided colors have a white painted backside and all sheets have a removable protective film on one side to resist scratches.

ALUMINUM AND DIAMOND PLATE SHIPPED FREIGHT TRUCK, 25 SHEET MINIMUM AND SURCHARGE FOR A SHIPPING PALLET.

Part No.	Description
4' x 10' (120")	
ALL22200	Plain†
ALL22201	Chrome on Chrome (Bright Clear)§
ALL22202	White
ALL22203	Xtreme Red
ALL22204	Red
ALL22209	Red on Red
ALL22206	Gloss Black
ALL22207	Black on Black, Gloss
ALL22208	Flat Black
ALL22219	Black on Black, Flat
ALL22210	Shell Gray (Medium)
ALL22211	Xtreme Green
ALL22212	Pepsi Blue (Light)
ALL22213	Chevron Blue (Medium)
ALL22205	Chevron Blue on Chevron Blue (Medium)
ALL22214	Heron Blue (Dark)
ALL22215	Orange
ALL22244	Vibrant Orange
ALL22216	Yellow
ALL22218	Yellow on Yellow
ALL22217	Xtreme Purple
ALL22245	Silver Metallic
4' x 10'-6" (126")	
ALL22480	White on White
ALL22482	Black on Black, Gloss
ALL22488	Black on Black, Flat
ALL22484	Red on Red
ALL22486	Chevron Blue on Chevron Blue (Medium)

† Plain finish on both sides
§ Bright clear on both sides
(side with protective film has chrome appearance)

Painted Sheet Steel *ALL22243*

White painted 24-gauge (.024") steel is lightweight and perfect for building interiors in racing classes that require steel panels or when filling holes in firewalls or floor pans. 4' x 10' sheet is painted on both sides and one side has a removable protective film to help prevent scratches during handling.

Plain Sheet Steel

Sheet steel is cold rolled with a plain finish, making it great for metal fabrication and restoration projects. Sheet steel has many uses including constructing or repairing body panels and filling holes in firewalls or floor pans. Sheets are 4' x 8'.

Part No.	Description
ALL22234	18-Gauge (.048")
ALL22233	20-Gauge (.036")
ALL22242	24-Gauge (.024")

Aluminum Panels

Universal panels have many uses around the shop or at the track. Panels work well when fabricating spoiler sides, interior panels, or on uneven pit areas as a floor jack plate. 24" x 48".

Part No.	Description
ALL22236	0.063" Thick
ALL22237	0.090" Thick
ALL22238	0.125" Thick

Diamond Plate Aluminum *ALL22240*

4' x 8' sheets are .063" thick and provide an attractive, shiny, non-slip finish for trailer floors, steps, etc.

ALUMINUM AND DIAMOND PLATE SHIPPED FREIGHT TRUCK, 25 SHEET MINIMUM AND SURCHARGE FOR A SHIPPING PALLET.

BRAKE

Residual Check Valves

Residual check valves hold a small amount of pressure in the brake system to keep the brake system functioning properly while helping to maintain a firm pedal. Maintaining system pressure prevents fluid from returning to the master cylinder when the master cylinder is positioned lower than or close to the same height as the calipers or wheel cylinders. Proper system pressure also keeps piston and wheel cylinder seals expanded, creating a positive seal and brake pads seated against the rotor. Valves include two 3/16" inverted flare fittings.

Part No.	Description
ALL41048	2 lb. for Disc Brakes (Blue)
ALL41049	10 lb. for Drum Brakes (Red)

Proportioning Valve *ALL48025*

Adjust front-to-rear brake bias with the twist of a knob. Provides up to 57% reduction. Fitting ports are 1/8"NPT. Valve includes two fittings to adapt to 3/16" brake line. 1"L x 1-3/4"W x 3-5/16"H.

Flat Tabs

Mild steel flat tabs have a straight edge and can be welded to round tubing, square tubing, or flat plate.

Part No.	Description	Quantity Per Pack	Thickness	Overall Height	Center of Hole Height	Hole Diameter
ALL60004	1/8" Tab, 5/8" Hole	4	1/8"	2-5/16"	1-11/16"	5/8"
ALL60005	1/8" Tab, 1/2" Hole	4	1/8"	1-7/8"	1-5/16"	1/2"
ALL60006	3/16" Tab, 1/2" Hole	4	3/16"	1-7/8"	1-5/16"	1/2"
ALL60007	1/4" Tab, 3/8" Hole	4	1/4"	2"	1-3/8"	3/8"
ALL60008	1/4" Tab, 1/2" Hole	4	1/4"	2"	1-3/8"	1/2"
ALL60009	1/8" Tab, 1/4" Hole	4	1/8"	1-5/8"	1-1/4"	1/4"
ALL60012	1/8" Tab, 1/4" Hole	4	1/8"	1-7/16"	7/8"	1/4"
ALL60013	1/8" Tab, 3/8" Hole	4	1/8"	1-7/16"	7/8"	3/8"
ALL60018	3/16" Seat Tab	4	3/16"	1-1/2"	7/8"	1/2"
ALL60019	1/4" Seat Tab	4	1/4"	1-1/2"	7/8"	1/2"
ALL60020	Window Frame Tab	10	1/16"	1"	3/4"	3/16"
ALL60021	Window Frame Tab	10	1/16"	3/4"	1/2"	3/16"
ALL60022	Bumper Tab	4	1/8"	1-1/4"	15/16"	1/4"
ALL60076	Chassis Tab	4	1/8"	1-3/4"	1-3/16"	3/8"
ALL60030	Mounting Tab	4	.100"	1-1/4"	3/4"	5/8"
ALL60090	Mounting Tab	4	.100"	1-1/4"	3/4"	3/8"
ALL60091	Mounting Tab	4	.100"	1-1/4"	3/4"	7/16"
ALL60092	Mounting Tab	4	.100"	1-1/4"	3/4"	9/16"

Radius Tabs

Mild steel radius tabs have a contoured edge to fit various sizes of round tubing.

Part No.	Description	Quantity Per Pack	Thickness	Overall Height	Center of Hole Height	Hole Dia.
ALL60000	3/16" Tab, No Hole	4	3/16"	2-3/8"	—	—
ALL60001	3/16" Tab, 3/8" Hole	4	3/16"	2-3/8"	1-3/4"	3/8"
ALL60002	3/16" Tab, 1/2" Hole	4	3/16"	2-3/8"	1-3/4"	1/2"
ALL60003	1/8" Tab, 1/4" Hole	4	1/8"	2"	15/16"	1/4"
ALL60010	1/8" Tab, 1/4" Hole	4	1/8"	1-1/8"	9/16"	1/4"
ALL60011	1/8" Tab, 3/8" Hole	4	1/8"	1-1/8"	9/16"	3/8"

Body Brace Tabs

Mild steel tabs have built-in gussets for added support. Choose tabs that mount parallel or perpendicular to tubing. Package of 4.

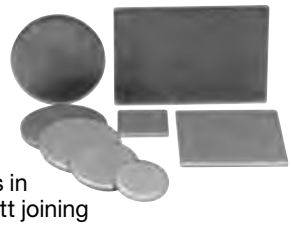
Part No.	Description	Thickness	Overall Height	Center of Hole Height	Hole Dia.
ALL60014	Round Tube, 1/4" Hole	1/8"	1-1/2"	1"	1/4"
ALL60015	Round Tube, Slotted	1/8"	1-1/2"	7/8"	1/4" x 3/4"
ALL60016	Round Tube, 3/8" Hole	1/8"	1-3/4"	1-1/4"	3/8"
ALL60017	Round Tube, 1/2" Hole	1/8"	1-3/4"	1-1/4"	1/2"
ALL60041	Round Tube, 1/4" Hole	1/8"	1-3/4"	1-1/4"	1/4"
ALL60086	Round Tube, 1/4" Hole	.085"	1-7/16"	1-15/16"	1/4"
ALL60087	Round Tube, 1/4" Hole	1/8"	1-7/16"	1-15/16"	1/4"
ALL60024	Flat Mount, 3/8" Hole	.085"	1-9/16"	7/8"	3/8"
ALL60027	Flat Mount, 1/4" Hole	3/16"	1-9/16"	7/8"	1/4"

Brake Line Adapter Mounting Tabs

Secure brake line adapters or bulkhead fittings, or use as a mounting tab for a variety of uses.

Part No.	Description
Bolt-On	
ALL60029	With 5/8" Hole, 2-Pack
Weld-On	
ALL60030	With 5/8" Hole, 4-Pack
ALL60092	With 9/16" Hole, 4-Pack
ALL60091	With 7/16" Hole, 4-Pack
ALL60090	With 3/8" Hole, 4-Pack

Tubing End Caps



Steel end caps weld to the end or inside of tubing to provide a clean look, prevent sharp exposed edges, and seal tubes to keep out dirt and debris. Caps are commonly used on ends of bumpers, to fill existing holes in frames, and as a flat gusset when butt joining sections of square or rectangular tubing. Package of 10.

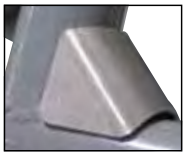
Part No.	Description	Thickness
Round End Caps		
ALL22280	7/8" O.D.	.125"
ALL22285	1" O.D.	.125"
ALL22281	1-1/4" O.D.	.125"
ALL22286	1-3/8" O.D.	.125"
ALL22282	1-1/2" O.D.	.125"
ALL22283	1-5/8" O.D.	.125"
ALL22287	1-11/16" O.D.	.125"
ALL22284	1-3/4" O.D.	.125"
Square End Caps		
ALL22290	1" x 1"	.085"
ALL22291	1-1/2" x 1-1/2"	.085"
ALL22292	2" x 2"	.085"
Rectangle End Cap		
ALL22294	2" x 3"	.085"

Gussets

Gussets add support and strength to tubing joints when building roll cages or chassis mounts. Solid, one-, or three-hole gussets are 1-7/8" tall x 1/8" thick.

Description	10-Pack	100-Pack
Solid	ALL22192	ALL22192-100
With One Hole	ALL22194	ALL22194-100
With Three Holes	ALL22196	ALL22196-100

Wrap-Around Gussets



Gussets fit 1-1/2" to 1-3/4" tubing and can be used to join tubing from 70° to 110°. Wrap-around gussets are 1/16" thick and provide more support and rigidity than a standard flat gusset.

Part No.	Description
ALL22199	10-Pack
ALL22199-50	50-Pack

Half Clamp Brackets

ALL10464

Unique brackets are a must when clamping completely around tubing isn't possible. Bracket clamps just over halfway around tubing and tightens to create a secure mount for many accessories. 3" bracket can clamp to rear end axle tubes to neatly secure braided lines. Brackets have 3/8" mounting holes.

Part No.	Description
ALL10464	1-1/4"
ALL10466	1-1/2"
ALL10468	1-3/4"
ALL10470	3"

Universal Brackets

ALL10452

Universal 1/4" thick aluminum brackets may be drilled and tapped to custom mount just about anything.

Part No.	Description
ALL10452	1-1/4"
ALL10453	1-1/2"
ALL10454	1-3/4"
ALL10445	Reducer Bushing 1-3/4" to 1-5/8"

Accessory Clamps

Aluminum two-piece clamps are ideal for mounting small parts and accessories or creating an adjustable clamp-on mount for supporting body or roof panels. Clamps are 1/2" wide and include two 1/4" button head fasteners.

Size	Part No.
With 1/4"-20 Mount	
1"	ALL10455
1-1/4"	ALL10456
1-3/8"	ALL10457
1-1/2"	ALL10458
1-5/8"	ALL10460
1-3/4"	ALL10459
With 1/4"-20 Mount and a 1/4" Through Hole	
1"	ALL10485
1-1/4"	ALL10486
1-3/8"	ALL10487
1-1/2"	ALL10488
1-5/8"	ALL10489
1-3/4"	ALL10490

ALL10456

ALL10488

Ballast

Add weight where it's needed. Sizes listed are approximate.

ALL14176	2.5 lbs. 3-1/2" Round x 3/4" Tall*
ALL14177	5 lbs. 3-1/2" Round x 1-3/8" Tall*
ALL14180	25 lbs. 4" x 8" x 2"
ALL14179	30 lbs. 2-1/2" x 2-1/2" x 12"
ALL14182	40 lbs. 12" x 3-1/2" x 2-3/4"
**** Pre-drilled with 1/2" Mounting Hole***	

ALL14180

ALL14177

Clamp-On 10-lb. Ballast

ALL14205

Designed for safely adding weight to small tube chassis found on mini wedges, mini sprints, or jr dragsters. Clamp-on design is formed of two halves which bolt together around 1" to 1-1/4" round tubing. Mounting hardware included.

Clamp-On 25-lb. Ballast

ALL14181

Securely add weight where it's needed. Clamp-on design is formed of two halves which bolt together around 1" to 1-3/4" round tubing, allowing easy installation and removal. Bolts are included for use on tubing up to 1-5/8". When clamping to 1-3/4" tubing, longer bolts (not included) are required.

Economy Ballast Brackets

ALL14195

Black anodized two-piece aluminum bracket clamps around tubing with 5/16" hex head fasteners and has a 1/2"-13 tapped hole on each side. Mounting stud and nut sold separately.

Part No.	Description
ALL14192	1" O.D. Round Tubing
ALL14193	1-1/4" O.D. Round Tubing
ALL14194	1-3/8" O.D. Round Tubing
ALL14195	1-1/2" O.D. Round Tubing
ALL14196	1-5/8" O.D. Round Tubing
ALL14197	1-3/4" O.D. Round Tubing

Ballast Brackets

ALL14187

Black anodized two-piece aluminum bracket clamps around tubing with recessed 5/16" socket head fasteners and has a 1/2"-13 tapped hole on each side. Mounting stud and nut sold separately.

Part No.	Description
ALL14178	1" O.D. Round Tubing
ALL14183	1-1/4" O.D. Round Tubing
ALL14184	1-3/8" O.D. Round Tubing
ALL14185	1-1/2" O.D. Round Tubing
ALL14186	1-5/8" O.D. Round Tubing
ALL14187	1-3/4" O.D. Round Tubing
ALL14188	2" O.D. Round Tubing
ALL14189	2" x 2" Square Tubing

CHEMICALS

Oil Eater Degreaser

The cleaner/degreaser that really works! We can't say enough about this cleaner; it can be used as a pre-wash on greasy clothing, to clean engine components, transmission cases, and engine compartments, and is even strong enough to clean the shop and trailer floors! You won't be disappointed! Cleaner is non-toxic, non-corrosive and biodegradable so it is safe for the environment.

Part No.	Description
ALL78213	32-oz. Spray Bottle
ALL78211	1-Gallon Container

Mud-X Cleaner *ALL78232*

Ground Shipment Only

Cleans and shines plastic, polycarbonate, chrome, fiberglass, paint, vinyl, and leather and leaves an invisible coating that protects surfaces and repels dirt, dust, fingerprints, smudges, and bugs. Spray it on and wipe it off. Excellent anti-fog coating for helmet shields. 14-oz. can.

Mud-X Concentrate *ALL78230*

Mix concentrate with up to ten quarts of water to produce a coating that prevents mud, dirt, oil, rubber and exhaust residue from sticking to body panels. Safe for metal, plastic, rubber, and painted surfaces. One-quart container.

Dirt Tire Soap *ALL78236*

Clean your tires like the Pros! Simply mix with water and spray on your tires before washing them, and the mud almost falls off. Cleaner also works for pre-treating your chassis and body before cleaning to help loosen dirt and clay. 1-gallon container.

Pre-Race Dirt Solution *ALL78234*

Spray directly on the body and underside of your car before entering the racetrack. Helps prevent dirt, oil, and rubber from sticking to the frame and body panels. Use direct without water. Half-gallon container.

Ultrasonic Cleaner Solution *ALL10644*

Detergent-based cleaning solution designed for use in ultrasonic cleaning machines.

Competitive Edge Tire Conditioner

Chemically treats and softens race tires to increase traction without making tires greasy. Apply race day or night before on new or old tires, can be used on the inside or outside. One-gallon container treats 4 to 6 tires.

Part No.	Description
ALL78105	Single
ALL78105-4	4-Pack

Ground Shipment Only

Hot Lap Tire Softener

Increase tire life by 20% over other softeners and reduce lap times by 0.2 to 0.3 seconds. Hot Lap relies on a special formula and will provide instant results. Formulated to pass tire "sniffer" tests.

Part No.	Description
ALL78101	One Gallon Hot Lap, Quick for 200 Laps
ALL78107	One Pint Hot Lap

Ground Shipment Only

Track Claw Tire Strengthener

Strengthens the rubber and will work on all tires. Undetectable. Reduces lap times 0.2 to 0.3 seconds. One-gallon container.

Part No.	Description
ALL78110	180°-220°F Tire Temps
ALL78111	Up To 150°F Tire Temps

Ground Shipment Only

Castrol SRF Brake Fluid *ALL78115*

Castrol SRF Brake Fluid has a wet boiling point of 518°F (270°C) which exceeds DOT 3 and 4 standards. Do not mix Castrol SRF and other brake fluids, as this will reduce the benefits of Castrol SRF. Sold in 1-liter containers (33.8 ozs.)

AP Radi-CAL R2 (Super 600 Hi-Temp Racing Brake Fluid *ALL78108*

Designed for extreme, high-temperature racing conditions with a dry boiling point of 594°F and a wet boiling point of 383°F. Conforms to DOT 4 specifications. Sold in 16.9-oz. bottle.

AP Radi-CAL R3 (AP PRF) Brake Fluid *ALL78116*

Developed for extreme, high-temperature racing conditions with a typical dry boiling point of 617°F and a wet boiling point of 383°F. Conforms to DOT 4 specifications. Sold in 16.9-oz. bottle.

Motul 600 Brake Fluid *ALL78117*

100% synthetic brake fluid has an extremely high boiling point, helping to prevent vapor lock and brake fade during hard use. Motul 600 exceeds DOT 3 and DOT 4 specifications. Dry boiling point 594°F, wet boiling point 421°F. Sold in 16.9-oz. bottle.

Motul 660 Brake Fluid *ALL78118*

100% synthetic brake fluid is specifically designed to resist extreme temperatures generated by racing carbon and ceramic brakes. Motul 660 exceeds DOT 3, DOT 4 and DOT 5.1 specifications. Dry boiling point 617°F, wet boiling point 401°F. Sold in 16.9-oz. bottle.

Fogging Oil *ALL78220*

Ground Shipment Only

Spray aerosol lubricant (with special additives) into the intake and spark plug holes to coat and lubricate the cylinders, valves, and valve seats. Prevents horsepower-robbing corrosion and eliminates scuffing at start-up after periods of storage. May be used in all 2- or 4-cycle carbureted or fuel-injected gasoline engines in cars, trucks, motorhomes, ATV's, etc. Sold in a 12-oz. can.

Extreme Pressure Lube *ALL78246*

Originally used throughout the tool and die industry, this lube provides superior durability and wear protection taking the place of anti-seize in many applications. Recommended for spline-to-spline contact, threaded adjusters, and engine fasteners. 4-oz. tube.

Upper Lube Fuel Additive

Upper Lube is a high-temperature cylinder lube that protects and extends engine life. Added directly to the fuel, Upper Lube reduces fuel wash-down, chalky residue, and corrosion, while lubricating cylinders, valves, guides, and fuel system components. It mixes completely, won't separate from fuel, leaves no varnish residue, and does not contain a flame agent. One 16-oz. bottle treats 55 gallons of alcohol, 150 gallons of gasoline, or 110 gallons of ethanol.

Part No.	Description
ALL78100	Upper Lube
ALL78120	Upper Lube with Cherry Fragrance
ALL78122	Upper Lube with Grape Fragrance

Aluminum SB Chevy "Short Style" Water Pump *ALL31100*

Popular "short style" water pump that was originally used on pre-1969 small block Chevrolets. Pumps are built using all new components and an aluminum body for added weight savings over original cast iron pumps. Pump features a 3/4" main shaft and bearings with a 5/8" pilot and a billet steel hub drilled for both small and large fan bolt patterns, making this a good choice for street and mild performance vehicles. Block mount to fan hub dimension is 5-5/8". This pump is not recommended for use with mechanical fans over 5,000 RPM. Above this RPM, use the ALL31105 pump with a 3/4" shaft/bearing. ***Note: Water pump may need to be clearanced for use with 8" dampers.***

Aluminum SB Chevy "Corvette Style" Water Pumps

This aluminum version of "Corvette style" water pump was originally used on 1971-82 small block Chevrolet Corvette, but is now used throughout the motorsports industry. Pump is built using all-new components and an aluminum body for added weight savings over original cast iron pumps. Pump features a 3/4" main shaft and bearings with a 3/4" pilot and a billet steel hub that has a set screw retainer for use on higher RPM applications. Block mount to fan hub dimension is 5-13/16". ***Note: Water pumps may need to be clearanced for use with 8" dampers.***

ALL31105

ALL31106

Part No.	Description
ALL31105	Water Pump
ALL31106	Water Pump with 3/8"NPT Bypass Ports and Cam Stop Hardware

Water Pump Cam Stop Kit *ALL99415*

Water pump cam stop kit includes a 2" long 3/8"-24 threaded stud, washer, and nut to replace or add a cam stop bolt to a water pump equipped with a stud mounting boss. Stud can be tightened against timing cover when cam buttons are used to help prevent "cam walk".

Water Pump Spacer Kits

ALL31072

Kits provide additional clearance needed for belt or gear drive timing systems. Gaskets are included.

Part No.	Description
ALL31070	1/8"
ALL31071	1/4"
ALL31072	3/8"
ALL31073	1/2"
ALL87230	Replacement Gaskets

Pulley Shim Kits

Use shim kits to properly align pulleys. Water pump shims have dual bolt hole pattern to fit most GM and Ford water pumps. Crank pulley spacers are for small block Chevys.

ALL31064

ALL31066

Part No.	Description
ALL31064	Water Pump, 1/16", 1/16", 1/8" (3 Shims)
ALL31066	Crankshaft, 1/16", 5/64", 1/8" (3 Shims)

Aluminum SB Chevy Reduction Pulleys

Specifically for short or Corvette water pumps, pulleys work with power steering pump and pulley to provide a ratio within the GM-specified RPM range. Race engine RPM differs greatly from street engines. For 30% less water pump speed and reduced weight and inertia, the crankshaft and water pump pulleys are smaller in diameter than standard reduction pulleys. Acceleration capabilities are greatly enhanced. ***Note: Crankshaft pulley will work with either water pump pulley without spacers.***

ALL31030

ALL31040

Part No.	Description
ALL31030	Crankshaft Pulley (4-3/4" Diameter)
ALL31040	Water Pump Pulley, Short Pump with 5/8" Pilot Hole (6-5/8" Dia.)
ALL31050	Water Pump Pulley, Corvette Pump with 3/4" Pilot Hole (6-5/8" Dia.)
ALL86120	Belt, Crank to Water Pump, 31.5"
ALL86122	Belt, Crank/Water Pump/Block Mount P/S Pump, 39"
ALL86124	Belt, Crank/Water Pump/Head Mount P/S Pump, 42"

V-Belts

Premium quality V-belts are perfect replacements for worn or cracked belts.

Part No.	Description
ALL86120	31.5"
ALL86121	34"
ALL86122	39"
ALL86123	41"
ALL86124	42"
ALL86125	44"

Billet Aluminum Hose Clamps

Lightweight billet aluminum clamps provide a finished look for securing popular standard and silicone-style radiator hoses.

Part No.	Description
ALL18326	Clamp for 1-1/2" I.D. Hose
ALL18327	Clamp for 1-3/4" I.D. Hose

T-Bolt Band Clamps

Stainless steel band clamps provide a better sealing option over traditional hose clamps in performance applications. Clamps feature a 3/4" wide band and are sold in pairs.

Part No.	Description
ALL18345	Clamp for 1-1/2" I.D. Hose
ALL18347	Clamp for 1-3/4" I.D. Hose

Primary Wire

Single-conductor stranded copper wire with polyvinyl insulation remains flexible and is abrasion resistant. Stranded copper is the wire of choice for many projects when building custom wire harnesses or adding accessories.

20AWG

Used for low-voltage sensors, indicator lights, or instrument panel or dash lighting.

Color	50' Coil	100' Spool
Red	ALL76500	ALL76510
Black	ALL76501	ALL76511
White	ALL76502	ALL76512
Green	ALL76503	ALL76513
Yellow	ALL76504	ALL76514
Brown	ALL76505	ALL76515
Blue	ALL76506	ALL76516

14AWG

Most popular when fabricating harnesses for general use including lighting of headlights, taillights and brake lights, ignition systems, and interior accessories such as radios, interior fans, and gauge panels.

Color	20' Coil	100' Spool
Red	ALL76540	ALL76550
Black	ALL76541	ALL76551
White	ALL76542	ALL76552
Green	ALL76543	ALL76553
Yellow	ALL76544	ALL76554
Brown	ALL76545	ALL76555
Blue	ALL76546	ALL76556

12AWG

Wire can be used to supply power to ignition boxes, cooling fans, fuel pumps, and other higher amperage accessories including power to electric trailer brakes.

Color	12' Coil	100' Spool
Red	ALL76560	ALL76565
Black	ALL76561	ALL76566
White	ALL76562	ALL76567
Blue	ALL76563	ALL76568

10AWG

Commonly used for higher amperage applications including alternator charging wire and supplying power to trailer for interior lighting or charging trailer batteries when utilizing tow vehicle charging system.

Color	10' Coil	75' Spool
Red	ALL76570	ALL76575
Black	ALL76571	ALL76576
White	ALL76572	ALL76577

Heat Sleeve

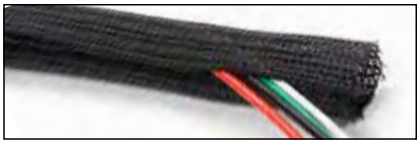
High-temperature silicone-coated fiberglass sleeving is non-flammable and resists temperatures up to 500°F. An excellent choice for protection of fuel lines, wiring, cables, and various similar uses. Sleeving is resistant to gasoline and many other chemicals. Sold in 3' lengths. Size referenced is sleeve I.D. or O.D. of hose to be covered.

Part No.	Size
Red	
ALL34280	1/4"
ALL34282	1/2"
ALL34284	3/4"
ALL34285	7/8"
ALL34286	1" Red
Black	
ALL34290	1/4"
ALL34292	1/2"
ALL34294	3/4"
ALL34295	7/8"
ALL34296	1"

ALL34284

ALL34292

Braided Wire Wrap



Split-loom braided wrap is easily applied over existing hoses or wiring to conceal and protect against wear or abrasion. Wrap features a 25% overlap based on the nominal size listed, allowing the wrap to bend and flex without opening. Wrap is constructed of polyethylene material, heat resistant up to 250°F, and easily cuts with a hot knife or a soldering iron with knife attachment.

Part No.	Size
ALL76610	1/8" x 20'
ALL76612	1/4" x 15'
ALL76614	1/2" x 10'
ALL76616	3/4" x 5'
ALL76618	1" x 10'

Spiral Wire Loom

Loom keeps wiring bundled together for a neat appearance and can be easily removed when adding or removing wires during wiring harness changes. Open design makes identifying or locating a wire simple and will not hold dirt and moisture like solid looms. Loom also provides abrasion resistance to protect wiring or hoses. High-density polyethylene material is rated from -30°F to 165°F and sold in 10' lengths.

Part No.	Size
ALL76600	1/4"
ALL76602	1/2"
ALL76604	3/4"

Weather Pack Kits

Kits include a variety of tower housings, shroud housings, seals and terminals to build 1-, 2-, 3-, 4-, and 6-pin connectors for standard 16-14 gauge wire. Kits also include a pin removal tool and convenient carrying case.

ALL76262

Part No.	Description
ALL76260	Starter Kit
ALL76262	Master Kit

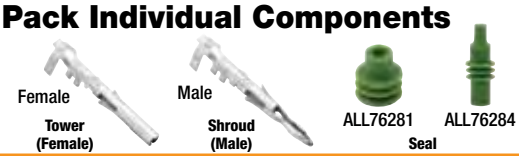
Quantity ALL76260	Quantity ALL76262	Description
1	3	1-Pin Tower Housing
1	3	1-Pin Shroud Housing
2	4	2-Pin Tower Housing
2	4	2-Pin Shroud Housing
1	3	3-Pin Tower Housing
1	3	3-Pin Shroud Housing
1	2	4-Pin Tower Housing
1	2	4-Pin Shroud Housing
1	2	6-Pin Tower Housing
1	2	6-Pin Shroud Housing
40	100	Seals (50% Blue/50% Green)
40	100	Terminal Pins 16-14 GA (50% Male/50% Female)
1	1	Pin Removal Tool
1	1	Carrying Case

Weather Pack Connector Individual Kits

Weather Pack connectors are designed for harsh weather conditions. Originally used by top vehicle manufacturers, the reliability of these connectors has been proven for years and they have become common in many applications requiring a weather-proof connection. Snap-lock feature assures positive connection and allows connector to be easily separated as needed. Connectors are rated up to 20A at 12V DC and include tower housing, seals, and terminals for standard 16-14 gauge wire.

Part No.	Description
ALL76265	1-Wire
ALL76266	2-Wire
ALL76267	3-Wire
ALL76268	4-Wire Flat
ALL76269	4-Wire Square
ALL76270	6-Wire

Weather Pack Individual Components



Gauge	Tower (Female)	Shroud (Male)	Seal
Terminals and Seals, 10-Packs.			
22-20	—	—	ALL76280 (Purple)
20-18	ALL76272	ALL76275	ALL76281 (Green)
16-14	ALL76273	ALL76276	ALL76282 (Gray)
12	ALL76274	ALL76277	ALL76283 (Blue)

Part No.	Description
ALL76284	Seal Plug, 10-Pack

Description	Tower (Female)	Shroud (Male)
Housings, Each		
1-Pin	ALL76288	ALL76289
2-Pin	ALL76290	ALL76291
3-Pin	ALL76292	ALL76293
4-Pin	ALL76294	ALL76295
4-Pin Square	ALL76296	ALL76297
6-Pin	ALL76298	ALL76299

Terminal Connectors

Crimp-style connectors work great when building custom wire harnesses or making repairs to existing wiring. Tin-plated copper terminals are available in a variety of types and sizes.

Non-insulated terminals are designed to be crimped but may also be soldered for a more secure complete connection. Often used with separate heat shrink that is applied after connection is made. Package of 20.

Non-Insulated Terminals		22-18	16-14	12-10
Butt Connectors		ALL76000	ALL76010	ALL76020
Ring Terminals	#6 Hole	ALL76001	ALL76011	ALL76021
	#8 Hole	ALL76002	ALL76012	ALL76022
	#10 Hole	ALL76003	ALL76013	ALL76023
	1/4" Hole	ALL76004	ALL76014	ALL76024
	5/16" Hole	ALL76005	ALL76015	ALL76025
	3/8" Hole	ALL76006	ALL76016	ALL76026
Blade Terminals	Male 1/4"	ALL76007	ALL76017	ALL76027
	Female 1/4"	ALL76008	ALL76018	ALL76028

Vinyl-insulated terminals are the most popular crimp terminal used in a variety of applications. PVC-insulated sleeve is securely attached to terminal and has a flared end for easy installation. Package of 20.

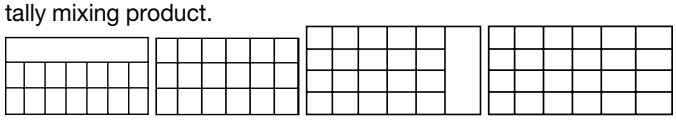
Vinyl Insulated Terminals		22-18	16-14	12-10
Butt Connectors		ALL76030	ALL76040	ALL76050
Ring Terminals	#6 Hole	ALL76031	ALL76041	ALL76051
	#8 Hole	ALL76032	ALL76042	ALL76052
	#10 Hole	ALL76033	ALL76043	ALL76053
	1/4" Hole	ALL76034	ALL76044	ALL76054
	5/16" Hole	ALL76035	ALL76045	ALL76055
	3/8" Hole	ALL76036	ALL76046	ALL76056
Blade Terminals	Male 1/4"	ALL76037	ALL76047	ALL76057
	Female 1/4"	ALL76038	ALL76048	ALL76058

Heat-shrink terminals protect connections from corrosion. Terminals with attached shrink tube are adhesive lined to grip wire insulation and conform to crimp when heated, sealing out moisture. Package of 10.

Heat Shrink Terminals		22-18	16-14	12-10
Butt Connectors		ALL76060	ALL76070	ALL76080
Ring Terminals	#6 Hole	ALL76061	ALL76071	ALL76081
	#8 Hole	ALL76062	ALL76072	ALL76082
	#10 Hole	ALL76063	ALL76073	ALL76083
	1/4" Hole	ALL76064	ALL76074	ALL76084
	5/16" Hole	ALL76065	ALL76075	ALL76085
	3/8" Hole	ALL76066	ALL76076	ALL76086
Blade Terminals	Male 1/4"	ALL76067	ALL76077	ALL76087
	Female 1/4"	ALL76068	ALL76078	ALL76088

Storage Cases

These handy storage cases help organize many items around the shop, trailer, or home such as electrical connectors, quick-turn fasteners, tire groover blades, small fasteners, and many more items. Curved compartment bottoms create a smooth scoop, making it easy to remove the smallest of items. Molded-in dividers prevent items from slipping under dividers and accidentally mixing product.



ALL14360 ALL14361 ALL14365 ALL14366

Part No.	Description
Plastic Cases	
ALL14360	15 Compartment, 11" x 7" x 1-3/4"
ALL14361	18 Compartment, 11" x 7" x 1-3/4"
Metal Cases	
ALL14365	21 Compartment, 9-1/2" x 13-1/2" x 2"
ALL14366	24 Compartment, 9-1/2" x 13-1/2" x 2"

Wire Terminal Kit
ALL76224

A 100-piece terminal kit with a generous supply of the most commonly used connectors for automotive wiring. A sturdy plastic case with divided compartments helps keep connectors organized.

22-18ga.	16-14ga.	12-10ga.
Each Kit Includes:		
(10) Butt Connectors	(10) Butt Connectors	(10) Butt Connectors
(8) Ring Terminals #6	(10) Ring Terminals #10	(8) Ring Terminals #10
(8) Ring Terminals #8	(8) Ring Terminals 1/4"	(7) Ring Terminals 3/8"
—	(7) Female Blade	—
—	(7) Male Blade	—
—	(7) Spade	—

Heat-Shrink Tubing

Single-wall tubing is placed over wiring and electrical connectors to seal and strengthen electrical connections. Tubing is pre-cut to 6" and has a 2:1 shrink ratio, meaning this will shrink to approximately half the size when heat is applied using a heat gun or other heat source.

Part No.	Description
Heat Shrink Assortment Kit	
ALL76160	Includes 9 pcs. of 1/8" and 3/16", 6 pcss of 1/4", and 3 pcs. of 3/8" and 1/2"
Individual Sizes (Pack of 20)	
ALL76162	1/8"
ALL76163	3/16"
ALL76164	1/4"
ALL76165	3/8"
ALL76166	1/2"
ALL76167	3/4"

Grommet Set *ALL18360*

ALL11041

Grommets are perfect for protecting wiring and hoses that pass through panels up to 1/16" (.062") thick. Kit includes 36 grommets (6 of each size: 1/4", 5/16", 3/8", 1/2", 5/8", and 11/16"). Grommets are also available in size-specific 10-packs.

Part No.	Grommet Hole I.D.	Panel Hole I.D.
ALL18362	3/16"	5/16"
ALL18363	1/4"	3/8"
ALL18364	5/16"	7/16"
ALL18365	3/8"	1/2"
ALL18366	1/2"	5/8"
ALL18367	5/8"	7/8"
ALL18368	11/16"	1"

Gauge Panels

Gauge panels are completely assembled, pre-wired, and include lighted mechanical gauges, warning indicator lights with senders to alert you of problems, detailed instructions, and installation template. Select from panels fitted with Allstar or Auto Meter Sport-Comp or Pro-Comp liquid-filled 2-5/8" gauges. Panels are available in two-, three-, or four-gauge configurations. ***Note: Fuel pressure isolator such as Autometer ATM5282 or QuickCar QRP61-300 is always recommended when mounting a fuel pressure gauge inside vehicle.***

- **Two-Gauge Panels Are 4-1/2" Tall x 7-1/4" Long. Gauges: Oil Pressure and Water Temperature**
- **Three-Gauge Panels Are 4-1/2" Tall x 10-1/2" Long. Gauges: Oil Pressure, Water Temperature, and Oil Temperature or Fuel Pressure**
- **Four-Gauge Panels Are 4-1/2" Tall x 13-3/4" Long. Gauges: Oil Pressure, Water Temperature, Oil Temperature, and Fuel Pressure.**

Part No.	Description
Allstar	
ALL80090	2-Gauge Panel OP/WT
ALL80091	3-Gauge Panel OP/WT/OT
ALL80092	3-Gauge Panel OP/WT/FP
ALL80093	4-Gauge Panel OP/WT/OT/FP
Auto Meter Sport Comp	
ALL80110	2-Gauge Panel (OP/WT)
ALL80113	3-Gauge Panel (OP/WT/FP)
Auto Meter Pro-Comp (Liquid Filled)	
ALL80120	2-Gauge Panel (OP/WT)
ALL80123	3-Gauge Panel (OP/WT/FP)

Mechanical Gauges

Allstar Performance 2-5/8" mechanical gauges feature a full 270° sweeping needle, silver-faced background, black bezel, and are backlit for easy reading even during low light conditions. Perfect for building custom dash panels or when adding mechanical gauges to replace existing gauges or warning lights.

Part No.	Description
ALL80095	Oil Pressure Gauge 0-100 PSI
ALL80096	Water Temperature Gauge 140-280°F
ALL80097	Oil Temperature Gauge 140-340°F
ALL80098	Fuel Pressure Gauge 0-15 PSI
ALL80099	Volt Gauge 8-18V
ALL99145	Replacement Bulb, Socket and Pigtail

ELECTRICAL, GAUGES, & IGNITION

Gauge Kits

Kits include all the components of our popular gauge panels while offering the flexibility of installing gauges and warning lights into a custom dash or prefabricated dash panel. Kits feature 2-5/8" 270° sweeping mechanical gauges which are pre-wired with warning indicator lights and senders to alert you of problems.

Part No.	Description
ALL80080	2-Gauge Kit OP/WT
ALL80081	3-Gauge Kit OP/WT/OT
ALL80082	3-Gauge Kit OP/WT/FP
ALL80083	4-Gauge Kit OP/WT/OT/FP

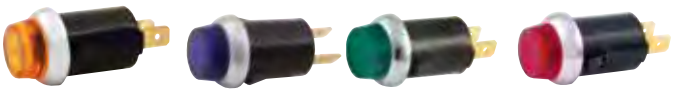
LED Bulbs for Gauge Panels

ALL99147

LED bulbs offer a brighter lighting solution and will hold up much longer than standard incandescent bulbs on 12-V16V systems. Bulbs replace standard #53 bulbs and fit gauge backlight and warning light sockets on all Allstar gauge panels. Package of 2.

Warning Lights

Warning lights or indicator lights inform the driver of a possible problem before major damage occurs when used with temperature or pressure switches. Lights snap into a 3/4" hole in material up to .065" thick. Lights have standard male blade electrical connections and are designed for 12V systems.



Part No.	Description
ALL99062	Amber Light
ALL99063	Blue Light
ALL99064	Green Light
ALL99065	Red Light

Temperature Switches

ALL99057

Temperature switches are commonly used to turn on indicator lights to warn the driver of a possible overheating condition. Switches complete a circuit to ground when the pre-set temperature is reached so they may also be used to control a relay for electric fans. Switches have male 1/2"-14NPT threads and a standard male blade electrical connector.

Part No.	Description
ALL99057	235°F
ALL99056	280°F

Pressure Switches

ALL99058

Pressure switches are commonly used to turn on indicator lights warning of a low pressure condition to help prevent engine damage. Switches complete a circuit to ground until the pre-set pressure is reached. Switches have male 1/8"-27NPT threads and a standard male blade electrical connector.

Part No.	Description
ALL99058	4 PSI
ALL99059	20 PSI

Water Pressure Warning Kit

ALL80250

Warning kit senses pressure in the cooling system and alerts driver of a problem when coolant pressure drops below 4 PSI. In the event of coolant loss (i.e. blown radiator hose), the temperature gauge probe is no longer surrounded by coolant to detect the engine temperature. This will lead to a false temperature gauge reading and major engine damage.

Tel-Tac Mount *ALL81332*

Aluminum mount accepts Tel-Tac digital tachometers and recesses into a dash for clean finished look. Mount attaches to backside of dash with quick turn fasteners (buttons sold separately) for simple tachometer removal and installation.

ENGINE

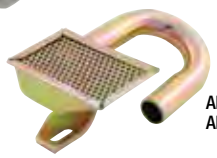
6-Qt. Claimer Oil Pans and Pick-Ups

Small block Chevy pans have a 6-quart capacity and are 7" deep. Two swinging trap doors and a built-in baffle provide consistent oil control. Oil pan fits pre-1986 blocks with 2-pc rear main seal.

Part No.	Description
ALL26132	L.H. (Driver's Side) Dipstick
ALL26133	R.H. (Passenger's Side) Dipstick
ALL26134	Pick-Up for Use with Standard-Volume Pumps
ALL26135	Pick-Up for Use with High-Volume Pumps

ALL26132

ALL26133



ALL26134
ALL26135

Magnetic Drain Plug *ALL87040*

Replacement plug for standard 1/2"-20 drain holes has a magnetic end to capture small particles in oil or to help identify a problem early.

SB Chevy Rear Main Seal Adapters

Billet aluminum adapter allows installation of a two-piece style crankshaft seal and early (pre-1986) crankshaft into a 1986 and newer SB Chevy (pre-LS) engine. Adapters include mounting hardware. Alignment tool ALL26127 (sold separately), is recommended to ensure proper installation and centering of adapter plate.

ALL26125 ALL26126 ALL26127

Part No.	Description
ALL26125	Seal Adapter for Early (Pre-1986) Oil Pan
ALL26126	Seal Adapter for Late (1986-Up) Oil Pan
ALL26127	Alignment Tool

Aluminum Oil Inlet Fittings

ALL90044 ALL90045

Aluminum fittings adapt NPT to the AN threads commonly used when connecting oil lines and for other applications. Length stated is overall length. ALL90045 features two additional 1/8"NPT ports commonly used when plumbing valve spring oilers.

Part No.	Description
ALL90048	3/8"NPT to -10AN, 3" Long
ALL90043	1/2"NPT to -10AN, 3" Long
ALL90044	1/2"NPT to -12AN, 3" Long
ALL90045	1/2"NPT to -12AN, 3-1/2" Long (with 1/8"NPT Ports)

Inline Oil Temperature Tees

Install in the oil return line (pump-to-tank) to adapt a probe for an oil temperature gauge. All inline tees have 1/2"NPT threads for probe fittings and 1/4" holes for mounting.

Part No.	Description
ALL90039	-8AN
ALL90040	-10AN
ALL90041	-12AN
ALL90042	-16AN

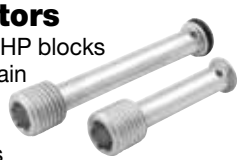
SB Chevy Oil Restrictors

Oil restrictors reduce the amount of oil flow to the top of the engine, reducing the risk of evacuating the oil pan in continuous high rpm engines while allowing more oil to be directed to the main and rod bearings. Restrictors have a .055" I.D. hole and include two extra O-ring seals. Package of 2. ***Note: Not recommended for hydraulic lifter engines.***

ALL90070 ALL90071

Part No.	Description
ALL90070	SB/BB Chevy, Aluminum with Hex Head
ALL90071	SB Chevy Bowtie Block, Steel with Allen Head

Dart/Chevy SHP Oil Restrictors



Oil restrictors for use in Dart SB Chevy SHP blocks are specifically designed for the priority main oil system to reduce the amount of oil flow to the top of the engine, reducing the risk of evacuating the oil pan in continuous high-rpm engines. Kit includes two restrictors, an extra O-ring, and detailed installation instructions.

ALL90072	Restrictor Kit with .090" I.D. Hole
ALL90073†	Restrictor Kit with .030" I.D. Hole

† Smaller port size may be modified as needed for preferred amount of oiling.

Immersion Heaters

Immersion style heater preheats oil in wet sump oil pan or dry sump tanks to reduce overall warm up time and improve lubrication during initial start up. 5/8" diameter stainless steel sleeve inserts into pan or tank and secures with a welded on 1/2"NPT brass screw-in fitting. 120-volt operation. These are not thermostatically controlled, units will continue to heat as long as they are plugged in.

Part No.	Description
ALL76415	4-3/4" Long Heater Element with 3' Long Cord, 400W
ALL76416	7-1/2" Long Heater Element with 12" Long Cord, 250W

Heating Pads

ALL76422

High-temperature silicone heating pads externally preheat oil in wet sump oil pans, dry sump tanks and automatic transmission pans, reducing overall warm-up time, and improving lubrication during initial start up. 3" cord, 120-volt operation. These are not thermostatically controlled, units will continue to heat as long as they are plugged in.

Part No.	Description
ALL76420	2"x15", Self Adhesive Pad, 200W
ALL76422	5"x7", Self Adhesive Pad, 375W
ALL76424	6"x12", Velcro Strapped Pad for 6" O.D. Tanks, 435W

WARNING! Do not plug heater in without being installed on tank or metallic surface to absorb heat. Element heats up quickly and damage will result.

Chevy Distributor/Magneto Hold-Down *ALL27500*

Aluminum hold-down fits most aftermarket distributors and magnetos. An Allen head bolt prevents distributor from turning in the clamp so distributor can be removed and reinstalled without resetting the timing. Fits all Chevy V8 except 348-409. Will not fit Mallory magnetos.

SB Chevy Fuel Pump Mount Plate *ALL40254*

OE-style plate replaces lost or missing mounting plate required to mount mechanical-style fuel pump to most small block Chevrolet engines. Clear zinc-plated finish may also be painted to match original appearance. Mounting hardware included.

SB Chevy Fuel Pump Block-Off Plate

ALL40255

Plate covers mechanical fuel pump engine opening on most small block Chevrolets when omitting a mechanical-style fuel pump. Plate is often used when converting to electric or belt-driven fuel pumps. Clear zinc-plated finish may also be painted.

Billet Aluminum Fuel Pump Block-Off Plates

CNC-machined billet aluminum plates cover the mechanical pump opening in the engine block and include a gasket and stainless steel fasteners.

Description	Blue	Clear	Red	Black
SB Chevy	ALL40300	ALL40301	ALL40302	ALL40306
BB Chevy, SB/BB Ford*, SB/BB Chrysler	ALL40303	ALL40304	ALL40305	ALL40307

**** Will not fit Ford 351C, 351M-400.***

SB Chevy Timing Cover

ALL90010

Excellent replacement for distorted and leaky timing covers. Cover fits most popular standard small block Chevrolet.

SB Chevy Aluminum Timing Cover

ALL90008

Polished cast aluminum cover resists warping and leaking that is common with OE-style stamped steel covers. Recessed mounting holes are designed for button-head fasteners (ALL99390) for proper installation. Covers clear most double-roller style timing chains.

Part No.	Description
Related Part	
ALL99390	Timing Cover Fasteners

SB Chevy Timing Cover Seals

ALL87280

Seal works with stamped steel or aluminum covers.

Chevy Cam Lock Plate and Bolts

ALL90060

Kit includes camshaft retaining plate with locking tabs and three alloy steel, 150,000 PSI bolts. Fits all small and big block Chevys.

SB Chevy Billet Timing Covers (for Sprint Cars)

Machined billet aluminum timing cover is lightweight, durable and weighs over one pound less than cast aluminum covers. Fits major brand oil pumps. Mounting hardware included.

Part No.	Description
ALL90080	Standard Cam
ALL90081	Raised Cam

Aluminum Cam Seal Plates

Aluminum cam seal plate provides a reliable seal and tight fit.

Part No.	Size	Color	Application
ALL90085	2.103"	Black	GM Small Block
ALL90086	2.253"	Gold	Rodeck Block with 1.875 Roller Cam Bearing
ALL90087	2.310"	Blue	Most Blocks with 50mm Roller Cam Bearing
ALL90088	2.382"	Silver	Dart Small Block, Aluminum
ALL90089	—	—	Replacement Cam Plate Seal

Cam Button Spacers

Buttons limit lateral movement of the camshaft in engines without cam thrust plates and reduce friction for "free" horsepower. Machining of the cam sprocket may be required.

Part No.	Description
ALL90050	SB Chevy Aluminum, Early with Flat Timing Cover
ALL90052	SB Chevy Aluminum, Late with Indented Cover
ALL90054	SB Chevy Roller Bearing
ALL90053	BB Chevy Aluminum
ALL90055	BB Chevy Steel, Roller Bearing

SB Chevy Gear Drive Assemblies

Aluminum gear drive provides accurate cam timing and the ability to adjust valve timing without removing the oil pan. Aluminum frame features a built-in front oil pan gasket retainer and an idler gear cradle for accurate cam timing throughout the RPM range. Gear drive is complete with cam, crankshaft and idler gears, needle bearing thrust kits, offset degree bushing kit, extra-long dowel pins, and installation instructions. Gear drives are commonly used with ALL90080 and ALL90081 Billet Timing Covers or may be used with most stock-type covers such as the ALL90010 with slight modification.

Part No.	Description
ALL90000	Standard Cam Gear Drive
ALL90100	Raised Cam Gear Drive (+.391")
Replacement Parts	
ALL90001	Cam Gear
ALL90002	Crank Gear
ALL90003	Idler Gear
ALL90004	Cam Plate Shims, 10-Pack
ALL90005	Cam Degree Bushing Set
ALL90007	Thrust Washer Set

Breathers

Shielded or non-shielded clamp-on breathers will fit valve cover tubes.

Part No.	Description
Non-Shielded	
ALL36202	1-1/2"
ALL36204	1-3/8"
Shielded	
ALL36203	1-1/2"
ALL36205	1-3/8"

Breather Sock *ALL36208*

The breather sock fits over standard 3" diameter, 2-1/2" tall valve cover breathers to help catch residual oil discharged from the engine through valve cover breathers. A practical alternative to wrapping dirty shop rags around valve cover breathers! Socks are easily cleaned with a mild detergent.

Breather Filters

Mesh filters add another layer of protection against dirt, dust and debris. Fits 3" diameter breathers typically used on valve covers, breather tanks, and helmet systems.

Part No.	Description
ALL26227	Fits Non-Shielded Breathers
ALL26228	Fits Shielded Breathers

Breather Cover *ALL26232*

Water-repellent cover fits 3" diameter breathers commonly found on valve covers, breather tanks, and helmet systems. Cover with drawstring fits both shielded and non-shielded breathers.

Large Fill Plug Kits

Kits include a weld-in bung and an easy-grip O-ring cap with positive seal. Kits are often used as an inspection plug or a filler plug. Large fill plugs have a 3" opening. 3"-12 thread.

ALL36173

ALL36174

ALL36175

ALL36176

Part No.	Description
Kit with Aluminum Weld-In Bung	
ALL36170	Silver Kit
ALL36172	Red Kit
ALL36173	Polished Kit
Kit with Steel Weld-In Bung	
ALL36174	Silver Kit
ALL36175	Black Kit
ALL36176	Red Kit
ALL36177	Polished Kit

Small Fill Plug Kits

Kits include a weld-in or bolt-in bung and an easy grip O-ring cap with positive seal. Kits are often used as an inspection plug or a filler plug. Small fill plugs have a 1-3/8" opening with 1-1/2"-12 threads.

ALL36160

ALL36167

ALL36182

Part No.	Description
Kit with Aluminum Weld-In Bung	
ALL36160	Silver Kit
ALL36164	Black Kit
ALL36165	Red Kit
ALL36166	Polished Kit
Kit with Steel Weld-In Bung	
ALL36161	Silver Kit
ALL36167	Black Kit
ALL36168	Red Kit
ALL36169	Polished Kit
Kit with Aluminum Bolt-In Bung	
ALL36180	Silver Kit
ALL36181	Black Kit
ALL36182	Red Kit
ALL36183	Polished Kit

Weld Bungs

Weld-on bungs are available in 6061 aluminum or mild steel and allow additional fittings to be added to radiators or oil pans and for building of custom tanks or other components.

Size	O.D.	Aluminum	Steel
Female NPT			
1/8"-27NPT	3/4"	ALL50740	ALL50750
1/4"-18NPT	7/8"	ALL50741	ALL50751
3/8"-18NPT	1"	ALL50742	ALL50752
1/2"-14NPT	1-1/4"	ALL50743	ALL50753
3/4"-14NPT	1-3/8"	ALL50744	ALL50754
1"-11-1/2NPT	1-5/8"	ALL50745	—

Size	Thread	Flange O.D.	Aluminum	Steel
Male AN				
-4AN	7/16"-20	3/4"	ALL50760	ALL50770
-6AN	9/16"-18	7/8"	ALL50761	ALL50771
-8AN	3/4"-16	1"	ALL50762	ALL50772
-10AN	7/8"-14	1-1/8"	ALL50763	ALL50773
-12AN	1-1/16"-12	1-3/8"	ALL50764	ALL50774
-16AN	1-5/16"-12	1-5/8"	ALL50765	ALL50775
-20AN	1-5/8"-12	1-3/4"	ALL50766	ALL50776

Size	Thread	O.D.	Aluminum
Female AN ORB			
-4AN	7/16"-20	3/4"	ALL50780
-6AN	9/16"-18	7/8"	ALL50781
-8AN	3/4"-16	1"	ALL50782
-10AN	7/8"-14	1-1/8"	ALL50783
-12AN	1-1/16"-12	1-3/8"	ALL50784
-16AN	1-5/16"-12	1-5/8"	ALL50785

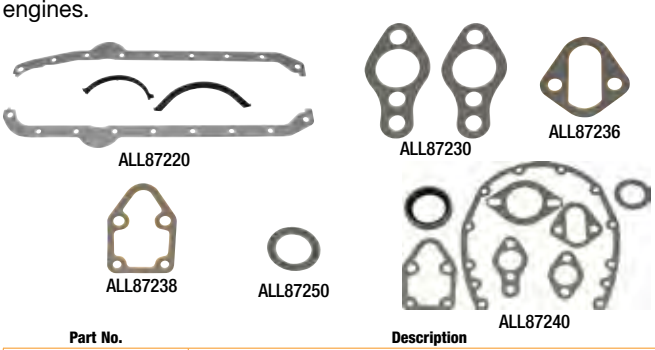
SB Chevy Header Gaskets

Durable reinforced steel core and graphite composite gaskets remain soft and pliable to conform to header and head surfaces, providing an excellent, long lasting seal. Sold each.

Part No.	Description
ALL87260	1-5/8" Square Port (Stock)
ALL87262	1-3/4" D-Port (Standard)
ALL87264	Spread Port (Staggered Bolt Pattern)

SB Chevy Gaskets

Popular gaskets and gasket sets for most 1955-85 SB Chevy engines.



Part No.	Description
ALL87220	Oil Pan Set, 1975 and later*
ALL87240	Front of Engine Set
ALL87230	Water Pump to Block
ALL87230-10	Water Pump to Block 10-Pack
ALL87231	Thermostat Housing
ALL87231-10	Thermostat Housing 10-Pack
ALL87236	Fuel Pump
ALL87236-10	Fuel Pump 10-Pack
ALL87238	Fuel Pump Plate
ALL87238-10	Fuel Pump Plate 10-Pack
ALL87250	Distributor Gasket
ALL87250-10	Distributor Gasket 10-Pack

This set only includes the thick front oil pan seal which is designed for 1975 and later engines and most aftermarket pans.

Chevy Aluminum Exhaust Block Off Plates

Aluminum block off plates seal exhaust ports during engine storage or repairs. Plates help protect against moisture, dust, and dirt.

Part No.	Description
ALL34212	SB Chevy
ALL34214	SB Chevy Spread Port

SB Chevy Plastic Exhaust Block-Off Plates

One-piece design 1/4" thick block-off plates seal exhaust ports during engine storage or repairs. Plates protect against moisture, dust, and dirt. Sold in pairs.

Part No.	Description
ALL34213	Standard 23°
ALL34215	Spread Port and Dart (Excluding 23°)
ALL34217	SB2

Engine Cover

ALL26234

Water-repellent cover with bottom drawstring is perfect for storage or transportation. 32" long x 23" wide x 28" tall.

Kent Gardner — Photo by: JohnnyB Imagery

Andrew Bogusz — Photo by: JohnnyB Imagery

3/16" Small Head Economy Rivets

Small head rivets have a 3/8" O.D. head. Packaged 250 per box.

Color	Steel Mandrel	Aluminum Mandrel	Grip Range
Silver	ALL18000	ALL18040	1/4" to 3/8"
White	ALL18001	—	1/4" to 3/8"
Red	ALL18002	—	1/4" to 3/8"
Black	ALL18003	—	1/4" to 3/8"
Blue	ALL18004	—	1/4" to 3/8"
Orange	ALL18005	—	1/4" to 3/8"
Yellow	ALL18006	—	1/4" to 3/8"
Silver	ALL18020	—	5/8" to 3/4"
White	ALL18021	—	5/8" to 3/4"
Red	ALL18022	—	5/8" to 3/4"
Black	ALL18023	—	5/8" to 3/4"

3/16" Small Head Rivets

Small head rivets have a 3/8" O.D. head. Packaged 250 per box.

Color	Steel Mandrel	Aluminum Mandrel	Grip Range
Silver	ALL18101	ALL18107	1/8" to 1/4"
Silver	ALL18103	ALL18109	1/4" to 3/8"
Silver	ALL18105	—	3/8" to 1/2"
White	ALL18114	ALL18116	1/4" to 3/8"
Red	ALL18120	ALL18122	1/4" to 3/8"
Black	ALL18126	ALL18128	1/4" to 3/8"
Pepsi Blue	ALL18132	—	1/4" to 3/8"
Chevron Blue	ALL18134	ALL18135	1/4" to 3/8"
Orange	ALL18136	ALL18137	1/4" to 3/8"
Yellow	ALL18138	ALL18139	1/4" to 3/8"

3/16" Large Head Economy Rivets

Large head rivets have a 5/8" O.D. head. Packaged 250 per box unless otherwise noted.

Color	Steel Mandrel	Aluminum Mandrel	Grip Range
Silver	ALL18010	ALL18050	1/4" to 3/8"
White	ALL18011	ALL18051	1/4" to 3/8"
Red	ALL18012	ALL18052	1/4" to 3/8"
Black	ALL18013	ALL18053	1/4" to 3/8"
Blue	ALL18014	ALL18054	1/4" to 3/8"
Orange	ALL18015	—	1/4" to 3/8"
Yellow	ALL18016	ALL18056	1/4" to 3/8"
Silver	ALL18030†	—	5/8" to 3/4"
White	ALL18031†	—	5/8" to 3/4"
Red	ALL18032†	—	5/8" to 3/4"
Black	ALL18033†	—	5/8" to 3/4"

† Contain 200pcs.

3/16" Large Head Rivets

Large head rivets have a 5/8" O.D. head. Packaged 250 per box.

Color	Steel Mandrel	Aluminum Mandrel	Grip Range
Silver	ALL18141	ALL18149	1/8" to 1/4"
Silver	ALL18143	ALL18151	1/4" to 3/8"
Silver	ALL18145†	—	3/8" to 1/2"
Silver	ALL18147	ALL18153	3/8" to 1/2"
White	ALL18156	ALL18158	1/4" to 3/8"
Red	ALL18162	ALL18164	1/4" to 3/8"
Black	ALL18168	ALL18170	1/4" to 3/8"
Pepsi Blue	ALL18174	ALL18175	1/4" to 3/8"
Chevron Blue	ALL18176	ALL18177	1/4" to 3/8"
Orange	ALL18178	—	1/4" to 3/8"
Yellow	ALL18180	ALL18181	1/4" to 3/8"

† Box of 3,000 rivets

3/16" Multi-Grip Rivets

Multi-grip style rivets have a ribbed body that draws panels together tighter than standard smooth body rivets. Select proper grip range and use with 13/64" drill bit for best results. Box of 250.

Color	Steel Mandrel	Aluminum Mandrel	Head Size	Grip Range
Silver	ALL18110	—	Sm. (3/8")	3/16" to 3/8"
Silver	ALL18090	ALL18070	Med. (1/2")	1/16" to 3/8"
Silver	ALL18086	ALL18074	Med. (1/2")	1/16" to 5/8"
Silver	ALL18094	—	Lg. (9/16")	1/16" to 3/8"
Silver	ALL18093	—	Lg. (9/16")	1/16" to 3/4"
White	ALL18092	—	Med. (1/2")	1/16" to 3/8"
White	ALL18096	—	Lg. (9/16")	1/16" to 3/8"
Black	ALL18091	ALL18071	Med. (1/2")	1/16" to 3/8"
Black	ALL18087	ALL18075	Med. (1/2")	1/16" to 5/8"
Black	ALL18095	—	Lg. (9/16")	1/16" to 3/8"
Black	ALL18097	—	Lg. (9/16")	1/16" to 3/4"

3/16" Tri-Fold Rivets

Tri-fold rivets have a perforated body that opens and expands to create a large backside surface area, eliminating the need for backer washers. Use a 13/64" drill bit for best results. Box of 250.

Color	Steel Mandrel	Aluminum Mandrel	Head Size	Grip Range
Silver	—	ALL18184	Sm. (3/8")	1/8" to 3/8"
Silver	—	ALL18183	Med. (1/2")	1/8" to 3/8"
Silver	ALL18185	—	Med. (1/2")	1/8" to 1/2"
Silver	—	ALL18060	Lg. (5/8")	1/8" to 3/8"
White	—	ALL18080	Sm. (3/8")	1/8" to 3/8"
White	—	ALL18188	Med. (1/2")	1/8" to 3/8"
White	—	ALL18061	Lg. (5/8")	1/8" to 3/8"
Red	—	ALL18081	Sm. (3/8")	1/8" to 3/8"
Red	—	ALL18189	Med. (1/2")	1/8" to 3/8"
Red	—	ALL18062	Lg. (5/8")	1/8" to 3/8"
Black	—	ALL18082	Sm. (3/8")	1/8" to 3/8"
Black	—	ALL18187	Med. (1/2")	1/8" to 3/8"
Black	—	ALL18063	Lg. (5/8")	1/8" to 3/8"
Chevron Blue	—	ALL18083	Sm. (3/8")	1/8" to 3/8"
Orange	—	ALL18084	Sm. (3/8")	1/8" to 3/8"
Yellow	—	ALL18085	Sm. (3/8")	1/8" to 3/8"

1/8" Rivets

Color	Stainless Steel Mandrel	Aluminum Mandrel	Qty.	Grip Range
Silver	—	ALL18190	500	1/8" to 1/4"
Silver	—	ALL18191	25	1/8" to 1/4"
Silver	—	ALL18192	500	1/4" to 3/8"
Silver	—	ALL18194	25	1/4" to 3/8"
Black	—	ALL18193	500	1/8" to 1/4"
Black	—	ALL18195	500	1/4" to 3/8"
Stainless Steel*	ALL18196	—	500	1/8" to 1/4"
Stainless Steel*	ALL18197	—	25	1"

** Stainless steel body and mandrel.*

1/8" Multi-Grip Rivets

Multi-grip style rivets have a ribbed body that draws panels together tighter than standard smooth body rivets. Rivets feature steel mandrels, a 1/8" to 3/8" grip range, and are sold in 250-piece boxes.

Part No.	Description
ALL18198	Silver
ALL18098	Black

1/8" Flange Tri-Fold Rivets

Tri-fold rivets have a perforated body that opens and expands to create a large backside surface area, eliminating the need for backer washers. Rivets feature aluminum mandrels, a 1/8" to 3/8" grip range, and are sold in 100-piece boxes.

Part No.	Description
ALL18199	Silver
ALL18099	Black

Back-Up Washers

Back-up washers provide added strength when fastening panels together or when resecuring damaged panels.

Part No.	I.D.	O.D.	Pkg. Qty.
Aluminum			
ALL18200	1/8"	3/8"	500
ALL18202	3/16"	1/2"	500
Steel			
ALL18215	3/16"	1"	100

ALL18200

ALL18215

Quick-Turn Fasteners

Body Size	Length	Silver 10 Pack	Silver 50 Pack	Black 10 Pack	Black 50 Pack
Flush Head					
Aluminum					
5/16"	.500"	ALL19256	—	ALL19257	—
7/16"	.400"	ALL19260	ALL19262	ALL19261	ALL19263
7/16"	.500"	ALL19266	ALL19268	ALL19267	ALL19269
7/16"	.550"	ALL19270	ALL19272	ALL19271	—
7/16"	.750"	ALL19274	—	—	—
Steel					
5/16"	.500"	ALL19186	ALL19188	—	—
7/16"	.400"	ALL19190	ALL19192	—	—
7/16"	.500"	ALL19200	ALL19202	—	—
7/16"	.550"	ALL19210	ALL19212	—	—

Body Size	Length	Silver 10 Pack	Silver 50 Pack	Black 10 Pack	Black 50 Pack
Flush Head Self-Ejecting					
Aluminum					
5/16"	.500"	ALL18997	ALL18999	ALL19004	ALL19005
7/16"	.500"	ALL19113	ALL19114	ALL19115	ALL19116
Steel					
5/16"	.400"	ALL18990	ALL18992	ALL18991	—
5/16"	.450"	ALL18996	ALL18998	—	—
5/16"	.500"	ALL19000	ALL19002	ALL19001	—
5/16"	.550"	ALL19006	ALL19008	—	—
7/16"	.650"	ALL19010	ALL19012	—	—
7/16"	.500"	ALL19100	ALL19102	ALL19098	ALL19099
7/16"	.550"	ALL19110	ALL19112	ALL19101	—

Quick-Turn Fasteners - Cont.

Body Size	Length	Silver 10 Pack	Silver 50 Pack	Black 10 Pack	Black 50 Pack
Flush Head Allen					
Aluminum					
7/16"	.500"	ALL19117	ALL19118	ALL19140	ALL19141
Steel					
7/16"	.500"	ALL19142	ALL19143	—	—
7/16"	.550"	ALL19144	ALL19145	—	—

Body Size	Length	Silver 10 Pack	Silver 50 Pack	Black 10 Pack	Black 50 Pack
Flush Head Self-Ejecting Allen					
Aluminum					
5/16"	.500"	—	—	ALL19128	ALL19129
5/16"	.500"	—	—	ALL19134	ALL19135
Steel					
5/16"	.500"	ALL19130	ALL19131	—	—
5/16"	.550"	ALL19132	ALL19133	—	—
5/16"	.500"	ALL19144	ALL19145	—	—
5/16"	.550"	ALL19144	ALL19145	—	—

Body Size	Length	Silver 10 Pack	Silver 50 Pack	Black 10 Pack	Black 50 Pack
Quick-Turn Winged Head					
Steel					
7/16"	.400"	ALL19236	—	—	—
7/16"	.500"	ALL19240	ALL19242	ALL19241	ALL19243
7/16"	.550"	ALL19250	—	—	—

Body Size	Length	Silver 10 Pack	Black 10 Pack	Black 50 Pack
Winged Head Self-Ejecting				
Steel				
5/16"	.450"	ALL19046	—	—
5/16"	.500"	ALL19050	—	—
5/16"	.550"	ALL19056	—	—
5/16"	.650"	ALL19060	—	—
7/16"	.500"	ALL19064	—	—
7/16"	.650"	ALL19068	—	—

Body Size	Length	Silver 10 Pack	Silver 50 Pack	Black 10 Pack	Black 50 Pack
Oval Head					
Aluminum					
5/16"	.500"	ALL19276	ALL19278	ALL19277	—
7/16"	.400"	ALL19280	ALL19282	ALL19281	ALL19003
7/16"	.500"	ALL19286	ALL19288	ALL19284	ALL19285
7/16"	.550"	ALL19290	ALL19292	ALL19291	ALL19293
7/16"	.600"	—	—	ALL19294	ALL19295
Steel					
1/4"*	.400"	ALL19211	ALL19213	ALL19224	ALL18993
5/16"	.500"	ALL19214	ALL19215	ALL19226	ALL19005
7/16"	.400"	ALL19216	ALL19218	—	—
7/16"	.500"	ALL19220	ALL19222	ALL19228	ALL19229
7/16"	.550"	ALL19230	ALL19232	ALL19231	ALL19233

** Use with .062" diameter spring.*

Quick-Turn Fasteners - Cont.

Body Size	Length	Silver 10 Pack	Silver 50 Pack	Black 10 Pack	Black 50 Pack
Oversized Oval Head					
Aluminum					
7/16"	.500"	ALL19287	ALL19289	ALL19168	ALL19169
Steel					
7/16"	.500"	ALL19221	ALL19223	ALL19170	ALL19171

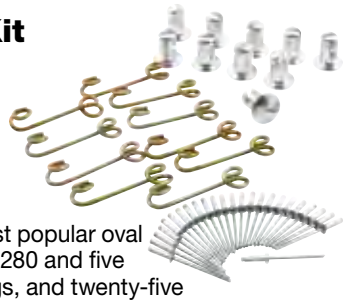
Body Size	Length	Silver 10 Pack	Silver 50 Pack	Black 10 Pack	Black 50 Pack
Oval Head Allen					
Aluminum					
7/16"	.500"	ALL19172	ALL19173	ALL19176	ALL19177
Steel					
5/16"	.500"	ALL19152	—	—	—
5/16"	.550"	ALL19154	—	—	—
7/16"	.500"	ALL19162	ALL19163	—	—
7/16"	.500"	ALL19164	ALL19165	—	—

Body Size	Length	Silver 10 Pack	Silver 50 Pack	Black 10 Pack	Black 50 Pack
Oversized Oval Head Aluminum Allen					
Aluminum					
7/16"	.500"	ALL19180	ALL19181	ALL19178	ALL19179

Body Size	Length	Silver 10 Pack	Silver 50 Pack	Black 10 Pack	Black 50 Pack
Oval Head Aluminum T-30 Torx					
Aluminum					
7/16"	.500"	ALL19071	ALL19072	ALL19073	ALL19074
7/16"	.500"	ALL19075	—	ALL19077	ALL19078

Quick-Turn Starter Kit

ALL19410



Not sure where to start when using quick-turn fasteners? Use this kit as a starting point to determine correct fasteners for application. Kit includes two different lengths of Allstar's most popular oval head 7/16" fasteners (five ALL19280 and five ALL19286), ten ALL19330 springs, and twenty-five multi-grip rivets.

Body Reinforcing Plates

Plates help protect fiberglass and aluminum panels from cracking when using 7/16" quick-turn fasteners. Stainless steel plates are precision stamped with a strengthening border, attach with 1/8" rivets, and measure 2" wide x 1" tall.

Part No.	Description
Natural	
ALL18985	10-Pack
ALL18985-50	50-Pack
Black	
ALL18986	10-Pack
ALL18986-50	50-Pack

Quick-Turn Springs

	10-Pack	50-Pack
1-3/8" (.090" Wire Diameter)		
.325" Reach	ALL19320	ALL19322
.375" Reach	ALL19330	ALL19332
.425" Reach	ALL19336	ALL19338
1" (.080" Wire Diameter)		
.250" Reach	ALL19300	ALL19302
.325" Reach	ALL19310	ALL19312
3/4" (.062" Wire Diameter)		
.200" Reach	ALL19296	ALL19298

Mounting Brackets for 1" Springs (.0625" Thick)

ALL19364

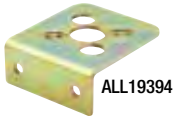
Description	10-Pack	50-Pack
Weld-on, Lightweight	ALL19364	ALL19366
Weld-on Lightweight with .250" Spring	ALL19365	ALL19367
Weld-on	ALL19340	ALL19342
Weld-on with ALL19300 Spring	ALL19350	ALL19352

ALL19340

Mounting Brackets for 1" and 1-3/8" Springs (.0625" Thick)

ALL19384

Description	10-Pack	50-Pack
Weld-on, Lightweight (for 1-3/8" Spring Only)	ALL19360	ALL19362
Weld-on, Lightweight with .375" Spring	ALL19361	ALL19363
Weld-on LH	ALL19380	ALL19382
Weld-on RH	ALL19384	ALL19386
Rivet-on LH	ALL19390	ALL19392
Rivet-on RH	ALL19394	ALL19396


ALL19394

ALL19360

TECH TIP

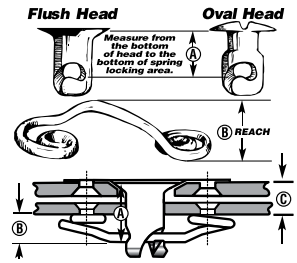
Quick-Turn Fastener Measurement Guidelines

To find (A) Fastener Length, add together (B) Spring Reach and (C) Material Thickness (including bracket if applicable). A=B+C

Quick-Turn Fastener Selection

- Determine the total thickness of the panels being joined, including mounting brackets and the space between the panels, if any.
- Select the proper body length and spring height combination that provides the proper thickness range.

Spring Length "B"	Fastener Length "A" .400"	.450"	.500"	.550"	.600"
	Total Material Thickness "C"				
1" Springs					
.250"	.165"-.200"	.215"-.250"	.265"-.300"	.315-.350"	.365"-.400"
.325"	.098"-.133"	.148"-.183"	.198"-.233"	.248"-.283"	.348"-.383"
1-3/8" Springs					
.325"	.105"-.148"	.155"-.198"	.205"-.248"	.255"-.298"	.355"-.398"
.375"	.055"-.098"	.105"-.148"	.155"-.198"	.205"-.248"	.305"-.348"
.425"	.005"-.048"	.055"-.098"	.105"-.148"	.155"-.198"	.255"-.298"



Clamp-On Quick-Turn Fastener Brackets

These cool brackets allow you to clamp a quick-turn bracket to round tubing. Allows a flush-mount bracket behind a panel without grinding your powder coat. Designed for use with 1-3/8" quick turn springs, insert plates or threaded nut inserts. Black anodized.

Part No.	Description
ALL19430	1"
ALL19431	1-1/4"
ALL19432	1-3/8"
Related Components	
ALL19330	Quick-Turn Spring 1-3/8" (Most Popular)
ALL19422	Quick-Turn Insert Plate, 1/4"-20 Thread
ALL18547	Threaded Nut Insert, Steel, 1/4"-20 Thread
ALL18548	Threaded Nut Insert, Aluminum, 1/4"-20 Thread
ALL19433	1-1/2"
ALL19434	1-5/8"
ALL19435	1-3/4"

Aluminum Washer Countersunk Bolt Kits

Kit includes specially designed aluminum washers which allow the socket-head fasteners to install flush with the surface, creating a smooth finished look. Many uses include mounting roofs, side skirts, spoilers, and replacing sharp-edged fasteners inside cockpit. Kits include washers, bolts, and nyloc nuts.

Bolt Size	Washer O.D.	Finish	10-Pack	50-Pack
Countersunk Bolt Kits				
#10-24 x 1"	1"	Clear	ALL18630	ALL18630-50
#10-24 x 1"	1"	Black	ALL18631	ALL18631-50
1/4"-20 x 1"	3/4"	Clear	ALL18628	ALL18628-50
1/4"-20 x 1"	3/4"	Black	ALL18629	ALL18629-50
1/4"-20 x 1"	1"	Clear	ALL18632	ALL18632-50
1/4"-20 x 1"	1"	Black	ALL18633	ALL18633-50
1/4"-20 x 1"	1-1/4"	Clear	ALL18634	ALL18634-50
1/4"-20 x 1"	1-1/4"	Black	ALL18635	ALL18635-50

Aluminum Washers

ALL18660 ALL18663 ALL18638

Washer I.D. x O.D.	Finish	10-Pack	50-Pack
Countersunk Aluminum Washers			
#10 x 1"	Clear	ALL18660	ALL18660-50
#10 x 1"	Black	ALL18661	ALL18661-50
1/4" x 3/4"	Clear	ALL18658	ALL18658-50
1/4" x 3/4"	Black	ALL18659	ALL18659-50
1/4" x 1"	Clear	ALL18662	ALL18662-50
1/4" x 1"	Black	ALL18663	ALL18663-50
1/4" x 1-1/4"	Clear	ALL18664	ALL18664-50
1/4" x 1-1/4"	Black	ALL18665	ALL18665-50
Flat Aluminum Backer Washers			
#10 x 1"	Clear	ALL18638	—
1/4" x 1"	Clear	ALL18639	—

Spin Lock Nuts

Nuts have a built-in washer with a serrated face to lock nut tight against panels. 1/4"-20 nuts are perfect to use as a backer nut with Allstar body bolts, nose bolts, and body stud kits.

Color	10-Pack	50-Pack
Black	ALL18555	ALL18555-50
Gold	ALL18556	ALL18556-50
Silver	ALL18557	ALL18557-50

Aluminum Body Bolt Washers

1-1/4" O.D. aluminum washers work with most body bolts to increase the surface area, preventing pull-through while providing a smooth, finished look. Washers are 1/8" thick and have a built-in pocket to accept most body bolts or other washer-headed fasteners up to 3/4" in diameter.

Finish	10-Pack	50-Pack
Clear	ALL18840	ALL18840-50
Black	ALL18841	ALL18841-50

Threaded Nut Insert

Insert provides a convenient option to quickly install and easily remove a 1/4"-20 fastener on panels up to 1/8" thick. Insert fits into a 3/8" O.D. hole and is held in place on the backside with a serrated steel locking nut. Internal threads accept fasteners ideal for mounting dash panels, access panels, body panels, electrical components, or other accessories.

2-Pack	10-Pack	50-Pack
Steel		
ALL18547	ALL18547-10	ALL18547-50
Aluminum		
ALL18548	ALL18548-10	ALL18548-50

Quick-Turn Fastener Insert Plates

Insert plate directly replaces the quick-turn spring allowing panels to be bolted together or used as a blind nut on a panel with limited access. Inserts have 1/4"-20 threads and are typically riveted to the backside of a panel or bracket with 1/8" rivets.

ALL19420 ALL19422

Part No.	Description
1"	
ALL19420	2-Pack
ALL19420-10	10-Pack
ALL19420-50	50-Pack
1-3/8"	
ALL19422	2-Pack
ALL19422-10	10-Pack
ALL19422-50	50-Pack

Hex-Head Bolts – Coarse Thread Grade 5

Length	1/4"–20	5/16"–18	3/8"–16	7/16"–14	1/2"–13	5/8"–11	3/4"–10
3/4"	ALL16201	ALL16221	ALL16241	—	ALL16281	—	—
1"	ALL16202	ALL16222	ALL16242	ALL16262	ALL16282	—	—
1–1/4"	ALL16203	ALL16223	ALL16243	ALL16263	ALL16283	—	—
1–1/2"	ALL16204	ALL16224	ALL16244	ALL16264	ALL16284	—	—
1–3/4"	ALL16205	ALL16225	ALL16245	ALL16265	ALL16285	—	—
2"	ALL16206	ALL16226	ALL16246	ALL16266	ALL16286	ALL16316	ALL16336
2–1/4"	—	—	—	—	ALL16287	—	—
2–1/2"	ALL16208	ALL16228	ALL16248	ALL16268	ALL16288	ALL16318	ALL16338
2–3/4"	—	—	—	—	ALL16289	–	—
3"	ALL16210	—	ALL16250	ALL16270	ALL16290	ALL16320	ALL16340
3–1/2"	ALL16211	—	—	ALL16271	ALL16291	ALL16321	–
4"	ALL16212	—	ALL16252	ALL16272	ALL16292	ALL16322	ALL16342
4–1/2"	ALL16213	—	—	ALL16273	ALL16293	—	—
5"	ALL16214	—	ALL16254	—	ALL16294	ALL16324	ALL16344
6"	—	—	ALL16256	—	ALL16296	—	ALL16346
6–1/2"	—	—	—	—	—	—	ALL16347
7"	—	—	ALL16258	—	ALL16298	—	ALL16348
8"	—	—	—	—	—	—	ALL16350

Hex-Head Bolts – Fine Thread Grade 5

Length	1/4"–28	5/16"–24	3/8"–24	7/16"–20	1/2"–20	5/8"–18	3/4"–16
1"	ALL16402	ALL16422	ALL16442	ALL16462	ALL16482	—	—
1–1/2"	ALL16404	ALL16424	—	ALL16464	ALL16484	—	—
2"	ALL16406	ALL16426	ALL16446	ALL16466	ALL16486	—	ALL16536
2–1/2"	—	—	—	ALL16468	ALL16488	ALL16518	ALL16538
3"	—	—	—	ALL16470	ALL16490	ALL16520	ALL16540
3–1/2"	—	—	—	—	—	—	ALL16541
4"	—	—	—	ALL16472	ALL16492	ALL16522	ALL16542
5"	—	—	—	ALL16474	ALL16494	—	—
6"	—	—	—	ALL16476	—	—	ALL16546

Titanium Bolts

Titanium bolts have a dimpled low profile hex head and are available in a variety of fine and coarse thread lengths.

Titanium Hex-Head Bolts - Fine Thread

Length	1/2"–20	5/8"–18	3/4"–16
1-1/4"	—	—	—
1-3/4"	—	—	—
2"	ALL17486	—	—
2-1/4"	—	ALL17517	—
2-1/2"	ALL17488	ALL17518	—
2-3/4"	ALL17489	ALL17519	—
3"	ALL17490	ALL17520	ALL17540
3-1/4"	ALL17491	ALL17521	ALL17541
3-1/2"	ALL17492	ALL17522	ALL17542
4-1/4"	ALL17495	—	—
4-1/2"	ALL17496	—	—
5-1/2"	—	—	—
6"	—	—	ALL17549
7"	—	ALL17531	—
7-1/4"	—	—	ALL17552

Titanium Hex-Head Bolts - Coarse Thread

Length	5/16"–18	1/2"–13
1"	ALL17222	—
1-1/4"	ALL17223	—
1–1/2"	—	—
1-3/4"	—	ALL17285
2"	—	ALL17286
2-1/4"	—	ALL17287
2-1/2"	—	ALL17288
2-3/4"	—	ALL17289
3"	—	ALL17290
3-1/2"	—	ALL17291

Hex Nuts and Washers

Nut

Nylon Insert

Thin Nylon Insert

Mechanical Lock Nut

Flange Nut

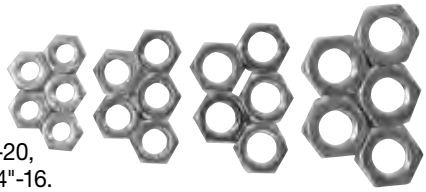
Description	1/4"–20	5/16"–18	3/8"–16	7/16"–14	1/2"–13	5/8"–11	3/4"–10
Coarse Thread							
Nut, 10-Pack	ALL16000-10	ALL16001-10	ALL16002-10	ALL16003-10	ALL16004-10	ALL16005-10	ALL16006-10
Nut, 50-Pack	ALL16000-50	ALL16001-50	ALL16002-50	ALL16003-50	ALL16004-50	—	—
Nylon Insert, 10-Pack	ALL16010-10	ALL16011-10	ALL16012-10	ALL16013-10	ALL16014-10	ALL16015-10	ALL16016-10
Nylon Insert, 50-Pack	ALL16010-50	ALL16011-50	ALL16012-50	ALL16013-50	ALL16014-50	—	—
Thin Nylon Insert, 10-Pack	ALL16020-10	ALL16021-10	ALL16022-10	ALL16023-10	ALL16024-10	ALL16025-10	ALL16026-10
Mech. Lock Nut, 10-Pack	ALL16030-10	ALL16031-10	ALL16032-10	ALL16033-10	ALL16034-10	—	ALL16036-10
Flange Nut, 10-Pack	ALL18557	ALL16041-10	ALL16042-10	ALL16043-10	ALL16044-10	ALL16045-10	—

Description	1/4"–28	5/16"–24	3/8"–24	7/16"–20	1/2"–20	5/8"–18	3/4"–16
Fine Thread							
Nut, 10-Pack	ALL16050-10	ALL16051-10	ALL16052-10	ALL16053-10	ALL16054-10	ALL16055-10	–
Nylon Insert, 10-Pack	ALL16060-10	ALL16061-10	ALL16062-10	ALL16063-10	ALL16064-10	ALL16065-10	ALL16066-10
Thin Nylon Insert, 10-Pack	ALL16070-10	ALL16071-10	ALL16072-10	ALL16073-10	ALL16074-10	ALL16075-10	ALL16076-10
Mech. Lock Nut, 10-Pack	ALL16080-10	ALL16081-10	ALL16082-10	ALL16083-10	ALL16084-10	ALL16085-10	ALL16086-10

Description	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"
Washers							
USS Flat*, 25-Pack	ALL16100-25	ALL16101-25	ALL16102-25	ALL16103-25	ALL16104-25	—	—
SAE Flat*, 25-Pack	ALL16110-25	ALL16111-25	ALL16112-25	ALL16113-25	ALL16114-25	ALL16115-25	ALL16116-25
Lock, 25-Pack	ALL16120-25	ALL16121-25	ALL16122-25	ALL16123-25	ALL16124-25	ALL16125-25	ALL16126-25
Lock For SHCS, 25-Pack	ALL16130-25	ALL16131-25	—	ALL16133-25	—	—	—
AN, 25-Pack	ALL16150-25	ALL16151-25	ALL16152-25	ALL16153-25	ALL16154-25	—	—

**** USS washers have a larger O.D. than SAE washers***

Steel Jam Nut Assortments



Assortments contain five each of 1/4"-20, 5/16"-24, 3/8"-24, 7/16"-20, 1/2"-20, 5/8"-18, and 3/4"-16.

Part No.	Description
ALL18290	35 Asst. RH Jam Nuts
ALL18291	35 Asst. LH Jam Nuts

Jam Nuts - Standard Hex

Allstar jam nuts have many uses. Great for locking rod ends tightly on suspension tubes or rack and pinion steering units. Package of 4, unless noted.

Thread	Wrench	Steel	Aluminum
1/4"-28 RH	7/16"	ALL18250	—
1/4"-28 LH	7/16"	ALL18251	—
5/16"-24 RH	1/2"	ALL18252	—
5/16"-24 LH	1/2"	ALL18253	—
3/8"-24 RH	9/16"	ALL18254	ALL18274
3/8"-24 LH	9/16"	ALL18255	ALL18275
7/16"-20 RH	11/16"	ALL18256	ALL18276
7/16"-20 LH	11/16"	ALL18257	ALL18277
1/2"-20 RH	3/4"	ALL18258	ALL18278
1/2"-20 LH	3/4"	ALL18259	ALL18279
5/8"-18 RH	15/16"	ALL18260	ALL18280
5/8"-18 LH	15/16"	ALL18261	ALL18281
3/4"-16 RH	1-1/8"	ALL18262	ALL18282
3/4"-16 LH	1-1/8"	ALL18263	ALL18283
3/4"-10 RH	1-1/8"	ALL18264*	—
7/8"-9 RH	1-5/16"	ALL18266*	—
1"-8 RH	1-1/2"	ALL56110*	—

**** Sold each.***

Jam Nuts - Small Hex

Specialty jam nuts have smaller outside diameters, allowing smaller wrenches to be used when changing radius rod lengths. Package of 4. ***Example: with 1/2" bolts, the same 3/4" wrench can be used to adjust radius rod or mounting hole locations.***

Thread Size	Wrench Size	Steel	Aluminum	Black Aluminum
5/8"-18 RH	3/4"	ALL18292	ALL18296	ALL18286
5/8"-18 LH	3/4"	ALL18293	ALL18297	ALL18287
3/4"-16 RH	15/16"	ALL18294	ALL18298	ALL18288
3/4"-16 LH	15/16"	ALL18295	ALL18299	ALL18289

Black Half Nuts *ALL17048*

Black plated steel 1/2"-20 nylon lock nuts are grade 8 and a lightweight option to keep fasteners in place. Package of 10.

Hourglass Spacers

Tired of simple spacers on your cool ride, these spacers look nice while also offering additional support on both ends. Package of 2.

Length	1/4" I.D. 1" O.D.	5/16" I.D. 1" O.D.	3/8" I.D. 1" O.D.	1/2" I.D. 1-1/2" O.D.
1/4"	ALL18800	ALL18810	ALL18820	ALL18830
1/2"	ALL18802	ALL18812	ALL18822	ALL18832
1"	ALL18804	ALL18814	ALL18824	ALL18834
1-1/2"	ALL18806	ALL18816	ALL18826	ALL18836
2"	ALL18808	ALL18818	ALL18828	ALL18838

Tapered Spacers

Universal spacers have many uses including spacing rod ends on linkages to prevent binding or just to provide clearance. Spacers provide a finished look when fitting body panels or spacing components away from floors and firewalls. Package of 2.

I.D.	Small O.D.	Large O.D.	Length	Steel	Aluminum
1/4"	.345"	.500"	1/4"	—	ALL18700
			1/2"	—	ALL18702
5/16"	.475"	.625"	1/4"	—	ALL18706
			1/2"	—	ALL18708
3/8"	.525"	.680"	1/4"	—	ALL18712
			1/2"	—	ALL18714
			1"	—	ALL18716
1/2"	.740"	.995"	1/4"	ALL18570	ALL18590
			3/8"	ALL18571	—
			1/2"	ALL18572	ALL18592
			3/4"	ALL18574	ALL18594
			1"	ALL18576	ALL18596
			1-1/2"	ALL18578	ALL18595
5/8"	.825"	.995"	1/4"	ALL18580	ALL18597
			1/2"	ALL18582	ALL18598
			3/4"	ALL18584	ALL18599
			1"	ALL18586	—
			1-1/2"	ALL18585	—
3/4"	.950"	1.125"	1/2"	ALL18587	—
			3/4"	ALL18588	—
			1"	ALL18589	—

Aluminum Flat Spacers

Flat spacers are great for shimming and adding additional clearance to brackets for brake calipers, power steering, alternators, dry sump pumps, or just about anything to help with alignment issues. Package of 2.

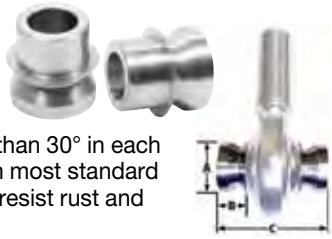
Length	3/8" I.D. (11/16" O.D.)	1/2" I.D. (1" O.D.)
1/8"	ALL18740	ALL18760
1/4"	ALL18742	ALL18762
3/8"	ALL18744	ALL18764
1/2"	ALL18746	ALL18766

Rod End Reducer Bushings

Steel bushings reduce the rod end pivot ball I.D. to accept a smaller bolt size.

O.D. To I.D.	2-Pack	10-Pack
1/2" To 3/8"	ALL18565	ALL18565-10
5/8" To 1/2"	ALL18566	ALL18566-10
3/4" To 1/2"	ALL18567	ALL18567-10
3/4" To 5/8"	ALL18568	ALL18568-10

High Misalignment Reducer Spacers



Dual-purpose spacers reduce fastener size mounting hole and allow the rod end to rotate more than 30° in each direction which is 25% more than most standard spacers. Stainless steel spacers resist rust and corrosion. Package of 2.

Rod End Size	I.D.	O.D. "A"	Length "B"	Overall Width "C"	Part No.
5/8"	1/2"	.750"	.465"	1.68"	ALL18785
3/4"	1/2"	.890"	.475"	1.825"	ALL18786
3/4"	5/8"	.890"	.475"	1.825"	ALL18787

5/8" Rod End Reducer Spacers

ALL18615 ALL18612

Reducer spacers fit into 5/8" rod ends, reducing the hole size for 1/2" hardware while also spacing the rod end away from chassis brackets. Standard spacers are 3/4" O.D. and flanged spacers have 1" O.D. flanges to help support rod end. Size referenced indicates the amount of space between rod end pivot ball and chassis bracket. Package of 2.

Part No.	Description
Standard Spacers	
Aluminum	
ALL18615	1/2"
ALL18617	1"
ALL18618	1-1/4"
ALL18619	1-3/4"
Flanged Spacers	
Aluminum	
ALL18611	1/4"
ALL18613	1/2"
Steel	
ALL18610	1/4"
ALL18612	1/2"

ALL18615 - Detail

ALL18612 - Detail

Shock Spacers

Steel spacers have a 1/2" I.D. and 3/4" O.D. and can be used in a variety of other locations.

Length	2-Pack	10-Pack
1/4"	ALL64280	ALL64280-10
1/2"	ALL64282	ALL64282-10
5/8"	ALL64283	ALL64283-10
3/4"	ALL64284	ALL64284-10

Rod Ends

Two-piece spherical rod ends have a pivoting steel ball and are sold each.

Bore x Thread	RH Male	LH Male	RH Female	Strength
Standard Series Steel				
1/4" x 1/4"-28	ALL58004	ALL58014	ALL58034	2,835 lbs.
5/16" x 5/16"-24	ALL58005	ALL58015	ALL58035	4,517 lbs.
3/8" x 3/8"-24	ALL58006	ALL58016	ALL58036	6,323 lbs.
1/2" x 1/2"-20	ALL58008	ALL58018	ALL58038	10,046 lbs.
5/8" x 5/8"-18	ALL58010	ALL58020	ALL58040	15,488 lbs.
3/4" x 3/4"-16	ALL58012	ALL58022	ALL58042	15,894 lbs.
3/4" x 3/4"-16	ALL58013*	—	—	15,894 lbs.
Pro Series Steel (Moly) – Black				
1/2" x 1/2"-20	ALL58058	ALL58068	—	17,000 lbs.
1/2" x 5/8"-18	ALL58059	ALL58069	—	19,300 lbs.
5/8" x 5/8"-18	ALL58060	ALL58070	—	18,000 lbs.
3/4" x 3/4"-16	ALL58062	ALL58072	—	25,000 lbs.
Pro Series Steel (Moly) – Black (PTFE Lined)				
1/2" x 1/2"-20	ALL58078	ALL58083	—	16,240 lbs.
1/2" x 5/8"-18	ALL58079	ALL58084	—	17,650 lbs.
5/8" x 5/8"-18	ALL58080	ALL58085	—	15,200 lbs.
3/4" x 3/4"-16	ALL58082	ALL58086	—	21,400 lbs.
Aluminum – Black				
1/2" x 1/2"-20	ALL58088	ALL58098	—	7,700 lbs.
1/2" x 5/8"-18	ALL58089	ALL58099	—	15,000 lbs.

**** ALL58013 has an oversized hole and is for use with steering shaft tubing.***

Hair Pins

Zinc-coated hair pins are formed from .093" diameter steel wire. Package of 2.

Part No.	Description
ALL18442	1-5/8"
ALL18444	2-1/2"

Diaper Pins

Steel diaper pins are zinc coated. Sold each.

Part No.	Description
ALL18446	1-3/4", .060" Diameter
ALL18448	2-3/4", .090" Diameter

Lock Pins

Use lock pin in place of a bolt for items that need to be removed frequently or easily. Wire loop folds over pin to lock in place. Size noted is under-head length to end of pin. Sold each.

Part No.	Description
ALL18452	1/4" x 2"
ALL18454	5/16" x 2-3/4"

Universal Line Clamps

Two-piece aluminum clamps dress up wiring or hard lines. Package of 4.

Part No.	Description
ALL18320	3/16"
ALL18321	1/4"
ALL18322	5/16"
ALL18323	3/8"

Line Clamps

Aluminum clamps have a protective neoprene cushion to prevent abrasion and a 1/4" mounting hole to secure electrical wiring, hoses, or cables to a panel or frame. Black nylon clamps have a 3/16" mounting hole to secure electrical wiring, hoses, or cables to a panel or frame.

	Aluminum		Nylon	
Clamp Size	10-Pack	50-Pack	10-Pack	50-Pack
1/8"	–	–	ALL18309	ALL18309-50
3/16"	ALL18300	ALL18300-50	ALL18310	ALL18310-50
1/4"	ALL18301	ALL18301-50	ALL18311	ALL18311-50
3/8"	ALL18302	ALL18302-50	ALL18312	ALL18312-50
1/2"	ALL18303	ALL18303-50	ALL18313	ALL18313-50
5/8"	ALL18304	ALL18304-50	ALL18314	ALL18314-50
3/4"	ALL18305	ALL18305-50	ALL18315	ALL18315-50
7/8"	ALL18306	ALL18306-50	—	—
1"	ALL18307	ALL18307-50	ALL18317	ALL18317-50
1-1/4"	ALL18308	ALL18308-50	—	—

Hose Clamps

Heavy-duty all stainless steel construction clamps are easily tightened with a deep-slot hex-head screw. Superior to standard hardware store clamps.

Part No.	Min O.D.	Max O.D.
2-Pack		
ALL18330	1/4"	5/8"
ALL18332	1/2"	1-1/8"
ALL18334	1"	2"
ALL18336	1-5/16"	2-1/4"
ALL18338	1-9/16"	2-1/2"
ALL18340	1-5/8"	3-1/2"
ALL18342	2-5/8"	4-1/2"
10-Pack		
ALL18330-10	1/4"	5/8"
ALL18332-10	1/2"	1-1/8"
ALL18334-10	1"	2"
ALL18336-10	1-5/16"	2-1/4"
ALL18338-10	1-9/16"	2-1/2"

FITTINGS & HOSES

Aluminum AN to NPT Adapters

AN Size	NPT	Straight	45°	90°
-3	1/8"	ALL49502	ALL49532	ALL49562
-4	1/8"	ALL49505	ALL49535	ALL49565
-4	1/4"	ALL49506	ALL49536	ALL49566
-4	3/8"	ALL49507	ALL49537	ALL49567
-6	1/8"	ALL49508	ALL49538	ALL49568
-6	1/4"	ALL49509	ALL49539	ALL49569
-6	3/8"	ALL49510	ALL49540	ALL49570
-6	1/2"	ALL49511	ALL49541	ALL49571
-8	1/4"	ALL49512	ALL49542	ALL49572
-8	3/8"	ALL49513	ALL49543	ALL49573
-8	1/2"	ALL49514	ALL49544	ALL49574
-10	3/8"	ALL49517	ALL49547	ALL49577
-10	1/2"	ALL49518	ALL49548	ALL49578
-10	3/4"	ALL49519	ALL49549	ALL49579
-12	1/2"	ALL49520	ALL49550	ALL49580
-12	3/4"	ALL49521	ALL49551	ALL49581

Aluminum 90° Swivel to Male NPT

Part No.	NPT	AN Size
ALL49584	1/8"	-4
ALL49585	1/4"	-4
ALL49587	1/8"	-6
ALL49588	1/4"	-6
ALL49589	3/8"	-6
ALL49590	1/2"	-6
ALL49591	1/4"	-8
ALL49592	3/8"	-8
ALL49596	3/8"	-10
ALL49599	1/2"	-12

Aluminum AN Bulkhead Nuts

Part No.	Size
ALL49600	-3
ALL49601	-4
ALL49602	-6
ALL49603	-8
ALL49604	-10
ALL49605	-12
ALL49606	-16

Aluminum AN Bulkhead Adapters

Part No.	A Size	B Size
Straight Bulkhead		
ALL49610	-3	-3
ALL49611	-4	-4
ALL49612	-6	-6
ALL49613	-8	-8
ALL49614	-10	-10
ALL49615	-12	-12
ALL49616	-16	-16
90° Bulkhead		
ALL49620	-3	-3
ALL49621	-4	-4
ALL49622	-6	-6
ALL49623	-8	-8
ALL49624	-10	-10
ALL49625	-12	-12
ALL49626	-16	-16

Aluminum AN Flare Adapters

Part No.	A Size	B Size
Female Swivel Union		
ALL49700	-3	-3
ALL49701	-4	-4
ALL49702	-6	-6
ALL49703	-6	-8
ALL49704	-8	-8
ALL49705	-8	-10
ALL49706	-10	-10
Male Union		
ALL49710	-3	-3
ALL49711	-4	-4
ALL49712	-6	-6
ALL49713	-8	-8
ALL49714	-10	-10
ALL49715	-12	-12
ALL49716	-16	-16
90° Union		
ALL49720	-3	-3
ALL49721	-4	-4
ALL49722	-6	-6
ALL49723	-8	-8
ALL49724	-10	-10
ALL49725	-12	-12
Male Reducer		
ALL49730	-3	-4
ALL49731	-4	-6
ALL49732	-4	-8
ALL49733	-4	-10
ALL49734	-6	-8
ALL49735	-6	-10
ALL49736	-8	-10
ALL49737	-8	-12
ALL49738	-10	-12
ALL49739	-12	-16
Swivel Reducer		
ALL49740	-4	-3
ALL49741	-6	-4
ALL49742	-8	-4
ALL49743	-8	-6
ALL49744	-10	-6
ALL49745	-10	-8
ALL49746	-12	-8
ALL49747	-12	-10
ALL49748	-16	-10
ALL49749	-16	-12
Swivel Flare Expander		
ALL49750	-3	-4
ALL49751	-4	-6
ALL49752	-6	-8
ALL49753	-8	-10
ALL49754	-10	-12
ALL49755	-12	-16
ALL49756	-16	-20

Aluminum AN Bulkhead Tee

Part No.	A Size	B Size	C Size
Tee On-The-Side			
ALL49630	-3	-3	-3
ALL49631	-4	-4	-4
ALL49632	-6	-6	-6
ALL49633	-8	-8	-8
ALL49634	-10	-10	-10

Aluminum AN Flare Tee

Part No.	A Size	B Size	C Size
Tee			
ALL49640	-3	-3	-3
ALL49641	-4	-4	-4
ALL49642	-6	-6	-6
ALL49643	-8	-8	-8
ALL49644	-10	-10	-10
ALL49645	-12	-12	-12
ALL49646	-16	-16	-16
Tee, Female Swivel On Side			
ALL49650	-3	-3	-3
ALL49651	-4	-4	-4
ALL49652	-6	-6	-6
ALL49653	-8	-8	-8

Part No.	AN Size
Aluminum Flare Cap	
ALL49670	-3
ALL49671	-4
ALL49672	-6
ALL49673	-8
ALL49674	-10
ALL49675	-12
ALL49676	-16
Aluminum Flare Plug	
ALL49680	-3
ALL49681	-4
ALL49682	-6
ALL49683	-8
ALL49684	-10
ALL49685	-12
ALL49686	-16
Aluminum Tube Nut, 2-Pack	
ALL50320	-3
ALL50321	-4
ALL50322	-6
ALL50323	-8
ALL50324	-10
Aluminum Tube Sleeve, 2-Pack	
ALL50330	-3
ALL50331	-4
ALL50332	-6
ALL50333	-8
ALL50334	-10

Aluminum Inline Pressure Gauge Adapters

Part No.	A Size	B Size	C Size
ALL49760	-4	-4	1/8"
ALL49761	-6	-6	1/8"
ALL49762	-6 Fem.	-6	1/8"
ALL49763	3/8" Male	-6	1/8"
ALL49765	-8	-8	1/8"

Aluminum Gauge Fittings

Part No.	Description
ALL50201	1/8"NPT Female to -3AN
ALL50202	1/8"NPT Female to -4AN

AN Flare to ORB Adapters

Part No.	A Size	B Size
Aluminum O-Ring Boss		
ALL49830	3/8"-24 (-3)	-4
ALL49831	7/16"-20 (-4)	-4
ALL49832	9/16"-18 (-6)	-4
ALL49833	3/4"-16 (-8)	-4
ALL49834	7/8"-14 (-10)	-4
ALL49836	9/16"-18 (-6)	-6
ALL49837	3/4"-16 (-8)	-6
ALL49838	7/8"-14 (-10)	-6
ALL49839	1-1/16"-12 (-12)	-6
ALL49841	9/16"-18 (-6)	-8
ALL49842	3/4"-16 (-8)	-8
ALL49843	7/8"-14 (-10)	-8
ALL49844	1-1/16"-12 (-12)	-8
ALL49845	1-5/16"-12 (-16)	-8
ALL49847	3/4"-16 (-8)	-10
ALL49848	7/8"-14 (-10)	-10
ALL49849	1-1/16"-12 (-12)	-10
ALL49850	1-5/16"-12 (-16)	-10
ALL49852	3/4"-16 (-8)	-12
ALL49853	7/8"-14 (-10)	-12
ALL49854	1-1/16"-12 (-12)	-12
ALL49855	1-5/16"-12 (-16)	-12
ALL49857	1-1/16"-12 (-12)	-16
ALL49858	1-5/16"-12 (-16)	-16

NPT Adapters

Part No.	A Size	B Size
Aluminum NPT Reducer		
ALL49770	1/4"	1/8"
ALL49771	3/8"	1/8"
ALL49772	3/8"	1/4"
ALL49773	1/2"	1/8"
ALL49774	1/2"	1/4"
ALL49775	1/2"	3/8"
ALL49776	3/4"	1/4"
ALL49777	3/4"	3/8"
ALL49778	3/4"	1/2"

Part No.	NPT Size	Qty.
Aluminum Male NPT Nipple		
ALL49780	1/8"	1
ALL49781	1/4"	1
Aluminum Female NPT Coupler		
ALL49785	1/8"	1
Aluminum Internal Allen NPT Plug		
ALL49800	1/16"	2
ALL49801	1/8"	2
ALL49802	1/4"	2
ALL49803	3/8"	2
ALL49804	1/2"	1
ALL49805	3/4"	1
Steel Internal Allen NPT Plug*		
ALL49811	1/8"	2
ALL49812	1/4"	2
ALL49813	3/8"	2
ALL49814	1/2"	1
Aluminum Hex NPT Plug		
ALL49820	1/8"	1
ALL49821	3/8"	1
ALL49822	1/2"	1
***Larger quantities available**		

Coated Braided Steel Lines with Aluminum Ends

Black coated braided steel lines have black aluminum ends. Choose #2, #3, or #4 line in straight/straight or straight/90° configurations. Lengths stated are overall, end-to-end.

	#2 Line	#3 Line		#4 Line	
Length	Two -3AN Straight	Two -3AN Straight	-3AN 90° and -3AN Straight	Two -4AN Straight Ends	-4AN 90° and -4AN Straight
6"	ALL48385	ALL48387	ALL48413	ALL48349	ALL48398
9"	ALL48386	ALL48388	ALL48414	ALL48350	ALL48399
12"	ALL48371	ALL48361	ALL48415	ALL48351	ALL48400
15"	ALL48372	ALL48362	ALL48416	ALL48352	ALL48401
18"	ALL48373	ALL48363	ALL48417	ALL48353	ALL48402
21"	ALL48374	ALL48364	ALL48418	ALL48354	ALL48403
24"	ALL48375	ALL48365	ALL48419	ALL48355	ALL48404
30"	ALL48376	ALL48366	ALL48420	ALL48356	ALL48405
32"	—	ALL48367	—	—	—
36"	ALL48378	ALL48368	ALL48422	ALL48358	ALL48407
40"	ALL48384	ALL48389	ALL48426	ALL48390	ALL48427
46"	—	—	ALL48394	—	—
48"	ALL48379	ALL48369	ALL48423	ALL48359	ALL48408
52"	—	ALL48392	—	—	—
60"	ALL48380	ALL48370	ALL48424	ALL48360	ALL48409
62"	—	ALL48393	—	—	—
73"	ALL48383	ALL48382	ALL48425	ALL48381	ALL48410

Coated Braided Steel Lines with Steel Ends

Black coated braided steel lines with steel ends. Choose #3 or #4 line in straight/straight or straight/90° configurations. Lengths stated are overall, end-to-end.

	#3 Line		#4 Line	
Length	Two -3AN Straight	-3AN 90° and -3AN Straight	Two -4AN Straight	-4AN 90° and -4AN Straight
12"	ALL48430-12	ALL48434-12	ALL48440-12	ALL48444-12
15"	ALL48430-15	ALL48434-15	ALL48440-15	ALL48444-15
18"	ALL48430-18	ALL48434-18	ALL48440-18	ALL48444-18
21"	ALL48430-21	ALL48434-21	ALL48440-21	ALL48444-21
24"	ALL48430-24	ALL48434-24	ALL48440-24	ALL48444-24
30"	ALL48430-30	ALL48434-30	ALL48440-30	ALL48444-30
36"	ALL48430-36	ALL48434-36	ALL48440-36	ALL48444-36

#6 Coated Braided Steel Lines with Aluminum Ends

Black coated braided steel lines have black aluminum ends. Lengths stated are overall, end-to-end.

Length	Two -6AN Straight	-6AN 90° & -6AN Straight
12"	ALL48465-12	ALL48466-12
24"	ALL48465-24	ALL48466-24
36"	ALL48465-36	ALL48466-36
72"	ALL48465-72	—
120" (10 ft.)	ALL48465-120	—
192" (16 ft.)	ALL48465-192	—

Quick Disconnect Couplings

2-piece couplings allow lines to be separated without loss of fluid or requirement of bleeding.

ALL50215

ALL50209

ALL50212

Part No.	Description
ALL50215	Steel Coupling with 1/8"NPT Female Threads
ALL50212	Aluminum Coupling with -3AN Male Threads
ALL50213	Aluminum Coupling with -4AN Male Threads
ALL50209	Premium Coupling Fitting with -3AN Male Threads

Braided Steel Lines

A wide selection of braided steel lines are available in various lengths. All lines come with one straight end and your choice of straight, 45°, or 90° on the other end. The inner PTFE hose is compatible with all brake fluids. The braided stainless steel outer covering resists abrasion and corrosion. Ideal for use where bending and flexing occurs. More durable than rubber hose. Lengths stated are overall end-to-end, including fittings. ***Note: Lines are also available in 5-pack and 25-pack quantities; add a (-5) or (-25) to end of part number. Example: ALL46400-6-25 for a 25-pack. Lines are NOT D.O.T. approved.***

#3 Braided Steel Lines with -3AN Ends

Length	Two -3AN Straight	-3AN Straight and -3AN 45°	-3AN Straight and -3AN 90° Forged	-3AN Straight and -3AN 90° Tube
6"	ALL46300-6	—	ALL46302-6	ALL46304-6
9"	ALL46300-9	—	ALL46302-9	ALL46304-9
10"	ALL46300-10	—	ALL46302-10	ALL46304-10
12"	ALL46300-12	—	ALL46302-12	ALL46304-12
14"	ALL46300-14	ALL46301-14	ALL46302-14	ALL46304-14
15"	ALL46300-15	ALL46301-15	ALL46302-15	ALL46304-15
16"	ALL46300-16	ALL46301-16	ALL46302-16	ALL46304-16
18"	ALL46300-18	ALL46301-18	ALL46302-18	ALL46304-18
20"	ALL46300-20	—	ALL46302-20	ALL46304-20
21"	ALL46300-21	—	ALL46302-21	ALL46304-21
22"	ALL46300-22	—	ALL46302-22	ALL46304-22
24"	ALL46300-24	ALL46301-24	ALL46302-24	ALL46304-24
26"	ALL46300-26	—	ALL46302-26	ALL46304-26
28"	ALL46300-28	—	ALL46302-28	ALL46304-28
30"	ALL46300-30	—	ALL46302-30	ALL46304-30
32"	ALL46300-32	—	ALL46302-32	ALL46304-32
34"	ALL46300-34	ALL46301-34	—	—
36"	ALL46300-36	—	ALL46302-36	ALL46304-36
40"	ALL46300-40	—	—	—
42"	ALL46300-42	—	ALL46302-42	ALL46304-42
43"	ALL46300-43	—	—	—
44"	ALL46300-44	—	—	—
47"	ALL46300-47	—	—	—
48"	ALL46300-48	—	ALL46302-48	ALL46304-48
50"	ALL46300-50	—	—	—
60"	ALL46300-60	—	ALL46302-60	ALL46304-60
108"	ALL46300-108	—	—	—
120"	ALL46300-120	—	—	—
180"	ALL46300-180	—	—	—

Braided Steel Lines - Cont.

#4 Braided Steel Lines with -4AN Ends

Length	Two -AN Straight	-4AN Straight and -4AN 45°	-4AN straight and -4AN 90° Forged	-4AN Straight and -4AN 90° Tube
6"	ALL46400-6	—	ALL46402-6	ALL46404-6
9"	ALL46400-9	—	ALL46402-9	ALL46404-9
10"	ALL46400-10	—	ALL46402-10	ALL46404-10
12"	ALL46400-12	—	ALL46402-12	ALL46404-12
14"	ALL46400-14	—	ALL46402-14	ALL46404-14
15"	ALL46400-15	ALL46401–15	ALL46402-15	ALL46404-15
16"	ALL46400-16	–	ALL46402-16	ALL46404-16
18"	ALL46400-18	ALL46401–18	ALL46402-18	ALL46404-18
20"	ALL46400-20	—	ALL46402-20	ALL46404-20
21"	ALL46400-21	—	ALL46402-21	ALL46404-21
22"	ALL46400-22	—	ALL46402-22	ALL46404-22
24"	ALL46400-24	ALL46401–24	ALL46402-24	ALL46404-24
26"	ALL46400-26	—	ALL46402-26	ALL46404-26
28"	ALL46400-28	—	ALL46402-28	ALL46404-28
30"	ALL46400-30	—	ALL46402-30	ALL46404-30
32"	ALL46400-32	—	ALL46402-32	ALL46404-32
36"	ALL46400-36	—	ALL46402-36	ALL46404-36
42"	ALL46400-42	—	ALL46402-42	ALL46404-42
48"	ALL46400-48	—	ALL46402-48	ALL46404-48
60"	ALL46400-60	—	ALL46402-60	ALL46404-60
90"	ALL46400-90	—	—	—
120"	ALL46400-120	—	ALL46402-120	—
180"	ALL46400-180	—	—	—

STRAIGHT END

45° END

90° FORGED END

90° TUBE END

#3 Braided Steel Lines with -4AN Ends

Length	-4AN 90° and -4AN Straight	Two -4AN Straight Ends
9"	ALL46312-9	ALL46310-9
12"	ALL46312-12	ALL46310-12
15"	ALL46312-15	ALL46310-15
18"	ALL46312-18	ALL46310-18
21"	ALL46312-21	ALL46310-21
24"	ALL46312-24	ALL46310-24
28"	ALL46312-28	ALL46310-28
32"	ALL46312-32	ALL46310-32
36"	ALL46312-36	ALL46310-36
42"	ALL46312-42	ALL46310-42
48"	ALL46312-48	ALL46310-48
60"	ALL46312-60	ALL46310-60
120"	ALL46312-120	ALL46310-120

Braided Steel Lines with 10mm Banjo Fitting

	#3 Line		#4 Line
Length	-3AN Straight	-4AN Straight	-4AN Straight
18"	ALL46340-18	—	ALL46440-18
21"	—	—	ALL46440-21
24"	—	ALL46341-24	ALL46440-24
44"	ALL46340-44	—	—

#4 Braided Steel Lines with 1/8"NPT and Straight -4AN Ends

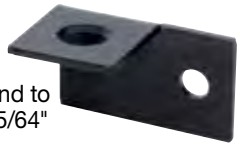
Length	Part No.
18"	ALL46420-18
24"	ALL46420-24
30"	ALL46420-30
36"	ALL46420-36
48"	ALL46420-48

#3 Braided Steel Lines with 3/16" Inverted Flare 90° and Straight -3AN Ends

Length	Part No.
24"	ALL46332-24
36"	ALL46332-36
48"	ALL46332-48

Bulkhead Mounting Tab

ALL60093



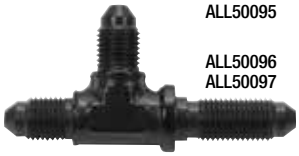
One-piece steel mounting tab with 7/16" hole can be bolted to the chassis or rear end to hold bulkhead fittings in place. Bracket is 5/64" thick.

Bulkhead Fittings

Black anodized aluminum bulkhead adapter fittings are perfect when plumbing needs to pass through a firewall, interior panel, or a mounting bracket.

ALL50092
ALL50093

ALL50094
ALL50095


ALL50096
ALL50097

Part No.	Description
ALL50092	Straight -3AN to -3AN
ALL50093	Straight -4AN to -4AN
ALL50094	90 Degree -3AN to -3AN
ALL50095	90 Degree -4AN to -4AN
ALL50096	Tee (Run) -3AN (3x)
ALL50097	Tee (Run) -4AN (3x)
ALL50098	-3AN Bulkhead Nut
ALL50099	-4AN Bulkhead Nut

90° Swivel Fittings

Black anodized aluminum fittings swivel a full 360° for convenient hose connection. 1/8"NPT fittings are commonly used in aftermarket calipers, gauge panels, or anywhere a swivel connection would be useful.

Part No.	Description
ALL50108	1/8"NPT to -3AN
ALL50109	1/8"NPT to -4AN

AN Union Fittings

Black anodized aluminum flare union adapter fittings are commonly used to connect two hoses with female AN ends.

Part No.	Description
ALL50090	-3AN to -3AN
ALL50091	-4AN to -4AN

Caps and Plugs

A must for keeping debris out of lines and hoses. Ideal for keeping internal components of dry sump pumps, fuel pumps, pressure regulators, etc. clean during storage. Caps and plugs fit 37° flared fittings and straight threaded ports. Available in plastic and aluminum.

ALL50801
Cap

ALL50811
Plug

ALL50821
AN Size
Thread Size

ALL50831
No. Per Pkg.

Plastic Caps And Plugs				
ALL50801	ALL50811	-3	3/8"-24	20
ALL50802	ALL50812	-4	7/16"-20	20
ALL50803	ALL50813	-6	9/16"-18	20
ALL50804	ALL50814	-8	3/4"-16	20
ALL50805	ALL50815	-10	7/8"-14	10
ALL50806	ALL50816	-12	1-1/16"-12	10
ALL50807	ALL50817	-16	1-5/16"-12	10
ALL50808	ALL50818	-20	1-5/8"-12	5
Aluminum Caps And Plugs				
ALL50821	ALL50831	-3	3/8"-24	20
ALL50822	ALL50832	-4	7/16"-20	20
ALL50823	ALL50833	-6	9/16"-18	20
ALL50824	ALL50834	-8	3/4"-16	20
ALL50825	ALL50835	-10	7/8"-14	10
ALL50826	ALL50836	-12	1-1/16"-12	10
ALL50827	ALL50837	-16	1-5/16"-12	10

Cap and Plug Kits

Kits include five of each size, -3AN to -16AN.

Part No.	Description
ALL50800	Plastic Cap Kit
ALL50810	Plastic Plug Kit
ALL50820	Aluminum Cap Kit
ALL50830	Aluminum Plug Kit

Vacuum Line

Premium vacuum line resists kinking and is pliable for easy routing. Often used when connecting sensors, vacuum advance units, windshield washers, or replacing existing cracked, leaking vacuum lines. Size indicated is I.D. of hose.

Part No.	Description
ALL40340	5/32", 5' Long
ALL40341	5/32", 50' Long
ALL40342	7/32", 5' Long
ALL40343	7/32", 50' Long

Fuel Line

Premium fuel line is reinforced to help prevent kinking and is rated up to 50 PSI for use with carbureted applications. Fuel line has many other uses, including connecting PCV valves, coolant overflow tanks, and vent lines for transmissions and differentials. Line is compatible with gasoline, E-85, diesel, and biodiesel. Size indicated is I.D. of hose.

Part No.	Description
ALL40350	1/4", 3' Long
ALL40351	1/4", 25' Long
ALL40353	5/16", 3' Long
ALL40354	5/16", 25' Long
ALL40356	3/8", 3' Long
ALL40357	3/8", 25' Long

Corbin Gurley
Photo by: JohnnyB Imagery

Performance SBC Fuel Pumps with AN Fittings

Lightweight die-cast three valve pump is great for use with Sportsman-type engines up to 700HP and 8,000 RPM. Pump features AN-style inlet and outlet fittings for easy plumbing. Lower section is clockable every 30° to fit most applications. Pump is rated at 45 GPH @ 7–8.5 PSI and does not require an external fuel pressure regulator.

Part No.	Description
ALL40266	-8AN Inlet /-8AN Outlet
ALL40267	-10AN Inlet /-8AN Outlet
Replacement Fittings	
ALL50915	-8AN Fitting
ALL50916	-10AN Fitting

Performance Fuel Pumps

Die-cast aluminum pumps for performance SBC engines feature heat-treated levers, anti-float springs, and clockable inlet and outlet for easy installation and plumbing. Great for performance applications. Fuel pressure regulator is recommended .

Part No.	Description
ALL40256	1/4" NPT Ports 7-8.5psi 120gph
ALL40257	3/8" NPT Ports 6.5-8 psi 110gph
ALL40258	3/8" NPT Ports 7.5-9psi 130gph

Sportsman 2-Valve Fuel Pumps

Pumps with aluminum housings have 1/4"NPT inlet/outlet fittings, heavy duty diaphragms, anti-float springs, and “clockable” lower base for rotation of inlet and outlet. Pumps deliver 6-1/2 to 8 PSI with 80 GPH free flow.

Part No.	Description
ALL40260	SB Chevy
ALL40261	BB Chevy
ALL40262	SB Ford

SB Chevy Fuel Pump Mounting Plate *ALL40254*

OE-style plate replaces lost or missing mounting plate required to mount mechanical-style fuel pump to most small block Chevrolet engines. Clear zinc-plated finish may also be painted to match original appearance. Mounting hardware included.

Compact Electric Fuel Pump *ALL40320*

High-flow, low-pressure electric fuel pump equipped with a 5/16" inlet/outlet. The pump flows 18 gph at 4.0 PSI, 5.5 PSI maximum. Includes a rubber-padded mounting bracket and two heavy-duty hose clamps. Rated 12V/5 amps. Overall length is 5-1/2" x 1-1/2" wide.

Bracket for Compact Electric Fuel Pump *ALL40322*

Bracket mounts our popular electric fuel pump ALL40320 with 1-1/2" to 1-1/8" O.D. chassis tubing, commonly used on mini-sprint cars.

Fuel Pressure Regulator *ALL40290*

Place regulator between fuel pump and carburetor to regulate fuel pressure when using mechanical and electric performance fuel pumps. Two-piece aluminum body has a single 3/8"NPT inlet port on the bottom and two 3/8"NPT side outlet ports. “Dead Head” style regulator does not require a return line back to fuel tank or cell. 1/8"NPT port for mounting a fuel pressure gauge or sender line. Regulator also includes steel mounting bracket. Regulator is gasoline, ethanol, and E85 compatible. Use with 4.5 to 14 PSI systems. Not methanol compatible.

Part No.	Description
Replacement Part	
ALL99430	Rebuild Kit

Inline Aluminum Fuel Filters

Black anodized, high-flow inline filters are available with no element or with a stainless steel or paper element. Choose correct bracket and mount to chassis tubing along fuel line. Filter elements are 8" long and fit in a 9" housing. Overall length is 12" and outside diameter is 2". Filter flows enough fuel for any race car. Stainless elements are compatible with E-85 and methanol fuels.

Fitting Size	With Paper Element	With Stainless Element	Without Element
-6AN Ends	ALL40238	ALL40239*	ALL40243
-8AN Ends	ALL40216	ALL40218*	ALL40244
-10AN Ends	ALL40217	ALL40219*	ALL40245
-12AN Ends	ALL40240	ALL40242*	ALL40246

Part No.	Description
Replacement Parts	
ALL40220	Paper Element (10 Micron)
ALL40222*	Stainless Element (63 Micron)
**** Compatible with E-85 fuels***	

Inline Aluminum Fuel Filter with Shut-off Valve

Our popular inline filter assembly combined with our shut-off valve in one package. The shut-off valve is assembled on the inlet side of the filter assembly which allows shutting the fuel off to the filter and the remaining portion of the fuel system for maintenance and safety during transportation. Filter assembly is sold without element.

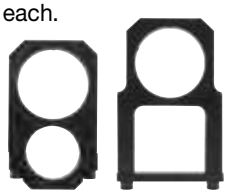
Part No.	Description
ALL40196	-6AN Ends
ALL40197	-8AN Ends
ALL40198	-10AN Ends
ALL40199	-12AN Ends
Related Items	
ALL40220	Paper Element (10 Micron)
ALL40222	Stainless Element (63 Micron)*
**** Compatible With E-85 and Methanol Fuels***	

FUEL SYSTEM COMPONENTS

Fuel Filter Brackets

Brackets mount Allstar inline aluminum fuel filters to round or square tubing and flat surfaces. Flush mount bracket fastens to flat panels like a frame rail or firewall. A locking set screw holds filter in place. Brackets for round and square tubing clamp with caps secured by Allen head screws. Sold each.

Part No.	Tubing Size	Tubing Shape
ALL40229	1-1/4"	Round
ALL40227	1-3/8"	Round
ALL40228	1-1/2"	Round
ALL40230	1-3/4"	Round
ALL40232	2" x 2"	Square
ALL40235	Flush Mount	—



ALL40228 ALL40232

2-Piece Fuel Filter Brackets

ALL40190

Brackets are a two-piece design that clamps our 2" O.D. in-line style fuel filter directly to the chassis tubing. Bracket secures filter to the tubing but does not fit completely around chassis tubing for applications when decking or sheet metal is mounted directly against the tubing. Sold each.

Part No.	Description
ALL40190	1-1/8"
ALL40191	1-1/4"
ALL40192	1-1/2"
ALL40193	1-3/4"

Fuel Line Check Valve

ALL40208

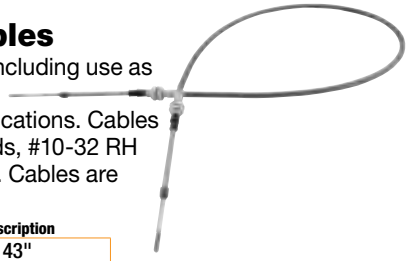
Valve is placed in-line near the fuel cell to prevent fuel from free-flowing in the event of an accident that damages the fuel pump or fuel line. The suction action of the fuel pump overrides the internal spring, opening the valve and allowing fuel to flow without restriction. Valve accepts -10AN ORB style fittings.

Fuel Filter Shut-Off Valve

ALL40210

Valve installs on the inlet end of our inline aluminum fuel filters allowing fuel to be shut off for maintenance or safety reasons. Ball-style shut-off features a lever with a 1/4"-20 threaded hole for mounting a ball stud or securing a rod end for use with remote shut off.

Throttle/Shift Cables



Cables have many uses including use as a throttle cable or as a shifter cable for many applications. Cables have 7/16" mounting threads, #10-32 RH cable ends and 3" of travel. Cables are listed as overall length.

Part No.	Description
ALL54142	43"
ALL54145	60"

Quick-Release Cable Ends

Quick-release ends are used when a connection needs to be removed and installed often. Steel housing has a spring-loaded release to keep housing secure to pivot ball

Part No.	Description
ALL54147	#10-32 with #10-32 and 1/4"-28 Studs
ALL54149	1/4"-28 with 1/4"-28 Stud

Throttle Bell Cranks

ALL54150 ALL54152

Designed for Sprint car applications, each bell crank is fitted with a pressed 1/4" I.D. bearing for smooth throttle operation and has optional locations for connecting push rods of various lengths. Typically two are required to complete an application. Push rod holes on each crank are .188" and spaced 3/8" apart.

Part No.	Description
ALL54150	Arms Set 75° Apart, 35 Grams
ALL54152	Arms Set 70° Apart, 40 Grams

REAR ENDS & AXLES

Pre-drilled Quick Change Cover Nut Kit

ALL72060

Aluminum nuts are pre-drilled for safety wire to prevent nuts from working loose and causing leaks. Nuts have 3/8"-16 threads. Package of 10.

Quick Change Cover Nut Kits NEW!

Aluminum nuts are pre-drilled for safety wire to prevent nuts from working loose and causing leaks. Nuts have 3/8"-16 threads. Package of 10.

Part No.	Description
ALL72058	Black Short - 7/8" OAL
ALL72059	Red Short - 7/8" OAL
ALL72061	Red Long - 1-1/4" OAL

Quick Change Cover Stud Kit

ALL72056 NEW!

Fully threaded 3/8"-16 studs are 1-3/4" long and are direct replacements for many quick change cover studs.

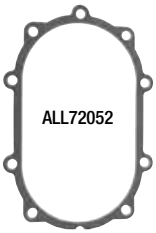
Quick Change Cover Stud Ball Kit

ALL26961-10 NEW!

These hardened steel balls are inserted into the stud holes before the cover studs are threaded in to keep the studs from galling the housing and help disperse any stress created when installing the cover studs.

Quick Change Cover Gaskets

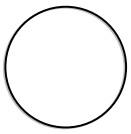
Part No.	Description
ALL72050	Paper, Single
ALL72050-10	Paper, 10-Pack
ALL72052	Thick with Steel Core, Single
ALL72052-10	Thick with Steel Core, 10-Pack



ALL72052

Quick Change Side Bell O-Ring

ALL72054



Replacement O-ring for Winters quick change.

SAFETY/DRIVER EQUIPMENT

Sprint Knee Guard *ALL55230*

Ultra-light aluminum knee guard designed by Jason Meyers Racing works great for protecting knees from banging against 1/2 box steering gears and provides a comfortable leg support when throttling through corners. Fire-retardant, high-impact, dense rubber padding is covered with self-extinguishing cloth for added safety. Guard fastens to the half box mount (not the box) by drilling and bolting or riveting and is held in place with safety wire or a wire tie.

Helmet Dryer *ALL13018*

Dryer is a tabletop unit that circulates air throughout the inside of a helmet, removing moisture that commonly leads to dangerous mold and bacteria growth. Dryer base measures 11" x 13" and includes a removable clip to fasten a dryer sheet to help freshen the inside of the helmet. Unit connects to a 110V power source and features a cord-mounted on/off switch.

STEERING

Loading Couplers

Loading coupler is a combination U-joint and a non-locking steering coupler that slips over the splined end of the steering shaft for easier loading and unloading of cars in enclosed trailers through the use of a remote steering shaft. Coupler has a built-in U-joint that accepts 3/4" tubing.

Part No.	Description
ALL52306	19-Spline for Allstar/Sweet
ALL52307	20-Spline for Woodward
Related Part	
ALL52305	19-Spline End for Allstar/Sweet Disconnect

Steering Wheel Extensions

Aluminum steering wheel extensions fit between steering wheel and quick disconnect so the distance between driver and steering wheel can be adjusted. Includes fasteners.

Part No.	Description
ALL52310	1/2"
ALL52312	1"
ALL52314	1-1/2"
ALL52316	2"

Steering Wheel Disconnects

Disconnects allow easy installation and removal of three bolt style steering wheels, often used to ease the entering and exiting of vehicles. Quick release aluminum steering wheel hub mates to a steel coupler, which is welded to a standard 3/4" steering shaft.

Part No.	Description
ALL52302	Hex Style (Pin Type)
ALL52308	Spline Style (360° Flange)
ALL52318	Spline Style (360° Flange)Economy
ALL52304	SFI Spline Style (360° Flange)
Replacement Parts	
ATTENTION: Do not mix components with other manufacturers' disconnects!	
ALL52303	Hex Coupler for ALL52302
ALL52309	Spline Coupler for ALL52308
ALL52301	Spline Coupler for ALL52318
ALL52305	Spline Coupler for ALL52304 (2" of Spline Area)

Photo by: JohnnyB Imagery

Aluminum Suspension Tubes

Swaged 1-1/8" O.D. tubes are built from .156" wall tubing and have 5/8" RH and LH threads.

Length	5/8" Thread Black Anodized	5/8" Thread Polished Aluminum	Length	5/8" Thread Black Anodized	5/8" Thread Polished Aluminum
10"	ALL56806-10	ALL56807-10	19"	ALL56806-19	ALL56807-19
11"	ALL56806-11	ALL56807-11	19-1/2"	ALL56806-195	ALL56807-195
12"	ALL56806-12	ALL56807-12	20"	ALL56806-20	ALL56807-20
12-1/2"	ALL56806-125	ALL56807-125	20-1/2"	ALL56806-205	ALL56807-205
13"	ALL56806-13	ALL56807-13	21"	ALL56806-21	ALL56807-21
13-1/2"	ALL56806-135	ALL56807-135	21-1/2"	ALL56806-215	ALL56807-215
14"	ALL56806-14	ALL56807-14	22"	ALL56806-22	ALL56807-22
14-1/2"	ALL56806-145	ALL56807-145	22-1/2"	ALL56806-225	ALL56807-225
15"	ALL56806-15	ALL56807-15	23"	ALL56806-23	ALL56807-23
16"	ALL56806-16	ALL56807-16	23-1/2"	ALL56806-235	ALL56807-235
17"	ALL56806-17	ALL56807-17	24"	ALL56806-24	ALL56807-24
18"	ALL56806-18	ALL56807-18	24-1/2"	ALL56806-245	ALL56807-245
18-1/2"	ALL56806-185	ALL56807-185			

Shock Bump Rubbers

Conical bump rubbers fit on most shock shafts up to 16mm to limit shock travel. Bump rubbers are 2-3/8" tall and have a 2" O.D. base. A letter designation is molded in the bottom to identify compound.

Part No.	Description
ALL64500	Soft (40 grams)
ALL64501	Medium (50 grams)
ALL64502	Hard (55 grams)

TOOLS & PIT EQUIPMENT

Hole Saw Set *ALL10412*

Use with tubing notchers. Does not include an arbor for a hand drill. Set includes one of each size: 3/4", 1", 1-1/4", 1-1/2" 1-5/8", and 1-3/4". Hole saws up to 1" diameter use 1/2"-20 thread, larger hole saws use 5/8"-18 thread. ***Note: Hole saws up to 1" diameter use 1/2"-20 thread, larger hole saws use 5/8"-18 thread.***

Part No.	Description
Individual Hole Saws	
ALL10413	3/4"
ALL10414	1"
ALL10416	1-1/4"
ALL10417	1-1/2"
ALL10418	1-5/8"
ALL10419	1-3/4"

Digital Levels

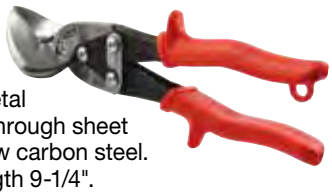
Digital level with magnetic base measures the angle of a single straight surface or the angle of a joint between two straight surfaces. Displayed value on the LCD screen rotates to right side up when digital level is in an upside down position. Powered by three 3V CR2032 batteries (included).

Part No.	Description
ALL10742	Compact Digital Level, 2" x 2" x 1"
ALL10744	Digital Level, 6" x 2.25" x 1.25"

Smart Tool *ALL10113*

Ensure that chassis tubing is level and plumb when building roll cages or checking driveshaft angles. Powered by a standard 9-volt battery.

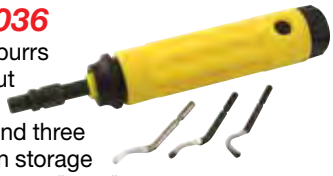
Tin Snips



Durable tin snips have offset blades to keep hands clear of metal while cutting. Non-slip jaws cut through sheet aluminum and up to 18-gauge low carbon steel. Blade length 1-1/4", total tool length 9-1/4".

Part No.	Description
ALL11030	Red, Left Hand
ALL11031	Green, Right Hand

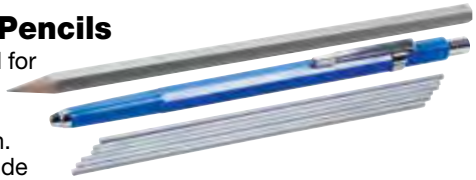
Deburring Tool *ALL11036*



A fast and easy way to remove burrs from the edges of machined or cut metals. Five-piece kit includes handle, telescopic blade holder and three unique blades. Handle has built-in storage for blades. Blade holder adjusts from 1" to 5".

Part No.	Description
Replacement Part	
ALL99328	Replacement Blades 3-Pack

Fabrication Pencils



Pencil works well for marking lines during metal layout and fabrication. Multiple uses include marking steel tubing for cutting or notching and marking patterns on painted aluminum or steel sheet metal. Silver reflective marks work best against darker surfaces during cutting or welding for high visibility. Pencil marks are resistant to torch flames and will not burn or rub off.

Part No.	Description
ALL12064	Pencil, 3-Pack
ALL12066	Mechanical Pencil, with Six Refills

Step Drill Sets

Drill multiple size holes with one bit. Drill sheet metal and aluminum without deforming or distorting. Bits start on contact, deburr, and chamfer while drilling, and does not require a center punch. Titanium nitride-coated high-speed steel. 1/4" shank.

Drill Bit	Sizes
ALL11040 (3-Piece Set)	
Six Step	3/16", 1/4", 5/16", 3/8", 7/16", 1/2"
Nine Step	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
Thirteen Step	1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2"
ALL11041 (2-Piece Set)	
Eleven Step	1/4", 25/64", 35/64", 11/16", 13/16", 7/8", 1", 1-1/8", 1-7/32", 1-1/4", 1-3/8"
Twelve Step	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"

Double-Ended Drill Bits

Double-ended bits are basically two bits in one. Convenient bit can be flipped around for a fresh sharp bit when drilling panels for Cleco fasteners or rivets. Package of 6.

Part No.	Description
ALL18201	1/8"
ALL18204	3/16"

Drill Bit for Flange Rivets 13/64" *ALL18203*

A common size bit for working with 3/16" flange-type rivets. High-speed steel bits have a black oxide finish and self-centering tips. Flute length: 1-3/16", overall length: 2-1/4". Package of 2.

Cordless Rivet Gun *ALL18212*

Quickly set steel and aluminum mandrel rivets anywhere without the need of an air compressor. Kit includes 3/32", 1/8", 5/32", and 3/16" nose pieces, 3-in-1 spanner wrench, (2) 14.4 volt Li-ion batteries, charger, and plastic carrying case.

Air Rivet Gun *ALL18210*

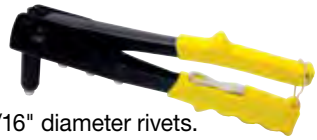
Durable air riveter speeds up assembly and quickly fastens steel or aluminum rivets into various materials. Includes nose pieces for 3/32", 1/8", 5/32", and 3/16" rivets.

Deluxe Air Rivet Gun *ALL18207*

Heavy duty air rivet gun can be used with steel or aluminum rivets from 3/32" to 3/16".

Part No.	Description
Replacement Parts	
ALL18209	Jaw Set
ALL99255	Nose Piece Set, 3 pcs.
ALL99256	Mandrel Cup

Hand Rivet Gun *ALL18206*



Includes interchangeable nose-pieces for 3/32", 1/8", 5/32", and 3/16" diameter rivets.

Cleco Pin Fastener Kits

Cleco pins are reusable and easily make a temporary connection between pieces of sheet metal during fitting. Pins will work with thicknesses up to 1/4", kits include pliers and 10 pins.

Part No.	Description
ALL18221	With 1/8" Pins
ALL18225	With 3/16" Pins

Cleco Pliers *ALL18220*

Unique tool readily installs and removes Cleco fasteners.

Threaded Insert Tool Kit *ALL19450*

Tool works with a cordless drill to install a threaded insert into a panel or bracket. Inserts are helpful when the backside of the panel is not easily accessible. Simply drill the correct size hole, install the threaded insert onto the mandrel, then place the insert into the hole and tighten using any cordless drill. Once the insert is compressed, reverse the drill and remove the mandrel from the insert. Kit includes mandrel and nosepiece for 1/4"-20, 5/16"-18, and 3/8"-16 inserts, other sizes available separately. Threaded inserts sold separately.

Part No.	Description
Replacement Parts	
ALL19452	Mandrel and Nosepiece for 8-32
ALL19453	Mandrel and Nosepiece for 10-24
ALL19454	Mandrel and Nosepiece for 10-32
ALL19455	Mandrel and Nosepiece for 1/4"-20
ALL19456	Mandrel and Nosepiece for 5/16"-18
ALL19457	Mandrel and Nosepiece for 3/8"-16

Threaded Inserts

Steel inserts are helpful when the backside of the panel is not easily accessible. Inserts work great for frequently removed items including gauge panels, switch panels, access panels and body panels or when mounting items to trailer walls. Inserts are designed for installation using insert tool ALL19450 with coordinating mandrel and nosepiece. Package of 10.

Part No.	Thread Size	Pilot Hole Size	Grip Range	Body Length (Before Comp.)
ALL19460	8-32	17/64"	Up To .080"	.420"
ALL19461	10-24	5/16"	Up To .130"	.475"
ALL19462	10-32	5/16"	Up To .130"	.475"
ALL19463	1/4"-20	13/32"	Up To .165"	.580"
ALL19465	5/16"-18	17/32"	Up To .150"	.690"
ALL19467	3/8"-16	17/32"	Up To .150"	.690"

Pin Type Cleco Fasteners

Cleco pins permit quick, easy installation and removal of sheet metal during fitting. Pins work with thicknesses up to 1/4". ***TECH TIP: Drill holes one drill size smaller than the Cleco pin size to assure a tight fit.***

Part No.	Description
1/8" Dia. Pins	
ALL18222	10-Pack
ALL18223	25-Pack
ALL18224	100-Pack
3/16" Dia. Pins	
ALL18226	10-Pack
ALL18227	25-Pack
ALL18228	100-Pack

1/4" Pin Type Cleco Fastener *ALL18234*

Cleco Pins are temporary fasteners that can easily be installed or removed in 1/4" holes when fitting sheet metal or chassis tabs using the ALL18220 Cleco Pliers. 1/4" size pin is ideal to use in place of body bolts or other 1/4" fasteners. Package of 10.

Clamp-Type Cleco Fastener *ALL18230*

Use when drilling is not an option. Smooth throat prevents paint damage, and spring exerts strong clamping pressure. Throat depth is 1" with a maximum clamping range of 1/2".

Quick-Turn Fastener Wrench *ALL19400*

The Allstar quick-turn fastener wrench fits slot head fasteners and reduces the risk of body panel or fastener damage when using screwdrivers for loosening or tightening. Features a non-slip handle.

Quick-Turn Spring Adjuster *ALL19405*

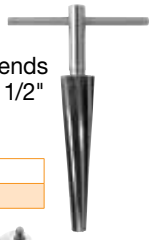
This tool is a must when adjusting tension of quick-turn springs. Simply turn knob on adjuster to evenly pull or push spring without kinking or breaking spring.

Transfer Punches

Used to mark quick-turn fastener locations, place transfer punch in the initial hole in weld plate or body panel. Position the panel to be marked over top of punch and lightly tap with a hammer.

Part No.	Description
ALL19402	For 5/16" Fasteners
ALL19403	For 7/16" Fasteners

Taper Reamers



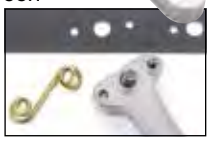
Repair or enlarge tapered holes to accept tie rod ends or ball joints. Reamers may be used in a drill with a 1/2" chuck by removing the T-handle.

Part No.	Description
ALL11170	7.15°, 1-1/2" Taper Per Ft.
ALL11172	9.56°, 2" Taper Per Ft.

Quick-Turn Spring Fixture

ALL19407

Accurately drill panels when installing quick-turn fastener springs. Start with a 1/4" center hole and use the fixture to locate and drill 1/8" holes for mounting the springs. Size listed is spring center-to-center distance.



Part No.	Description
ALL19406	For 3/4" Spring
ALL19407	For 1" Spring
ALL19408	For 1-3/8" Spring

Ricky Lewis

Photo by: JohnnyB Imagery

Taps

Tungsten steel taps are titanium coated. Economy taps are available in right-hand and left-hand threads.

Part No.	Description
ALL11060	1/4"-20 RH
ALL11061	1/4"-28 RH
ALL11062	3/8"-16 RH
ALL11063	3/8"-24 RH
ALL11064	1/2"-20 RH
ALL11065	1/2"-20 LH
ALL11066	5/8"-18 RH
ALL11067	5/8"-18 LH
ALL11068	3/4"-16 RH
ALL11069	3/4"-16 LH

NPT Taps

Alloy steel taps work well for chasing and cleaning threads before installing fittings and plugs.

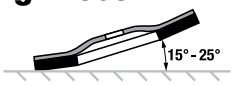
Part No.	Description
ALL11056	1/8"-27NPT
ALL11057	1/4"-18NPT
ALL11058	3/8"-18NPT
ALL11059	1/2"-14NPT

Thread Files

Remove burrs from damaged or rusted external threads on bolts, spindles, axle tubes, threaded shaft, pipe, and pipe fittings. Choose from three different files, each 8-1/2" long. Standard and metric sizes.

Part No.	Description
ALL11037	11-12, 13-14, 16-18, 20-24TPI
ALL11038	9-10, 12-16, 20-27, 28-32TPI
ALL11039	.80-1.00, 1.25-1.50, 1.75-2.00, 2.50-3.00mm

Flap-Wheel Sanding Discs



Flaps angled at 8° for increased surface contact and aggressive use. Best used at 15° - 25° angle.

Flap discs for 4-1/2" grinders with a 7/8" arbor quickly remove rust and other coatings from a variety of metal, stainless, and steel surfaces. Ideal for grinding welds or preparing materials for welding. Sold each.

Part No.	Description
ALL12121	60 Grit
ALL12122	80 Grit
ALL12123	120 Grit

Emery Cloth Rolls

1" wide emery cloth is perfect for many uses around the shop and trailer including cleaning, deburring, and polishing. 150' box.

Part No.	Description
ALL12130	60 Grit
ALL12131	120 Grit
ALL12132	180 Grit

Twist-Lock Backing Pad *ALL12100*

Twist-lock backing pad accepts 2" twist lock style cleaning or sanding discs and features a 1/4" arbor to work with most drills or 90° die grinders. Pad is rated up to 30,000 rpm.

Twist-Lock Sanding Discs

2" O.D. sanding discs are great for sanding a variety of parts and surfaces. Use with ALL12100 twist-lock backing pad (sold separately). Package of 10.

Part No.	Description
ALL12105	60 Grit
ALL12106	80 Grit
ALL12107	120 Grit
Related Part	
ALL12100	Twist-Lock Backing Pad for 2" Discs

Twist-Lock Cleaning Discs

2" O.D. twist-lock discs are great for cleaning gasket material or paint from parts and surfaces. Use with ALL12100 twist-lock backing pad (sold separately). Package of 5.

Part No.	Description
ALL12101	Coarse
ALL12102	Medium
ALL12103	Fine
Related Part	
ALL12100	Twist Lock Backing Pad for 2" Discs

Safety Wire Twister Pliers *ALL10120*

Never lose another race because of loose bolts. Rugged pliers have an end bearing for smoother, faster twisting, especially in tight areas where a second pull is needed.

Safety Wire

Wire is used to mechanically lock pre-drilled fasteners for added security. Type 302/304 stainless steel wire features high corrosion resistance and good tensile strength in applications up to 500 degrees. Sold in a 1-lb. spool enclosed in a convenient dispensing container.

Part No.	Description
ALL10121	.032" Diameter
ALL11008	.041" Diameter

Safety Wire Drill Fixture *ALL10122*

Accurately drill holes in fasteners, allowing them to be mechanically locked in place with safety wire. Fixture accommodates most 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", and 5/8" socket-head and hex-head fasteners. Guide bolt tightens against fastener, holding it secure for drilling. Fixture includes two guide bolts and two 1/16" drill bits conveniently stored within the fixture.

Part No.	Description
Replacement Part	
ALL99102	Replacement Drill Bits, 2-Pack

Dial Indicator with Magnetic Base *ALL96414*

Dial indicator with magnetic base is a necessity when degreeing a camshaft, checking crankshaft end play, deck heights, dome heights, transmission end play, or ring and pinion backlash. Universal magnetic base may be mounted anywhere. Shockproof dial indicator has 1" of travel in .001" increments. Base and dial indicator may also be purchased separately.

Part No.	Description
ALL96415	Dial Indicator Only
ALL96416	Magnetic Base Only

Digital Calipers 0-6" with Case *ALL96411*

Measure inside, outside, and depth dimensions with easy-to-read Metric or SAE LCD display, in .001" increments up to 6". On/Off switch conserves battery and zero setting assures accurate readings. Plastic case provides additional battery storage.

Dial Caliper *ALL96410*

Quality hardened stainless steel dial caliper is shockproof and capable of measuring items from .001" to 6" in increments of .001". Includes protective carrying case.

Runout Checker *ALL96440*

Fixture provides an easy way to check for bent axles, torque tubes, drive shafts, torsion bars, or radius rods. Fixture measures 16-1/2" overall.

Braided Hose Cutter *ALL11000*

Tired of the jagged edges left after cutting braided hose with a hacksaw? Heavy-duty hose cutter makes clean, snag-free cuts every time. 1-3/8" forged steel jaws will cut up to -20AN steel braided hose.

REPLACEMENT BLADES ALL11002

Koul Tool Kits

If you have ever struggled while building stainless steel braided lines, the Koul Tool is for you! Insert fitting into the specially designed holder to help guide braided hose into fitting. Kits include tools, fitting adapters for most fittings, detailed assembly instructions, and storage case. Not for use with PTFE-style hoses.

Part No.	Description
ALL11080	Koul Tool Kit -4AN to -8AN
ALL11081	Koul Tool Kit -6AN to -10AN
ALL11082	Koul Tool Kit -10AN to -16AN
ALL11083	Koul Tool Kit -4AN to -16AN
ALL11085	-6AN Kit
ALL11086	-8AN Kit
ALL11087	-10AN Kit

Tubing Cutters

ALL11010

ALL11011

Cut plastic, aluminum, copper, or steel tubing without distorting or crushing. Standard cutter works with tubing from 1/8" up to 1-1/8" and has wide rollers for even tracking of cutter wheel, built-in reamer for cleaning inside of tubing, and an extra cutting wheel. Mini cutter can cut tubing from 1/8" to 5/8" in tight areas.

Part No.	Description
ALL11010	Mini
ALL11011	Standard

Double Flare Tool *ALL11015*

Double flares 3/16", 1/4", 5/16", 3/8", and 1/2" steel or aluminum and .040" copper tubing at 45°, the most common flare used in custom brake and fuel lines. Includes detailed instructions and a convenient plastic storage case.

Brake Pressure Gauge *ALL11020*

Gauge temporarily replaces the bleeder screw in most aftermarket brake calipers with 1/4"-28 thread bleeder screws to measure brake pressure. Swivel head positions the 2-3/4" diameter gauge for easy viewing. Convenient remote bleeder can be used to evacuate air in the system for accurate readings.

Part No.	Description
Related Part	
ALL11022	Adapter converts ALL11020 and other gauges with 1/4"-28 thread to 10mm-1.50 thread for use with popular GM Metric calipers.

Brake Pressure Gauge Kit *ALL11026*

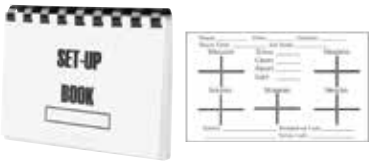
Brake pressure gauge kit includes two gauges, allowing one gauge to be used in the front and one in the rear brake system. Compare front to rear pressures to help diagnose problems or to preset your brake bias. Gauges easily replace 1/4"-28 brake bleeders which are commonly found in most aftermarket calipers.

Brake Bleeder Bottles

Contain the mess of bleeding brakes by capturing fluid in this 16-oz. bottle with a 15" long hose which attaches to most bleeder screws. The removable cap has a built-in fitting to secure the hose during storage to help prevent spills. Choose from a steel lanyard retainer that suspends the bottle from a chassis or suspension component, or a magnet retainer to secure the bottle to a steel object such as a brake drum or rotor during bleeding. ALL11017 has a magnet retainer and a built-in one-way check valve for one-person brake bleeding.

Part No.	Description
ALL11019	Bottle with Lanyard
ALL11018	Bottle with Magnet
ALL11017	Bottle with Magnet and Check Valve
ALL99435	Replacement Hose

Circle Track Set-Up Book *ALL043*



Track important chassis settings with this 4" x 5" pocket size spiral bound book. Each book has 50 carbon-backed pages perforated for easy tear-off.

Scale Buddy *ALL13115*

The Scale Buddy is a water-filled bladder that may be placed directly into the seat of the car to represent the weight of the driver when setting up and scaling your racecar. Bladder may be filled and emptied in the car using a standard garden hose and weighs up to 100 lbs. when filled. ***Note: Designed for set-up purposes only, not designed to be used as ballast during racing.***

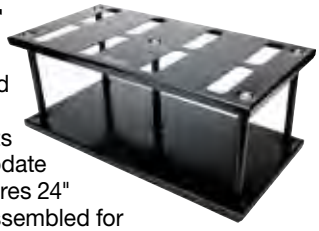
Oil Filter Cutter *ALL10538*

Tool removes the outer shell of most spin-on style engine oil filters to inspect the filter material for contamination or debris.

SB Chevy Cam Bearing Tool *ALL96470*

For installing cam bearings quickly and easily without damage. Shaft is steel; pilot and driver are aluminum.

Rod and Piston Holder *ALL96478*



Holder safely supports piston and connecting rod assemblies during engine teardown or assembly. Slots are 4-3/4"L x 1-1/2"W to accommodate most combinations. Holder measures 24" x 12" x 9-1/2" tall and can be disassembled for storage.

Rod Guide Tool *ALL96480*

Plastic tool slips over 3/8" or 7/16" rod bolts to aid piston installation and eliminate the chance of rod bolts hitting crank. A must for any engine builder's toolbox.

Part No.	Description
Related Part	
ALL96481	Rod Guide Tool Extensions 4.5", 1-Pair

Plastigage® Kit *ALL96475*

Plastigage strings are a simple and accurate way to verify crankshaft, main and rod bearing clearances. Kit includes two green .001" to .003" and one red .002" to .006" (12" long strings), individually packaged inside calibrated sleeves. Detailed instructions are included.

Valve Spring Compressor *ALL96490*

Adjustable C-clamp style compressor will fit most heads including Hemi. Spring cup will fit stock springs up to 1-3/4" diameter and has a 1.100" "working window" for access to keepers, which may be too large for some small diameter spring/retainer combinations. Compressor has 9/16" hex for use with a wrench, ratchet, or impact. This tool will handle spring pressures in excess of 1200 lbs. without slipping off.

Feeler Gauges

Use in engine assembly to check connecting rod side clearance, piston ring end gap, spark plug gap, and valve lash. Gauges have Metric and SAE sizing designations etched in each blade. Choose straight or angled sets.

Part No.	Description
ALL96420	Straight
ALL96421	Angled

Valve Lash Wrenches

Allstar Valve Lash Wrenches save precious time and eliminate fumbling with two separate wrenches. Available for Jesel, T&D and other poly-lock style rocker assemblies.

Part No.	Description
ALL96400	7/16" Box Wrench, 1/8" Allen Wrench, Jesel Assemblies
ALL96401	1/2" Box Wrench, 3/16" Allen Wrench, T&D Assemblies
ALL96402	9/16" Box Wrench, 3/16" and 7/32" Allen Wrenches
ALL96403	5/8" Box Wrench, 3/16" and 7/32" Allen Wrenches

Spark Plug Index Shims

Stackable shims index spark plugs at 30° intervals up to 360° properly positioning ground strap in cylinder head for increased power and clearance between spark plug and piston. Shims are intended for use with 14mm flat seat spark plugs only. Package of 24 shims contains 12 silver 60°, 12 black 90°, detailed instructions, and dial chart.

Part No.	Description
ALL96505	Shim Kit, Standard O.D. (.800")
ALL96506	Shim Kit, Small O.D. (.720")*

**** Shims are designed for close tolerance spark plug pockets such as those on ALL-PRO cylinder heads.***

Spark Plug Indexing Tool *ALL96510*

Indexing positions the ground strap of the spark plug properly for best piston dome clearance and exposes the electrode for a more even burn and possible gains of 5-15 horsepower. Works with flat gasket or taper seat 14mm spark plugs. Includes instructions.

Spark Plug Gap Tool *ALL96515*

Used to set consistent plug gap. Insert plug into holder, then put feeler gauge between ground strap and electrode. Gently turn knurled knob until feeler gauge is snug.

Spark Plug Gap Tool Kit *ALL96516*

Spark plug gap tool quickly and accurately gaps 14mm threaded spark plugs. Thread spark plug into tool, place the correct size feeler gauge beneath the ground strap, then tighten knob to set plug gap. Includes 17 different feeler gauge sizes .010" through .035".

Port And Polish Kit *ALL11052*

Kit includes an assortment of 60-, 80-, and 120-grit cartridge rolls for cleaning and modifying intake and exhaust ports to match gaskets, remove casting marks and for smoothing out runners. Two 1/4" mandrels are included with each kit.

Dykem Layout Fluid *ALL12070*

Apply layout fluid to the work surface to enhance visibility of scribes during fabrication. Blue fluid dries in minutes to a thin, uniform film without cracking or chipping. 4-oz. container has a built-in brush under cap. Not intended for use in set up of ring and pinion gear sets.

Compression Tester *ALL96520*

Tester checks cylinder compression from 0 to 300 PSI and features an air-hold valve with push-button reset. One-piece stepped brass end fitting with O-rings fits 14mm and 18mm spark plug threads. Easy-to-read 2-1/2" dial is encased in a metal housing, surrounded by an anti-shock rubber cover. A quick-release coupler connects the included 12" flexible hose to the gauge.

Flexible Magnetic Pickup Tool *ALL14172*

Flexible tool bends to multiple positions, extends up to 24", and has a magnetic end to quickly retrieve parts.

Telescoping Magnet *ALL14173*

A strong (3-pound pull), telescoping magnet that will retrieve dropped tools or fasteners. Tool extends over 2', and retracts to just 5" to fit in a shirt pocket.

Telescoping Mirror *ALL14174*

A 1-1/4" multi-positional, telescoping mirror for inspecting hard-to-see areas or locating engine oil leaks. Mirror is 6-1/2" long and extends to over 19".

Steel 12-Point AN Wrenches

Steel 12-point AN wrenches with rubber-coated handles are commonly used in tight areas such as tightening hose ends on dry sump oil pumps or fuel lines.

Part No.	Description
ALL11178	-8AN
ALL11179	-10AN
ALL11180	-12AN
ALL11181	-16AN

Utility Jugs NEW!

5-gallon utility jug features an O-ring sealed cap with a removable 1/2"NPT plug for installing a filler hose and a screw-on style vent with attached lanyard. Square shaped body measures 9-1/2" x 9-1/2" x 23" tall. Utility jugs include a 12" flexible filler hose with a capped end for a secure seal.

Part No.	Description
ALL40120	Clear
ALL40121	Red
ALL40122	Blue
ALL40123	Yellow

Funnels

Heavy-duty plastic funnels are perfect for topping off fuel or other liquids. Available in several sizes.

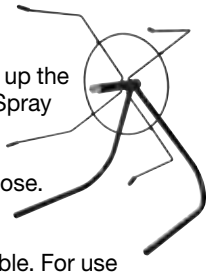
ALL40100 ALL40102 ALL40104

Part No.	Description
ALL40100	6-qt. Funnel with Brass Screen
ALL40102	2-qt. Funnel with Brass Screen
ALL40104	1-Pint Funnel with Brass Screen

1-Pint Funnel with Flexible Extension *ALL40107*

Funnel with 18" flexible extension works great for filling fluids in hard-to-reach areas, ideal for differentials and manual transmissions. Built-in hang tab allows funnel to be secured to body or frame for hands-free filling.

Filter Cleaning Station *ALL26009*



Filter cleaning station simplifies and speeds up the process of servicing 14" washable air filters. Spray air filter with a cleaner/degreaser as recommended by filter manufacturer, allow a brief time to soak, then flush clean with a garden hose. Allow filter to dry completely, rotating as necessary. Once filter is dry, use stand to rotate filter for even application of filter oil, if applicable. For use with washable filter elements only (sold separately).

Tool Tray *ALL14170*

Tool tray measures 12" x 18" x 3", with hooks on one side to fasten to race car nose or sprint/midget front wing and 6" stands on the opposite side so tray will sit level. Tray has 16 holes for spark plug and nozzle holder use.

Adjustable Aluminum Fitting Wrenches

Eliminate the guesswork of which wrench is needed to tighten, remove, or check steel braided hose fittings. Aluminum wrenches prevent damage to fitting and are available in two sizes: 8" for fittings up to a -10AN, and 10" for fittings up to -20AN.

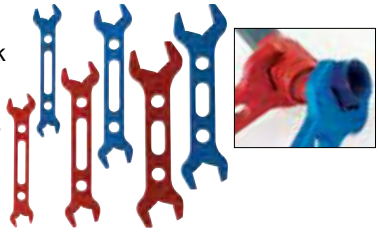
Part No.	Description
ALL11152	8"
ALL11153	10"

Aluminum AN Fitting Wrench Set *ALL11100*

Five-piece, aluminum wrench set for use with aluminum AN-style, braided hose fittings manufactured by Aeroquip, Earl's, etc. Sizes included are -6AN, -8AN, -10AN, -12AN, and -16AN. Each wrench is finished in different color anodizing for easy identification. Also sold each.

Part No.	Description
Individual Wrenches	
ALL11106	-6AN
ALL11108	-8AN
ALL11110	-10AN
ALL11112	-12AN
ALL11116	-16AN
ALL11118*	-20AN
**** -20AN wrench not included in set.***	

Double-Ended Aluminum AN Fitting Wrench Set *ALL11120*



Wrenches make quick work of checking both halves of a fitting when the line is installed on the car. Won't mar fittings like steel wrenches. Wrenches are also sold individually.

AN Size	Hose Wrenches (Red)	Fitting Wrenches (Blue)
Individual Double-Ended Wrenches		
-4, -6	ALL11124	ALL11126
-8, -10	ALL11128	ALL11130
-12, -16	ALL11132	ALL11134

Drum/Barrel Pump *ALL40114*

Hand siphon drum pump dispenses or transfers low viscosity fluids from a 55-gallon drum. Self priming bulb delivers up to 5 gallons per minute. Compatible with gasoline, methanol and nitro methane.

Drum Pump Kit for Utility Jugs

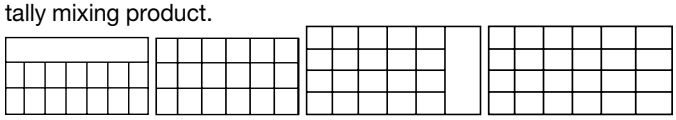
Easily transfer low-viscosity fluids from most popular utility jugs without lifting a heavy jug by converting jug into a hand pump unit. Kit includes a cap and hand pump to replace the original utility jug cap. Individual cap may be purchased separately when using an existing pump. Pump siphon tube will need to be cut to length depending on the size of jug used.

Part No.	Description
ALL40116	Kit for Use with Scribner Jug
ALL40117	Kit for Use with VP Jug
ALL40118	Cap Only for Use with Scribner Jug
ALL40119	Cap Only for Use with VP Jug

ALL40118 ALL40116

Storage Cases

These handy storage cases help organize many items around the shop, trailer, or home such as electrical connectors, quick turn fasteners, tire groover blades, small fasteners, and many more items. Curved compartment botttoms create a smooth scoop, making it easy to remove the smallest of items. Molded-in dividers prevent items from slipping under dividers and accidentally mixing product.



ALL14360 ALL14361 ALL14365 ALL14366

Part No.	Description
Plastic Cases	
ALL14360	15 Compartment, 11" x 7" x 1-3/4"
ALL14361	18 Compartment, 11" x 7" x 1-3/4"
Metal Cases	
ALL14365	21 Compartment, 9-1/2" x 13-1/2" x 2"
ALL14366	24 Compartment, 9-1/2" x 13-1/2" x 2"

Weather Pack Terminal Tool *ALL76264*

Tool removes male and female pin terminals from Weather Pack connectors without damage.

Weather Pack Pliers *ALL76221*

Weather Pack pliers will crimp most popular 10-22 gauge non-insulated terminals. 8" overall length.

Wire and Cable Cutters *ALL11003*

Capable of cutting copper stranded wire from 20-gauge primary wire to 1/0 gauge battery cable. These specially designed cutters will not flatten wire during cutting, which is helpful when installing connectors and building battery cables. Cutters are not designed to cut steel wire.

Ratcheting Crimp Pliers *ALL76220*

Perform professional quality crimps on most standard electrical connectors. Pliers include jaws for 22-18, 16-14, and 12-10 gauge connectors and are easily compressed with help from the ratcheting mechanism which releases when connector is fully crimped.

Tie Wrap Tool *ALL11005*

Tired of cuts from nylon tie wraps that have been trimmed with standard wire cutters? This tool does a great job of drawing nylon ties tight around bundles of wires or cables in tight areas and easily cuts flush with a twist of the wrist. ABS-constructed tool has steel cutting blades and works with common size nylon wire ties.

Nylon Tie Wraps

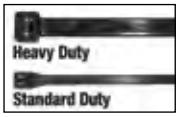
Secure electrical wiring, gauge lines, and roll bar padding. Available in black, natural, red, blue, yellow, and purple nylon. Package of 100.

Part No.	Description
Black	
ALL14120	3-3/4"
ALL14122	6"
ALL14123	7-1/4"
ALL14124	11-1/4"
ALL14125	14-1/4"
Natural	
ALL14130	3-3/4"
ALL14132	6"
ALL14133	7-1/4"
ALL14134	11-1/4"
ALL14135	14-1/4"
Red	
ALL14126	7-1/4"
ALL14127	14-1/4"
Blue	
ALL14128	7-1/4"
ALL14129	14-1/4"
Yellow	
ALL14136	7-1/4"
ALL14137	14-1/4"
Purple	
ALL14138	7-1/4"
ALL14139	14-1/4"

Heavy-Duty Nylon Tie Wraps

Heavy-duty black nylon ties are ideal for emergency repairs and applications that require a secure attachment.

Part No.	Description
ALL14380	8", 25-Pack
ALL14381	14", 25-Pack
ALL14383	21", 10-Pack
ALL14385	36", 10-Pack



Nylon Flush-Fit Tie Wraps

Flush-fit design ties have the excess portion of the tie exit in the same direction as the original tie, helping to eliminate the left-on protruding sharp portion found in standard ties. Package of 100.

Part No.	Description
ALL14395	8" Long
ALL14396	11" Long

Nylon Tie Wraps with Mounting Holes

Built-in tab with mounting hole to easily secure wiring harnesses, hoses, or cables to a panel with rivets or other fasteners. Package of 25.

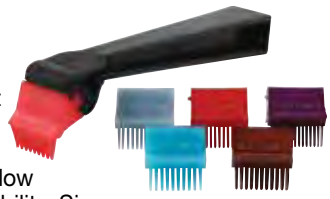
Part No.	Description
ALL14390	8" with #10 Hole
ALL14391	11" with #10 Hole
ALL14392	14" with 1/4" Hole

Tie Wrap Mounting Bases

Self-adhesive mounting bases provide a location for attaching standard tie wraps to secure wiring, cables, and hoses. Bases mount to clean, flat surfaces and accept 75# and smaller wire ties. Package of 10.

Part No.	Description
ALL14116	3/4" x 3/4" Mounting Base
ALL14117	1-1/8" x 1-1/8" Mounting Base

Radiator Fin Tool Kit *ALL10680*



Hand-held tool straightens and repairs damaged fins in most radiators, coolers, and air conditioning condensers. Repairing damaged fins provides better airflow through core increasing cooling ability. Six interchangeable heads: 13, 15, 16, 17, 18, and 20 fins per inch.

Blower Fan *ALL30002*

Compact 115V plastic blower moves up to 300 CFM of air and draws only 2.3 amps. The quiet electric blower can be adjusted to move cooling air wherever it's needed, up to 30 ft. away. Weighs just 8 lbs., with two built-in receptacles and a 12' long power cord.

Wall-Mount Radiator Holder Kit *ALL12216*

Brackets fasten to trailer wall and hold radiator safely in place during transport to avoid damage. Kit includes two 29" long aluminum brackets with adjustment holes at 2" increments and arms to fit radiator cores up to 2-1/4" deep. Adjustable arms are slotted for quick adjustment with included thumbscrew knobs to fit a variety of radiator heights.

Safety Glasses *ALL10258*

Comfortable, lightweight, general-purpose safety glasses have a clear wrap-around lens for maximum visibility. ANSI-Z87.1 rated.

Reusable Corded Earplugs *ALL12000*

Corded earplugs fit instantly without rolling or squeezing. Made of a soft material that cleans up easily in warm, soapy water.

Allstar Apron *ALL99962*

Black cloth apron has pockets to keep tools close at hand. Reverse apron to place pockets on the inside when grinding tires. Adjustable strap allows one size to fit all.

Nitrile Gloves

Nitrile gloves protect against dirt and grime and help prevent oil and harsh chemicals from contacting the skin. Chemical-resistant gloves work well for general purpose as well as jobs that involve oil, fuel, brake fluid, and most cleaning chemicals such as brake and carb cleaners. Package of 100.

Part No.	Description
ALL12024	Medium
ALL12025	Large
ALL12026	X-Large
ALL12027	XX-Large

Allstar Gloves

General-purpose gloves protect hands from everyday abuse in the shop or at the racetrack. Lightweight, elastic weave material with reinforced palm and fingers allows mobility and unrestricted use.

Part No.	Description
ALL99940	Medium
ALL99941	Large
ALL99942	X-Large

Deluxe Aluminum Mud Scraper *ALL44165*

Remove the stickiest mud and clay without damaging paint or decals. Lightweight and 32" long to reach wings, deck lids, and undercarriage. Use the convenient hole in end to hang scraper.

Pressurized Sprayers

Sprayers are great for applying bulk cleaners, degreasers, solvents, penetrating oils, and other lubricants. Sprayers have a capacity of 32 ounces. Versatile nozzle adjusts from mist to a stream.

Part No.	Description
ALL10516	Black
ALL10518	Chrome

Gregg Dalman — Photo by: JohnnyB Imagery

Racer's Tape

A hundred uses in the shop or at the track, this is true "Racer's Tape".

Part No.	Description
1" Wide x 90'	
ALL14140	Silver
ALL14141	Black
2" Wide x 180'	
ALL14150	Silver
ALL14151	White
ALL14152	Red
ALL14153	Black
ALL14154	Yellow
ALL14155	Blue
2" Wide x 180'	
ALL14156	Orange
ALL14157	Green
ALL14158	Burgundy
ALL14159	Purple
ALL14162	Teal
3" Wide x 180'	
ALL14142	White
ALL14143	Black

Gaffer's Tape

Vinyl-coated gaffer's tape has a dull appearance and is much stronger than standard racer tape.

Part No.	Description
2" Wide x 165'	
ALL14251	White
ALL14252	Red
ALL14253	Black
ALL14254	Yellow
ALL14255	Navy Blue
1" Wide x 150'	
ALL14245	Fluorescent Green
ALL14246	Fluorescent Pink
ALL14247	Fluorescent Orange
ALL14248	Fluorescent Yellow
2" Wide x 45'	
ALL14145	Fluorescent Green
ALL14146	Fluorescent Pink
ALL14147	Fluorescent Orange
ALL14148	Fluorescent Yellow
4" Wide x 165'	
ALL14261	White
ALL14263	Black

Non-Skid Tape

Heavy-duty, non-skid tape is long lasting and may be used in the race car, shop or trailer. Tape will handle temperatures up to 220°F.

Part No.	Description
ALL14175	2" x 10'
ALL14165	4" x 10'

Black and White Checkered Tape *ALL14149*

Checkered tape has many uses such as signs, displays, race cars, trailers, etc. Rolls are 2" W and 45' L.

Air Box Tape

Metalized tape has special adhesives to secure and seal panels. Designed specifically for sealing air boxes and other high-heat areas. Rolls are 2"W and 180'L.

Part No.	Description
ALL14270	Silver
ALL14272	Black

Reflective Tape

Reflective tape is weather- and solvent-resistant for outdoor use on the side and rear of trailers. Can also be used on safety equipment, motorcycles, farm equipment, and large trucks. Material is manufactured with the correct required DOT certification markings. 6" Red/6" White pattern. Rolls are 2"W x 50'L.

Part No.	Description
ALL14240	Triangle Pattern
ALL14242	Diamond Plate Pattern

Surface Guard Tape

Clear protective polyurethane tape can be applied directly over painted surfaces or decals to help prevent scratching, chipping, or other damage. Use on wheel well openings, rocker panels, headlight decals, door edges, or anywhere added protection may be required. Tape is 8mm thick and provides excellent resistance to ultraviolet light. Will not yellow over time.

Part No.	Description
ALL14275	2" x 30'
ALL14276	3" x 30'
ALL14277	4" x 30'

Shipping Tape

Seal shipping boxes and boxes of spare parts.

Part No.	Description
ALL14160	Clear 2" x 330' Roll
ALL14161	Tan 2" x 330' Roll

Tape Gun *ALL14163*

Use with shipping tape.

Masking Tape

Premium masking tape is ideal for protecting areas when priming and painting. Waterproof backing is suitable for wet sanding and works with baking cycles up to 230° for 60 minutes. UV resistant.

Part No.	Description
ALL14235	3/4"
ALL14236	1-1/2"
ALL14237	2"

Electrical Tape *ALL14280*

Protect electrical connections and secure wires. 3/4" x 60' roll. UL approved.

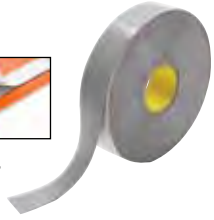
Thread Sealant Tape *ALL14282*

PTFE tape seals threads on pipe connections. 1/2" x 21' roll.

Silicone Repair Tape *ALL14285*

Tape is a self-fusing silicone with many uses including sealing plumbing and hoses, insulation of wiring from up to 500°F of heat, sealing electrical connections, and provides extra grip on steering wheels and tool handles. Resists fuels, oils, solvents, and will not gum up or stick like most other tapes. Roll is 1" wide x 10' long x 20 mil thick.

Double-Sided Tape *ALL14288*



Double-sided tape is a suitable alternative for attaching panels or trim when standard mechanical fasteners are not an option. Tape is ideal for mounting items on trailer walls or attaching aluminum panels in enclosed trailers. Roll is 3/4"W x 15'L.

Cleaning Wipes

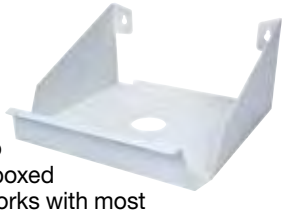
Disposable wipes are great for cleaning hands when washing is not an option. Perfect for use after fueling vehicles, making roadside repairs, or even as a pre-clean to remove stubborn grease. Durable textured wipes are pre-moistened, citrus scented, and enriched with aloe and vitamin E to deep clean and promote soft skin. Resealable package prevents product from drying out.

Part No.	Description
ALL12016	30-Ct. Pop-Up Dispenser
ALL12017	60-Ct. Pop-Up Dispenser

Scott Rags *ALL12005*

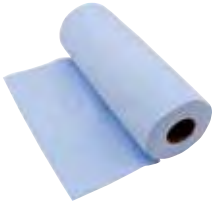
Multi-purpose cloth-like disposable towels are perfect for shop and trailer. 10" x 12" towels are packaged in a 200-ct. box with pop-up dispenser. Mount to shop or trailer wall with ALL12220 holder.

Rags-in-a-Box Holder *ALL12220*



Keep your work bench clean and your towels within easy reach! White powder-coated steel holder fastens to your shop or trailer wall to keep your boxed shop towels up and out of the way. Works with most popular boxed towels measuring 9-1/2" x 9-1/2".

Shop Towels *ALL12006*



Blue shop towels are much heavier than standard paper towels and work great for numerous tasks around the shop or track. Rolls contain 60 individually perforated 11" x 9-1/2" disposable sheets.

Shop Towel Roll Holder *ALL12219*

Aluminum shop towel holder is 11" wide to hold most standard size towel rolls. Two flip-over clips hold the towel rod in place for easy roll replacement and a weighted plate helps keep towels from unrolling when mounted to trailer or shop wall.

Towels

Soft, absorbent terry cloth towels can be used for polishing, wiping up spills, or general detailing. Shop towels belong with every tool box as well as in the shop, garage, or trailer.

Part No.	Description
ALL12010	Red Shop Towels, 25-Pack
ALL12011	White Shop Towels, 25-Pack
ALL12012	White Terry Towels, 12-Pack

Microfiber Towels *ALL12008*

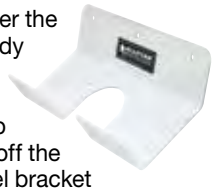
12" x 12" terry microfiber towels are great for polishing, cleaning, and many other uses around the shop or when detailing a vehicle. Different color towels keep jobs separated and help eliminate cross contamination between various polishes or cleaners. Package of 3.

Cordless Drill Holders

Secure to shop wall or trailer to keep frequently used cordless drills ready at hand! Holder is 6-1/2" wide and available in white or black.

Part No.	Description
ALL12202	White
ALL12203	Black

Push Broom Holder *ALL12204*



Stop tripping over the push broom! Handy bracket mounts to the shop or trailer wall to keep push brooms up off the floor. 9" wide steel bracket holds most standard push brooms or floor squeegees.

Aerosol Can Holders

Bolt to trailer or garage wall to hold cans up to 3" in diameter. Sturdy steel construction is pre-painted white.

Part No.	Description
ALL12200	Six Can Holder, 23"L x 3-1/2"D x 5-1/2"H
ALL12201	Three Can Holder, 11-1-2"L x 3-1/2"D x 5-1/2"H

Aerosol Can Tray *ALL12264*

Bolt aluminum can tray in multiple locations of shop or trailer walls to keep frequently used chemicals neatly organized and quickly accessible. Tray measures 16"L x 3-1/2"D with a 2-1/4" tall front lip.

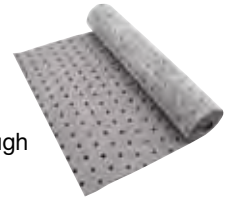
Oil Bottle Trays

ALL12265

Trays mount to shop or trailer wall and measure 4-1/2" deep, making them perfectly sized to hold most quart oil containers. Trays are fabricated from 1/8" thick aluminum and feature a white powder-coated finish.

Part No.	Description
ALL12265	16" Long Tray
ALL12268	21" Long Tray

Absorbent Mats



A must for the workshop and trailer. These handy absorbent mats have bonded layers, allowing fluid to spread quickly through material.

Part No.	Description
15" x 60" Rolls (Perforated Every 10")	
ALL12030	Universal for All Fluid Types (Oil, Coolant, Water)
ALL12031	Oil Only
100-Pack (15" x 10" Individual Sheets)	
ALL12032	Universal Ffor All Fluid Types (Oil, Coolant, Water)
ALL12033	Oil Only

Multi-Purpose Absorbent *ALL12035*

Organic material is a dust-free alternative when cleaning up spills. Sprinkle product on spills and sweep up. 5-lb. resealable bag.

Ratcheting Tie-Down Straps

Tie-downs are great for securing vehicles and pit equipment during transport. 2" x 8' long straps have heavy-duty plated hardware and a ratchet designed to hold excess strap material as it is pulled through and wrapped up during tightening. ALL10196 has a built-in axle strap with protective sleeve for wrapping around a rear end housing or chassis and then back to itself. The working load limit is the maximum load a strap should be subjected to during normal use.

ALL10184

ALL10188

ALL10192

ALL10196

Flat Hook

Direct Hook

Twist Hook

Part No.	Width	Length	Working Load Limit
Flat			
ALL10184	2"	8'	1,660 lbs.
Direct			
ALL10188	2"	8'	1,660 lbs.
Twist			
ALL10192	2"	8'	1,660 lbs.
ALL10196	2"	8'	1,660 lbs.

Race Car Tie-Down Package *ALL10209*

Includes two ALL10196 axle combo ratchet straps and two ALL10200 axle tie-back straps. Enough tie-downs to secure a car to any trailer.

ALL10196

ALL10200

Axle Straps

Axle straps or winch straps work great for wrapping around the chassis or axle tubes when securing a vehicle to a trailer or when winching a vehicle. Adjustable protective sleeve can be positioned as needed to help prevent strap damage from sharp edges. The working load limit is the maximum load a strap should be subjected to during normal use.

Part No.	Width	Length	Working Load Limit
Twist			
ALL10200	2"	24"-40" Adj.	1,660 lbs.
Delta Ring			
ALL10203	2"	21"	3,300 lbs.
ALL10207	2"	33"	3,300 lbs.
D-Ring			
ALL10204	2"	21"	1,660 lbs.
ALL10208	2"	33"	1,660 lbs.

Chassis Tie-Down Brackets *ALL60075*

Steel brackets weld to chassis and provide a secure mounting location to hook a tie-down strap or winch cable. Set of 2.

Recessed D-Ring *ALL10210*

Heavy-duty recessed D-ring.

D-Ring Backing Plate *ALL60074*

Backing plate strengthens and reinforces the mounting area of Allstar recessed D-rings. Plate may also be used as a template when installing D-rings and is bare steel, allowing plate to be welded in place. 1/4" thick.

Ratchet Binders

Secure extra equipment in the trailer with these 1" wide binders made of heavy-duty nylon webbing. Easy, one hand operation. Ratchet binders have a 1,000-lb. rating.

Part No.	Description
ALL10180	Standard 8' Length
ALL10182	Heavy-Duty 16' Length

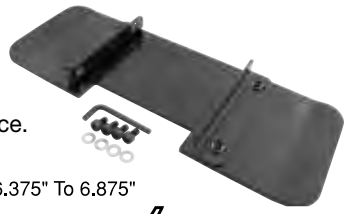
Aluminum Pit Jack

Lightweight, 3,000 lb. capacity floor jack has a low profile to roll under the lowest slung race chassis with a 3-5/8" pad height. Made of high-quality aluminum, jack incorporates a patented hydraulic system to reach maximum height of 17-1/2". Large, two-piece handle has a spring detent to lock handle halves together. Built-in stops on the jack prevent the handle from falling forward past the 12 o'clock position. Rolls easily on heavy-duty rear caster wheels. Optional dirt wing adapts jack for use in unpaved pits. 3-Pump and 6-Pump refers to the amount of pumps of the handle to lift the tires off the ground of a typical stock car.

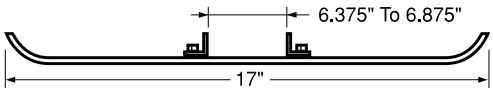
Notched Spring Cup With Removable Rubber Insert

Part No.	Description
ALL10422	3-Pump, Red
ALL10425	6-Pump, Silver

Dirt Wing for Pit Jack *ALL10426*



Provides a sturdy base when using the pit jack on a dirt surface.



Jack Stands *ALL10124*

Jack stands with unitized frame will support three tons. The ratchet locking mechanism assures safe, positive height control. Adjustable from 12-1/2" to 17-1/2". Sold in pairs.

Stack Stands *ALL10254*

Steel support stands can be stacked together to conserve valuable space in the trailer or shop. Stands are 14" tall with a sturdy 12" x 15" base and are rated at 3,000 lbs. each. Sold in pairs.

Stack Stand Pads *ALL10256*

Steel-reinforced rubber pads bolt to the top of our Stack Stands to help eliminate vehicle movement when located on stands. Pads measure 8-1/2" wide and include two molded-in studs with hardware for easy installation. Drilling is required to Stack Stands for installation. Sold in pairs.

Pit Cart Chassis *ALL10600*

Universal kit is a good starting point for building your own custom pit cart. Welding is required and the kit includes all the necessary components to get you off the ground with a rolling platform. Includes a pre-welded front cross member, spindles, steering components, 1" x 2" steel frame tubing with main rails drilled for rear axle, pre-welded rear axle assembly, wheels, tires, and a handle. Frame width is designed to be 14" and a maximum frame length of 60" with a 53" wheelbase. Frame may be shortened as needed.

Chassis Dollies *ALL10625*

Steel chassis dollies allow a car or chassis to be moved around the shop easily and safely. Each dolly measures 30" across the top with high-density rubber pads and a single wheel brake to help prevent rolling. Dollies adjust from 13" to 19" high with a removable 1" block on one side for use on sprint cars with a raised rail chassis. Stands also collapse flat for storage in shop or trailer. Dollies are rated up to 2000 lbs. per set and sold as a pair.

Track Mat *ALL10126*

Mats fold for easy storage and are ideal for use on asphalt, dirt, in the pits, or on the garage floor. Vinyl covered pad measures 52" x 24" unfolded, 12" x 24" folded. Black.

Moving Blanket *ALL12013*

All-purpose padded moving blanket is an ideal ground cover at the track, fender/seat cover or moving/storage pad. Quilted with bound edges. 72"x 80".

Pit Mat *ALL10605*

Large 10' x 20' black pit mat is made from heavy-duty vinyl and includes securing grommets.

Air Jack Kits with Dirt Foot

The air jack system fastens directly to your chassis and uses air pressure supplied by a nitrogen tank to raise your entire car in seconds! Kits include air jack cylinders with a 15-1/4" stroke length, cylinder mounting rings, air coupling with receiver, installation kit, safety stands, and detailed instructions. Lift cylinders feature a large 5" diameter base designed for use in dirt or soft pit areas. Air jack kit for complete car has a lifting capacity of 3000 lbs. and kit with two air jack cylinders has a lifting capacity of 1500 lbs. ***Note: A nitrogen tank, high-pressure regulator, and an air hose rated at a minimum of 400 PSI is required for operation.***

Dirt Foot

Part No.	Description
ALL11301	Kit with 4 Lift Cylinders for Complete Car
ALL11303	Kit with 2 Lift Cylinders for Rear of Car Only
Related Items	
ALL11313	Aluminum Bolt-On Mount
ALL11305	Aluminum Bolt-On Mount Kit (8 pcs.)
ALL11310	Pressure Regulator
ALL11312	Premium Hose Kit
ALL14483	Tube Clamp 1-1/2"
ALL14485	Tube Clamp 1-3/4"

Air Jack Kits

The air jack system fastens directly to your chassis and uses air pressure supplied by a nitrogen tank to raise your entire car in seconds! Kits include four air jack cylinders with a 11-3/4" or 15-1/4" stroke length, cylinder mounting rings, air coupling with receiver, installation kit, safety stands and detailed instructions. Air jack kits have a 3000-lb. capacity. ***Note: A nitrogen tank, high-pressure regulator, and an air hose rated at a minimum of 400 PSI is required for operation.***

Part No.	Description
ALL11302	Kit with 11-3/4" Stroke Cylinders
ALL11300	Kit with 15-1/4" Stroke Cylinders
Related Items	
ALL11313	Aluminum Bolt-On Mount
ALL11305	Aluminum Bolt-On Mount Kit (8 pcs.)
ALL11310	Pressure Regulator
ALL11312	Premium Hose Kit
ALL14483	Tube Clamp 1-1/2"
ALL14485	Tube Clamp 1-3/4"

High-Pressure Regulator *ALL11310*

Nitrogen tank regulator is adjustable from 10-500 PSI and is designed for use with the Allstar air jack kit ALL11300.

Premium Hose Kit for Air Jack System *ALL11312*

Premium hose kit includes 35' of 500 PSI hose and fittings to connect air jack systems to ALL11310 regulator.

Air Hose

3/8" rubber hose with durable outer coating is weather, oil, and solvent resistant. Maximum operating pressure is 200 PSI, burst pressure is 800 PSI. Solid brass 1/4"NPT end fittings.

Part No.	Description
ALL10526	Air Hose 25'
ALL10527	Air Hose 50'

Aluminum Air Tanks

Portable lightweight aluminum tanks provide an easy way to air up tires. Welded tanks will not rust or corrode and are pressure tested to military specifications up to 300 PSI.

Part No.	Description
ALL10531	7" x 10" Horizontal Tank, 1-1/2 Gallons
ALL10532	7" x 24" Vertical Tank, 2-3/4 Gallons
ALL10530	9" x 11" Horizontal Tank, 2-3/4 Gallon
ALL10534	9" x 20" Horizontal Tank, 5 Gallons

Tire Pressure Gauges, Glow in the Dark

Tire pressure gauge has a glow-in-the-dark face. Swivel chuck rotates 360° on a 14" long rubber hose for easy placement on valve stems with leak-free operation. A rubber cover surrounds the gauge for added protection against drops and has a ribbed molded pattern for increased grip. Gauge also features a built-in pressure-release valve for removing air in small amounts for precise pressure adjustments.

Part No.	Description
2-1/4" Diameter	
ALL44056	0-15 PSI, 2-1/4"
ALL44057	0-30 PSI, 2-1/4"
ALL44058	0-60 PSI, 2-1/4"
4" Diameter	
ALL44046	0-15 PSI, 4"
ALL44047	0-30 PSI, 4"
ALL44048	0-60 PSI, 4"

Tire Gauge Holders

Secure holder to shop or trailer wall to keep a tire gauge conveniently located. Aluminum holder works with most tire gauges and has wraparound sides to hold gauge in place.

Part No.	Description
ALL12259	Holds Gauges up to 3-1/2" O.D.
ALL12260	Holds Gauges up to 4" O.D.

Tire Durometer *ALL44034*

Easily check tire hardness. Includes storage pouch.

Tire Log Decal

Easy to write on, vinyl decal is handy when recording important tire information at the track. 8-1/2" x 2".

Part No.	Description
ALL047	4-Pack
ALL047-40	40-Pack

Tire Tape *ALL10674* NEW!

Easily figure out your tire stagger, the difference in circumference from one tire to the other with the help of this unique tire tape measure. The tape works by first measuring the largest tire and then using this dimension when measuring the smaller tire. The tape does the math for you; the value the larger tire size aligns with is your stagger value or amount of stagger.

Tire Tape Measures

10' long tapes are ideal for measuring tire diameters and checking stagger.

Part No.	Description
ALL10111	Economy
ALL10112	Deluxe

Tire Crayons

Ideal for temporary tire marking. 1/2" x 4-5/8".

Part No.	Description
ALL12060	White
ALL12061	Yellow

Sharpie Markers

Fine-point permanent markers work great for many uses around the shop or track which includes layout and fabricating, marking tire sizes, gear set ratios, jet sizes, etc. Sold each.

Part No.	Description
ALL12072	Black
ALL12073	Silver

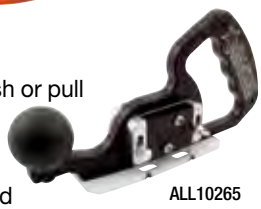
Paint Markers

Long-lasting, weather-, water-, and UV-resistant markers work on glass, plastic, rubber, and metal. Durable fiber tip permits fine or bold lines. Perfect for indicating tire stagger. Quick-dry, lead-free paint.

Part No.	Description
ALL12050	Silver
ALL12051	Yellow
ALL12052	White
ALL12053	Red
ALL12054	Blue
ALL12055	Light Blue
ALL12056	Black
ALL12057	Orange

Tire Siper *ALL10265*

Get more sipes per swipe! 6-blade push or pull style siper quickly and precisely sipes tires for better traction. Unit has adjustable sipe depth. Lightweight siper uses standard utility blades and is constructed for heavy-duty use.



ALL10265

Heated Tire Siper *ALL10266*

Sipe tires quickly and effortlessly while maintaining precise control. Siping can greatly improve traction by allowing the tire to reach and maintain optimum temperature. A locking lever and blade clamping screw secures up to 13 blades in the head assembly. Blades can be easily positioned up or down to desired cutting depth. A built-in blade rail holds blade strips in place while individual blades are snapped away. Tool heats in 10-15 minutes. 110V plug-in operation only.

Part No.	Description
ALL99104	Tension Lever Kit
ALL99109	Heating Element

Siping Blades *ALL99108*

Siping blades are designed to work in ALL10266 Heated Tire Siper and ALL10540 8-Blade Siping Head. Four strips contain six individual break-away blades that are easily removed or separated using needle-nose pliers. Package of 24 blades.

Multi-Blade Siping Head *ALL10540*

Siping head converts standard two-blade pistol grip siper into an eight-blade siper. Head holds up to eight individual break-away style blades that can be adjusted as needed for desired cutting depth. Head works with pistol grip and other heated sipers that accepts a .400" round mandrel. Blades are sold separately.

Part No.	Description
Related Part	
ALL99108	Siping Blades, 24-Pack

Backing Pads and Sanding Discs

Backing pads are designed to work with the other sanders that have a 5/8"-11 arbor. Sanding discs are specific to each backing pad and sold in packs of 5.

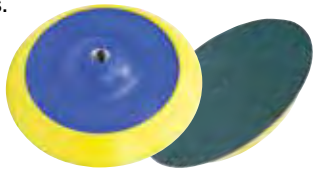
7" Backing Pad and Sanding Discs

Backing pad is a multi-piece unit that features a hard backing. The sanding disc is secured to the sander along with the backing pad and reinforcing disc with one spanner nut.

Part No.	Description
ALL44186	7" Backing Pad
ALL44187	7" Sanding Discs, 36 Grit

8" Backing Pad and Sanding Discs

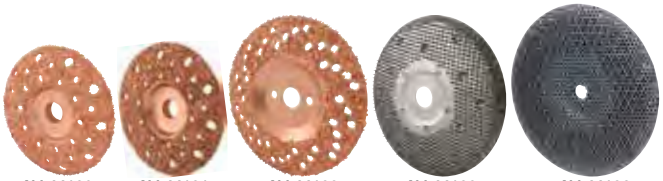
Backing pad is a one-piece unit that features a soft foam backing and a molded-in threaded insert to mount directly to the sander. The backing pad accepts hook-and-loop style sanding discs.



Part No.	Description
ALL44188	8" Backing Pad
ALL44189	8" Sanding Discs, 36 Grit
ALL44198	8" Sanding Discs, 24 Grit
ALL44197	8" Sanding Discs, 16 Grit

Tire Grinding Discs

Grind off the hardened outer "skin" on used dirt track tires and create round, aggressive sipes to increase traction. Use caution when handling and storing nail head disc, pins are needle sharp.



ALL44180 ALL44181 ALL44182 ALL44183 ALL44196

Part No.	Description	Diameter	Arbor Hole
ALL44180	Rounded Disc, 23 Grit	4"	5/8"
ALL44181	Flat Disc, 23 Grit	4"	5/8"
ALL44182	Rounded Disc, 16 Grit	7"	7/8"
ALL44183	Nail Head Disc	7"	7/8"
ALL44196	Nail Head Disc	8"	5/8"

***Safety Note:** To prevent bodily injury, the tire must be mounted on the car or secured in a tire holder. Eye and hand protection is required.*

Bead Breakers

Convenient tool makes quick work of breaking down even the most stubborn tire beads. Durable steel construction with rubber hand grips. Clamp the hook and inside jaw against the rim, while maintaining slight pressure on the outside handle, then press down on the inside handle, using the outer jaws to separate the tire from the rim, moving around the rim as needed.

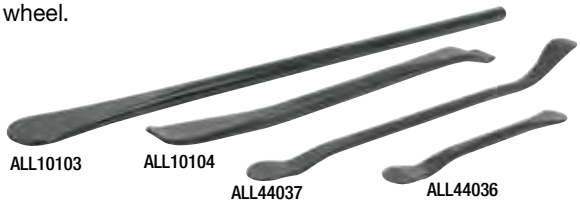
ALL44028

Part No.	Description
ALL44026	Bead Breaker for 10" Wheels
ALL44027	Bead Breaker for 13" Wheels
ALL10105	Bead Breaker for 15" Wheels
ALL10106	Bead Breaker for 15" Wheels Wide Jaw*
ALL44028	Bead Breaker with Adjustable Arm for 10", 13", and 15" Wheels

**** Wide jaw bead breaker works well with soft sidewall tires, helping prevent damage to sidewall.***

Tire Spoons

Steel tire spoons help to mount and dismount tires after bead has been broken. Various sizes are available to work with most tire/wheel combinations. Small tool works well to fit inside tire during removal while rounded ends help prevent damage to tire and wheel.


ALL10103 ALL10104 ALL44037 ALL44036

Part No.	Description
ALL10103	24" Straight with Round End
ALL10104	16" Curved with Flat End
ALL44037	16" Curved with Round End
ALL44036	9" Curved with Round End

Storage Tote *ALL059*

Durable storage tote has many uses around the shop or in the trailer. Store extra parts or keep parts from being damaged during storage. Great for organizing ratcheting tie-downs, specialty tools, such as tire groover, siper, and related tools. Totes also work well for storing chemicals and fluids to prevent spilling in cabinets. Interlocking lid design allows multiple totes to be securely stacked together. Inside dimensions are 20"L x 14"W x 12"H.

Heavy-Duty Flat Bottom Grooving Blades

Heavy-duty blades are twice as thick as standard blades for removing large amounts of material with less chance of blade damage. Commonly used in off-road racing. Package of 12.

Part No.	Description
ALL10580	#16 Flat, 16/32"
ALL10582	#20 Flat, 20/32"
ALL10584	#24 Flat, 24/32"
ALL10586	#32 Flat, 32/32"

"All-in-One" Heated Tire Groovers

Self-contained groover has built-in temperature controls, eliminating the additional cord and separate control box common with other groovers. Don't let the small package fool you; this groover has the ability to cut small intricate grooves yet still handle removing material up to a 1/2". Tapered, razor-sharp blade grooves fast and easily. To operate, insert a single blade into groover, set blade height with a tire depth gauge, and set the power level. Place the cutting edge against the tire surface and obtain instant heat by simply squeezing the trigger. Groover features a Hi/Low toggle switch and a temperature control dial in the handle for setting desired heat level. "All-In-One" groover requires "All-In-One" blades; do not use standard groover blades with this groover.

ALL99300 ALL99301 ALL99302 ALL99303
ALL99304 ALL99305 ALL99306 ALL99307

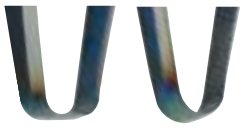
Part No.	Description
ALL10770	110V Groover Includes 1 Each 4/32", 5/32", 6/32", 8/32", and 10/32" Flat Blades.
ALL10772	220V Groover (Intended for International Use) Power cord requires the attachment of a 220-volt, grounded, 3-prong plug (not included). Includes 1 Each 4/32", 5/32", 6/32", 8/32", and 10/32" Flat Blades.
Replacement Parts (for ALL10770 and ALL10772)	
ALL99300	Head Assembly
ALL99301	Head Rebuild Kit
ALL99302	Blade Clamps, 1-Pair
ALL99303	Clamp Nuts, 1-Pair
ALL99304	Clamp Screws, 1-Pair
ALL99305	Cradle Springs, 1-Pair
ALL99306	Slide Pads, 3-Pair
ALL99307	Hex Wrench

"All-in-One" Groover Blades

Hard tempered spring steel blades are designed for use with the ALL10770 and ALL10772 "All-in-One" Heated Tire Groovers. Blades are honed to a razor-like finish and have a tapered shape, making the blade wider near the top where strength is needed and thinner at the bottom, greatly reducing drag as the blade cuts through the rubber. Blades are sold in packages of 12.

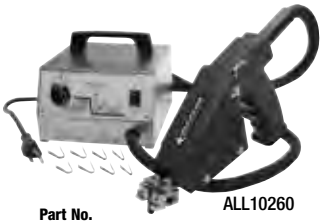
Note: All-in-One Groovers must use these All-in-One Blades but these blades can be used in any of our other groovers.

Blade	Size	Flat Bottom Blades	Round Bottom Blades
#1	1/32"	—	ALL10790
#2	2/32"	—	ALL10791
#3	3/32"	ALL10780	ALL10792
#4	4/32"	ALL10781	ALL10793
#5	5/32"	ALL10782	ALL10794
#6	6/32"	ALL10783	ALL10795
#8	8/32"	ALL10784	ALL10796
#10	10/32"	ALL10785	ALL10797
#12	12/32"	ALL10786	ALL10798
#14	14/32"	ALL10787	—
#16	16/32"	ALL10788	—


Flat Bottom Blades Round Blades

Heated Tire Groovers

Groovers add extra traction in minutes. Tapered, razor-sharp blade grooves fast and easy. To operate, insert a blade into groover, set blade height with a tire depth gauge, and set the power level. Features triggerless activation – simply place the cutting edge against the tire surface and press down for instant heat. Includes 2 each 4/32", 6/32", 8/32", and 10/32" flat blades.


ALL10260

ALL99105

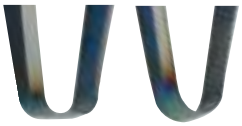
ALL99106

Part No.	Description
ALL10260	110V Groover features a 4-level dial and a hi/low switch for 8 total heat settings.
ALL10590	220V Groover (Intended for International Use) features a 4-level dial and a multi-positional dial for fine-tuned heat settings. Power cord requires the attachment of a 220-volt, grounded, 3-prong plug (not included).
Replacement Parts (for ALL10260)	
ALL99392	Head Assembly
ALL99393	Head Rebuild Kit
ALL99394	Blade Clamps, 1-Pair
ALL99303	Clamp Nuts, 1-Pair
ALL99304	Clamp Screws, 1-Pair
ALL99305	Cradle Springs, 1-Pair
ALL99306	Slide Pads, 3-Pair
ALL99307	Hex Wrench
Replacement Parts (for ALL10270 and ALL10590)	
ALL99104	Tension Lever Kit
ALL99105	Head Assembly
ALL99106	Front Pads w/Screws, 3-Pair
ALL99107	Rear Pads w/Screws, 3-Pack
ALL99127	Head Blade Divider

Heated Tire Groover Blades

Hard-tempered spring steel blades are designed for use with the ALL10260, ALL10270 , and ALL10590 Heated Tire Groovers. Blades are honed to a razor-like finish and have a tapered shape, making the blade wider near the top where strength is needed and thinner at the bottom, greatly reducing drag as the blade cuts through the rubber. Blades are sold in packages of 12.
Note: Do not use these blades in "ALL-IN-ONE" style groovers!

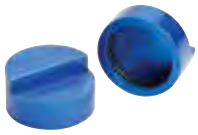
Blade	Size	Flat Bottom Blades	Round Bottom Blades
#1	1/32"	—	ALL10267
#2	2/32"	—	ALL10268
#3	3/32"	ALL10271	ALL10269
#4	4/32"	ALL10272	ALL10276
#6	6/32"	ALL10273	ALL10277
#8	8/32"	ALL10274	ALL10278
#10	10/32"	ALL10275	ALL10279


Flat Bottom Blades Round Blades

Suspension Tube Set Up Tool *ALL10676*

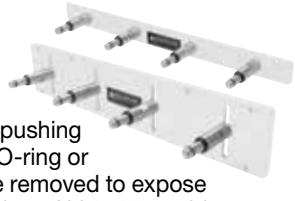
Slide rule device quickly measures and duplicates suspension or steering tube distances with 1/2", 5/8," and 3/4" rod ends. Set-up tool has an engraved scale with 1/16" increments for durability and accuracy.

Bolt Center Caps *ALL10678*



Caps slip over the head of standard 1/2" bolts to accurately measure the center-to-center length of installed suspension tube assemblies. Machined step secures the end of a standard tape measure for easy reading of the length to the center of the opposite cap. Caps feature a built-in O-ring that allows the cap to swivel on the bolt head and keeps it from falling off. Package of 2.

Shock Racks



Shock rack holds four shocks with 2-1/2" springs and easily mounts to trailer, shop wall, or pit cart. Rack is designed to hold shocks in place by pushing shock rod end or eye over the outer O-ring or alternatively, the outer O-ring may be removed to expose a predrilled hole for a hairpin clip such as ALL18442, sold separately.

Part No.	Description
ALL12212	Standard Rack
ALL12211	Adjustable Base Rack
Replacement Part	
ALL12213	Shock Pin, O-Ring, and Bolt

Extended Length Shock Rack Pin *ALL12215*

Extended length pin replaces the pin used on our standard and adjustable shock racks, allowing a shock or eliminator with a 5" spring to be mounted to the rack. Pins are also ideal for creating custom mounting for use on toolboxes or pit carts. The outer O-ring may be removed to expose a predrilled hole for a hairpin clip such as ALL18442, sold separately.

Shock Eye Socket *ALL64255*

The ideal tool for shock rebuilders or anyone that disassembles shocks on a regular basis! Unique socket safely removes and installs the shock rod end without risk of damage to the spherical ball. Steel socket contacts the outer housing of 1/2" rod ends up to .640" wide and has a 1/2" drive for ratchet or impact use.

Shock Workstation *ALL64264*

The all-in-one shock workstation holds most shock bodies in the upright position for ease of shaft removal or assembly and holds shock shafts vertical or horizontal for easier repairs and re-valving. Aluminum workstation can be placed in a vise, bench mounted using optional mounting bracket, or custom mounted using 1/4" fasteners.

Shock Workstation Base *ALL64267*

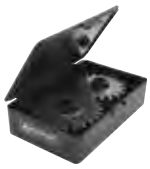
Steel base is helpful when mounting Allstar workstation (ALL64264) in a trailer or to a shop workbench. Mounting hardware included.

TOOLS & PIT EQUIPMENT

Shock Inflation Tool *ALL64260*

Tool threads onto shock Schrader valves. Fill valve and 0-300 PSI gauge head independently rotate a full 360°, for easy filling and reading. Complete with built-in bleeder and includes a protective storage case.

Quick Change Gear Totes



Durable plastic quick change gear tote organizes extra gear sets and keeps them clean. Lid snaps shut to hold gears in place. 8"L x 5"W x 2"H.

Description	Single	10-Pack
White	ALL14350	ALL14350-10
Black	ALL14351	ALL14351-10
Yellow 6-Spline (Midget) Gear Set	ALL14352	ALL14352-10

Quick Change Gear Case *ALL14355*

Sturdy composite storage case protects and holds up to 8 sets of quick change gears. Case has molded in carrying handles and metal hinges. 5" x 8" x 15-1/2" overall when closed.

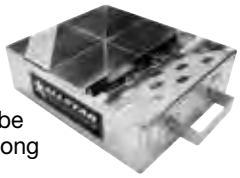
Gear Tote Tray *ALL12269*

Neatly organize up to 10 quick change gear tote boxes vertically. Tray is 21" long x 5-1/2" deep with a 4" tall front edge, making them perfectly sized for Allstar gear tote boxes.

Plastic Drain Pan *ALL40112*

Round drain pan has molded-in handles and pour spout. 13-1/2" x 11" x 4", 7-quart capacity.

Aluminum Quick Change Drain Pan *ALL14166*



Aluminum drain pan is handy when changing quick change gears. Built-in perforated shelf holds gears and allows lube to drain into pan. Pan is 10-1/4" wide, 12" long and 3-3/4" deep.

Drain Pan with Pump *ALL14171*

Drain pan with built-in pump holds and refills fluids when changing rear end gears. Molded plastic basin and lid slide together to prevent spilling of fluid. A crank handle is included for hand operation along with a length of straight hex shaft for use with an electric drill. 16" square x 7" tall. 14-quart capacity.

Quick Change Plastic Drain Pan *ALL14356* NEW!

Tapered top drain pan, combined with an open-flow corner, allow quick change gear changes to happen even faster. Low-profile, 2-piece plastic pan includes a stainless steel filter screen molded into the top tray. 4-qt. capacity.

WHEEL & TIRE ACCESSORIES

Weld Style Plastic Wheel Cover *ALL44168*

High-impact plastic wheel cover secures to 15" Weld beadlock wheels or non-beadlock wheels equipped with a retaining ring. Covers include quick-turn mounting fasteners.

Part No.	Description
Replacement Parts	
ALL44179	Retainer Ring for Weld Style Cover
ALL99165	Fasteners for Wheel Covers, 3-Pack

Weld Style Aluminum Wheel Covers

Aluminum wheel cover secures to 15" Weld beadlock wheels or non-beadlock wheels equipped with a retaining ring. Covers include quick-turn mounting fasteners.

Part No.	Description
ALL44170	Polished
ALL44171	Black
Related Components	
ALL44179	Retainer Ring for Weld Style Cover
ALL99165	Fasteners for Wheel Covers, 3-Pack

Aluminum Wheel Covers

Prevent mud and dirt build up in outer wheel shell. Covers fasten quickly with three quick-turn fasteners. Covers fit beadlock wheels only and are sold each.

Part No.	Description
ALL44175	Aero
ALL44176	Bassett/Weld
Replacement Parts	
ALL99165	Cover Fasteners, 3-Pack

Titanium Fastener Kit for Beadlock *ALL17000*

Kit includes (16) 5/16"-18 x 1" long bolts to reduce rotating weight over standard fasteners. These fasteners work with most beadlock wheels and weigh a total of 114 grams.

Note: Kit will not work with Sander Engineering beadlock wheels.

Schrader Valves *ALL44065*

Inflating tires through quick disconnects mounted in rim eliminates an extra valve stem. Valves work with Allstar Performance center reliefs and other popular plastic or aluminum quick-disconnect fittings. Sold in pairs.

WHEEL & TIRE ACCESSORIES

Wheel Disconnects

Fit 5/8" diameter valve stem hole for use with center reliefs and Schrader (fill) valve (ALL44065).

Part No.	Description
Plastic	
ALL44060	4-Pack
ALL44061	Each
Aluminum	
ALL44062	4-Pack
ALL44063	Each
Replacement Parts	
ALL44066	Sealing Washer, 4-Pack
ALL44067	Grommet, 4-Pack

ALL44060

ALL44062

ALL44066

ALL44067

APPAREL & DISPLAY MATERIAL

Allstar Hats

Hats have Allstar logo embroidered on the front and an adjustable head band.

Part No.	Description
ALL99951	Black
ALL99957	Black with Black Mesh Back
ALL99959	Black with White Mesh Back

Allstar Beanie *ALL99953*

Allstar T-Shirts

T-shirts have a large Allstar logo on the back and a small logo on the front left chest. Available in black, red, gray, or charcoal. Specify size when ordering (YM*, YL*, S, M, L, XL, XXL, XXXL).

Part No.	Description
ALL99902	Black
ALL99904	Red
ALL99906	Gray
ALL99907	Charcoal

**** Sizes YM and YL only available in Black or Charcoal***

Allstar Graphic T-Shirt

Black t-shirt with red and gray graphics on front and back.

Size	Part No.
Small	ALL99903S
Medium	ALL99903M
Large	ALL99903L
X-Large	ALL99903XL
XX-Large	ALL99903XXL
XXX-Large	ALL99903XXXL

Allstar Circle Track T-Shirts

Dark gray t-shirts have a circle track theme and Allstar logos on front and back.

Size	Part No.
Small	ALL99901S
Medium	ALL99901M
Large	ALL99901L
X-Large	ALL99901XL
XX-Large	ALL99901XXL
XXX-Large	ALL99901XXXL

Allstar Ladies Vintage T-Shirts

Available in burgundy, charcoal, or navy.

Size	Part No.
Burgundy	
Small	ALL99920S
Medium	ALL99920M
Large	ALL99920L
X-Large	ALL99920XL
XX-Large	ALL99920XXL
Charcoal	
Small	ALL99921S
Medium	ALL99921M
Large	ALL99921L
X-Large	ALL99921XL
XX-Large	ALL99921XXL
Navy	
Small	ALL99922S
Medium	ALL99922M
Large	ALL99922L
X-Large	ALL99922XL
XX-Large	ALL99922XXL

APPAREL & DISPLAY MATERIAL

Allstar Full-Zip Hoodie

Charcoal full-zipper hoodie features a small Allstar logo on left chest and is made from a 50/50 blend of soft spun cotton and poly fleece.

Size	Part No.
Small	ALL99917S
Medium	ALL99917M
Large	ALL99917L
X-Large	ALL99917XL
XX-Large	ALL99917XXL
XXX-Large	ALL99917XXXL

Allstar Lightweight Jacket

Black jacket has a small Allstar logo on front left chest area.

Size	Part No.
Large	ALL99918L
X-Large	ALL99918XL
XX-Large	ALL99918XXL

Allstar Hoodie

Allstar hoodie features a two color design and is 100% polyester for a wrinkle-free look.

Size	Part No.
Small	ALL99916S
Medium	ALL99916M
Large	ALL99916L
X-Large	ALL99916XL
XX-Large	ALL99916XXL
XXX-Large	ALL99916XXXL

Allstar Nylon Fleece Jacket

Jacket has a small Allstar logo on front left chest area. Nylon shell and fleece liner.

Size	Part No.
Large	ALL99914L
X-Large	ALL99914XL
XX-Large	ALL99914XXL
XXX-Large	ALL99914XXXL

Allstar Hooded Sweatshirt

Black hooded sweatshirt has large Allstar logo across the chest, drawstring hood and a large pocket.

Size	Part No.
Youth	
Youth Medium	ALL99913YM
Youth Large	ALL99913YL
Adult	
Small	ALL99913S
Medium	ALL99913M
Large	ALL99913L
X-Large	ALL99913XL
XX-Large	ALL99913XXL
XXX-Large	ALL99913XXXL

Allstar Apron *ALL99962*

Black cloth apron has pockets to keep tools close at hand. Reverse apron to place pockets on the inside when grinding tires. Adjustable strap allows one size to fit all.

Allstar Gloves

General purpose gloves protect hands from everyday abuse in the shop or at the racetrack. Lightweight, elastic-weave material with reinforced palm and fingers allows mobility and unrestricted use.

Size	Part No.
Medium	ALL99940
Large	ALL99941
X-Large	ALL99942

Allstar Can Cooler *ALL99965*

Keep your hand warm and your favorite beverage cool and covered.

Allstar Umbrella *ALL99960*

Versatile umbrella is only 16" long when retracted, but opens to a full 36". Easily stored.

Merchandising Displays

Allstar Performance merchandising displays for race, street, and drag. Each 4' x 4' display features a variety of fast-selling products to satisfy customer needs. A layout diagram is supplied to simplify set up. Display packages include free bonus items such as Allstar header display, Allstar decals, Allstar hang tags, and hooks. Display rack not included.

Part No.	Description
ALL070	Circle Track
ALL071	Circle Track
ALL072	Drag Race
ALL073	Street Performance
ALL074	Open Wheel/Sprint

Brake Fitting Displays

8" x 10" card includes an assortment (1 piece each) of popular brake line fittings. Visit website for breakdown.

Part No.	Description
ALL080	Display #1
ALL081	Display #2
ALL082	Display #3
ALL083	Display #4

Allstar Clock *ALL99968*

Silver framed 12" diameter clock features a bright white face with easy-to-read black numbers and hands. Includes AA battery.

Allstar Decals

Part No.	Description
ALL029	2" x 6"
ALL030	3" x 10"
ALL031	6" x 18"
ALL032	8" x 26"
ALL034	10" x 32"

Allstar Banner *ALL010*

Allstar Performance banner is 30" tall x 72" wide.

Allstar Showroom Display Header *ALL038*

ALLSTAR PERFORMANCE SPECIALTY PARTS & EQUIPMENT

Display header provides an excellent way to display Allstar products. Precut 6" x 48" black painted aluminum header may be trimmed to desired width.

Peg Hooks

Peg hooks fit standard 1" spaced peg board. Available in 2", 4", or 6" lengths, 1/8" diameter. Package of 50.

Part No.	Description
ALL054	2"
ALL055	4"
ALL056	6"

Product Fix-It Tags

Clear plastic tags are used to repair or reinforce the peg hook hole of most carded and bagged product. Tags have a self-adhesive backing which provides a quick and easy option for repairing display merchandise.

Part No.	Description
ALL020	10-Pack
ALL020-50	50-Pack

Hang Tags *ALL040*

Place tags behind product in showroom or parts trailer to provide part number, description, and price information for reordering. Package of 100.

Black Plastic Bags *ALL048*

18"L x 14-1/2"W. Package of 100.

Catalog Display Rack *ALL042*

Display Allstar catalogs next to products on counter top or as part of pegboard or slat wall display. Includes 10 Allstar Performance catalogs.

Allstar Counter Mat *ALL062*

18"L x 11-1/2"W.

A-1 PERFORMANCE PLUMBING

AN Adapters

AN Union

Part No.	AN Size
AAA81510	-10

AN Union Reducer

Part No.	AN Size	AN Size
AAA91912	-8	-6

Flare Seat Reducer

Part No.	Female Size	Male Size
AAA9500403	-4	-3
AAA9500806	-8	-6
AAA9501008	-10	-8
AAA9501612	-16	-12

Female Swivel Coupler

Part No.	AN Size
AAACPL04	-4
AAACPL06	-6
AAACPL08	-8
AAACPL10	-10

Female-to-Male Swivel Coupler

Part No.	AN Size
90°	
AAACPL904	-4
AAACPL906	-6
AAACPL908	-8

Tee Coupler with Swivel on Run

Part No.	AN Size
AAACPL82603	-3
AAACPL82604	-4
AAACPL82606	-6

Tee Coupler with Swivel on Leg

Part No.	AN Size
AAACPL82403	-3

Bulkhead Tee on Leg

Part No.	AN Size
AAA83403	-3

Bulkhead Nut

Part No.	AN Size	Qty.
AAA92403*	-3	2
** 2 pack.*		

Nylon Washers

Part No.	AN Size	Qty.
AAA250406	-6	2
AAA250408	-8	2
AAA250410	-10	2
AAA250412	-12	1

AN Adapters - (continued)

AN Caps

Part No.	AN Size
AAA92903	-3
AAA92912	-12

AN Port Plugs

Part No.	AN Size
AAA81406	-6
AAA81408	-8
AAA81410	-10
AAA81412	-12

Hard Line Adapters

Tube Nut

Part No.	AN Size	Qty.
AAA81806	-6	5

NPT Adapters

Female Tee

Part No.	NPT Size
AAA91702	1/4"

Brake Adapters

AN Male-to-Male Inverted Flare

Part No.	AN Size	Thread	Style
AAA1032403	-3AN	3/8"-24	I.F.
AAA1071603	-3AN	7/16"-24	I.F.

AN Male-to-FemaleInverted Flare

Part No.	AN Size	Thread
Inverted Flare		
AAAFM101003	-3AN	10 x 1.0mm

Miscellaneous Brake Adapters

Part No.	Description
AAAG105A	Brake Line Tee Adapter, -3AN x 3/8"-24, 7/16" Locator
AAAST81503	Steel Union, -3AN
AAAST81604	Straight AN to NPT Steel Adapter, -4AN x 1/8" NPT
AAAST82203	90° AN to NPT Steel Adapter, -3AN x 1/8" NPT
AAAST82303	45° AN to NPT Steel Adapter, -3AN x 1/8" NPT
AAAST83203	Steel Bulkhead Union, -3AN
AAAST83403	Steel Bulkhead Tee on Leg, -3AN

Mike McVetta

Photo by: JohnnyB Imagery

A-1 PERFORMANCE PLUMBING

AN to NPT Adapters

Part No.	AN Size	NPT Size
Straight		
AAA81603	-3	1/8"
AAA81604	-4	1/8"
AAA81644	-4	1/4"
AAA81662	-6	1/8"
AAA81606	-6	1/4"
AAA81607	-8	1/4"
AAA81608	-8	3/8"
AAA81688	-8	1/2"
AAA81611	-10	3/8"
AAA81610	-10	1/2"
45°		
AAA82366	-6	3/8"
AAA82307	-8	1/4"
AAA82308	-8	3/8"
90°		
AAA82203	-3	1/8"
AAA82206	-6	1/4"
AAA82266	-6	3/8"
AAA82268	-6	1/2"
AAA82208	-8	3/8"
AAA82288	-8	1/2"
AAA82211	-10	3/4"

200 Series Swivel Hose Ends

Reusable aluminum hose swivel design offers 360° of adjustment and the single nipple provides superior sealing. "Smooth-bend" technology promotes exceptional flow and performance.

Hose Size	Part No.
Straight	
-4	AAA00004
-6	AAA00006
-8	AAA00008
-10	AAA00010
-12	AAA00012
-16	AAA00016
45°	
-6	AAA04506
-8	AAA04508
-10	AAA04510
-12	AAA04512
-16	AAA04516
90°	
-6	AAA09006
-8	AAA09008
-10	AAA09010
-12	AAA09012
-16	AAA09016
120°	
-12	AAA01212
180°	
-6	AAA01806
-8	AAA01808

A-1 RACING PRODUCTS

2-1/2" Coil-Over Kits

Made of aluminum, these kits have slotted tops and are available for Carrera/QA1, Koni, Pro-Shock, Bilstein, and others.

Part No.	Description
Bilstein	
AAA12435	5" Series
AAA12436	7" Series
Koni	
AAA12433	7", 30 Series
Pro Shock	
AAA12420	5"
AAA12425	7"
Replacement Components	
AAA12455	7" Aluminum Sleeve, Carrera/QA1, Pro Shock
AAA12460	Aluminum Adjusting Nut

Rod End Bushings

Bushings reduce the diameter of the mounting hole for rod end bolt. Sold individually.

Part No.	Size
AAA10460	1/2" to 3/8"
AAA10465	5/8" to 1/2"
AAA10470	3/4" to 1/2"
AAA10475	3/4" to 5/8"

Carburetor Kits

AED carburetor kits, available in two versions, are ideal for rebuilding Holley 2300, 4150, and 4160-series carburetors. Ultimate Performance Kits include all float bowl, metering block, and miscellaneous gaskets, accelerator pump diaphragms, needle and seat assemblies, and small parts necessary to rebuild carburetor. Pro-Series Kits contain all Ultimate Performance Kit parts along with new bowl and carb screws as well as other small components to make carburetor run and look like new.

Application	Part No.
Ultimate Performance Kit	
Holley 390-950 CFM 4bbl., Double Pumper	AED4150
Holley 390-950 CFM 4bbl., Double Pumper/Alcohol	AED4150A
Pro-Series Kit	
Holley 390-950 CFM 4bbl., Double Pumper	AED41501

Extreme 9000 Ceramic Wire

Ferro-Spiral 8mm wire is the cure for burned spark plug wire boots. Ideal for applications where header-to-spark plug wire clearance is a concern, wire sets use ceramic boots that can withstand heat up to 2,000°F of heat. Sets are constructed using 500 Ohms/ft. spiral core wire that delivers maximum spark energy, while also providing the highest levels of RFI/EMI suppression. Universal V8 wire sets, with choice of straight or 90° spark plug boots, include boots and terminals for male and female tower distributor caps.

ACL9001C

Part No.	Description
ACL9001C	Universal 90° Wire Set
ACL9020C	SB Chevy Custom Wire Set, HEI, 90° Spark Plug Boots

Copper Core Spark Plugs

High-performance Copper Core spark plugs provide a hotter spark and faster burn rate for increased horsepower at high RPM's. One-piece construction plugs feature a conventional ground electrode and a Purified Alumina insulator to improve throttle response and fuel economy while preventing arcing and misfires. Precision, machine-rolled threads offer superior thread engagement and protect cylinder heads. Sold as a four-pack only. ***Please see page 540 for applications.***

Xtreme Piston Ring Compressors

Tapered-ring compressors ease piston installation and eliminate ring breakage. Compressors are machined from 6061-T6 aluminum, heat-treated, hard-anodized, and available in a variety of bore sizes.

Part No.	Bore Dia.	Part No.	Bore Dia.
ACXAC-RC3875	3.875"	ACXAC-RC4040	4.040"
ACXAC-RC3905	3.905"	ACXAC-RC4060	4.060"
ACXAC-RC4000	4.000"	ACXAC-RC4125	4.125"
ACXAC-RC4020	4.020"	ACXAC-RC4155	4.155"
ACXAC-RC4030	4.030"	ACXAC-RC4165	4.165"

Xtreme Assembly Oil

ACXAC-9900

Engineered to lubricate cylinders, pistons, and piston rings during the engine assembly process. Xtreme assembly oil prevents piston scuffing and promotes piston ring seating during the critical break-in period. Sold in a 16-oz. bottle.

Race Series Engine Bearings

Race Series 3/4-groove main bearings improve connecting rod oiling and load capacity. Bearings lack flash plating and have larger chamfers for large crank fillets. Rod bearings have hardened steel backings for improved crush under high load and improved overlays for increased strength. A “D” suffix indicates dowel pin holes; “X” indicates .001" added clearance. “A” aluminum silicon and stock replacement “P” series bearings are also available. Specify size (Standard, .001", .010", .020", etc.). ***Note: All rod bearings are sold in sets of 8.***

Engine	H Series	HD Series	HX Series	HXD Series	A Series
Chevy					
1967-02 Small Block 262, 265, 267, 302, 305, 307, 327, 350 Large Journal					
Rod Bearings	AEB8B663H	AEB8B663HD	AEB8B663HX	AEB8B663HXD	AEB8B663A
Rod Bearings, 1.889" Honda	AEB8B1663H	—	AEB8B1663HX	—	—
Main Bearings	AEB5M909H	—	AEB5M909HX	—	AEB5M909A
1955-67 Small Block 265, 283, 302, 327 Small Journal					
Rod Bearings	AEB8B745H	AEB8B745HD	AEB8B745HX	AEB8B745HXD	—
1970-80 Small Block 400					
Rod Bearings	—	—	AEB8B663HX	AEB8B663HXD	AEB8B663A
Main Bearings	AEB5M1038H	—	AEB5M1038HX	—	—

Camshaft Bearings

Part No.	Description
Chevy	
AEB5C3349C-STD	1964-02 Small Block
AEB5C3346C-STD	Small Block Bow Tie, 1.999"-2.001" Housing Bores

Steel Body 74 Series IMCA Legal Shock Absorbers

Steel 74 Series mono-tube shock absorbers use smaller, 1/2" (12.7mm) shafts that provide a 36% reduction in rod force and pressure gain when compared to 5/8" (15.9mm) shaft shocks, resulting in less rod pressure gain, improved driver feel, and better grip. Ideal for fast or rough tracks, IMCA-legal steel-bodied shocks are rebuildable, serviceable, and revalvable. Shocks are grooved for coil-over hardware.

Part No.	Stroke	Valving	Compressed Length	Extended Length
AFC74-7-3-6	7"	3C-6R	12.95"	18.85"
AFC74-7-3-7	7"	3C-7R	12.95"	18.85"
AFC74-7-3-8	7"	3C-8R	12.95"	18.85"
AFC74-7-4-6	7"	4C-6R	12.95"	18.85"
AFC74-7-5-3	7"	5C-3R	12.95"	18.85"
AFC74-7-5-5	7"	5C-5R	12.95"	18.85"
AFC74-9-3-4	9"	3C-4R	14.95"	22.85"
AFC74-9-3-5	9"	3C-5R	14.95"	22.85"
AFC74-9-4-4	9"	4C-4R	14.95"	22.85"
AFC74-9-6-3	9"	6C-3R	14.95"	22.85"
AFC74-9-8-2	9"	8C-2R	14.95"	22.85"
AFC74-9-9-2	9"	9C-2R	14.95"	22.85"

Mono-Tube Gas Shock Inflation Gauge Assembly

AFC20109

Required for filling gas into AFCO mono-tube gas shock absorbers.

Aluminum 52 Series Quarter Midget Shock

AFC523-30-20-0

New and improved, QM shock features multiple upgrades. VRT technology helps enhance driver feel and reduce fatigue. Near zero drag sealing system offers improved weight transfer and driver smoothness, while reduced hysteresis provides consistent seat-of-the-pants feedback to drivers. Short cone-design shock features 3 compression/2 rebound valving.

TECH TIP

Split Valve Shocks

In AFCO part numbers, split valve shocks are separated by a dash (compression-rebound). Example: AFC1473-5 shock has a compression of 3 and a rebound of 5.

Steel Body Twin Tube Shock Absorbers

Steel-body, twin-tube shocks fit dirt modifieds with swing arm or 4-link suspensions. Shocks are offered in small or big-body designs.

Part No.	Stroke	Valving	Comp. Length	Extended Length
10 Series				
Non-Adjustable Big Body (2.02" O.D.)				
AFC1074	7"	4	12.75"	19.50"
AFC1074-12*	7"	12	12.75"	19.50"
15 Series				
Non-Adjustable Small Body (1.64" O.D.)				
AFC1575	7"	5	12.70"	19.70"
**** Very stiff rebound.***				

Steel Sealed 14 Series Big Body Coil-Over Shock Absorbers

Steel twin-tube shock absorbers have large (2.02" O.D.) sealed bodies to accept coil-overs. Coil-over kit must be purchased separately.

Part No.	Stroke	Valving	Comp. Length	Extended Length
AFC1473	7"	3	12.375"	19.250"
AFC1473-5	7"	3-5	12.375"	19.250"
AFC1474	7"	4	12.375"	19.250"
AFC1474-6	7"	4-6	12.375"	19.250"
AFC1475	7"	5	12.375"	19.250"
AFC1475-3	7"	5-3	12.375"	19.250"
AFC1476	7"	6	12.375"	19.250"
AFC1476-2	7"	6-2	12.375"	19.250"
AFC1477	7"	7	12.375"	19.250"
AFC1479-1	7"	9-1	12.375"	19.250"
AFC1493	9"	3	14.375"	23.250"
AFC1493-5	9"	3-5	14.375"	23.250"
AFC1494	9"	4	14.375"	23.250"
AFC1495	9"	5	14.375"	23.250"
AFC1495-3	9"	5-3	14.375"	23.250"
AFC1496	9"	6	14.375"	23.250"
AFC1497-2	9"	7-2	14.375"	23.250"

R-Series Aluminum Body Shock Absorbers

Twin-tube, fixed-valve shocks are dyno tested, rebuildable, and revalvable.

Part No.	Stroke	Valving	Compressed Length	Extended Length
Aluminum Threaded Body				
AFC1373T	7"	3	13.00"	20.00"
AFC1373-5T	7"	3/5	13.00"	20.00"
AFC1373-7T	7"	3/7	13.00"	20.00"
AFC1374-6T	7"	4/6	13.00"	20.00"
AFC1375-3T	7"	5/3	13.00"	20.00"
AFC1376T	7"	6	13.00"	20.00"
AFC1393-5T	9"	3/5	15.00"	24.00"
AFC1394T	9"	4	15.00"	24.00"
AFC1394-6T	9"	4/6	15.00"	24.00"
AFC1399-3T	9"	9/3	15.00"	24.00"

Shock Absorber Rod Ends and Extensions

AFC1004

AFC20176S

Part No.	Description
AFC1004	11, 13 R-Series Rod End, Standard Length, Coil-Over Style
AFC20176S	19, 23, 24, 25, 55, 56, 57, and 58 Series Rod End, Standard, Steel

Shock Bumpers

Convoluted bumpers prevent bottoming shock absorber out.

Part No.	Description
AFC20173	Aluminum Cone, for Convoluted Shock Bumper
AFC223527	White Convoluted Shock Bumper Only, Standard
AFC223533	White Convoluted Shock Bumper Only, Medium/Hard

AFC20173

AFC223527

Spanner Wrench *AFC20110*

Wrench adjusts coil-over nuts. (Spring pressure should be relieved before adjusting.)

Coil-Over Kits

Part No.	Description
1.875" O.D. Kit	
AFC20125SB	1.875" Kit for Steel Small-Body Shocks (5" Sleeve)
2.5" O.D. Kits	
AFC20123	2.5" Kit for Small-Body Aluminum Non-Adjustable Shocks
AFC20125A-7	2.5" Kit for Steel Body/Take-Apart Shocks (5" Sleeve)
AFC20125A-7KR	2.5" Kit for 19, 23, 24, and 25 Series Shocks (7" Sleeve)
Replacement Components	
AFC10242	Snap Ring for R and S Series Big-Body Steel Shocks
AFC20130	Spring Seat, M2/T2 Shocks
AFC20144	Coil-Over Adjuster Nut Bearing Kit, Pair

Brian Ruhlman Photo by: JohnnyB Imagery

Take-Up Spring *AFC27005B*

Typically used when suspension travel unloads coil-over assembly.

Part No.	Description
Related Component	
AFC20183-1	Dual Stage Spring Spacer, Nylon

Dual-Stage Coil-Over Spacer Kit *AFC20121-2*

For use with big body shocks, kit keeps the springs and suspension loaded at all times to improve traction. Dual lock nut may be adjusted to enhance weight transfer and a variety of secondary spring rates are available for ultimate traction improvement. Kit includes (2) 2-step lock nuts, dual-stage nylon spring spacer, and dual-stage aluminum spring spacer.

Part No.	Description
Related Component	
AFC20183-1	Dual-Stage Spring Spacer Kit

Spring Rubbers

A quick, easy way to adjust for increased spring rate during pit stops.

Part No.	Description
AFC20185	Coil-Over, 2-1/2" or 2-5/8" Springs, 3/4" Thick
AFC20185-1	Coil-Over, 2-1/2" or 2-5/8" Springs, 7/8" Thick

Brake Pads

Engineered specifically for racing, AFCO offers several different brake pad compounds for a variety of popular calipers. Pads are sold in axle sets (four pads per box).

C1: Designed for medium- to high-temperature racing. Widely used in dirt racing. Recommended temperature use of 400°-900°F.

C33: Offers exceptional cold stopping power and increased stopping in a wider temperature range. Excellent for the front or rear of dirt cars, and the rear of asphalt cars. Recommended temperature use of 200°-1,200°F.

C2: Provides superior high-temperature performance. Recommended temperature use of 500°-1,200°F.

C34: Improves cold stopping power, while offering superior stopping in a wider temperature range. A bit more aggressive pad than C33. Ideal for use on the rear of dirt cars, or on the front of asphalt cars.

<-Less Aggressive		***- More Aggressive->***	
C1	**C33**	**C2**	**C34**
Wilwood S-lite/Outlaw 3000/4000/AFCO F88			
—	AFC6651012	AFC6651021	AFC6651022
Narrow Dynalite/Outlaw 2800/AFCO F22			
AFC1251-1002	—	AFC1251-2002	—

Racing Brake Rotors

AFCO racing brake rotors are precision machined and double disc ground to provide exceptional flatness. Available pillar vane rotors offer increased strength, reduced weight, and improved cooling. Choose from flat, slotted, or drilled rotors. All rotors listed include a 8-bolt x 7" bolt circle.

Part No.	Description	Thickness	Bolt Circle	Dia.	Weight
Pillar Vane Rotors					
AFC6640100	Flat Rotor	.810"	7"	11.75"	8.2 lbs.
AFC6640104	Slotted Rotor, RH	.810"	7"	11.75"	8.1 lbs.
Straight Vane Rotors					
AFC9850-6021	Straight Vane Rotor	.810"	7"	11.75"	8.2 lbs.
AFC9850-6120	Straight/Drilled Rotor	1.25"	7"	11.75"	7.9 lbs.

Integral Reservoir Master Cylinders

All-new AFCO aluminum master cylinders have high-capacity reservoirs and precise bores. External return spring provides positive pedal feel and prolongs pad life. Dual mounting bolt pattern and use of standard 1/8" NPT port fittings allow easy installation.

Description	Part No.
Master Cylinder Kits	
3/4" Bore Master Cylinder	AFC6620010
7/8" Bore Master Cylinder	AFC6620011
1" Bore Master Cylinder	AFC6620012

High-Performance HT and HTX Brake Fluid

Engineered to meet the demanding requirements of circle track racing. High-performance HT brake fluid meets DOT 3 requirements and includes a dry boiling point of 500°F, while non-silicone HTX fluid meets or exceeds DOT 4 requirements and has a dry boiling point of 600°F. HTX fluid is sold in 16.9-oz. can; HT fluid is sold in 12-oz. bottle.

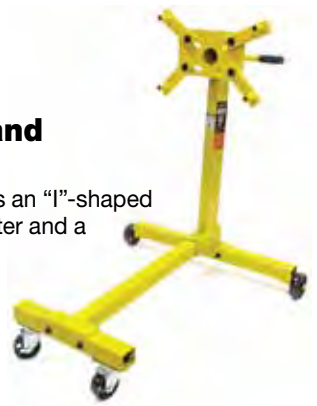
Single Container	1 Case (12 Cans)
HT Brake Fluid	
AFC6691901	AFC6691902
HTX Brake Fluid	
AFC6691903	AFC6691904

Brian Smith — Photo by: JohnnyB Imagery

AFM Performance Equipment

Heavy-Duty Engine Stand
AFM10175

Heavy-duty engine stand features an "I"-shaped base with support through the center and a 1,000-pound capacity.



ALINABAL®

PRO-Line Steel Series Rod Ends

Alinabal's PRO-Line Series of economical steel performance rod ends, with carbon fiber-reinforced races and maintenance-free self-lubrication, is ideal for suspension and other components.

Description	LH
1/2" x 5/8"-18	ALI30004731

ALTRONICS INC

PerformAIRE Pocket *ALTPAPKT*

PerformAIRE Pocket is a handheld racing weather station that includes ALTRONICS patented PerformAIRE weather-sensing and performance-calculating technology. Unlike other brands that claim to be for racing, the PerformAIRE's patented calculations are based on measuring horsepower and performance of an internal combustion engine. Ultrasonic technology accurately measures wind speed and gust with no moving parts that can break or wear out. Easy-to-use joystick controls all functions. Bright LED display allows for day and night use. Accurate with a fast response time.

PerformAire Weather Station
ALTPA2

The PerformAIRE weather station measures temperature, humidity, water grains, barometric pressure, dew point, and can automatically display density altitude with exceptional accuracy. A large keypad and easy-to-read multi-line LCD display make it easy to enter and review data. Stores up to 400 runs for tracking data trends.

PerformAire Eclipse Weather Station

State-of-the-art weather station features an internal fan-aspirated "sensor tunnel" which allows air to flow directly across the sensors for quick, accurate weather readings, even in direct sunlight. Uses a lithium-ion rechargeable battery (charger included). Includes the same prediction capabilities as the original PerformAire, but also allows for predictions with preset and user-defined ratios, multiple weather-variable predictions, plus predictions for wind effects. Unit is also offered with optional wind speed and oxygen sensors.

ALTPAE-WD

Part No.	Description
ALTPAE	PerformAire Eclipse Weather Station
ALTPAE-WD	PerformAire Eclipse Weather Station with Wind Speed Sensor
ALTPAE-02	PerformAire Eclipse Weather Station with Oxygen Sensor and Wind Speed Sensor

Digicam *ALTDCAM*

Quickly degree camshafts without a degree wheel. Digital display maintains 0.1 degree of accuracy and calculates TDC, intake centerline, and duration. Integrated crank socket eases engine rotation. Mount at any angle and advance or retard cam without removal. Socket inserts sold separately.

Part No.	Description
Crankshaft Socket Insert	
ALTDCAM-SBC	SB Chevy, 1.249", Red

Kyle Locke — Photo by: JohnnyB Imagery

Jason Blonde — Photo by: JohnnyB Imagery

Plain Face Late Model Brake Rotors —

Plain-face, 28-vane rotors are manufactured from dynamically balanced and double-heat-treated cast iron for exceptional braking. Rotors are 11.75" diameter and offered in .810" thicknesses.

Thickness	Dia.	Mounting Holes	Bolt Circle
Left 28 – Vane Rotor			
.810"	11.75"	8	7.00"

Ground Shipment Only

600 High-Temp Racing Brake Fluid *ALL78108*

Designed for extreme, high-temperature racing conditions with a dry boiling point in excess of 572°F. Exceeds DOT 3 standards. Sold in 16.9-oz. bottle.

Ground Shipment Only

PRF Brake Fluid *ALL78116*

Developed for extreme, high-temperature racing conditions (dry boiling point of 608°F). Exceeds DOT 4 specifications. Sold in 16.9-oz. bottle.

Air Flow Research

Small Block Chevy Eliminator Aluminum Cylinder Heads

The Eliminator aluminum cylinder heads, with choice of 210cc, 220cc, 227cc, and 245cc intake runners, have valves and studs in the stock GM L98 location. Race Ready 210cc and 227cc cylinder heads add 100% CNC-ported intake runners and are perfect for 350-400 cu. in.; the 227cc version is designed for larger cu. in. applications that see a minimum of 4500 RPM. Competition Package heads, offered in 220cc, 227cc, and 245cc versions, with 100% CNC-ported intake runners, are engineered for highly modified 350-434 cu. in. engines that operate at 4000-8000 RPM. All heads are sold in pairs, completely assembled (unless specified) with stainless valves, valve springs, retainers, locks, and seals.

Part No.	Description	Intake Runner	Comb. Chamber	Spark Plug	Int. Valve	Exh. Valve
AFR1050	Race Ready Assy.	210cc	75cc	Angle	2.080"	1.600"
AFR1054	Race Ready Assy.	210cc	65cc	Angle	2.080"	1.600"
AFR1100*	Comp. Pkg. Assy.	210cc	75cc	Angle	2.080"	1.600"
AFR1103	Comp. Pkg. Assy.	210cc	65cc	Angle	2.080"	1.600"
AFR1065*	Comp. Pkg. Assy.	220cc	65cc	Angle	2.100"	1.600"
AFR1110	Comp. Pkg. Assy.	220cc	65cc	Angle	2.100"	1.600"
AFR1112	Comp. Pkg. Assy.	220cc	75cc	Angle	2.100"	1.600"
AFR1067‡	Race Ready Assy.	227cc	75cc	Angle	2.100"	1.600"
AFR1068‡	Race Ready Assy.	227cc	65cc	Angle	2.100"	1.600"
AFR1120‡	Comp. Pkg. Assy.	227cc	75cc	Angle	2.100"	1.600"
AFR1121‡	Comp. Pkg. Assy.	227cc	65cc	Angle	2.100"	1.600"
AFR1124†‡	Comp. Pkg. Assy.	227cc	65cc	Angle	2.100"	1.600"
AFR1140-TI§	Comp. Pkg. Assy.	245cc	80cc	Angle	2.125"	1.600"

† Signifies spread port exhaust pattern ‡ Requires offset stud girdles
**** Signifies competition CNC-ported § Signifies titanium retainers***

Aluminum Valve Covers

Lightweight aluminum valve covers are offered in polished or black powder-coated finishes and are engraved with the AFR logo. Sold in pairs, complete with breathers and grommets.

	Black	Polished
SB Chevy, Tall		
	AFR6705	AFR6704

Small Block Chevy HS Roller Rocker Arms *AFR6036*

Engineered specifically for AFR 220cc or 227cc cylinder heads, 1.6 ratio aluminum roller rocker arms are designed for use with 7/16" studs and feature .050" offset. Sold in set of 16.

Stud Girdles

Billet aluminum construction stud girdles tie the rocker studs together, increasing valvetrain alignment and durability.

Part No.	vDescription
AFR6200	SB Chevy L98, Eliminator 180cc, 195cc, 210cc, and 220cc
AFR6208	SB Chevy, Offset for 227cc and 235cc
AFR6214-1	Stud Girdle Adjusting Nut (1) 7/16" x 2.200" SBC/BBC/SBF

StartLite Hose and Fittings NEW!

StartLite hoses are 45% lighter than conventional high-performance assemblies. Hose has a patented AQP elastomer inner tube and Nomex outer cover. Combine with aluminum crimp-style fittings for substantial weight savings. Use for fuel, lube, coolant, and air systems. Sizes -04 through -20. Crimp with Aeroquip ET1000 Series crimp machine. May also be used with reusable fittings.

Hose Dash Size	6-Ft. Length	10-Ft. Length	20-Ft. Length
-04	AERFCB0406	AERFCB0410	AERFCB0420
-06	AERFCB0606	AERFCB0610	AERFCB0620
-08	AERFCB0806	AERFCB0810	AERFCB0820
-10	AERFCB1006	AERFCB1010	AERFCB1020
-12	AERFCB1206	AERFCB1210	AERFCB1220
-16	AERFCB1606	AERFCB1610	AERFCB1620

StreetLite Performance Crimp Fittings NEW!

One-piece crimp fittings deliver improved flow, while eliminating the leak points associated with brazed joints. Fittings listed feature a swivel design, include a black anodized finish, and are clamshell packaged.

Dash Size	Crimp Swivel
Straight	
-4	AERFCL4211
-6	AERFCL4212
-8	AERFCL4213
-10	AERFCL4214
-12	AERFCL4215
-16	AERFCL4216

Dash Size	Crimp Swivel
45°	
-4	AERFCL4222
-6	AERFCL4223
-8	AERFCL4224
-10	AERFCL4225
-12	AERFCL4226
-16	AERFCL4216

Dash Size	Crimp Swivel
90°	
-4	AERFCL4232
-6	AERFCL4233
-8	AERFCL4234
-10	AERFCL4235
-12	AERFCL4236
-16	AERFCL4216

StartLite Hose and Fittings

StartLite hoses are 45% lighter than conventional high-performance assemblies. Hose has a patented AQP elastomer inner tube and Nomex outer cover. Combine with aluminum crimp-style fittings for substantial weight savings. Use for fuel, lube, coolant, and air systems. Sizes -04 through -20. Crimp with Aeroquip ET1000 Series crimp machine. May also be used with reusable fittings.

Hose Dash Size	ID	OD	Max. Oper. Pressure	Min. Bend Radius	Weight Per Ft.	Vacuum Service	6-Ft. Length	10-Ft. Length	20-Ft. Length
-04	.22"	.43"	500	2.00"	.05 lbs.	20	AERFCU0406	AERFCU0410	AERFCU0420
-06	.34"	.55"	500	2.50"	.08 lbs.	20	AERFCU0606	AERFCU0610	AERFCU0620
-08	.44"	.64"	500	3.50"	.11 lbs.	20	AERFCU0806	AERFCU0810	AERFCU0820
-10	.56"	.80"	500	4.00"	.14 lbs.	20	AERFCU1006	AERFCU1010	AERFCU1020
-12	.69"	.93"	350	4.50"	.16 lbs.	20	AERFCU1206	AERFCU1210	AERFCU1220
-16	.88"	1.15"	350	5.50"	.20 lbs.	20	AERFCU1606	AERFCU1610	AERFCU1620

Lightweight Crimp Aluminum Fittings for AQP Racing or StartLite Hose

Dash Size	Crimp Swivel
Straight	
-4	AERFBM4211
-6	AERFBM4212
-8	AERFBM4213
-10	AERFBM4214
-12	AERFBM4215
-16	AERFBM4216
30° Elbow	
-6	AERFBM4272
-10	AERFBM4274
-12	AERFBM4275

Dash Size	Crimp Swivel
45° Elbow	
-6	AERFBM4222
-8	AERFBM4223
-10	AERFBM4224
-12	AERFBM4225
-16	AERFBM4226
90° Elbow	
-6	AERFBM4232
-8	AERFBM4233
-10	AERFBM4234
-12	AERFBM4235
-16	AERFBM4236

Dash Size	Crimp Swivel
120° Elbow	
-6	AERFBM4242
-8	AERFBM4243
-10	AERFBM4244
-12	AERFBM4245
-16	AERFBM4246
150° Elbow	
-6	AERFBM4252
-10	AERFBM4254
-12	AERFBM4255
180° Elbow	
-8	AERFBM4263
-10	AERFBM4264
-12	AERFBM4265

**** Signifies a non-swivel fitting. Lightweight crimp fittings must be assembled with ET1000 Series crimp machine. Select AQP lightweight crimp fittings for ultimate weight savings. Select AQP reusable fittings for field serviceability.***

AQP Racing Hose

AQP racing hose is light, flexible, and its stainless steel cover resists corrosion and abrasion. Hose can operate at higher temperatures for longer periods of time and is compatible with petroleum or synthetic lubricants, hydrocarbon fuels, and engine coolants. Sold in 3-, 6-, 10-, 15-, and 20-foot lengths.

Bulk Firesleeve and Support Clamps

Listed in the right columns of the chart are the part numbers for Firesleeve and support clamps for each size hose. Firesleeve protects hose from fire damage and can be used as an insulator to keep fuel lines cool. Support clamps are the professional method to secure Aeroquip hose to chassis, frame rails, etc.

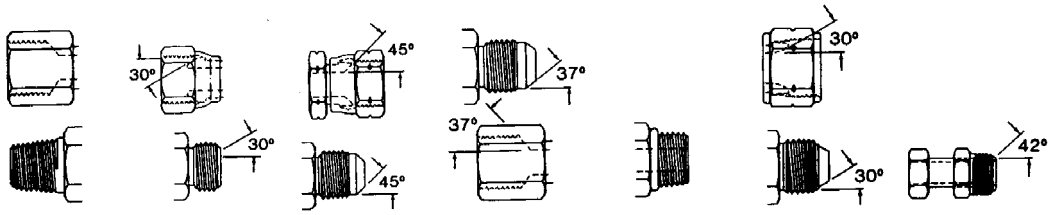
			AQP Racing Hose						
Hose Size	I.D.	O.D.	3-Ft. Length	6-Ft. Length	10-Ft. Length	15-Ft. Length	20-Ft. Length	Firesleeve	Support Clamp
-04	.22"	.44"	AERFCA0403	AERFCA0406	AERFCA0410	AERFCA0415	AERFCA0420	AERFCS0903*	AERFCM3482
-06	.34"	.55"	AERFCA0603	AERFCA0606	AERFCA0610	AERFCA0615	AERFCA0620	AERFCS1103*	AERFCM3484
-08	.44"	.65"	AERFCA0803	AERFCA0806	AERFCA0810	AERFCA0815	AERFCA0820	AERFCS1203*	AERFCM3485
-10	.56"	.80"	AERFCA1003	AERFCA1006	AERFCA1010	AERFCA1015	AERFCA1020	AERFCS1403*	AERFCM3487
-12	.69"	.94"	AERFCA1203	AERFCA1206	AERFCA1210	AERFCA1215	AERFCA1220	AERFCS1803*	AERFCM3488
-16	.88"	1.15"	AERFCA1603	AERFCA1606	AERFCA1610	AERFCA1615	AERFCA1620	AERFCS2003*	AERFCM3536

**** Last two digits for Firesleeve dictate length. Firesleeve available in 3', 6', and 10' lengths only.***

TECH TIP

THREAD SIZE CHART

The following chart is intended as a quick reference guide for thread size by dash size.



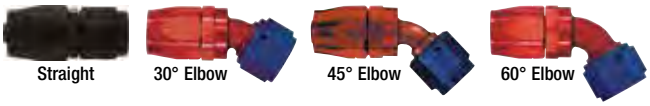
Dash Size	N.P.T.F.	N.P.S.M. Approximate Diameter	SAE 45° Automotive Refrigeration	S.A.E. 37° AN	S.A.E. O-Ring Boss	P.T.T. 30° Automotive	S.A.E. Inverted Flare	Tubing O.D. Size
-02	1/8"-27	1/8"-27	5/16"-24	5/16"-24	5/16"-24	—	5/16"-24	1/8"
-03	—	—	3/8"-24	3/8"-24	3/8"-24	—	3/8"-24	3/16"
-04	1/4"-18	1/4"-18	7/16"-20	7/16"-20	7/16"-20	—	7/16"-20	1/4"
-05	—	—	1/2"-20	1/2"-20	1/2"-20	—	1/2"-20	5/16"
-06	3/8"-18	3/8"-18	5/8"-18	9/16"-18	9/16"-18	—	5/8"-18	3/8"
-07	—	—	11/16"-24	—	—	—	11/16"-18	—
-08	1/2"-14	1/2"-14	3/4"-16	3/4"-16	3/4"-16	—	3/4"-18	1/2"
-10	—	—	7/8"-14	7/8"-14	7/8"-14	—	7/8"-18	5/8"
-12	3/4"-14	3/4"-14	1-1/16"-14	1-1/16"-12	1-1/16"-12	—	1-1/16"-16	3/4"
-14	—	—	—	1-3/16"-12	1-3/16"-12	—	—	—
-16	1"-11-1/2	1"-11-1/2	—	1-5/16"-12	1-5/16"-12	1-5/16"-14	—	1"
-20	1-1/4"-11-1/2	1-1/4"-11-1/2	—	1-5/8"-12	1-5/8"-12	1-5/8"-14	—	1"-1/4
-24	1-1/2"-11-1/2	1-1/2"-11-1/2	—	1-7/8"-12	1-7/8"-12	1-7/8"-14	—	1"-1/2
-32	2"-11-1/2	2"-11-1/2	—	2-1/2"-12	2-1/2"-12	1-1/2"-12	—	2"

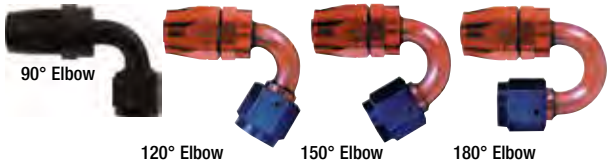
Darin Naida — Photo by: JohnnyB Imagery

Eli Lakin — Photo by: JohnnyB Imagery

Reusable Fittings for AQP Racing Hose

Aeroquip steel, nickel-plated aluminum, or anodized aluminum reusable fittings are engineered to match Aeroquip hose tolerances to provide excellent performance and service. High-quality, one-piece fitting has no braze joints to break or leak. When methanol and mixtures are used, corrosion can occur. Check the fittings regularly for signs of corrosion and flush system after use.





Size	Steel Swivel	Nickel-Plated Aluminum Swivel	Blue/Red Anodized Aluminum Swivel	Blue/Red Anodized Aluminum Non-Swivel	Black Anodized Aluminum Swivel
Straight					
-4	AERFCM1011	—	—	—	—
-6	AERFCM1075	—	—	—	AERFCM4412
-8	—	—	—	—	AERFCM4413
-10	—	—	—	—	AERFCM4414
-12	—	—	—	—	AERFCM4415
-16	—	—	AERFCM1016	—	AERFCM4416
-20	—	—	AERFCM1017	—	—
30° Elbow					
-6	—	—	AERFCM4072	—	AERFCM4472
-8	—	—	AERFCM4073	—	AERFCM4473
-10	—	—	—	—	AERFCM4474
-12	—	—	AERFCM4075	—	AERFCM4475
-16	—	—	AERFCM4076	—	AERFCM4476
45° Elbow					
-4	AERFCM1021	—	—	—	—
-6	—	AERFCE4022	AERFCM4022	AERFCM1022	AERFCM4422
-8	—	—	AERFCM4023	AERFCM1023	AERFCM4423
-10	—	—	AERFCM4024	AERFCM1024	AERFCM4424
-12	—	—	AERFCM4025	AERFCM1025	AERFCM4425
-16	—	—	AERFCM4026	AERFCM1026	AERFCM4426
-20	—	—	—	AERFCM1027	—
60° Elbow					
-6	—	—	AERFCM4082	—	AERFCM4482
-8	—	—	AERFCM4083	—	AERFCM4483
-10	—	—	AERFCM4084	—	AERFCM4484
-12	—	—	AERFCM4085	—	AERFCM4485
-16	—	—	AERFCM4086	—	AERFCM4486

Size	Steel Swivel	Nickel-Plated Aluminum Swivel	Blue/Red Anodized Aluminum Swivel	Blue/Red Anodized Aluminum Non-Swivel	Black Anodized Aluminum Swivel
90° Elbow					
-4	AERFCM1031*	—	—	—	—
-6	—	—	AERFCM4032	AERFCM1032	AERFCM4432
-8	—	—	AERFCM4033	AERFCM1033	AERFCM4433
-10	—	—	AERFCM4034	AERFCM1034	AERFCM4434
-12	—	—	AERFCM4035	AERFCM1035	AERFCM4435
-16	—	—	AERFCM4036	AERFCM1036	AERFCM4436
-20	—	—	—	AERFCM1037	—
120° Elbow					
-6	—	—	AERFCM4042	—	AERFCM4442
-8	—	—	AERFCM4043	—	AERFCM4443
-10	—	—	AERFCM4044	—	AERFCM4444
-12	—	—	AERFCM4045	—	AERFCM4445
-16	—	—	AERFBM4046†	—	—
150° Elbow					
-6	—	—	AERFCM4052	—	AERFCM4452
-8	—	—	AERFCM4053	—	AERFCM4453
-10	—	—	AERFCM4054	—	AERFCM4454
-12	—	—	AERFCM4055	—	—
-16	—	—	AERFBM4056†	—	—
180° Elbow					
-6	—	—	AERFCM4062	—	AERFCM4462
-8	—	—	AERFCM4063	—	AERFCM4463
-10	—	—	AERFCM4064	—	AERFCM4464
-12	—	—	AERFCM4065	—	AERFCM4465
-16	—	—	AERFBM4066†	—	—

**** Signifies a non-swivel fitting.***

† Sold as bulk. Many fittings are also available in bulk. Simply replace the FCM prefix with FBM followed by the desired part number.

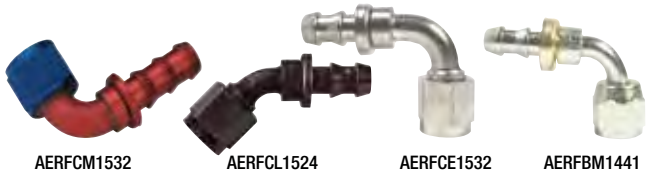
Socketless Hose and Fittings

AQP socketless hose and fittings are easily assembled without tools, saving time and effort. Socketless hose is offered in blue or black, and may be used for gasoline, alcohol, oils, air, and water.

Hose Dash Size	I.D.	O.D.	Max. Oper. Pressure	Min. Bend Radius	Vacuum Service	3-Ft. Length	6-Ft. Length	10-Ft. Length	15-Ft. Length	20-Ft. Length	25-Ft. Length
Blue Socketless Hose											
-04	.25"	.49"	250	3.00"	28"	AERFCV0403	AERFCV0406	AERFCV0410	—	—	AERFCV0425
-06	.38"	.62"	250	3.00"	28"	AERFCV0603	AERFCV0606	AERFCV0610	AERFCV0615	AERFCV0620	AERFCV0625
-08	.50"	.75"	250	5.00"	28"	AERFCV0803	AERFCV0806	AERFCV0810	AERFCV0815	AERFCV0820	AERFCV0825
-10	.63"	.91"	250	6.00"	18"	AERFCV1003	AERFCV1006	AERFCV1010	AERFCV1015	AERFCV1020	AERFCV1025
-12	.75"	1.03"	250	7.00"	18"	—	—	AERFCV1210	—	AERFCV1220	—
Black Socketless Hose											
-06	.38"	.62"	250	3.00"	28"	AERFCN0603	AERFCN0606	AERFCN0610	AERFCN0615	AERFCN0620	AERFCN0625
-08	.50"	.75"	250	5.00"	28"	AERFCN0803	AERFCN0806	AERFCN0810	AERFCN0815	AERFCN0820	AERFCN0825
-10	.63"	.91"	250	6.00"	18"	AERFCN1003	AERFCN1006	AERFCN1010	AERFCN1015	AERFCN1020	AERFCN1025
-12	.75"	1.03"	250	7.00"	18"	—	—	AERFCN1210	AERFCN1215	AERFCN1220	AERFCN1225

Aeroquip PERFORMANCE PRODUCTS By Parker

Socketless Elbow Fittings



AERFCM1532 AERFCL1524 AERFCE1532 AERFBM1441

Size	Blue/Red Aluminum	Black Aluminum	Nickel Plated Aluminum	Steel Swivel
45°				
-4	—	—	—	AERFBM1438
-6	AERFCM1522	AERFCL1522	AERFCE1522	AERFBM1439
-8	AERFCM1523	AERFCL1523	—	AERFBM1440
-10	AERFCM1524	AERFCL1524	—	—
-12	AERFCM1525	AERFCL1525	—	—
90°				
-4	—	—	—	AERFBM1441
-6	AERFCM1532	AERFCL1532	AERFCE1532	AERFBM1442
-8	AERFCM1533	AERFCL1533	AERFCE1533	AERFBM1443
-10	AERFCM1534	AERFCL1534	AERFCE1534	—
-12	AERFCM1535	AERFCL1535	—	—
120°				
-6	AERFCM1542	AERFCL1542	—	—
-8	AERFCM1543	AERFCL1543	—	—
-10	AERFCM1544	AERFCL1544	—	—
-12	AERFCM1545	—	—	—
150°				
-6	AERFCM1552	—	—	—
-8	AERFCM1553	AERFCL1553	—	—
-10	—	AERFCL1554	—	—
-12	AERFCM1555	—	—	—
180°				
-6	AERFCM1562	AERFCL1562	—	—
-8	AERFCM1563	AERFCL1563	—	—
-10	AERFCM1564	AERFCL1564	—	—

Socketless Straight Fittings

AERFCM1512 AERFCL1512 AERFCE1512

Hose Size	Blue/Red Aluminum	Black Aluminum	Nickel Plated Aluminum
-6	AERFCM1512	AERFCL1512	AERFCE1512
-8	AERFCM1513	AERFCL1513	AERFCE1513
-10	AERFCM1514	AERFCL1514	—
-12	AERFCM1515	AERFCL1515	—

AERFBM1200 AERFBM1444 AERFBM1222

Brass Male Pipe			
Bulk	Pipe Thread Size	Brass Male Flare	Brass Swivel
AERFBM1200	1/8"	—	AERFBM1231†
AERFBM1201	1/4"	—	AERFBM1231†
AERFBM1207	1/4"	AERFBM1445	AERFBM1222
AERFBM1202	3/8"	AERFBM1445	AERFBM1222
AERFBM1206	3/8"	—	AERFBM1233†
AERFBM1203	1/2"	—	AERFBM1233†
AERFBM1204	1/2"	—	AERFBM1234†

† Fittings mate with both 37° and 45° male flares.

Straight -6AN to -8AN Brass Female Flare

AERFBM1232

Fitting mates with both 37° (AN) and 45° male flares.

Hose Size	Thread Size
-6	3/4"-16

Hose Assembly Lube

AERFBM3553

A specially compounded lubricant for use in hose assembly work. Suitable for hand or machine assembly. One-pint container.

Socketless Fitting Assembly Tool

AERFBM3632

Hand-held tool makes quick and easy work of installing fittings into FCV or FCN socketless hose. Works on hose sizes -04, -06, and -08.

Vise Jaw Inserts

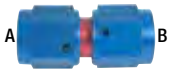
AERFCM3661

Magnet-backed billet inserts set up quickly and hold the hex of the fitting securely during assembly without marring the finish. A horizontal pocket runs the entire length of the inserts to hold braided hose in place, making straight cuts fast and easy.

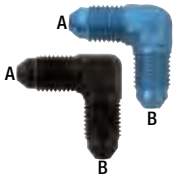
Davey Hamilton Jr. Photo by: JohnnyB Imagery

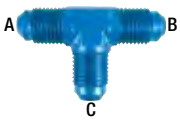
AN Flare Adapters

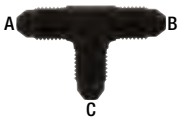
Blue Anodized Aluminum	Black Anodized Aluminum	Steel	"A" Dash Size	"B" Dash Size
Aluminum Or Steel Flare Union				
Flare Union				
AERFCM2050	AERFCM5050	AERFCM2750	-3	-3
AERFCM2051	AERFCM5051	AERFCM2751	-4	-4
AERFCM2052	AERFCM5052	AERFCM2756	-6	-6
AERFCM2053	AERFCM5053	—	-8	-8
AERFCM2054	AERFCM5054	AERFCM2761	-10	-10
AERFCM2055	AERFCM5055	—	-12	-12
AERFCM2056	AERFCM5056	—	-16	-16
Aluminum Or Steel				
Union Reducer				
AERFCM2048	AERFCM5048	AERFCM2749	-4	-3
AERFCM2156	AERFCM5156	—	-6	-4
AERFCM2049	—	—	-8	-4
AERFCM2160	AERFCM5160	AERFCM2758	-8	-6
AERFCM2188	—	—	-10	-4
AERFCM2162	AERFCM5162	—	-10	-6
AERFCM2163	AERFCM5163	AERFCM2760	-10	-8
AERFCM2189	—	—	-12	-4
AERFCM2165	—	—	-12	-6
AERFCM2166	AERFCM5166	—	-12	-8
AERFCM2167	AERFCM5167	—	-12	-10
AERFCM2169	—	—	-16	-10
AERFCM2170	AERFCM5170	—	-16	-12
Aluminum				
Female Flare Swivel				
AERFCM2914	—	—	-4	-4
AERFCM2915	—	—	-6	-6
AERFCM2916	—	—	-8	-8
AERFCM2917	—	—	-10	-10
AERFCM2918	—	—	-12	-12
Aluminum or Steel				
O-Ring Boss to Male 37°				
AERFCM2953	AERFCM5953	—	-10	-10
AERFCM2954	AERFCM5954	—	-10	-12
AERFCM2955	AERFCM5955	AERFCM2959	-12	-12
AERFCM2956	AERFCM5956	—	-12	-16

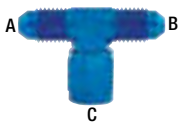


Blue Anodized	Black Anodized	"A" Dash Size	"B" Dash Size	"C" Dash Size
Aluminum				
90° Elbow Union				
AERFCM2186	AERFCM5186	-3	-3	—
AERFCM2119	AERFCM5119	-4	-4	—
AERFCM2120	AERFCM5120	-6	-6	—
AERFCM2190	AERFCM5190	-8	-8	—
AERFCM2191	—	-12	-12	—
Aluminum				
Union Tee				
AERFCM2060	AERFCM5060	-3	-3	-3
AERFCM2061	AERFCM5061	-4	-4	-4
AERFCM2062	AERFCM5062	-6	-6	-6
AERFCM2063	AERFCM5063	-8	-8	-8
AERFCM2064	AERFCM5064	-10	-10	-10
AERFCM2065	AERFCM5065	-12	-12	-12
Aluminum				
Tee with Female on the Bottom				
AERFCM2281	—	-4	-4	-4
AERFCM2282	—	-6	-6	-6
AERFCM2283	—	-8	-8	-8
AERFCM2284	—	-10	-10	-10
AERFCM2285	—	-12	-12	-12
Aluminum				
Female Flare Tee				
AERFCM2175	—	-8	-8	-8



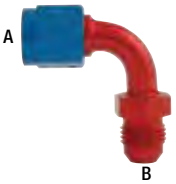


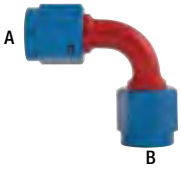




AN Flare Adapters *(continued)*

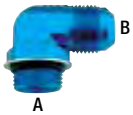
Part No.	"A" Dash Size	"B" Dash Size
Aluminum		
45° Male to Female Swivel Flare		
AERFCM3148	-6	-6
AERFCM3149	-8	-8
AERFCM3150	-10	-10
AERFCM3151	-12	-12
Aluminum		
90° Male to Female Swivel Flare		
AERFCM3155	-6	-6
AERFCM3156	-8	-8
AERFCM3157	-10	-10
AERFCM3158	-12	-12
Aluminum		
45° Female Flare Swivel		
AERFCM2971	-6	-6
AERFCM2972	-8	-8
AERFCM2973	-10	-10
AERFCM2974	-12	-12
Aluminum		
90° Female Flare Swivel		
AERFCM2978	-6	-6
AERFCM2979	-8	-8
AERFCM2980	-10	-10
AERFCM2981	-12	-12





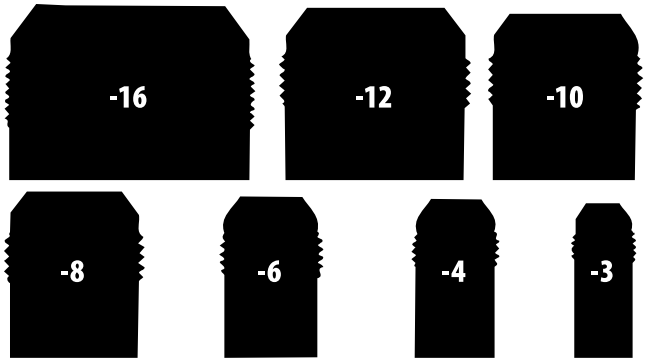
Low Profile 90° O-Ring Boss to Male 37°
AERFCM2263

"A" Dash Size	"B" Dash Size
Blue Anodized Aluminum	
-12	-12



TECH TIP

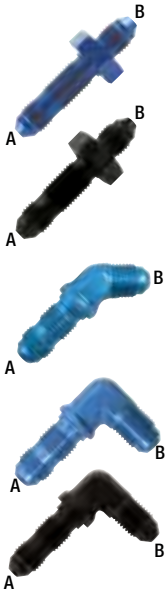
Actual Thread Sizes
AN FITTINGS

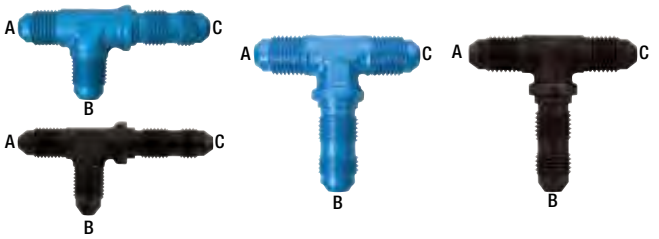


Aeroquip PERFORMANCE PRODUCTS By Danaher

AN Flare Bulkhead Adapters

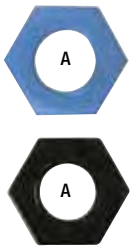
Blue Anodized Aluminum	Black Anodized Aluminum	Steel	"A" Dash Size	"B" Dash Size
Aluminum or Steel				
Bulkhead Union				
AERFCM2769	AERFCM5769	AERFCM2770	-3	-3
AERFCM2071	AERFCM5071	AERFCM2771	-4	-4
AERFCM2072	AERFCM5072	AERFCM2774	-6	-6
AERFCM2073	AERFCM5073	AERFCM2775	-8	-8
AERFCM2074	AERFCM5074	—	-10	-10
AERFCM2075	AERFCM5075	AERFCM2777	-12	-12
AERFCM2076	AERFCM5076	—	-16	-16
Aluminum or Steel				
45° Elbow Bulkhead Union				
AERFCM2893	—	—	-3	-3
Aluminum or Steel				
90° Elbow Bulkhead Union				
AERFCM2799	AERFCM5799	AERFCM2790	-3	-3
AERFCM2081	—	AERFCM2791	-4	-4
AERFCM2082	AERFCM5082	AERFCM2793	-6	-6
AERFCM2083	AERFCM5083	AERFCM2794	-8	-8
AERFCM2084	AERFCM5084	—	-10	-10
AERFCM2085	AERFCM5085	—	-12	-12



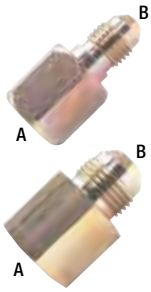


Blue Anodized Aluminum	Black Anodized Aluminum	Steel	"A" Dash Size	"B" Dash Size	"C" Dash Size
Aluminum or Steel					
Bulkhead Run Tee					
AERFCM2815	AERFCM5815	AERFCM2809	-3	-3	-3
AERFCM2118	—	—	-6	-6	-6
Aluminum or Steel					
Bulkhead Tee					
AERFCM2808	—	—	-3	-3	-3
AERFCM2091	—	—	-4	-4	-4

Blue Anodized Aluminum	Black Anodized Aluminum	Steel	"A" Dash Size	No. Per Pack
Aluminum or Steel				
Locknut				
AERFCM3556	AERFCM5556	AERFCM2095	-3	2
AERFCM2099	AERFCM5099	AERFCM2096	-4	2
AERFCM2100	AERFCM5100	AERFCM2098	-6	2
AERFCM2103	AERFCM5103	—	-8	1
AERFCM2104	AERFCM5104	—	-10	1
AERFCM2105	AERFCM5105	—	-12	1
AERFCM2106	AERFCM5106	—	-16	1



Steel	"A" Dash Size	"B" Dash Size
Steel		
Reducer 37° Flare Swivel/37° Flare		
AERFCM2408	-6	-4
AERFCM2409	-8	-4
AERFCM2410	-8	-6
AERFCM2411	-10	-6
AERFCM2413	-12	-6
AERFCM2414	-12	-8
Steel		
Reducer 37° Flare/37° Flare		
AERFCM2421	-10	-8
AERFCM2422	-12	-10



AN Tube Fittings

Aluminum	Steel	"A" Dash Size	Alum. No. Per Pkg.	Steel No. Per Pkg.
Aluminum or Steel				
AN Tube Cap*				
AERFCM3751	AERFCM3479	-3	2	6
AERFCM3752	AERFCM3480	-4	2	6
AERFCM3740	AERFCM3602	-6	1	2
AERFCM3741	AERFCM3603	-8	1	2
AERFCM3742	AERFCM3604	-10	1	2
AERFCM3743	AERFCM3605	-12	1	2
AERFCM3744	AERFCM3566	-16	1	1
—	AERFCM3567	-20	N/A	1

**** Aluminum tube caps are two-piece. AN numbers for configuration reference.***

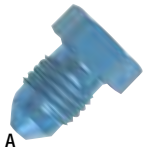
AN Nuts and Sleeves

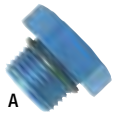
Aluminum	Steel	"A" Dash Size	Alum. No. Per Pkg.	Steel No. Per Pkg.
Aluminum or Steel				
AN Tube Nut †				
AERFCM3554	AERFCM3591	-3	6	1
AERFCM3555	AERFCM3570	-4	6	1
—	AERFCM3571	-5	N/A	1
AERFCM3675	AERFCM3572	-6	2	1
AERFCM3676	—	-8	2	1
AERFCM3677	—	-10	2	1
Aluminum or Steel				
AN Tube Sleeve †				
AERFCM3669	AERFCM3667	-3	6	6
AERFCM3670	AERFCM3668	-4	6	6
—	AERFCM3679	-5	2	2
AERFCM3671	AERFCM3680	-6	2	2
AERFCM3672	—	-8	2	2
AERFCM3673	—	-10	2	N/A

† For use with aluminum tubing. Tube nut and sleeve are to be used together.

AN Plugs

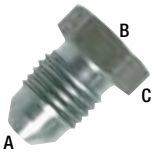
Blue Anodized Aluminum	Steel	"A" Dash Size
Aluminum or Steel		
Flare Plugs		
AERFCM3712	AERFCM3701	-3
AERFCM3713	AERFCM3702	-4
AERFCM3714	AERFCM3703	-6
AERFCM3715	—	-8
AERFCM3716	—	-10
AERFCM3717	—	-12
AERFCM3718	—	-16
Aluminum O-Ring		
Boss Plug		
AERFCM3722	—	-3
AERFCM3723	—	-4
AERFCM3724	—	-6
AERFCM3725	—	-8
AERFCM3726	—	-10
AERFCM3727	—	-12





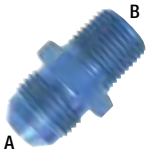
Steel Flare to Braze

Part No.	"A" Dash Size	"B" Tube Size	"C" Counterbore Size
AERFCM2871	-4	1/4"	.16"
AERFCM2872	-6	3/8"	.16"
—	-6	1/2"	.16"
AERFCM2874	-8	1/2"	.16"
AERFCM2875	-10	5/8"	.16"
AERFCM2876	-10	3/4"	.25"
AERFCM2877	-12	3/4"	.25"
AERFCM2879	-16	1"	.25"

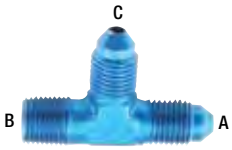


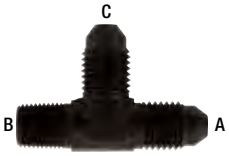
AN Flare to Pipe Adapters

Blue Anodized Aluminum	Black Anodized Aluminum	Steel	"A" Dash Size	"B" Pipe Size
Aluminum or Steel				
Male Connector				
AERFCM2000	AERFCM5000	AERFCM2511	-3	1/8"
AERFCM2001	AERFCM5001	AERFCM2512	-4	1/8"
AERFCM2002	AERFCM5002	AERFCM2515	-4	1/4"
—	—	AERFCM2519	-4	3/8"
—	—	AERFCM2524	-4	1/2"
AERFCM2003	AERFCM5003	AERFCM2514	-6	1/8"
AERFCM2004	AERFCM5004	AERFCM2517	-6	1/4"
AERFCM2005	AERFCM5005	AERFCM2521	-6	3/8"
AERFCM2013	AERFCM5013	AERFCM2525	-6	1/2"
—	—	AERFCM2529	-6	3/4"
AERFCM2006	AERFCM5006	AERFCM2518	-8	1/4"
AERFCM2007	AERFCM5007	AERFCM2522	-8	3/8"
AERFCM2008	AERFCM5008	AERFCM2526	-8	1/2"
—	—	AERFCM2530	-8	3/4"
AERFCM2185	AERFCM5185	AERFCM2523	-10	3/8"
AERFCM2009	AERFCM5009	AERFCM2527	-10	1/2"
—	—	AERFCM2531	-10	3/4"
AERFCM2010	AERFCM5010	AERFCM2528	-12	1/2"
AERFCM2011	AERFCM5011	AERFCM2532	-12	3/4"
AERFCM2014	AERFCM5014	—	-12	1"
AERFCM2015	AERFCM5015	AERFCM2533	-16	3/4"
AERFCM2012	AERFCM5012	AERFCM2535	-16	1"
—	—	AERFCM2541	-20	1-1/4"
Aluminum or Steel				
45˚ Male Elbow				
AERFCM2020	AERFCM5020	—	-3	1/8"
AERFCM2021	AERFCM5021	AERFCM2582	-4	1/8"
—	—	AERFCM2584	-4	1/4"
AERFCM2022	AERFCM5022	AERFCM2586	-6	1/4"
—	—	AERFCM2589	-6	3/8"
—	—	AERFCM2587	-8	1/4"
AERFCM2023	AERFCM5023	AERFCM2590	-8	3/8"
—	—	AERFCM2593	-8	1/2"
—	—	AERFCM2591	-10	3/8"
AERFCM2024	AERFCM5024	AERFCM2594	-10	1/2"
—	—	AERFCM2595	-12	1/2"
AERFCM2025	AERFCM5025	—	-12	3/4"
AERFCM2026	—	—	-16	1"
Aluminum or Steel				
90˚ Male Elbow				
AERFCM2030	AERFCM5030	AERFCM2610	-3	1/8"
AERFCM2031	AERFCM5031	AERFCM2611	-4	1/8"
AERFCM2032	AERFCM5032	AERFCM2614	-4	1/4"
—	—	AERFCM2618	-4	3/8"
AERFCM2033	AERFCM5033	AERFCM2613	-6	1/8"
AERFCM2034	AERFCM5034	AERFCM2616	-6	1/4"
AERFCM2035	AERFCM5035	AERFCM2620	-6	3/8"
—	—	AERFCM2625	-6	1/2"
AERFCM2036	AERFCM5036	AERFCM2617	-8	1/4"
AERFCM2037	AERFCM5037	AERFCM2621	-8	3/8"
AERFCM2038	AERFCM5038	AERFCM2626	-8	1/2"
—	—	AERFCM2629	-8	3/4"
AERFCM2016	AERFCM5016	AERFCM2622	-10	3/8"
AERFCM2039	AERFCM5039	AERFCM2627	-10	1/2"
—	—	AERFCM2630	-10	3/4"
—	—	AERFCM2623	-12	3/8"
AERFCM2017	AERFCM5017	AERFCM2628	-12	1/2"
AERFCM2040	AERFCM5040	—	-12	3/4"
AERFCM2018	—	—	-16	3/4"
AERFCM2041	—	—	-16	1"



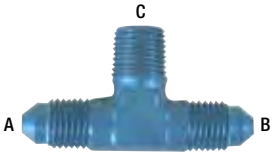
Aluminum or Steel Male Run Tee

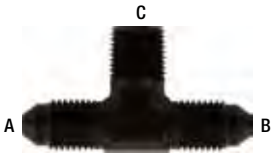




Blue Anodized Aluminum	Black Anodized Aluminum	Steel	"A" Dash Size	"B" Pipe Size	"C" Dash Size
AERFCM2714	AERFCM5714	AERFCM2700	-3	1/8"	-3
AERFCM2124	AERFCM5124	AERFCM2701	-4	1/8"	-4
—	—	AERFCM2703	-4	1/4"	-4
AERFCM2125	AERFCM5125	—	-6	1/4"	-6
—	—	AERFCM2705	-6	3/8"	-6
AERFCM2126	—	—	-8	3/8"	-8
—	—	AERFCM2708	-10	1/2"	-10

Aluminum Male Branch Tee

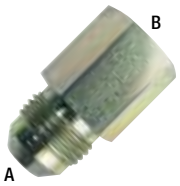




Blue Anodized Aluminum	Black Anodized Aluminum	"A" Dash Size	"B" Dash Size	"C" Pipe Size
AERFCM2187	AERFCM5187	-3	-3	1/8"
AERFCM2121	AERFCM5121	-4	-4	1/8"
AERFCM2122	—	-6	-6	1/4"
AERFCM2123	AERFCM5123	-8	-8	3/8"

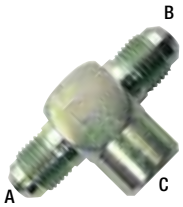
Steel Female Pipe to Male AN

Part No.	"A" Dash Size	"B" Pipe Size
AERFCM2719	-3	1/8"
AERFCM2720	-3	1/4"
AERFCM2721	-4	1/8"
AERFCM2723	-4	1/4"
AERFCM2725	-6	1/4"
AERFCM2727	-6	3/8"
AERFCM2726	-8	1/4"
AERFCM2728	-8	3/8"
AERFCM2730	-8	1/2"
AERFCM2731	-10	1/2"
AERFCM2734	-10	3/4"
AERFCM2732	-12	1/2"



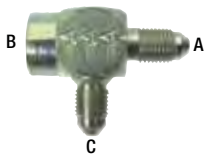
Steel Female Pipe Flare Tee

Part No.	"A" Dash Size	"B" Dash Size	"C" Pipe Size
AERFCM2881	-3	-3	1/8"
AERFCM2882	-4	-4	1/8"
AERFCM2883	-4	-4	1/4"
AERFCM2884	-6	-6	1/4"



Steel Female Pipe Flare Tee

Part No.	"A" Dash Size	"B" Pipe Size	"C" Dash Size
AERFCM2817	-3	1/8"	-3
AERFCM2818	-4	1/8"	-4

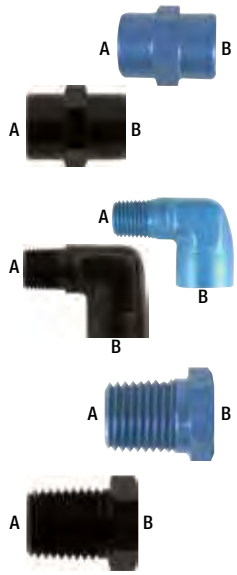


Steel Bulkhead Connectors

Part No.	"A" Dash Size	"B" Pipe Size
AERFCM2821 (Female)	-4	1/8"

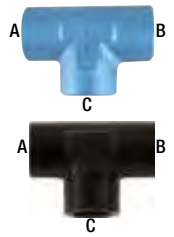
Pipe Adapters

Blue Anodized Aluminum	Black Anodized Aluminum	"A" Pipe Size	"B" Pipe Size
Aluminum			
Pipe Coupling			
AERFCM2129	AERFCM5129	1/8"	1/8"
AERFCM2130	AERFCM5130	1/4"	1/4"
AERFCM2131	AERFCM5131	3/8"	3/8"
Aluminum			
Female to Male Pipe 90° Elbow			
AERFCM2147	AERFCM5147	1/8"	1/8"
AERFCM2148	AERFCM5148	1/4"	1/4"
AERFCM2149	AERFCM5149	3/8"	3/8"
Aluminum			
Pipe Bushing			
AERFCM2136	AERFCM5136	1/4"	1/8"
AERFCM2137	AERFCM5137	3/8"	1/4"
AERFCM2138	AERFCM5138	3/8"	1/8"
AERFCM2139	AERFCM5139	1/2"	3/8"
AERFCM2140	AERFCM5140	1/2"	1/4"
AERFCM2141	AERFCM5141	1/2"	1/8"
AERFCM2142	AERFCM5142	3/4"	1/2"
AERFCM2143	—	3/4"	3/8"
AERFCM2144	—	3/4"	1/4"
AERFCM2145	—	1"	3/4"
AERFCM2146	—	1"	1/2"



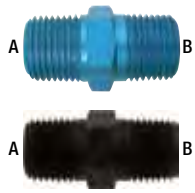
Aluminum Female Pipe Tee

Blue Anodized Aluminum	Black Anodized Aluminum	"A" Pipe Size	"B" Pipe Size	"C" Pipe Size
AERFCM2150	AERFCM5150	1/8"	1/8"	1/8"
AERFCM2151	AERFCM5151	1/4"	1/4"	1/4"
AERFCM2152	AERFCM5152	3/8"	3/8"	3/8"



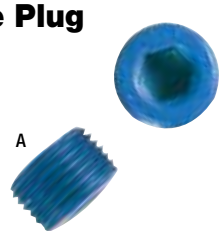
Aluminum Male Pipe Nipple

Blue Anodized Aluminum	Black Anodized Aluminum	"A" Pipe Size	"B" Pipe Size
AERFCM2132	AERFCM5132	1/8"	1/8"
AERFCM2133	AERFCM5133	1/4"	1/4"
AERFCM2134	AERFCM5134	3/8"	3/8"
AERFCM2135	AERFCM5135	1/2"	1/2"



Aluminum Allen Head Pipe Plug

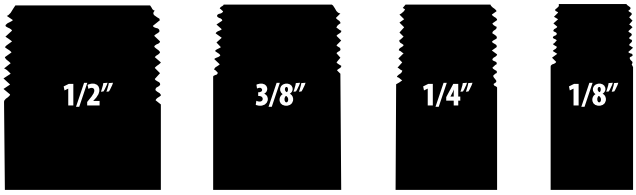
Blue Anodized Aluminum	"A" Pipe Size	No. Per Pkg.
AERFCM3684	1/16"	2
AERFCM3685	1/8"	2
AERFCM3686	1/4"	2
AERFCM3687	3/8"	2
AERFCM3749	1/2"	1
AERFCM3750	3/4"	1



TECH TIP

Actual Thread Sizes

PIPE THREAD



AQP Power Steering Hose

AQP power steering hose is for high-pressure power steering, hydraulic, air, fuel, and oil applications. Offered in blue or black, abrasion-resistant fabric cover surrounds a patented AQP synthetic rubber tube. For use with standard reusable fittings. Sold in pre-cut lengths of 3, 6, 10, 15, and 20 feet.

Hose Dash Size	3'	6'	10'	15'	20'
Blue Hose					
-06	—	AERFCG0606	AERFCG0610	AERFCG0615	AERFCG0620
-10	—	AERFCG1006	AERFCG1010	—	—
Black Hose					
-06	AER1503-6-3	AER1503-6-6	AER1503-6-10	AER1503-6-15	AER1503-6-20

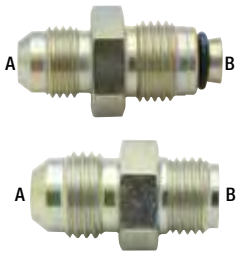
Fittings for Power Steering Hose

Part No.	Hose and Fitting Dash Size
SAE 37° (JIC/AN) Swivel	
Straight	
AERFBM1302	-06
AERFBM1305	-08
AERFBM1307	-10
45°	
AERFBM1386	-06
AERFBM1338	-10
90°	
AERFBM1389	-06
AERFBM1387	-08
AERFBM1374	-10
SAE Male Inverted Flare	
45° Elbow	
AERFBM1382	-06
90° Elbow	
AERFBM1392	-06

High-Pressure Steel Adapters

Part	"A" Dash" Size	"B" Dash" Size
Metric Conversion		
AERFCM2608*	-6	M16 x 1.5
AERFCM2609*	-6	M18 x 1.5
Inverted Flare		
AERFCM2963	-6	1/2"-20
AERFCM2964	-6	5/8"-18
AERFCM2965	-6	11/16"-18

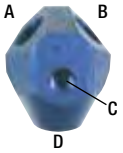
**** Special AN-to-metric adapter used for Saginaw power steering units.***



Jared Horstman — Photo by: JohnnyB Imagery

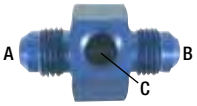
Aluminum Fuel Block

Part No.	"A" Pipe Size	"B" Pipe Size	"C" Pipe Size	"D" Pipe Size
AERFCM2178	1/4"	1/4"	1/8"	3/8"
AERFCM2179	3/8"	3/8"	1/8"	1/2"



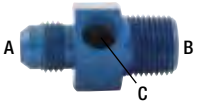
Aluminum In-Line AN Pressure Gauge Adapters

Part No.	"A" Dash Size	"B" Dash Size	"C" Pipe Size
Blue			
AERFCM2183	-6	-6	1/8"
AERFCM2184	-8	-8	1/8"
Black			
AERFCM5183	-6	-6	1/8"
AERFCM5184	-8	-8	1/8"



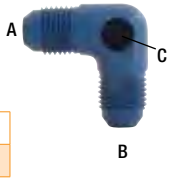
Aluminum In-Line AN-to-Pipe Pressure Gauge Adapters

Part No.	"A" Dash Size	"B" Pipe Size	"C" Pipe Size
AERFCM2276	-6	1/4"	1/8"
AERFCM2277	-6	3/8"	1/8"
AERFCM2279	-8	3/8"	1/8"



Aluminum 90° AN-to-AN Pressure Gauge Adapters

Part No.	"A" Dash Size	"B" Dash Size	"C" Pipe Size
AERFCM2272	-6	-6	1/8"
AERFCM2273	-8	-8	1/8"



Brake Fittings

Part No.	Hose and Fitting Dash Size
Steel	
Straight - S.A.E. 37° (JIC/AN) Swivel	
AERFCM1100	-3
AERFCM1101	-4

AERFCM1100

45° Tube Elbow - -37° (JIC/AN)	
AERFCM1110	-3
AERFCM1111	-4

AERFCM1110

90° Tube Elbow 37° (JIC/AN)	
AERFCM1120	-3
AERFCM1121	-4

AERFCM1120

Part No.	Hose and Fitting Dash Size
Stainless Steel	
Straight - Crimp 37° (JIC/AN)	
AERFCM1130	-3
AERFCM1102	-4

AERFCM1130

90° Forged Elbow S.A.E. 37° (JIC/AN) Swivel	
AERFCM1150	-3
AERFCM1151	-4
AERFCM1120	-3
AERFCM1121	-4

AERFCM1150

Photo by: Mike Reusche

PTFE Racing Hose Brake Hoses

Aeroquip PTFE Racing Hose for hydraulic brake applications has a bright stainless steel wire braid cover that resists abrasion and corrosion and an extruded PTFE inner liner that's compatible with all brake fluids. PTFE hose is recommended for use only on off-highway brake systems. Temperature range of -100°F to +450°F.

Size	I.D.	O.D.	3-Ft. Length	6-Ft. Length	10-Ft. Length
-3	.13"	.25"	AERFCC0303	AERFCC0306	AERFCC0310
-4	.19"	.30"	AERFCC0403	AERFCC0406	AERFCC0410

Size	I.D.	O.D.	15-Ft. Length	20-Ft. Length
-3	.13"	.25"	AERFCC0315	AERFCC0320
-4	.19"	.30"	AERFCC0415	AERFCC0420

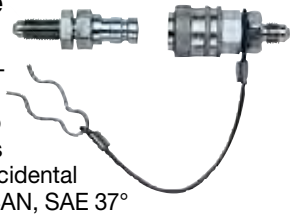
Steel Male Pipe with Brass Nipple

Part No.	Hose and Fitting Dash Size	Pipe Thread Size
AERFCM3088	-4	1/8"

Replacement Sleeve for PTFE Fittings

Brass	Hose and Fitting Dash Size	Qty.
AERFCM3720	-3	5
AERFCM3721	-4	5

Quick Disconnect Brake and Clutch Coupling



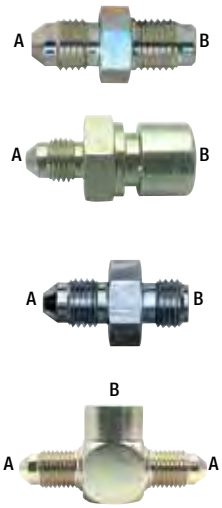
Allows rapid connection/disconnection of brake and clutch lines without fluid loss, air inclusion, or the need to bleed the line. Coupling also includes a safety clip on lanyard to prevent accidental disconnection. Available with -3 or -4AN, SAE 37° (JIC/AN) threads. Male half includes jam nut for bulkhead mounting. Temperature range -40°F to +250°F.

Steel	Hose Fitting Dash Size	Max. Oper. Pressure (PSI)	Air Including C.C. Max	Fluid Loss C.C. Max	Length (In.) Connected
AERFBM1073	-3	3000	.02	.10	4.10"
AERFBM1074	-4	3000	.02	.10	4.25"

Steel Inverted Flare Brake Adapters

Part No.	"A" Hose Fitting Dash Sizes	"B" Brake Thread Size
SAE 37° Male Flare to 30° Inverted Flare (Two Per Package)		
AERFCM2925	-4	7/16"-20
SAE 37° Male Flare to Female Inverted Flare (Two Per Package)		
AERFCM2936	-3	3/8"-24
AERFCM2937	-4	3/8"-24
SAE 37° Male Flare to 42° Inverted Flare (Short Hex, Two Per Package)		
AERFCM2926	-3	3/8"-24
AERFCM2927	-4	3/8"-24
AERFCM2928*	-3	3/8"-24
AERFCM2929	-3	7/16"-24
AERFCM2930	-4	7/16"-24
AERFCM2931	-4	1/2"-20
SAE 37° Male Flare to Female Inverted Flare Tee (One Per Package)		
AERFCM2909	-3	3/8"-24
AERFCM2910	-4	3/8"-24

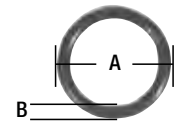
**** Fitting has small hex.***



Metric Brake Adapters

Part No.	"A" Hose Fitting Dash Sizes	"B" Brake Thread Size
SAE 37° Male Flare to Metric Flare (Two Per Package)		
AERFCM2941	-3	10mm X 1"
AERFCM2942	-3	10mm X 1.25"
AERFCM2943	-4	10mm X 1"
AERFCM2944	-4	10mm X 1.25"
SAE 37° Male Flare to Female Metric Flare (Two Per Package)		
AERFCM2945	-3	10mm x 1"
AERFCM2946	-4	10mm x 1"

O-Rings



Nitrile	EPR	Dash Size	"A"	"B"
AERFCM3473*	—	-4	.351"	.072"
AERFCM3474*	AERFCM3464**	-6	.468"	.078"
AERFCM3475*	AERFCM3465**	-8	.644"	.087"
AERFCM3476*	AERFCM3466**	-10	.755"	.097"
AERFCM3477*	AERFCM3467**	-12	.924"	.116"
AERFCM3497*	AERFCM3468**	-16	1.171"	.116"

**** Nitrile O-rings are for use with gasoline (ten per package)***
***** EPR O-rings are for use with alcohol (five per package)***

Aluminum Dust Plugs and Caps

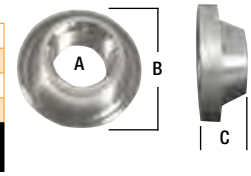
Keeps dirt and contamination out of oil, fuel, and cooling systems when not in use.

Dash Size	Thread	Plug	Cap	No. Per Pkg.
-04	7/16"-20	AERFBM3655	AERFBM3648	20
-06	9/16"-18	AERFBM3656	AERFBM3649	20
-08	3/4"-16	AERFBM3657	AERFBM3650	20
-10	7/8"-14	AERFBM3658	AERFBM3651	12
-12	1-1/16"-12	AERFBM3659	AERFBM3652	10
-16	1-5/16"-12	AERFBM3660	AERFBM3653	10

Aluminum Tank Welding Bungs

Part No.	"A" Dash Size	"B" Dim.	"C" Dim.
AERFCM2403	-06	1.56"	.59"
AERFCM2404	-08	1.75"	.68"
AERFCM2405	-10	1.87"	.75"
AERFCM2406	-12	2.00"	.90"

Note: Use O-ring for sealing. Accepts male AN flare with hex or boss O-ring plug.



Quick Disconnect Radiator/ Cooling Refill Coupling

Coupling assembly quickly and effectively drains cooling systems. Internal components are corrosion-resistant stainless steel and Viton seals prevent the possibility of leakage. Features 1/2" NPT threads on each end. Ideally installed on lower radiator outlet or in-line on lower hose. Requires purchase of one male and one female coupling.

Part No.	Description
AERFBM1153	Male Aluminum Quick-Disconnect Coupling
AERFBM3113	Female Steel Quick-Disconnect Coupling, 1.6 oz.
AERFBM3114	Female Aluminum Quick-Disconnect Coupling, 3.97 oz.

AEROMOTIVE
SERIOUS FUEL SYSTEMS

Universal Bypass Regulator *AFS13301*

May be used with carbureted or EFI fuel systems. Fuel pressure is adjustable from 3-20 PSI with standard spring (installed) or 20-60 PSI with included high-pressure spring. Compatible with pumps up to 250 GPH.

Pro Series In-Line Filters

Bright dip black anodized filters are 7" long x 2-1/2" diameter with -12AN ports. Choose 10-micron fabric or 100-micron stainless elements. 10-micron filter installs on pressure/outlet side of pump. 100-micron unit is used on inlet side of pump.

Part No.	Element	Replacement Element
AFS12302	100-Micron Stainless (Coarse)	AFS12602
AFS12310	10-Micron Fabric (Fine)	AFS12610

SS Series In-Line Filter *AFS12303*

Designed for use on the pressure/outlet side of SS fuel pump (AFS11203), red anodized filter is 3-1/2" long x 1-1/2" diameter with 3/8" NPT ports and a 40-micron (medium) fabric element.

In-Line Filter *AFS12304*

Red anodized in-line filter is 5" long x 2" diameter and installs on the inlet side of the fuel pump. Filter has -10AN ports and includes a 100-micron (coarse) stainless element. Replacement element is AFS12604.

Fuel Pressure Gauges

Compact, easily read gauges are 1-1/2" diameter with stainless steel cases.

Part No.	Description
AFS15632	0-15 PSI
AFS15633	0-100 PSI

Tapered Flare Fittings

High-flow aluminum fittings include O-ring bosses for a smooth transition from the radius to the 37° flare. Black anodized fittings are ideal for use with fuel pumps or regulators. Sold individually.

Part No.	Description
AFS15605	-8AN O-Ring Boss to -6AN Male Flare Adapter
AFS15606	-6AN O-Ring Boss to -6AN Male Flare Adapter
AFS15607	-8AN O-Ring Boss to -8AN Male Flare Adapter
AFS15608	-10AN O-Ring Boss to -10AN Male Flare Adapter
AFS15609	-10AN O-Ring Boss to -6AN Male Flare Reducer
AFS15610	-10AN O-Ring Boss to -8AN Male Flare Reducer
AFS15612	-12AN O-Ring Boss to -12AN Male Flare Adapter
AFS15613	-12AN O-Ring Boss to -10AN Male Flare Reducer
AFS15615	-6AN Male To 3/8"NPT Male Adapter Fitting
AFS15617	-10AN O-Ring Boss Port Plug
AFS15618	-8AN O-Ring Boss Slim Line Port Plug
AFS15626	-6AN Port Plug

One-Way Check Valves

Designed for in-line installation.

Part No.	Description
AFS15106	-6AN Check Valve
AFS15107	-10AN Check Valve

AiM

EVO4S Data Logger *AIMX61E4S4001GS*

The EVO4S utilizes one connector per channel and a completely redesigned internal electronic board that is fully compatible with AiM dash loggers and new Race Studio software. Unit samples data from the ECU via CAN, RS232, or K-line, and from analog/digital inputs, external expansions, and predefined math channels. Sensors may be connected to five configurable analog channels, to the RPM input, and 2-wheel speed inputs. Often expanded for use with the channel expansion unit and the SmartyCam HD camera. Sold complete with the GS Dash for display, GPS08 roof mount module, and 4m cable.

Part No.	Description
Related /Replacement Components	
AIMX08CHANEXP0	EVO4S Channel Expansion
X05TTS01B0	Infrared Tire Temperature Sensor

Sensors and Data Logging Accessories

Sensors allow collecting critical performance data, allowing teams to learn what is occurring on the race car, while aiding tuning and troubleshooting. Sensors feature a straight link, wired by a 4-pin binder with a standard pinout.

AIM3CVGAS807

AIMLTP560140

AIMMS-WATERFITTING-T

Part No.	Description
AIM3CVGAS807	EGT K-Type Thermocouple
AIMLTP560140	Stainless Steel 712 Binder Cap with O-Ring Seal, Untethered
AIMLX-PA-10-AIMSP	String Potentiometer, 10" Stroke, 719 4-Pin
AIMMS-WATERFITTING-T	In-line Water Temperature Coupler Fitting, 5/8" to 3/4", M10 x 1.25
AIMX05PSA0015018	Fuel/Oil Pressure Sensor, 0-150 PSI, 1/8" NPT
AIMX05NPTA4513BPRS	Infrared Optical Lap Receiver with Metallic Connector and 140 cm Cable
AIMX05PSA02000P18	Brake Pressure Sensor, 0-2,000 PSI
AIMX05SOT14A4517BML	Cylinder Head Temperature Sensor, 14mm

Solo 2 and Solo 2 DL GPS Lap Timers

The most effective method to acquire accurate lap times, the Solo 2 utilizes advanced GPS data to deliver unparalleled speed and accuracy. Relying upon a database of over 2,000 race tracks, lap timer identifies its position, recognizes the starting line coordinates of the track, and immediately begins sampling lap times. Unit can provide precise and powerful data that may be reviewed on the built-in screen immediately after each session, or through Wi-Fi utilizing a PC. Available Solo 2 DL additionally allows connecting to the vehicle's ECU to collect even more data with just a single added cable.

Part No.	Description
AIMX47SOLO2001U0**	Solo 2 with Battery Charger and 120 Volt Adapter
AIMX47SOLO2002U0	Solo 2 with 12-Volt Direct Power
AIMX47SOLO2DL01U0**	Solo 2 DL with CAN/K-Line/Ext. Power Cable with OBDII Connector, Battery Charger and 120 Volt Adapter
AIMX47SOLO2DL02U0**	Solo 2 DL with RS-232/CAN/Ext. Power Cable, Battery Charger and 120 Volt Adapter
AIMX47SOLO2DL03U0**	Solo 2 DL with RPM/Ext. Power Cable, Battery Charger and 120 Volt Adapter
Replacement Components/Accessories	
AIMDNKTKPFSOL5*	Universal Mounting Bracket
AIMX46KSV00	Suction Cup Mounting Kit
AIMX47KPFSOLO2R0	Mounting Bracket

**** For Solo/Solo DL only; not for Solo 2/Solo 2 DL.***
***** For standard North American Outlets***

MultiChron Stopwatch

AIMX02CHRN05

MultiChron stopwatch/timer allows tracking up to four competitors simultaneously, displaying the best laps, and up to 99 laps per driver on a bright, backlit display. Unit also offers split timing with up to nine splits per driver.

MyChron5S/MyChron 5S 2T Dash Logger

Engineered for use on karts, the MyChron 5S combines the sampling of kart data with new GPS capabilities that record precise, reliable data including lap and split times, speed, RPM, single temperature, track position, acceleration, and more. Unit includes the ability to offer basic information to newcomers or the most advanced data to professionals. Large 268mm x 128mm pixel graphical display with 8 backlighting colors eases readability. Data may be downloaded wirelessly utilizing a Wi-Fi connection without the need for a data key or PC connection if desired. Available MyChron5S 2T additionally includes the ability to sample a second temperature of choice. Sold complete with battery charger, RPM cable, and temperature sensor(s).

AIMXD2M5S2TEGTRM1011U

AIMXD1M5STRM10U

Part No.	Description
AIMXD1M5SCHT140U	MyChron 5S with Cyl. Head Temp. Sensor
AIMXD1M5STRM10U	MyChron 5S with M10 Water Temp. Sensor
AIMXD2M5S2TEGTRM1011U	MyChron 5S 2T with (2) M10 Temp. Sensors
Replacement/Accessory Components	
AIM2BT18650TDM	Battery
AIMX06A12VBMU	12-Volt Battery Charger
AIMX80MYC5TPB	Battery Cover/Block-Off Plate Kit
AIMX08MYCEXP00	Expansion Channel Multiplier, MyChron4/MyChron5S
AIMLML552210	Clip for RPM Pickup
AIMV02557020	External Power Cable
AIMV02557070	MyChron 5S 2T Patch Cable, (2) Thermocouple
AIMV02557110	MyChron 5S 2T Patch Cable, (1) Thermocouple, (1) Thermal Resistor
AIMX05SNRPMY0	RPM Cable
AIMX05SOT14A4517BML	Cylinder Head Temperature Sensor, 14mm
AIMX41RX12090	Optical Lap Receiver

Cory Eliason

Photo by: Mike Reusche

Driver X Series

The choice of championship drivers, the Driver X is constructed from fire-resistant, breathable Carbon X. Goatskin leather palms add longevity without loss of feel, while the elastic wrist design adds security. Meets SFI 3.3/1 specifications. Black only.

Size	Part No.
Black	
Medium	ASCAGD1-01-M
Large	ASCAGD1-01-L
X-Large	ASCAGD1-01-XL
XX-Large	ASCAGD1-01-XXL

Heat Sleeves *ASCAGHS-PR*

These 18" long, 100% modacrylic, double-layer heat sleeves are able to withstand up to 600°F and are manufactured with thumb holes for a more secure fit.

Vibe Impact

Made with thermoplastic rubber metacarpal bumpers for maximum dexterity. Synthetic leather-reinforced padded palm reduces vibration and softens blows to the palm. Special fingertips allow operation of touch-screen computers and smart devices without taking gloves off.

Size	Part No.
Black	
Large	ASCAG03-01-L
X-Large	ASCAG03-01-XL
Stealth	
X-Large	ASCAG03-07-XL

Standard Mechanic

Streamlined glove with specialized fingertips allows the user to operate touch-screen devices like smart phones and diagnostic tools. Manufactured with cut- and puncture-resistant materials, gloves have synthetic leather split palm and breathable mesh top.

Size	Part No.
Black	
Medium	ASCAG02-01-M
XX-Large	ASCAG02-01-XXL

Anthony Macri — Photo by: Mike Reusche

Tyler Courtney — Photo by: Mike Reusche

GP Race V2 Boot Cut Suit NEW!

Lightweight, three-layer suit includes an improved design for optimal protection and driver comfort. Full floating arms, pre-curved arms and legs, along with stretch panels on the knees, crotch, elbows, waist, and spine offer superior flexability and comfort. Meets SFI 3.4 standards. One-piece suit is offered in black/white/ fluorescent orange, black/white/red, or black/fluorescent yellow.

Size	Part No.
Black/White/Fluorescent Orange	
Medium	ALP3355121-1241-52
Medium/Large	ALP3355121-1241-54
Large	ALP3355121-1241-56
Large/X-Large	ALP3355121-1241-58
X-Large	ALP3355121-1241-60
X-Large/XX-Large	ALP3355121-1241-62
XX-Large	ALP3355121-1241-64
Black/White/Red	
Medium	ALP3355121-123-52
Medium/Large	ALP3355121-123-54
Large	ALP3355121-123-56
Large/X-Large	ALP3355121-123-58
X-Large	ALP3355121-123-60
X-Large/XX-Large	ALP3355121-123-62
XX-Large	ALP3355121-123-64
Black/Fluorescent Yellow	
Medium	ALP3355121-155-52
Medium/Large	ALP3355121-155-54
Large	ALP3355121-155-56
Large/X-Large	ALP3355121-155-58
X-Large	ALP3355121-155-60
X-Large/XX-Large	ALP3355121-155-62
XX-Large	ALP3355121-155-64

GP Pro Comp V2 Suit NEW!

Double-layer driving suit is constructed using a plain outer shell and soft, aramidic-base knit lining with an open-weave design. One-piece, boot-cut suit includes knitted, stretchable open mesh panels on the lower back, crotch, and armholes for added flexibility and air flow. Meets SFI 3.2A/5 specifications. Offered in black/white or black/blue/red.

Size	Part No.
Black/White	
X-Small	ALP3352122-1128-46
Small	ALP3352122-1128-48
Small/Medium	ALP3352122-1128-50
Medium	ALP3352122-1128-52
Medium/Large	ALP3352122-1128-54
Large	ALP3352122-1128-56
Large/X-Large	ALP3352122-1128-58
X-Large	ALP3352122-1128-60
X-Large/XX-Large	ALP3352122-1128-62
XX-Large	ALP3352122-1128-64
XX-Large/XXX-Large	ALP3352122-1128-66
Black/Blue/Red	
X-Small	ALP3352122-7130-46
Small	ALP3352122-7130-48
Small/Medium	ALP3352122-7130-50
Medium	ALP3352122-7130-52
Medium/Large	ALP3352122-7130-54
Large	ALP3352122-7130-56
Large/X-Large	ALP3352122-7130-58
X-Large	ALP3352122-7130-60
X-Large/XX-Large	ALP3352122-7130-62
XX-Large	ALP3352122-7130-64
XX-Large/XXX-Large	ALP3352122-7130-66

Knoxville V2 Suit NEW!

New and improved, three-layer suit combines a fire-resistant cotton twill and Feltro padding for unsurpassed driver protection. Stretch panels on the waist, underarms, and crotch provide exceptional freedom of movement. Suit meets SFI 3.2A/5 specifications. One-piece suit is offered in black/white, anthracite/red, or mid-gray/black.

Size	Part No.
Black/White	
XX-Small	ALP3355921-12-44
X-Small	ALP3355921-12-46
Small	ALP3355921-12-48
Medium	ALP3355921-12-52
Medium/Large	ALP3355921-12-54
Large	ALP3355921-12-56
Large/X-Large	ALP3355921-12-58
X-Large	ALP3355921-12-60
X-Large/XX-Large	ALP3355921-12-62
XX-Large	ALP3355921-12-64
XX-Large/XXX-Large	ALP3355921-12-66
Anthracite/Red	
XX-Small	ALP3355921-143-44
Medium/Large	ALP3355921-143-54
Large	ALP3355921-143-56
Large/X-Large	ALP3355921-143-58
X-Large/XX-Large	ALP3355921-143-62
XX-Large/XXX-Large	ALP3355921-143-66
Mid-Gray/Black	
XX-Small	ALP3355921-971-44
Medium	ALP3355921-971-52
Medium/Large	ALP3355921-971-54
Large	ALP3355921-971-56
X-Large	ALP3355921-971-60

Kyle Larson Photo by: Mike Reusche

Atom Suit NEW!

Double-layer, one-piece driving suit features a soft knitted aramid liner and twill outer shell, resulting in superior comfort and breathability. Boot-cut design suit includes fully floating arms, pre-curved arms and legs, and stretch panels for exceptional freedom of movement. Meets SFI 3.2A/5 specifications. Offered in black, black/silver, or silver/anthracite/fluorescent yellow.

Size	Part No.
Black	
X-Small	ALP3352822-10-44
X-Small/Small	ALP3352822-10-46
Small	ALP3352822-10-48
Small/Medium	ALP3352822-10-50
Medium	ALP3352822-10-52
Medium/Large	ALP3352822-10-54
Large	ALP3352822-10-56
Large/X-Large	ALP3352822-10-58
X-Large	ALP3352822-10-60
X-Large/XX-Large	ALP3352822-10-62
XX-Large	ALP3352822-10-64
XX-Large/XXX-Large	ALP3352822-10-66
Black/Silver	
X-Small	ALP3352822-119-44
X-Small/Small	ALP3352822-119-46
Small	ALP3352822-119-48
Small/Medium	ALP3352822-119-50
Medium	ALP3352822-119-52
Medium/Large	ALP3352822-119-54
Large	ALP3352822-119-56
Large/X-Large	ALP3352822-119-58
X-Large	ALP3352822-119-60
X-Large/XX-Large	ALP3352822-119-62
XX-Large	ALP3352822-119-64
XX-Large/XXX-Large	ALP3352822-119-66
Silver/Anthracite/Fluorescent Yellow	
X-Small	ALP3352822-1950-44
X-Small/Small	ALP3352822-1950-46
Small	ALP3352822-1950-48
Small/Medium	ALP3352822-1950-50
Medium	ALP3352822-1950-52
Medium/Large	ALP3352822-1950-54
Large	ALP3352822-1950-56
Large/X-Large	ALP3352822-1950-58
X-Large	ALP3352822-1950-60
X-Large/XX-Large	ALP3352822-1950-62
XX-Large	ALP3352822-1950-64
XX-Large/XXX-Large	ALP3352822-1950-66

Tech 1-T V3 Shoe NEW!

Full-leather construction shoe has been improved for optimal comfort, fit, and feel. Water repellent and oil resistant, all-new rubber soles offer superior grip and exceptional pedal feel. Meets SFI 3.3/5 specifications. Offered in black/silver, white/black/red, black/fluorescent yellow, or white/black.

Size	Part No.
Black/Silver	
7	ALP2710122-119-7
8	ALP2710122-119-8
8-1/2	ALP2710122-119-8.5
9	ALP2710122-119-9
9-1/2	ALP2710122-119-9.5
10	ALP2710122-119-10
11	ALP2710122-119-11
12	ALP2710122-119-12
13	ALP2710122-119-13
Black/Fluorescent Yellow	
7	ALP2710122-1055-7
8	ALP2710122-1055-8
9	ALP2710122-1055-9
10	ALP2710122-1055-10
10-1/2	ALP2710122-1055-105
11	ALP2710122-1055-11
12	ALP2710122-1055-12
13	ALP2710122-1055-13
White/Black/Red	
7	ALP2710122-213-7
8	ALP2710122-213-8
8-1/2	ALP2710122-213-8.5
9	ALP2710122-213-9
9-1/2	ALP2710122-213-9.5
10	ALP2710122-213-10
11	ALP2710122-213-11
12	ALP2710122-213-12
White/Black	
7	ALP2710122-21-7
8	ALP2710122-21-8
9	ALP2710122-21-9
10	ALP2710122-21-10
10-1/2	ALP2710122-21-105
11	ALP2710122-21-11
12	ALP2710122-21-12
13	ALP2710122-21-13

SP V2 Shoe NEW!

New, improved, and anatomically profiled, the SP V2 shoe features an asymmetric lacing system for improved support and laser perforations for breathability. Meets SFI 3.3/5 specifications. Offered in black or dark gray.

Size	Part No.
Black	
5	ALP2710621-10-5
7	ALP2710621-10-7
7-1/2	ALP2710621-10-7.5
8	ALP2710621-10-8
8-1/2	ALP2710621-10-8.5
9	ALP2710621-10-9
9-1/2	ALP2710621-10-9.5
10	ALP2710621-10-10
10-1/2	ALP2710621-10-10.5
11	ALP2710621-10-11
12	ALP2710621-10-12
13	ALP2710621-10-13
Dark Gray	
5	ALP2710621-11-5
7	ALP2710621-11-7
7-1/2	ALP2710621-11-7.5
8	ALP2710621-11-8
8-1/2	ALP2710621-11-8.5
9	ALP2710621-11-9
9-1/2	ALP2710621-11-9.5
10	ALP2710621-11-10
10-1/2	ALP2710621-11-10.5
11	ALP2710621-11-11
12	ALP2710621-11-12
13	ALP2710621-11-13

Connor Morrell Photo by: Mike Reusche

SP+ Shoe NEW!

The SP+ features a smooth leather outer for exceptional durability and style, while the inner liner provides comfort and safety. Shoes meet stringent SFI specifications. Offered in black/white or black/fluorescent yellow.

Size	Part No.
Black/White	
8	ALP2710823-12-8
8-1/2	ALP2710823-12-8.5
9	ALP2710823-12-9
9-1/2	ALP2710823-12-9.5
10	ALP2710823-12-10
10-1/2	ALP2710823-12-10.5
11	ALP2710823-12-11
12	ALP2710823-12-12
13	ALP2710823-12-13
Black/Fluorescent Yellow	
8	ALP2710823-155-8
8-1/2	ALP2710823-155-8.5
9	ALP2710823-155-9
9-1/2	ALP2710823-155-9.5
10	ALP2710823-155-10
10-1/2	ALP2710823-155-10.5
11	ALP2710823-155-11
12	ALP2710823-155-12
13	ALP2710823-155-13

Meta Road Shoe

Comfortable yet rugged shoe is well suited to mechanics and crew personnel that desire an easy slip-on design, while the large toebox allows the toes to spread out for easy kneeling. Oil-resistant soles grip better on dirty surfaces and a removable inner sock improves breathability. Lightweight construction with 360° tongue helps provide a “glove-like” fit. Black only.

Size	Part No.
8.5	ALP2654520L-111-8.5
9.5	ALP2654520L-111-9.5
10	ALP2654520L-111-10
10.5	ALP2654520L-111-10.5
11	ALP2654520L-111-11
11.5	ALP2654520L-111-11.5
13	ALP2654520L-111-13

ZX EVO Tech Layers

Constructed with Lenzing FR, an innovative material that features superior flame resistance and protection against heat transfer. Formula 1 specification undergarments are lightweight and comfortable. ZX EVO v3 undergarments meet new FIA 8856-2018 standards. Choose from black, grey, or white.

Size	Long Sleeve/Black	Long Sleeve/Gray
Tops		
Medium/Large	ALP4755220-106A-M/L	ALP4755220-201B-M/L
X-Large/XX-Large	ALP4755220-106A-X/2X	ALP4755220-201B-X/2X
Bottoms		
Medium/Large	ALP4755720-106A-M/L	ALP4755720-201B-M/L

Balaclava

One size fits all.

Color	Part No.
Black	ALP4754920-106A-O/S
White	ALP4754920-201B-O/S

Race Socks

Lightweight and comfortable, fire-resistant socks meet FIA 8856-2018 standards. Choose from Race V4, ZX V3, or ZX V4 in black or white.

Size	Black	White
ZX V4 **NEW!**		
Small	ALP4704323-10-S	ALP4704323-20-S
Medium	ALP4704323-10-M	ALP4704323-20-M
Large	ALP4704323-10-L	ALP4704323-20-L
X-Large	ALP4704323-10-XL	ALP4704323-20-XL
ZX V3		
Small	—	ALP4704321-20-S
Medium	—	ALP4704321-20-M
Large	—	ALP4704321-20-L
X-Large	—	ALP4704321-20-XL
Race V4 **NEW!**		
Small	ALP4704021-10-S	ALP4704021-20-S
Medium	ALP4704021-10-M	ALP4704021-20-M
Large	ALP4704021-10-L	ALP4704021-20-L
X-Large	ALP4704021-10-XL	ALP4704021-20-XL

Youth Neck Support

ALP6540118-155-O/S

Lightweight support provides an alternative load path for excess energy that compresses the neck of youth during oval track or kart racing, increasing safety and reducing the risk of injury. Ergonomically designed support features a rigid polymer frame with soft injected EVA to deliver a perfect fit. Fits 8-14 yr. olds.

Sequence Youth Neck Roll

ALP6741018-13-S/M

Developed for young 6-10 yr. old oval track and kart racers. Sequence neck roll is ergonomically profiled to deliver superior neck support. Neck roll features a soft PU foam base and hard EVA layer to deliver exceptional energy dissipation.

Imperial Turbo Motor Oil

Multi-viscosity Imperial Turbo motor oils offer unsurpassed engine protection, regardless of operating temperature or conditions. Well suited to domestic or imported vehicles that may be turbocharged or supercharged, oils meet or exceed manufacturer's warranty requirements and stringent API SN/CF-ILSAC GL-5 industry standards. Formulated to protect modern, close-tolerance and older, high-mileage engines. Sold in quart bottles, or in cases of 12 quarts.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
5W-20 Motor Oil	AMA71046-56	AMA160-71046-56
5W-30 Motor Oil	AMA71066-56	AMA160-71066-56
10W-30 Motor Oil	AMA71076-56	AMA160-71076-56
10W-40 Motor Oil	AMA71086-56	AMA160-71086-56
20W-50 Motor Oil	AMA71096-56	AMA160-71096-56

XLO Heavy-Duty Motor Oil **NEW!**

Lubricants are engineered for modern, heavy-duty engines, protecting against wear while improving performance and fuel economy. Equipped to protect EGR/Low-Emission diesel engines and maximize the durability of Diesel Particulate Filters. Meets new API CJ-4/SN Service Classification and prior API specifications. Choose from full synthetic, synthetic blend, or heavy-duty fleet formulas.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
15W-40 Heavy-Duty Fleet	AMA71706-56	AMA160-71706-56
30W Heavy-Duty Fleet	AMA61736-56	AMA160-61736-56
40W Heavy-Duty Fleet	AMA61746-56	AMA160-61746-56

Description	1-gallon Jug	Case of (4) 1-gallon Jugs
5W-40 Full Synthetic	AMA60197-36	AMA160-60197-36
10W-30 Synthetic Blend	AMA79177-36	AMA160-79177-36
15W-40 Synthetic Blend	AMA79107-36	AMA160-79107-36
15W-40 Heavy-Duty Fleet	AMA71707-36	AMA160-71707-36

AMALIE MOTOR OIL

Pro High-Performance Synthetic Blend Motor Oil

High-performance lubricant includes a blend of high-quality synthetics and mineral base stocks for outstanding engine protection, even under high-stress racing conditions. Sold in quart bottles, or in cases of 12 quarts.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
5W-20 Motor Oil	AMA75646-56	AMA160-75646-56
5W-30 Motor Oil	AMA75666-56	AMA160-75666-56
5W-40 Motor Oil	—	AMA160-65696-56
5W-50 Motor Oil	AMA75616-56	—
10W-30 Motor Oil	AMA75676-56	AMA160-75676-56
10W-40 Motor Oil	AMA75686-56	AMA160-75686-56
15W-50 Motor Oil	AMA75636-56	AMA160-75636-56
20W-50 Motor Oil	AMA75696-56	AMA160-75696-56
50W Motor Oil	AMA65656-56	AMA160-65656-56

Elixir Full Synthetic Motor Oil

Formulated with 100% base stocks and a package of state-of-the-art additives. Versatile formula is well suited for street or competition racing applications. Sold in quart bottles, or in cases of 12 quarts.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
0W-20 Motor Oil	AMA65756-56	AMA160-65756-56
0W-40 Motor Oil	—	AMA160-65776-56
5W-20 Motor Oil	AMA75746-56	AMA160-75746-56
5W-30 Motor Oil	AMA75766-56	AMA160-75766-56
5W-40 Motor Oil	AMA65796-56	AMA160-65796-56
5W-50 Motor Oil	AMA75716-56	AMA160-75716-56
15W-50 Motor Oil	AMA75736-56	AMA160-75736-56
0W-40 Motor Oil	AMA65777-36	—
5W-40 Motor Oil	AMA65797-36	—

Description	1-gallon Jug	Case of (4) 1-gallon Jugs
0W-40 Motor Oil	AMA65777-36	AMA160-65777-36
5W-40 Motor Oil	AMA65797-36	—

Non-Detergent Motor Oils NEW!

Straight weight, mineral-based oils are manufactured from high-quality mineral base stocks and may be used when an API SA/SB mono-grade oil is recommended.

Description	1-qt. Bottle
30W	AMA60536-56
40W	AMA60546-56

Heavy-Duty 30W Mono-Grade Engine Oil

AMA61036-56 NEW!

Engineered for use in engines where API SP, SN Plus, SN, SM, or SL engine oils are recommended, lubricants include high-viscosity index base oils and the latest additive technology. Formulated to provide protection for gas-direct (GDI) and turbo gas-direct (TGDI) engines, along with traditional carbureted or fuel injected engines. Sold in quart bottle.

DX III-H/M Automatic Transmission Fluid

Recommended for a wide range of transmissions specifying Dexron III/Mercon ATF. May also be used in power steering units and other hydraulic systems that specify Dexron III/Mercon type transmission fluids. Sold in quart bottles, or in cases of 12 quarts.

1-qt. Bottle	Case of (12) 1-qt. Bottles
AMA72836-56	AMA160-72836-56

Universal Synthetic Automatic Transmission Fluid

A fully synthetic, premium automatic transmission fluid designed for a wide variety of vehicles and applications. Fluid combines a special blend of synthetic base oils, a multi-functional additive system, and advanced friction modifiers. Sold in quart bottles, or in cases of 12 quarts.

1-qt. Bottle	Case of (12) 1-qt. Bottles
AMA72866-56	AMA160-72866-56

Ford Type F Automatic Transmission Fluid

Durable, yet economical Ford Type F fluid may be used when a 2-P or M2C33-F fluid is recommended or required. May also be used in all transmissions, power steering units, and hydraulic systems where Ford Type F fluid is specified. Sold in quart bottles, or in cases of 12 quarts.

1-qt. Bottle	Case of (12) 1-qt. Bottles
AMA62836-56	AMA160-62836-56

Elixir Full Synthetic 75W-90 Gear Lube

Elixir gear lubricant delivers maximum protection to gear sets, providing longer gear life, maximum gear protection, and improved efficiency. GL-5 lubricant is manufactured from 100% synthetic base oils and includes a specialized additive system for unsurpassed durability. Sold in quart bottles, or in cases of 12 quarts.

1-qt. Bottle	Case of (12) 1-qt. Bottles
AMA73166-56	AMA160-73166-56

Hypoid Gear Multi-Purpose Gear Lube

Hypoid Gear Multi-Purpose lubricant combines the benefits of maximum gear protection at minimum cost. GL-5 lubricant satisfies basic rear axle performance requirements to a wide variety of differentials. Sold in quart bottles, or in cases of 12 quarts.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
75W-90	AMA73116-56	AMA160-73116-56
85W-140	AMA73156-56	AMA160-73156-56

AMALIE MOTOR OIL

Elixir Tri-Vis Plus Gear Lube

Tri-Vis Plus is a multi-graded (75W-85W-140) gear lubricant that meets most field requirements defined by the API and SAE. The GL-5 lubricant includes a robust additive system and improved viscosity modifiers that allow it to replace 80W-90 and 85W-140 gear oils. Sold in quart bottles, or in cases of 12 quarts.

1-qt. Bottle	Case of (12) 1-qt. Bottles
AMA71376-56	AMA160-71376-56

Pro Tac Plus Grease with Moly NEW!

Lithium complex grease is fortified with molybdenum disulfide, enabling it to prevent metal-on-metal contact under very high-shock loading conditions. Lubricant provides extreme pressure protection, oxidation inhibition, water resistance, and anti-rust qualities. Ideal for wheel bearings, chassis, ball joints, fifth wheels, etc.

14-oz. Cartridge	Case of (10) 14-oz. Cartridges	Case of (50) 14-oz. Cartridges
AMA68331-91	AMA68331-91-10	AMA160-68331-91

Multi-Purpose Lithium Grease NEW!

Lithium-thickened automotive and industrial grease incorporates extreme pressure anti-wear properties and superior anti-corrosion inhibitors. Red-colored premium lubricant is recommended where a NLGI #2 is required. Ideal for use in the lubrication of water pumps, U-joints, and chassis lubricating points.

14-oz. Cartridge	Case of (10) 14-oz. Cartridges	Case of (50) 14-oz. Cartridges
AMA68311-91	AMA68311-91-10	AMA160-68311-91

Blue Hi-Temp Grease

Lithium-complex grease is intended for automotive applications requiring protection from extreme pressure, oxidation, water resistance, and rust. Suitable for wheel bearings, ball joints, etc. Sold in 1-lb. tubs, 14-oz. cartridges, or in cases of tubs or cartridges.

1-lb. Tub	Case of (12) 1-lb. Tubs	14-oz. Cartridge	Case of (10) 14-oz. Cartridges
AMA68326-93	AMA160-68326-93	AMA68321-91	AMA160-68321-91

Elixir Synthetic Blend Grease

Elixir offers improved protection when compared to traditional greases. Sold in 15-oz. cartridges, or in cases of 10 or 50 cartridges.

15-oz. Cartridge	Case of (10) 15-oz. Cartridges	Case of (50) 15-oz. Cartridges
AMA68342-94	AMA68342-94-10	AMA160-68342-94

Premium DOT 3 and DOT 4 Brake Fluids

DOT 3 and DOT 4 brake fluids minimize corrosion, lubricate, and control seal swelling over a wide temperature range. DOT 3 fluid has a minimum boiling point of 450°F, while the DOT 4 fluid includes a minimum boiling point of 475°F. Sold in bottles or in cases.

Part No.	Description
DOT 3	
AMA65031-92	12-oz. Bottle
AMA160-65031-92	Case of (12) 12-oz. Bottles
DOT 4	
AMA65041-92	8-oz. Bottle
AMA160-65041-92	Case of (24) 8-oz. Bottles

ANTIGRAVITY BATTERIES

Lithium-Ion Motorsports Batteries

An industry leader and innovator in the field of Lithium-Ion batteries, AntiGravity Batteries offer a 70% weight reduction and provide twice the cranking power compared to traditional lead/acid batteries. The significant weight loss results in reduced unsprung weight, improved acceleration, and shorter braking distance. Choose from Small Case, OEM Replacement, Special Voltage, and Car Battery models.

Part No.	Type/Group	CA	Cap. Ah	L	W	H	Weight
12-Volt Batteries							
ANTAG-1201	Small	360	16	4.5"	3.25"	4.25"	2.25 lbs.
ANTAG-1601	Small	480	22	4.5"	3.25"	5.25"	3.18 lbs.
ANTAG-26-16-RS	26	850	16	7.75"	6.5"	7.24"	8.15 lbs.
ANTAG-26-20-RS	26	925	20	7.75"	6.5"	7.24"	8.5 lbs.
ANTAG-35-40-RS	35	1500	40	9"	6.85"	8.6"	16.5 lbs.
ANTAG-51R-24-RS	51R	1000	24	9.4"	5.2"	8.6"	8.5 lbs.
ANTAG-51R-30-RS	51R	1200	30	9.4"	5.2"	8.6"	11.7 lbs.
ANTAG-ATX12-20-R	OEM	600	22	5.87"	3.43"	5.12"	4.2 lbs.
ANTAG-ATX12-HD-RS	YTX12	480	16	5.9"	3.38"	5.19"	3 lbs.
ANTAG-ATX20-RS	YTX20	680	20	6.89"	3.4"	5.12"	3.8 lbs.
ANTAG-ATX30-RS	YTX30	880	32	6.5"	5"	6.89"	5.75 lbs.
ANTAG-ATZ10-RS	YTZ10S	360	12	5.9"	3.46"	3.62"	2.6 lbs.
ANTAG-H5-40-RS	47	1500	40	9.5"	7"	7.5"	15.2 lbs.
ANTAG-H6-60-RS	48	1800	60	10.75"	7"	7.5"	18.15 lbs.
ANTAG-H7-40-RS	94R	1500	40	12.25"	7"	7.5"	15.6 lbs.
16-Volt Battery							
ANTAG-VTX-20-R	Special	500	20	5.87"	3.43"	5.12"	5 lbs.

Microstart XP-10 *ANTAG-XP-10*

Unrivaled for performance and quality in the mini-jump-start market, the XP-10 is the best-selling and top-rated personal power supply currently available. Compact enough to fit in the palm of your hand, yet includes the ability to jump start diesel engines up to 7.3L and large gas engines, as well. May also be used to charge and power 19V laptops, 12V devices, (2) USB 5V devices, etc.

Microstart Sport *ANTAG-XP-SPT-BLK*

PPS (Personal Power Supply) has the ability to jump-start vehicles, act as a charging unit for all 5V USB devices, and features a built-in, 70-lumen LED flashlight. Sold complete with Smart Clamps in a neat, compact carrying case.

GP-7SRC

Constructed using an advanced SRC (Super Racing Carbon) shell, the GP-7 SRC is engineered to provide excellent comfort and protection, while exceptionally lightweight. Model includes an advanced ventilation system to provide increased driver comfort. Meets FIA 8860-2018 and Snell SA2020 standards. Offered in white or black frost.

Size	White	Black Frost
Small	ARI685311183828	ARI685311183866
Medium	ARI685311183835	ARI685311183873
Large	ARI685311183842	—

GP-5W

The GP-5W features an expanded eye port for a larger field of vision. Lightweight, carbon composite helmet is fitted with a hybrid EPS liner for unsurpassed safety and comfort. Meets Snell SA2020 standards. Offered in white only.

Size	Part No.
Medium	ARI685311184054
Large	ARI685311184061

SK-6

Designed primarily for karting but equally suited to other forms of racing, the SK-6 combines unsurpassed safety and comfort with lightweight construction. Featuring a Complex Laminate Construction (CLC) shell, helmet is fitted with a soft EPS liner. Meets Snell SA2020 specifications. White only.

Size	Part No.
X-Small	ARI685311184115
Small	ARI685311184122
Medium	ARI685311184139
Large	ARI685311184146
X-Large	ARI685311184153

Replacement Helmet Components

Part No.	Description
ARI011386	Tearoffs for GP-6, Pack of 5
ARI102064	PED Wicker Bill Kit
ARI112403	Pivot Kit, GP-6/SK-6
ARI112408	Shield Latch Arm Kit
ARI01-1630	GP-7 Tear-Offs, (6) Clear Sheets
ARI11-2406	GP-7 Screw Kit

Replacement Shields

Helmet Model	Clear	Dark Tint	Anti-Fog Clear	Anti-Fog Dark Tint	Anti-Fog Light Tint	Anti-Fog Clear/Pink
GP-6, SK-6	ARI011280	ARI011281	ARI011290	—	—	—
GP-5W	—	ARI011322	—	—	—	—
GP-7	ARI01-1600	ARI01-1601	—	ARI01-1611	ARI01-1612	ARI01-1615
GP-7/D-Pane	—	—	ARI01-1620*	—	—	—

**** D-pane shields include a seal to further protect against fog in harsh racing environments.***

High-Performance Series Main Bolt Kits

Reduced-sized hex-head with wide-area flange evenly distributes load during torquing. Includes hardened, parallel-ground washers. 180,000 PSI tensile strength.

Part No.	Application
ARP134-5001	SBC 2-Bolt Main, Large Journal
ARP134-5002	SBC 2-Bolt Main, Small Journal
ARP134-5202	SBC 4-Bolt Main
ARP134-5204	SBC Dart SHP Block

Cylinder Head Bolt Kits

High-performance series bolts are rated at 180,000 PSI and available with hex or 12-pt. heads. Pro Series bolts are rated at 200,000 PSI and are available only with 12-pt. heads. Most Pro Series applications have undercut short bolts to help eliminate head gasket failure. Kits include parallel-ground washers.

Application	Hi-Perf. Hex	Hi-Perf. 12-Pt.	Pro Series 12-Pt.
Small Block Chevy			
OEM Iron, Brodix -8,-10,-11, Dart -11xb, LT-AFR, Pro-1	ARP134-3601	ARP134-3701	ARP234-3701
Brodix -12 Rollover, 18°	ARP134-3602	ARP134-3702	—

Cylinder Head Stud Kits

Pro series head stud kits include aerospace quality nuts and parallel-ground, hardened washers. Kits are offered with undercut short studs to effectively eliminate head gasket failure. Rated at 200,000 PSI tensile strength.

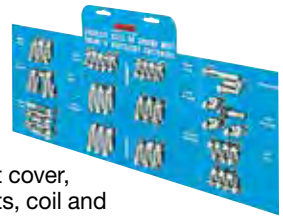
Application	Hex Nuts	12-Pt. Nuts	12-Pt. Nuts U-Cut Studs
Small Block Chevy			
23° OEM Iron/Aluminum, Gen. III Vortec, AFR, Brownfield Brodix -8,-10,-11, Track 1, Dart Sportsman, II, Edelbrock	ARP134-4001	ARP234-4301	ARP234-4601
18° With Raised Intake 3/8"	—	ARP234-4321	ARP234-4721
Brodix -12, 18°	—	ARP234-4303	ARP234-4703
Dart 13° Heads	—	—	—

Main Stud Kits

ARP main studs eliminate main cap "walk" and protect the threads in the cylinder block. Studs are manufactured from 8740 chrome moly steel, with 200,000 PSI tensile strength.

Application	2-Bolt Main	4-Bolt Main
Small Block Chevy		
Small Journal, without Windage Tray	ARP134-5402	—
Small Journal, with Windage Tray	ARP134-5501	—
Large Journal, without Windage Tray	ARP134-5401	ARP134-5601
Large Journal, with Windage Tray	ARP234-5501	ARP234-5601
Large Journal, Splayed Cap Bolts	—	ARP234-5602
Large Journal, with Straps (F&R)	ARP234-5503	ARP234-5603
Large Journal, Splayed Caps & Straps	—	ARP234-5604
400, with Windage Tray	—	ARP234-5606
Dart "Little M", Splayed Cap Bolts	—	ARP234-5801
Dart "Little M", Splayed Cap Outer Studs	—	ARP134-5801
Dart "Little M", Iron Caps/Splayed Cap Bolts	—	ARP234-5609
World Motown Iron Block	—	ARP134-5603
Dart SHP Iron Block	—	ARP134-5605

Engine and Accessory Fastener Kits



Each of these kits contain: 12-point or hex-head bolts and washers for valve covers, oil pan, intake manifold, headers, fuel pump, water pump, front cover, thermostat housing, alternator brackets, coil and distributor brackets, and motor mounts.

	Black Oxide		Stainless	
Application	Hex	12-Point	Hex	12-Point
Small Block Chevy				
350-400	ARP534-9801	ARP534-9701	ARP534-9601	ARP534-9501

Balancer Bolt Kits

Made from the finest aerospace-quality material, bolts have increased diameter with extra-tall, 12-point heads. Balancer bolts are rated at 200,000 PSI tensile strength.

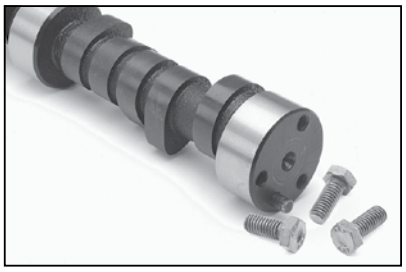
Part No.	Application
ARP134-2501	SB Chevy 7/16"-20 with 5/8" Head
ARP234-2501	SB Chevy 7/16"-20 with 13/16" Head
ARP150-2501	Ford 5/8"-18 with 5/8" Head, Exc. 351C

Square Drive Balancer Bolts

Heat-treated, 8740 chrome moly balancer bolts have a 200,000 PSI rating and accept a standard 1/2" drive ratchet for easy engine rotation. Helpful when adjusting valves or performing leak-down tests.

Part No.	Application
ARP134-2503	SB Chevy
ARP150-2503	Ford, All Except 351C

Cam Bolt Kits



ARP cam bolt kits feature oversized bolt head flanges for cam button retention. Reduced socket head size eases installation and removal. High-Performance Series fasteners are rated at 180,000 PSI, and the Pro Series fasteners are rated at 200,000 PSI.

Application	12-Pt. Hi-Performance Series	12-Pt. Pro Series
SB Chevy, .750" U.H.L.	ARP134-1001	ARP234-1001
SB Chevy for Cam Button	—	ARP300-1001

Oil Pump Driveshaft Kits

Don't depend on a stock oil pump driveshaft in any high-performance racing engine. ARP shafts are made from aerospace chrome moly, with an increased body diameter, and are centerless ground after heat treatment for perfect concentricity. Chevy driveshafts are rated at 190,000 PSI; Ford units are rated at 220,000 PSI.

Part No.	Application
ARP134-7901	SB Chevy
ARP154-7901	Ford 351W
ARP154-7904	Ford 289-302

Engine Accessory Stud Kits

ARP accessory stud kits include the required number of studs for each application, washers, and either hex or 12-point nuts. Studs have a unique nut starter radius that helps prevent cross-threading, and are either black oxide coated or stainless steel. The 300 stainless material is not affected by extreme heat, eliminating retempering due to exhaust temperature cycles. Stud kits listed are rated at 170,000 PSI tensile strength.

ARP230-7001

ARP400-2401

ARP200-7602

ARP200-7603

ARP100-1402

ARP200-2401

Application	Black Oxide Hex Nuts	Black Oxide 12-Pt. Nuts	Stainless 300 Hex Nuts	Stainless 300 12-Pt. Nuts
Air Cleaner Stud Kit				
1/4" x 3.200" O.A.L.	—	—	ARP400-0306	—
Carburetor Stud Kits				
Standard, 5/16" x 1.700" O.A.L.	ARP200-2401	—	ARP400-2401	—
1/2" Spacer, 5/16" x 2.225" O.A.L.	ARP200-2403	—	ARP400-2403	—
1" Spacer, 5/16" x 2.700" O.A.L.	ARP200-2402	—	ARP400-2402	—
1-1/4" Moroso Spacer, 5/16" x 3.200" O.A.L.	ARP200-2408	—	ARP400-2408	ARP300-2408
2" Spacer, 5/16" x 3.700" O.A.L.	ARP200-2404	—	—	—
2" Moroso Spacer, 5/16" x 1.250" & 1.700" O.A.L.	ARP200-2409	—	—	—
3" Spacer, 5/16" x 4.700" O.A.L.	ARP200-2405	—	—	—
Valve Cover Stud Kits for Stamped Steel Covers				
1/4" with Nuts & Washers, 8 Pcs.	ARP200-7601	—	ARP400-7601	ARP400-7611
1/4" with Nuts & Washers, 14 Pcs.	ARP200-7602	ARP200-7612	ARP400-7602	ARP400-7612
Valve Cover Stud Kits for Cast Aluminum Valve Covers				
1/4" with Nuts & Washers, 8 Pcs.	ARP200-7603	ARP200-7613	ARP400-7603	ARP400-7613
1/4" with Nuts & Washers, 12 Pcs.	ARP200-7610	ARP200-7620	ARP400-7606	ARP400-7616
1/4" with Nuts & Washers, 14 Pcs.	ARP200-7604	ARP200-7614	ARP400-7604	ARP400-7614
1/4" with Nuts & Washers, 16 Pcs.	ARP200-7605	ARP200-7615	ARP400-7605	ARP400-7615
1/4", Dart/Brodix/B & B with Nuts & Washers, 8 Pcs.	—	ARP200-7616	—	—
Distributor Stud Kits				
Chevy	ARP130-1702	ARP130-1701	ARP430-1702	ARP430-1701
Header Stud Kits				
SB Chevy, 3/8" Dia., 1.670", 12 Pcs.	ARP100-1412	ARP100-1402	ARP400-1412	ARP400-1402
SB Chevy, 3/8" Dia., 1.670", 16 Pcs.	—	ARP100-1403	—	ARP400-1403
Timing Cover Stud Kits				
All Chevy V8	ARP200-1401	ARP200-1411	ARP400-1401	—
Oil Pan Stud Kits				
SB Chevy	ARP234-1901	ARP234-1902	ARP434-1901	—
Oil Pump Stud Kits				
SB Chevy	ARP230-7001	ARP230-7002	—	—
SB/BB Chevy, 3.125" High-Volume	ARP230-7003	ARP230-7004	—	—

Engine Accessory Bolt Kits

Kits include the required number of bolts for a particular application, hardened washers, and either hex or 12-point heads and nuts. Bolts are either black oxide coated or stainless. The stainless 300 material is not affected by extreme heat, eliminating retempering due to exhaust temperature cycles. All accessory bolt kits are rated 170,000 PSI tensile strength.

Application	Black Oxide Hex	Black Oxide 12-Point	Stainless 300 Hex	Stainless 300 12-Point
Valve Cover Bolt Kits for Stamped Steel Covers				
350 SB Chevy, Centerbolt Covers, 8 Pcs.	—	—	ARP400-7509	ARP400-7510
Universal, 1/4"-20 x .515", 8 Pcs.	—	ARP100-7501	ARP400-7505	—
Universal, 1/4"-20 x .515", 14 Pcs.	ARP100-7506	—	ARP400-7506	ARP400-7502
Valve Cover Bolt Kits for Cast Aluminum Covers				
Universal, 1/4"-20 x .812", 8 Pcs.	—	ARP100-7503	ARP400-7507	ARP400-7503
Universal, 1/4"-20 x .812", 14 Pcs.	ARP100-7504	—	ARP400-7508	ARP400-7504
Intake Manifold Bolt Kits				
SB Chevy, 265-400, Uses 3/8" Socket	ARP134-2001	ARP134-2101	ARP434-2001	ARP434-2101
Thermostat Housing Bolt Kits				
Chevy	ARP130-7402	—	ARP430-7402	ARP430-7401
Header Bolt Kits				
SB Chevy, 3/8" Dia. .750" U.H.L, 12 Pcs.	ARP100-1101	ARP100-1201	ARP400-1101	ARP400-1201
SB Chevy, 3/8" Dia. .750" U.H.L., Drilled, 12 Pcs.	ARP100-1103	ARP100-1203	ARP400-1103	ARP400-1203
Timing Cover and Water Pump Bolt Kits				
Chevy V8 Timing Cover	ARP200-1502	ARP200-1501	ARP400-1502	ARP400-1501
Chevy V8 Water Pump	ARP130-3202	ARP130-3201	ARP430-3202	ARP430-3201
Ford 289-302 Alum.Tim. Cvr. and Wat. Pump	ARP154-1504	ARP154-1503	ARP454-1504	ARP454-1503
Fuel Pump Bolt Kits				
Chevy	ARP130-1602	ARP130-1601	ARP430-1602	ARP430-1601
Oil Pan Bolt Kits				
SB Chevy	ARP234-1802	ARP234-1801	ARP434-1802	ARP434-1801
SB Chevy, 1-Pc. Rubber Gasket	ARP134-1802	ARP134-1801	ARP434-1804	ARP434-1803
Starter Bolt Kits				
Chevy, Standard 3.760" U.H.L.	—	—	ARP430-3502	ARP430-3501
Chevy, Long & Short, 1.88"/4.45"	—	—	ARP430-3505	—
Chevy, Long 4.450" U.H.L.	—	—	ARP430-3507	—

Cam Drives

Put an end to a stripped or broken cam drive. ARP's "bulletproof" cam drives are through-hardened chrome moly with a Viton seal and anodized aluminum plate.

Part No.	Description
ARP934-0005	1" Cam Drive
ARP934-0006	1-1/2" Cam Drive

Seal Plates

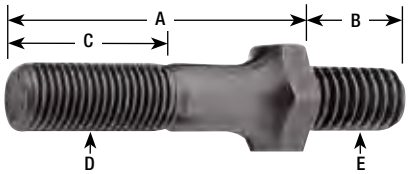
ARP934-0007

Precision seal plates are CNC-machined 7075-T4 aluminum anodized to resist corrosion. Available in 2.100" and 2.380" to fit most OEM or aftermarket blocks.

Part No.	Description
ARP934-0007	2.100" Cam Seal, SB Chevy
ARP934-0008	2.380" Cam Seal, Dart Aluminum Block

Rocker Arm Stud Kits

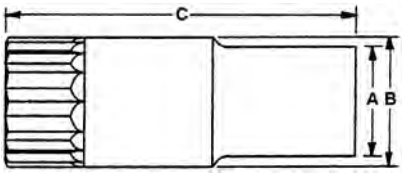
ARP rocker arm studs offer improved reliability because of longer thread engagement in the cylinder head and an extra-large radius for reduced flex. High-Performance Series rocker arm studs have a tensile strength of 180,000 PSI. Pro Series studs have a tensile strength of 200,000 PSI.



Application	Dimensions A	B	C	D	E	(16-Pack) High-Performance	(2-Pack) High-Performance	(16-Pack) Pro Series
Small Block Chevy								
3/8"	1.750"	.700"	.800"	3/8"-24	7/16"-14	ARP134-7101	ARP134-7121	ARP234-7201
7/16"	1.770"	.700"	.670"	7/16"-20	7/16"-14	ARP134-7103	ARP134-7123	ARP234-7202
7/16"	1.900"	.750"	.850"	7/16"-20	7/16"-14	—	—	ARP200-7202
With Roller Rockers and Girdles	1.900"	.750"	1.000"	7/16"-20	7/16"-14	ARP100-7101	ARP100-7121	ARP200-7201
With Roller Rockers and Girdles	1.900"	.850"	.850"	7/16"-20	7/16"-14	—	—	ARP234-7206*
With Roller Rockers and Girdles	2.100"	.850"	.800"	7/16"-20	7/16"-14	—	—	ARP334-7202*
With Roller Rockers and Girdles	2.100"	.750"	.800"	7/16"-20	7/16"-14	—	—	ARP334-7203*
With Roller Rockers and Girdles	2.000"	.750"	.800"	7/16"-20	7/16"-14	—	—	ARP334-7204*

** Studs have a shank under hex to locate guide plates*

Perma-Loc Rocker Arm Adjusters



Perma-Loc adjusters are the only ones on the market to incorporate several unique features to prevent loosening. Heat-treated adjuster bodies eliminate thread movement, threads are machined perpendicular to the bottom of the adjuster for a full 360° of pressure, and the set screw is machined flush for maximum rocker stud contact. Packs of 16.

Application	Thread Size	Body Dia. (B)	Length (C)	16-Pc. Pack
Stamped Steel Rocker	3/8"-24	.620"	1.200"	ARP300-8241
Stamped Steel Rocker	7/16"-20	.640"	1.200"	ARP300-8242
Aluminum Rocker	3/8"-24	.550"	1.200"	ARP300-8243
Aluminum Rocker	7/16"-20	.550"	1.200"	ARP300-8245

Self-Locking Hex Nuts

Lightweight carbon steel fasteners with a cadmium and chromate finish are ideal for high-stress, high-temperature, or severe-vibration applications.

Part No.	Description
ARP200-8103	Hex Nut, 5/16"-24 (Fine), -5 NAS, Each
ARP200-8104	Hex Nut, 3/8"-24 (Fine), -6 NAS, Each
ARP200-8204	12-Pt. Nut, 3/8"-24 (Fine), -6 NAS, Each

12-Point Nuts

Constructed from 8740 chrome moly steel, fasteners are rated at 180,000 PSI and black oxide-finished.

Part No.	Description
ARP300-8302	12-Pt Nut, 3/8"-24 (Fine), 7/16" Wrenching, Each
ARP300-8322	12-Pt. Nut, 3/8"-24 (Fine), 7/16" Wrenching, 2 Pcs.
ARP300-8332	12-Pt. Nut, 3/8"-24 (Fine), 7/16" Wrenching, 10 Pcs.
ARP300-8381	12-Pt. Nut, 3/8"-24 (Fine), 7/16" Wrenching, 2 Pcs.

Ultra-Torque Fastener Assembly Lube

A must for serious engine building, moly-based lubricant helps achieve 5% of required pre-load on the first pull. It maintains consistency with each subsequent cycle, eliminating the need for re-torquing. Ultra-Torque has an effective lubrication range of -30°F to 550°F and a load range of 500,000 PSI.

Part No.	Description
ARP100-9908	0.5 fl. oz.
ARP100-9909	1.69 fl. oz.
ARP100-9910	10 oz. with Brush Top
ARP100-9911	20 oz. with Brush Top

Thread Sealer
ARP100-9904

Product delivers a flexible, leak-proof seal on aluminum, steel, stainless steel, and plastic, and is unaffected by coolants, water, gasoline, natural gas, or LPG. PTFE-based sealer includes rust and corrosion inhibitors, has a load range of up to 10,000 PSI and an effective lubrication range of -30°F to 550°F. Sold in a 1.69 fluid ounce container.

Tapered Ring Compressors

CNC-machined from 6061-T6 aluminum, ring compressors have a true radius for each bore size. Type 3 anodized for a long, corrosion-free life, and prominently engraved with the bore size.

Bore Size	Part No.
4.000"	ARP900-0000
4.020"	ARP900-0200
4.030"	ARP900-0300
4.040"	ARP900-0400
4.060"	ARP900-0600
4.070"	ARP900-0700
4.125"	ARP900-1250
4.145"	ARP900-1450
4.155"	ARP900-1550
4.165"	ARP900-1650

Argo Manufacturing Co.

Sport Jack *ARGRP475*

The Sport Jack incorporates a Pace power unit with steel lift beam and unique monocoque chassis. Conforms to Pace quality standards. Weighs 39 pounds. Jack has just a 3-1/8" flat height, features 1-3/4" lift per stroke, and is capable of 18" maximum lift.

Remote Oil Filter Mount *ARGHPF301*

Lightweight, finned aluminum remote mount dissipates heat and has an -12AN outlet and inlet on each side. Adapter includes a 600-micron screen to trap contaminants before they enter the oil filter. Adapter accepts popular Fram FRAHP6A two-quart oil filter.

Digital Tire Gauge *ARGRP108*

Large gauge has digital readout that displays a 3-100 PSI range in 0.5-pound increments. Flexible hose has a swivel air chuck and bleeder valve for easy pressure settings and adjustments. Accurate to ±1 PSI.

ATI Performance Products

Timing Pointers

ATI's timing pointers are used specifically for Super Damper and have up to 4° of adjustment. CNC-machined from billet aluminum and black anodized for a professional appearance.

Part No.	Description
ATI918950	SB Chevy Pointer for 6-3/8" Damper
ATI918954	SB Chevy Pointer for 7" Damper

Super Damper

Super Dampers are unaffected by heat, and control vibration throughout the entire RPM range. Dampers have unique, fully captured inertia rings and patent-pending elastomer O-ring mountings for unequaled engine protection.

Part No.	Engine	Dia.	Material	Balance	Total Weight
Small Block Chevy					
ATI917410	283-350	6.325"	Aluminum/Steel	Internal	6.5 lbs.
ATI917480	283-350	6.325"	Aluminum/Aluminum	Internal	4.75 lbs.
ATI917780	283-350	7"	Steel	Internal	11 lbs.
ATI917781	283-350	6.325"	Steel	Internal	8.5 lbs.

Racing ATL Fuel Cells

Commando 33-Gallon Sprint Fuel Cell Assembly

Designed and tested by Factory Kahne, cell has a full 33-gallon outlaw capacity and features a low/forward center of gravity. High-impact molded tail tank shell uses a super-tough seamless design, includes heavy-duty mounting inserts for easy installation, and is ready for paint. Fitted with an FT3 ballistic nylon bladder, light composite nut ring, integral 1-gallon collector tank with doors, -12AN fuel pickup assembly, stainless steel filter, 4" x 6" aluminum fill plate with oversized, 3" dia. flush cap, -6AN vent and check valve, and –8AN return.

Description	Tail Tank	Complete Assembly
Commando 33-Gallon Fuel Cell Assembly	ATLTT433-KK	ATLSC433KK-BI2-TF698

Sprint Fuel Cells

Flexible, 28-gallon alcohol bladders are the lightest available and have a tough, seamless outer tank. Cells include 4" x 6" aluminum fill plate, -6AN vent check valve, -6AN return, internal pick-up hose and -12AN front outlet. Both have easy-access front cover panel, 2" aluminum flush cap, are resistant to methanol and ethanol, and include Velcro mounts for surge tank. Available in two configurations: a direct replacement for Fuel Safe's SB228, or as a Kahne-designed cell.

Description	Tail Tank	Bladder	Complete Assembly
Kahne-Designed Sprint Cell, 28 Gallon Complete, 11 lbs. Lighter Than Competition	ATLTT428	—	ATLSC428
Kahne-Designed Sprint Cell, 28 Gallon with Surge Tank and Filter	ATLTT428	—	ATLSC428-BI2-TF698

ATP CHEMICALS & SUPPLIES

Gumout Jet Spray Carb + Choke Cleaner *ATP800002231*

New, improved formula cleans carburetors, throttle bodies, fuel injectors, and related components. Jet-spray aerosol delivers quick, effective cleaning. Sold in 13-ounce aerosol can.

WD-40 Smart Straw

Protect and lubricate literally thousands of items, preventing rust and corrosion. Smart Straw delivers a precision stream with the straw flipped up, or regular spray action with the straw flipped down. Offered in 8- or 11-ounce aerosol cans.

Part No.	Description
ATP490026	WD-40, 8-oz.
ATP490040	WD-40, 11-oz.

Sea Foam Motor Treatment *ATPSF16*

Suitable for gasoline or diesel-powered applications, engine additive cleans the entire fuel system, liquefying gum and varnish deposits, while also including the ability to lube upper cylinders and quiet noisy lifters. Sold in a 16-ounce bottle.

Sta-Bil Fuel Stabilizer *ATP1108*

Specialized additive prevents fuel deterioration. Ideal for generators, mopeds, or golf carts that sit for extended periods. Product protects fuel system during storage, keeping carburetors, fuel injectors, and fuel lines clean. One 10-ounce bottle treats 25 gallons of gasoline.

Power Service Diesel Kleen Cetane Boost *ATP3012*

Specially-formulated diesel fuel additive helps clean injectors, while boosting power and fuel economy by up to 8%. Protects pumps and prevents injectors from sticking. Effective in all diesel fuels. Sold in 12-ounce bottle.

TerraCair Ultrapure Diesel Exhaust Fluid *ATP00250*

High-purity chemical is comprised of 32.5% urea and 67.5% de-ionized water and meets 2010 EPA Diesel Emission Standards and international standard ISO 22241. Sold in 2.5-gallon pour-spout container.

Motor Medic Instant Starting Fluid *ATPM3515* NEW!

Effective to -65°F, product helps provide easier starting to gasoline or diesel engines. Aerosol starting fluid is 35% ether and includes an upper cylinder lubricant. Complies with the federal low sulfur content requirements for use in diesel motor vehicles. 11-oz. aerosol.

Bar's Leaks Radiator Stop Leak

Radiator Stop Leak stops and seals cooling system leaks in radiators, heater cores, freeze plugs, etc. Works with all types of anti-freeze. Heavy-duty Block Seal is engineered to seal larger leaks.

Par t No.	Description
ATP1109	Block Seal Intake and Radiator Stop Leak, 18-oz.
ATP1194	Radiator Stop Leak, 6-oz.
ATP1196	Radiator Stop Leak, 11-oz.

Go-Jo Original Formula Hand Cleaner *ATP1115*

Hand cleaner uses a rich formula that helps remove the heaviest grease, grime, and oil. Soothing emollients treat dry, cracked hands. Sold in a large 4.5-lb. container.

Simple Green All-Purpose Cleaner *ATP13002*

Concentrated, all-purpose cleaner is strong, non-toxic, and biodegradable. Clean wheels, tires, tools, plastic, aluminum, vinyl, carpeting, upholstery, etc. Sold in 16-ounce spray bottle.

Armor All Protectant *ATP10010*

Restores new look to vinyl, rubber, and plastic parts, while guarding against dashboard cracking and discoloration. Original Protectant is sold in 10-ounce bottles.

Westley's Black Magic Bleche-White Tire Cleaner *ATP120066*

America's number one selling tire cleaner. Easy to use and fast acting, Bleche-White blasts away brake dust, grease, and grime, restoring that "new" tire look. Sold in 32-ounce spray bottle.

No Touch Tire Care *ATPNT-15*

Spray-on No Touch Tire Care delivers a rich satin finish to tires without the need for wiping. Repels dirt and moisture. Sold in a 15-ounce aerosol can.

2-5/8" Dia. Gauges

Sport-Comp

Sport-Comp gauges have been widely used in racing since their introduction thirty years ago. The black dial face and bright red pointer lend a competition appearance that has assured their popularity.

Ultra-Lite

Ultra-Lite gauges are the hottest gauges in racing. Aluminum construction reduces weight while the satin aluminum dial face and bright fluorescent red pointer enhance appearance.

Ultra-Lite Liquid-Filled

Ultra-Lite liquid-filled gauges blend the look of the Ultra-Lite with the ruggedness of Pro-Comp liquid-filled gauges to make these the toughest gauges in racing.

Ultra-Nite

Rugged, glow-in-the-dark gauges require no electrical power and have bright white dial faces, bright red pointers, and teal bezels.

Carbon Fiber

The Ultra-Lite series has been expanded to include Carbon Fiber gauges with authentic carbon fiber dials and silver bezels and pointers.

Pro-Comp

Pro-Comp gauges are liquid-filled, making them ideal for cars that are subject to excessive vibration. A black dial face and bright fluorescent red pointer allow quick, easy gauge reading.

Phantom

Phantom gauges have white dial faces, black bezels, and bright red pointers for quick, easy reading.

Description	Sport-Comp	Ultra-Lite	Ultra-Lite LFG	Ultra-Nite	Carbon Fiber	Pro-Comp	Phantom
Fuel Press., 0-15 PSI/Mech.	ATM3411	ATM4411	ATM4611	ATM4511	ATM4811	ATM5411	ATM5810
Oil Press., 0-100 PSI/Mech.	ATM3421	ATM4421	ATM4621	ATM4521	ATM4821	ATM5421	ATM5821
Oil Press., 0-200 PSI/Mech.	ATM3422	ATM4422	ATM4622	—	—	ATM5422	—
Oil Press., 0-150 PSI/Mech.	ATM3423	ATM4423	—	ATM4523	—	—	ATM5823
Water Temp., 140-280°/4' Tubing	—	—	—	ATM4535	—	—	—
Water Temp., 140-280°/6' Tubing	ATM3431	ATM4431	ATM4631	ATM4531	ATM4831	ATM5431	ATM5831
Water Temp., 120-240°/6' Tubing	ATM3432	ATM4432	ATM4632	ATM4532	ATM4832	ATM5432	ATM5832
Water Temp., 120-240°/12' Tubing	ATM3433	ATM4433	—	—	—	ATM5433	—
Oil Temp., 140-280°/6' Tubing	ATM3441	ATM4441	—	ATM4541	—	ATM5441	ATM5841
Oil Temp., 140-280°/12' Tubing	ATM3443	—	—	—	—	ATM5443	—

2-1/16" Dia. Gauges

Sport-Comp

The 2-1/16" Sport-Comp features the same easy-to-read black dial face and bright red pointer as the 2-5/8" versions, and can be easily read at a quick glance.

Sport-Comp II

Gauges feature the look of the traditional Sport-Comp line with modern, "through-the-dial" LED dial and pointer. Sport-Comp II gauges have a black dial face with white increments, which become illuminated for easier reading at night.

Ultra-Lite

Auto Meter combined their Ultra-Lite gauges with the popular 2-1/16" size to create the 2-1/16" Ultra-Lite line. The gauges feature satin aluminum dial faces with bright red pointers for excellent visibility.

Ultra-Lite II

Easy-to-read gauges feature intense, "through-the-dial" LED lighting and a red, LED-lit pointer. Unique reverse lighting effect displays a silver dial with black increments during daylight, while a dark dial and illuminated increments are visible at night.

Carbon Fiber

2-1/16" diameter gauges have real carbon fiber dials, silver bezels, and pointers.

Phantom

Compact, easy-to-mount 2-1/16" Phantom gauges have bright white dial faces, black bezels, and bright red pointers for easy reading.

Phantom II

Bright white dial faces which change to black at night and red pointers are illuminated by LEDs for unmatched visibility.

Description	Sport-Comp	Sport-Comp II	Ultra-Lite	Ultra-Lite II	Carbon Fiber	Phantom	Phantom II
Fuel Pressure, 0-15 PSI/Mech.	ATM3311	—	ATM4311	—	ATM4711	—	—
Oil Pressure, 0-100 PSI/Mech.	ATM3321	ATM3621	ATM4321	ATM4921	ATM4721	ATM5721	ATM7521
Oil Pressure, 0-200 PSI/Mech.	ATM3322	—	ATM4322	—	—	—	—
Oil Pressure, 0-150 PSI/Mech.	ATM3323	—	ATM4323	—	—	ATM5723	—
Water Temp., 140-280°F/6' Tubing	ATM3331	ATM3631	ATM4331	ATM4931	ATM4731	ATM5731	—
Water Temp., 120-240°F/12' Tubing	ATM3332	ATM3632	ATM4332	ATM4932	ATM4732	ATM5732	—
Water Temp., 120-240°F/6' Tubing	ATM3333	—	ATM4333	—	—	—	ATM7532
Oil Temp., 140-280°F/6' Tubing	ATM3341	—	ATM4341	—	ATM4741	ATM5741	—
Oil Temp., 140-340°F/Mech.	—	—	ATM4346	—	—	—	—
Oil Temp., 100-250°F/Elec.	ATM3347	—	ATM4347	—	—	ATM5747	—

Tire Pressure Gauges

Having an exact measurement of tire pressure is often the difference between winning and losing. Professional-grade analog gauges provide the most accurate measurement available in a durable package designed to endure the rigors of racing.

Part No.	Description
ATM2162	0-40 PSI
ATM2164	0-100 PSI

Angle Ring Sets

Angle rings allow adjusting gauges toward driver for improved readability. Molded black plastic rings are sold in sets of three. Mounting bracket must be modified for installation.

Part No.	Description
ATM2234	Auto Meter 2-1/16" Gauges
ATM3244	Auto Meter 2-5/8" Gauges

Temperature Adapter Fittings

Hard-to-find fittings for use with Auto Meter mechanical oil, water, and transmission temperature gauges. Extension adapters are also available where extra water passage clearance is needed.

ATM2271 ATM2272 ATM2273 ATM3278

Part No.	Description
ATM2271	3/8" NPT Temperature Extension (Brass)
ATM2272	3/8" Aluminum Adapter, Long
ATM2273	1/2" Aluminum Adapter, Short
90° Fitting	
ATM3278	1/8" NPT Female to -4AN Male

Replacement Bulbs And Sockets

Part No.	Description
ATM3211	For All Steel Case 2-5/8" Gauges and Tachs
ATM3219	Twist-In for Some Pro-Comp and Sport Comp Gauges

LED Replacement Bulb Kits

Upgrade standard gauge lighting to bright LED illumination. Compatible with all Auto Meter gauges (except Auto Gauge), and most in-dash tachometers.

Part No.	Description
ATM3285	Green
ATM3286	Blue

AURORA BEARING COMPANY

XAM & XAB Series
High-Strength Male 3-Piece Rod Ends

Three-piece, high-strength rod ends are constructed with heat-treated alloy steel bodies, heat-treated alloy steel races, and heat-treated and hard chrome-plated alloy steel balls.

Bore x Thread Size Reference	Male		Ult. Radial
	RH	LH	Static Load
3/8" x 7/16"-20	—	AURXAB-6T†	17,508 lbs.
7/16" x 1/2"-20	AURXAM-7T†	—	23,452 lbs.
1/2" x 5/8"-18	AURXAM-8	AURXAB-8*	31,390 lbs.

**** Signifies rod ends that are also stocked with PTFE liner by adding "T" to end of part number. † Signifies rod ends that include a PTFE liner.***

Rod Ends With Studs

Perfect for throttle linkage and other applications.

Size	Male	Female
1/4" RH	AURCM-4S	AURCW-4S
5/16" RH	—	AURCW-5S
3/8" RH	AURCM-6S	AURCW-6S
5/16" LH	—	AURCG-5S
3/8" LH	AURCB-6S	—

PRM & PRB Performance Racing Series
3-Piece Male Rod Ends

Performance Racing series three-piece rod ends are manufactured using heat-treated, 4340 steel bodies, stainless steel heat-treated races, heat-treated and hard chrome-plated alloy steel balls. Each rod end also includes a permanently-bonded PTFE liner for reduced friction and improved durability.

Bore x Thread Size Reference	Male P		Ult. Radial
	RH	LH	Static Load
1/2" x 1/2"-20	AURPRM-8T	AURPRB-8T	23,310 lbs.

Mono Ball Bearings

Race is carbon steel with protective coating. Ball is hardened steel, heat-treated, and hard chrome-plated.

Part No.	I.D.	O.D.
AURCOM-8	.500"	1.000"
AURCOM-10	.625"	1.1875"
AURCOM-12	.750"	1.4375"
AURCOM-12T *	.750"	1.4375"

**** Signifies mono ball that include a PTFE liner.***

AURORA BEARING COMPANY

CM, CB, CW, & CG Series

General-Purpose/Economy 2-Piece Rod Ends

Two-piece rod ends combine a low-carbon steel, protective-coated body with an alloy steel, heat-treated and hard chrome-plated ball.

Bore x Thread Size Reference	Male		Ult. Radial	Female		Ult. Radial
	RH	LH	Static Load	RH	LH	Static Load
3/16" x 10-32	AURCM-3	AURCB-3	1,204 lbs.	AURCW-3	—	2,079 lbs.
1/4" x 1/4"-28	AURCM-4	AURCB-4	2,212 lbs.	AURCW-4	AURCG-4	3,208 lbs.
5/16" x 5/16"-24	AURCM-5	AURCB-5	3,577 lbs.	AURCW-5	—	3,824 lbs.
3/8" x 3/8"-24	AURCM-6	AURCB-6	5,068 lbs.	AURCW-6	AURCG-6	5,087 lbs.
7/16" x 7/16"-20	AURCM-7	AURCB-7	6,345 lbs.	AURCW-7	—	6,385 lbs.
1/2" x 1/2"-20	AURCM-8	AURCB-8	8,338 lbs.	AURCW-8	AURCG-8	9,096 lbs.

VCM, VCB, VCW, & VCG Series

General Purpose/Economy 2-Piece Rod Ends

Two-piece rods ends are constructed using a low-carbon steel, protective-coated body with an alloy steel, heat-treated and hard chrome-plated ball. Rod ends are then fitted with a steel-backed, PT-FE-composite bushing.

Bore x Thread Size Reference	Male		Ult. Radial	Female		Ult. Radial
	RH	LH	Static Load	RH	LH	Static Load
3/8" x 3/8"-24	AURVCM-6	AURVCB-6	3,643 lbs.	AURVCW-6	—	3,643 lbs.
7/16" x 7/16"-20	—	—	—	AURVCW-7	—	4,464 lbs.
1/2" x 1/2"-20	AURVCM-8	AURVCB-8	7,229 lbs.	AURVCW-8	—	7,229 lbs.

MM, MB, MW, & MG Series

General-Purpose/Precision 3-Piece Rod Ends

General-purpose three-piece rod ends are assembled using a protective-coated carbon steel body, protective-coated carbon steel race, heat-treated and hard chrome-plated alloy steel ball.

Bore x Thread Size Reference	Male		Ult. Radial	Female		Ult. Radial
	RH	LH	Static Load	RH	LH	Static Load
3/16" x 10-32	AURMM-3	AURMB-3	1,169 lbs.	—	—	—
5/16" x 5/16"-24	AURMM-5	AURMB-5	2,784 lbs.	—	—	3,133 lbs.
3/8" x 3/8"-24	AURMM-6	AURMB-6	4,218 lbs.	—	—	—
7/16" x 7/16"-20	—	—	—	AURMW-7	—	4,218 lbs.
1/2" x 1/2"-20	AURMM-8	AURMB-8	6,660 lbs.	AURMW-8	—	6,660 lbs.

AM, AB, AW, & AG Series

High-Strength 3-Piece Rod Ends

High-strength, three-piece rod ends feature heat-treated, alloy steel bodies with heat-treated and protective-coated alloy steel races and heat-treated and hard chrome-plated alloy steel balls.

Bore x Thread Size Reference	Male		Ult. Radial	Female		Ult. Radial
	RH	LH	Static Load	RH	LH	Static Load
1/4" x 1/4"-28	AURAM-4	AURAB-4	5,260 lbs.	—	—	—
5/16" x 5/16"-24	AURAM-5	—	7,639 lbs.	AURAW-5	—	7,639 lbs.
3/8" x 3/8"-24	AURAM-6	AURAB-6	9,544 lbs.	AURAW-6	—	9,544 lbs.
7/16" x 7/16"-20	AURAM-7*	AURAB-7*	10,285 lbs.	—	—	10,285 lbs.
1/2" x 1/2"-20	AURAM-8*	—	16,238 lbs.	AURAW-8	—	16,238 lbs.

**** Signifies rod ends that are also stocked with PTFE liner by adding "T" to end of part number.***

XM & XB Series

Extra-Strength Male 3-Piece Rod Ends

Extra-strength, three-piece rod ends are manufactured using a protective-coated carbon steel body, heat-treated alloy steel race and heat-treated and hard chrome-plated alloy steel ball.

Bore x Thread Size Reference	Male		Ult. Radial
	RH	LH	Static Load
1/2" x 1/2"-20	AURXM-8	AURXB-8	12,807 lbs.

Autolite

Spark Plugs

Autolite spark plugs use a copper center electrode sheathed in nickel-chromium alloy to provide superior heat dissipation. A multi-rib insulator reduces the chances of "flash-over", and a longer insulator resists carbon fouling, allowing combustion deposits to burn away. We carry a wide selection of plugs for many applications. Sold individually, please call for more details. ***Spark plug reference chart is on page 540.***

BARNES DRY SUMP OIL SYSTEMS
Torrance, CA (310) 534-3844

Cam-Drive Oil Pumps

Each cam-drive oil pump has a pressure bypass, oil filter adapter, and uses new 3-lobe timed aluminum scavenge rotors. Lightweight and efficient, they can pull more vacuum than spur gear designs. Pumps have drilled pressure gears and gun-drilled idler shafts. Scavenge returns can be set up for -16 lines.

Part No.	Description
BAR9117-3CR1.375	3-Stage Cam-Drive Pump
BAR9117-4CR1.375	4-Stage Cam-Drive Pump

90° Oil Filter Adapter
BAR9012-10

Designed for small block Chevys with a dry sump system, Adapter mounts the oil filter at 90°. Block does not need machining for oil inlet fitting. Accepts Fram HP-4 filter.

Sprint Front-Mount Oil Filter Bracket
BAR8930-10

Filter adapter mounts to existing water pump bolt holes on small block Chevys. Eliminates excessive plumbing and is typically used with a cam-drive oil pump and a pressure feed at the front of the block. Accepts Fram HP-4 filter.

Oil Filter Block-Off Plate
BAR8910-10

Black anodized, billet aluminum block-off plate fits small block Chevys, and is offered with -10AN or -12AN fitting for oil inlet or -10AN plug for filter block-off. Uses -10AN port plug.

Billet Remote Oil Filter Mount *BAR8926-10*

Manufactured from rigid billet aluminum, remote mount includes -10AN inlet/outlet ports and 13/16"-16 threads to accept popular Fram HP4 or HP8 oil filters. Black anodized finish for corrosion resistance.

O-Ring Kit for Oil Filter Adapters
BARORK-109

Pump Fitting *BARFIT-1216*

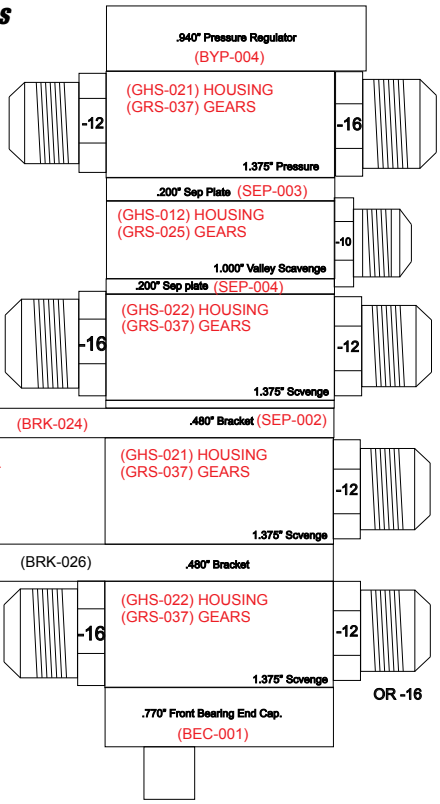
Pump fitting for -12AN to -16AN O-Ring.

TECH TIP

Barnes Systems Inc.

9017-5B 1.0 BRT-DS
1.375" Press
1.000" Valley Scav.
1.375" Pan Scav.
Drilled for F/P drive.

MAKES:
9017-5B 1.0 GEAR



BEDRUG®
NEXT GENERATION BEDLINERS

TrackMat *BEDTW2X4MAT*

Ideal for use in the pits, garage, or trailer, TrackMat is a 2' x 4' folding mat constructed from an ultra-tough, 3/4" thick foam pad fused with 100% polypropylene fibers. Stain, oil, and chemical-resistant, mat folds down to just 2' x 2' for easy storage.

BELL® HELMETS

Carbon Series Helmets

Bell's lightest, top-of-the-line Carbon Series helmets are designed for the serious racer. Helmets meet Snell SA2020 and SFI 31.2A specifications.

RS7 Carbon

Featuring an ultra-lightweight carbon shell, the RS7 offers unmatched comfort, aerodynamic performance, and energy-absorbing capability. An advanced ventilation system includes 14 air intake and extraction channels for unsurpassed air flow and ventilation. Uses SE07 shields. Offered in non-duckbill or duckbill (chin spoiler) versions with natural carbon finish.

Size	Non-Duckbill	Duckbill
Small (56)	BEL1204A24	—
Small/Medium (57)	BEL1204A25	—
Medium (57+)	BEL1204A26	—
Medium (58)	BEL1204A27	BEL1204A07
Medium/Large (59)	BEL1204A28	BEL1204A08
Large (59+)	BEL1204A29	BEL1204A09
Large (60)	BEL1204A30	BEL1204A10
X-Large (61)	BEL1204A31	BEL1204A11

RS7C LTWT

An ultra-lightweight version of the RS7 Carbon combining an aerospace-grade carbon shell, reinforced energy-absorbing liner system, and the performance features of the HP7, resulting in the most advanced, lightweight Snell-rated helmet currently offered. Weighs under 2.795 lbs. Uses SE07 shields. Natural carbon finish.

Size	Part No.
Small (57)	BEL1237A05
Small (57+)	BEL1237A06
Medium (58)	BEL1237A07
Medium/Large (59)	BEL1237A08
Medium/Large (59+)	BEL1237A09
Large (60)	BEL1237A10
X-Large (61)	BEL1237A11
XX-Large (61+)	BEL1237A12

GTX3 Carbon

Versatile helmet combines an ultra-lightweight carbon shell with sleek, aerodynamic styling. Integrated shield, rubber gasket seal and double-screen, anti-fog visor, and rear facing vent deliver exceptional ventilation, while the ultra-plush Max FR interior adds comfort. Uses SE03 shields. Natural carbon finish.

Size	Part No.
Small (57)	BEL1207A11
Small (57+)	BEL1207A12
Medium (58)	BEL1207A13
Medium/Large (59)	BEL1207A14
Medium/Large (59+)	BEL1207A15
Large (60)	BEL1207A16
X-Large (61)	BEL1207A17

M8 Carbon NEW!

Ideal for closed cockpit applications, the M8 combines an ultra-lightweight design with traditional styling and superior visibility. Carbon shell incorporates a multi-density, multi-piece liner and versatile ventilation system along with integrated channels for a radio system and drink tube. Meets Snell SA2020 and FIA8859-2015 standards. Gloss carbon finish. Includes clear SRV-8 shield.

Size	Part No.
Small (57)	BEL1208A01
Small (57+)	BEL1208A02
Medium (58)	BEL1208A03
Medium/Large (59)	BEL1208A04
Medium/Large (59+)	BEL1208A05
Large (60)	BEL1208A06
X-Large (61)	BEL1208A07
XX-Large (61+)	BEL1208A08

BR8 Carbon NEW!

Ultra-lightweight and versatile, the BR8 offers exceptional protection, vision, and comfort, while allowing a wide variety of fresh air configurations. Carbon shell is fitted with a multi-density, multi-piece liner and includes integrated channels for a radio system and drink tube. Meets Snell SA2020 and FIA8859-2015 standards. Gloss carbon finish. Includes clear SRV-8 shield.

Size	Part No.
Small (57)	BEL1238A01
Small (57+)	BEL1238A02
Medium (58)	BEL1238A03
Medium/Large (59)	BEL1238A04
Medium/Large (59+)	BEL1238A05
Large (60)	BEL1238A06
X-Large (61)	BEL1238A07
XX-Large (61+)	BEL1238A08

Pro Series Helmets

Pro Series helmets utilize carbon composites to form a strong, lightweight outer shell along with the benefits of a three-piece, multi-density liner. Helmets meet Snell SA2020 and SFI 31.2A (full-face) specifications.

GTX3

Third-generation helmet combines a lightweight, carbon composite shell with advanced aerodynamics. The integrated Double Screen Anti-Fog (DSAF) shield and rear-facing vents allow air exchange, while preventing dust and dirt from entering, making it ideal for dirt track racers. Uses SE03 shields. Offered in white or matte black.

Size	White	Matte Black
Small 7-1/8 (57)	BEL1314A01	BEL1314A11
Medium 7-1/4 (58)	BEL1314A02	BEL1314A12
Medium/Large 7-3/8 (59)	BEL1314A03	BEL1314A13
Large 7-1/2 (60)	—	BEL1314A14
X-Large 7-5/8 (61)	BEL1314A05	BEL1314A15
XX-Large 7-5/8+ (61+)	BEL1314A06	BEL1314A16

RS7 Pro

Based upon the design of the HP7, helmet utilizes a lightweight, carbon composite shell. The innovative shell and shield design improves comfort, aerodynamics and energy-absorbing capability, while the DSAF shield and rubber gasket seals out dirt, dust, and moisture. Advanced ventilation system includes 14 air intake and extraction channels. Uses SE07 shields. Offered in white or matte black.

Size	White	Matte Black
Small 7-1/8 (57)	BEL1310A06	BEL1310A26
Medium 7-1/4 (58)	—	BEL1310A27
Medium/Large 7-3/8 (59)	BEL1310A08	BEL1310A28
Medium/Large 7-3/8+ (59+)	BEL1310A09	BEL1310A29
Large 7-1/2 (60)	BEL1310A10	BEL1310A30
X-Large 7-5/8 (61)	BEL1310A11	BEL1310A31
X-Large 7-5/8+ (61+)	BEL1310A12	BEL1310A32

GP3 Sport

Utilizing a lightweight composite shell with F1 styling and a versatile air intake system, the GP3 Sport is ideally suited to open cockpit race cars. Even when exposed to the most demanding track conditions, helmet offers maximum ventilation and superior vision through use of the DSAF (Double Screen Anti-Fog) visor. Front duckbill helps provide exceptional aerodynamics. Uses SE03 shields. Offered in white or matte black.

Size	White	Matte Black
Small (57)	—	BEL1417A51
Medium (58-59)	BEL1417A22	BEL1417A52
Large (60)	BEL1417A23	BEL1417A53
X-Large (61+)	BEL1417A24	BEL1417A54

Sport Series Helmets

High-quality Sport Series helmets are designed for entry-level sportsman racers, while meeting both Snell SA2020 and SFI 31.2A full-face or 31.1A open-face specifications.

M8

Extra-large eyeport helmet offers an exceptional field of vision without compromising safety. Ideal for racers that wear eyeglasses, multi-purpose helmet is pre-drilled for a head-and-neck restraint. Uses SRV-8 shields. Offered in white or matte black.

Size	White	Matte Black
X-Small (56)	—	BEL1419A12
Small (57)	BEL1419A03	BEL1419A13
Medium (58-59)	BEL1419A04	BEL1419A14
Large (60)	BEL1419A05	BEL1419A15
X-Large (61+)	BEL1419A06	BEL1419A16
XX-Large (63-64)	BEL1419A07	BEL1419A17
XXX-Large (65-66)	BEL1419A08	BEL1419A18
XXXX-Large (67-68)	—	—

K1 Pro

Multi-use, full-featured helmet includes enhanced aerodynamic stability, complete with a duckbill, making it well suited to open cockpit applications. Plush interior adds comfort. May be used in open wheel configurations with included air intake piece or in closed-cockpit application with a forced air intake, purchased separately. Uses 287 SRV shields. Offered in choice of white or matte black.

Size	White	Matte Black
X-Small (56)	—	BEL1420A12
Small (57)	—	BEL1420A13
Medium (58-59)	BEL1420A04	BEL1420A14
Large (60)	—	BEL1420A15
X-Large (61+)	BEL1420A06	BEL1420A16

K1 Sport

A truly affordable, full-feature closed-face helmet designed for the entry-level racer. The K1 Sport features a lightweight composite shell that is fitted with a multi-density, multi-piece liner. Versatile ventilation system combines direct flow chin bar vents, forehead vents, and top vents. Uses 287 SRV shields. Offered in white or matte black.

Size	White	Matte Black
X-Small (56)	BEL1420A42	BEL1420A52
Small (57)	BEL1420A43	BEL1420A53
Medium (58-59)	BEL1420A44	BEL1420A54
Large (60)	BEL1420A45	BEL1420A55
X-Large (61+)	BEL1420A46	BEL1420A56

Helmet Sizing

Proper fit is vital to the performance of a helmet. Measure the circumference of the head at a point approximately 1" above the eyebrows in front and at a point in the back of the head that results in the largest possible measurement. Take several measurements, using the largest measurement to obtain the correct size.

Helmet Size	Hat Size	Inches	Centimeters
X-Small	7	22	56
Small	7-1/8	22-3/8	57
Medium	7-1/4-7-3/8	22-3/4-23-1/4	58-59
Large	7-1/2	23-5/8	60
X-Large	7-5/8-7-3/4	24-24-3/8	61-62

Replacement Helmet Shields

Bell offers replacement helmet shields for all 2020, 2015, 2010, and 2005 model helmets. Shields are 3mm with the exception of CMR models (2mm), and include tear-off posts. Shield Restricted Visor (SRV) shields are also offered for selected Bell Racing 2005 models. Change shields regularly for better visibility and safety.

Helmet Models	Shield No.	Anti-Fog	Clear	Light Smoke	Dark Smoke	Amber	Blue Chrome	Silver Mirror	Gold Mirror
Snell 2005 Models									
Dominator, GTX, Kart 2 Pro, T6, K-1 Sport	276 SRV	No	BEL2010151	—	BEL2010153	BEL2010154	BEL2010155	—	—
Vortex, Vortex 2, Sport, M3, M3 Xtra, Racestar IV	281 SRV	Yes	BEL2010161*	—	BEL2010163*	BEL2010164*	BEL2010165*	BEL2010166*	—
Star 500 Youth	281 SRV	Yes	BEL2010161*	—	BEL2010163*	BEL2010164*	BEL2010165*	BEL2010166*	—
Snell 2010/2020 Helmets									
K1 Pro, K1 Sport, Star GP, Star Infusion, GTX.2, GP2	287 SRV	Yes	BEL2010171	BEL2010172	BEL2010173	BEL2010174	BEL2010175	BEL2010176	—
Vortex GT	276 SRV	No	BEL2010151	—	BEL2010153	BEL2010154	BEL2010155	—	—
BR.1, M.4, Sport	281 SRV	Yes	BEL2010161	—	BEL2010163	BEL2010164	BEL2010165	BEL2010166	—
Vador	289 SRV	Yes	BEL2010191	—	—	—	—	BEL2010196	—
M.8	SRV-8	Yes	BEL2010201	BEL2010202	BEL2010203	BEL2010204	BEL2010205	BEL2010206	—
RS7, RS7C LTWT, RS7-K, HP7	SE07	No	BEL2010041	—	BEL2010043	—	BEL2010047	BEL2010045	BEL2010046
RS7, RS7-K, HP7, BR8, M8	SRV-8	DSAF	BEL2010241†	BEL2010242†	BEL2010243†	—	BEL2010245†	BEL2010246†	BEL2010244†
GTX.3, GP.3	SE03	DSAF	BEL2010001†	BEL2010002†	BEL2010003†	BEL2010004†	BEL2010007†	BEL2010005†	—

**** Early model helmets with detent-type shields require detent-to-SRV conversion kit. † DSAF signifies Double Screen Anti-Fog.***

Double-Screen Anti-Fog Inserts

Double-screen insert converts helmet shield into a high performing anti-fog and UV-blocking visor.

Part No.	Description
BEL2010211	Fits Vortex GT, K.1 Sport, 276 Shield
BEL2010212	Fits Star GP/Star Infusion/ GTX.2, GP.2, 281 Shield
BEL2010213	Fits Star GP/Star Infusion/ GTX.2/GP.2, 287 Shield

Shield Pivot Kits

BEL2020034

Replacement pivot kits are available for most popular helmet models.

Description	Black	Silver
Snell 2010/2015 Models		
SRV-1, Star GP, Star Infusion, GTX.2, GP.2	BEL2020021	—
Snell 2020 Models		
SRV-2, Vortex GT, BR.1, M.4, K.1 Sport, Sport	BEL2020031	BEL2020034
SV SE03/SE05	BEL2020001	BEL2020004

Tear-Offs

Clear tear-offs are available in thick (5 mil, 10-pack) or thin (2 mil, 20-pack) versions.

Part No.	Description
BEL2030013	Thin (2 mil) Tear-Offs, 281/288 Shield, 20-Pack
BEL2030014	Thick (5 mil) Tear-Offs, 281/288 Shield, 10-Pack

Aluminum Tear-Off Post Kit

BEL2030041

Fits all face shields that are predrilled for tear-off shield. Includes two tear-off posts and attaching screws.

Helmet Vents *BEL2060001*

Black forehead-mount replacement vent. M4 and Sport models. Sold in pairs.

10-Hole Top Air Inlet ***NEW!***

Made for use with the HP7, HP5, RS7C LTWT, RS7 Carbon, RS7, GT5 Carbon, and GT5, 10-hole top air inlet utilizes the top and forehead channels to adapt the helmet for top forced air. Design directs air flow around the top of the helmet and onto the shield to prevent fogging. Offered with clear or carbon finish.

Clear	Carbon
BEL2070139	BEL2070140

V05 Top Air Kits ***NEW!***

Engineered for use with the K.1 Pro and GP.2, kit allows converting a non-fresh air helmet to accept fresh air provisions. Offered with clear or white finish.

Clear	White
BEL2070001	BEL2070005

Forced Air and Vent Inserts for Star Infusion/BR.1 Helmets

Convert non-fresh air helmets to fresh air versions or vice versa. Kits are available with standard or Quick Lock nozzles to fit the Star Infusion and BR.1.

Description	White	Black
Top Forced Air Insert, Quick Lock Nozzle, Star Infusion/BR.1	—	BEL2070044
Top Forced Air Insert, Standard Nozzle, Star Infusion/BR.1	BEL2070041	BEL2070042
Side Forced Air Insert, Quick Lock Nozzle, BR.1	BEL2070039*	BEL2070040
Side Forced Air Insert, Standard Nozzle, BR.1	—	BEL2070038
Vent Top Plate, Star Infusion/BR.1	—	BEL2070036

**** Requires forced air adapter fitting BEL2070066 to allow using standard 1-1/2" O.D. forced air hose.***

Helmet Accessories

Part No.	Description
BEL2050001	Rear Spoiler, Large Clear, Fits HP.3/Vortex GT/GP.2/K.1 Sport
BEL2070066	Forced Air Adapter Fitting, Adapts Quick Lock to Standard 1-1/2" Forced Air Hose, Star Infusion
BEL2080002	Replacement Eyeport Foam Kit, Fits All Full Face Helmets
BEL2110001	Breath Deflector, Fits Star GP/Star Infusion/GTX.2/Vortex GT/GP.2/BR.1/M4/K1/Sport

Fleece-Lined Helmet Bag

BEL2120012

Designed to protect helmet from the elements, bag is emblazoned with the Bell Helmets logo and features a plush, fleece-lined interior.

Victory R1 Helmet Bag

BEL2120013

This original all-leather helmet bag features an extended pocket for storing accessories. Measures 15" x 13.5" x 15", making it ideal for a variety of different helmet styles.

Hans Pro V.2 Helmet Bag

BEL2120014

The padded, oversized Hans Pro V.2 bag is designed with enough space to store both helmet and head/neck restraint device in the same bag. Manufactured with a unique divider that gives the helmet and restraint device each a separate storage compartment. External storage pockets allow storage of smaller helmet accessories.

ADV-TX One-Piece Racing Suit NEW!

Multi-layer driving suit, constructed from fire-retardant fabric, is designed to be cool and comfortable, while providing superior freedom of movement. Suit includes inset pockets, elastic wrist cuffs, boot cut ankle cuffs, and an adjustable belt. Meets SFI 3.2A/5 specifications. Offered in black/red, red/black, or grey/orange.

Size	Part No.
Black/Red	
Small	BELBR10001
Medium	BELBR10002
Large	BELBR10003
X-Large	BELBR10004
XX-Large	BELBR10005
Red/Black	
Small	BELBR10011
Medium	BELBR10012
Large	BELBR10013
X-Large	BELBR10014
XX-Large	BELBR10015
Grey/Orange	
Small	BELBR10021
Medium	BELBR10022
Large	BELBR10023
X-Large	BELBR10024
XX-Large	BELBR10025

PRO-TX One-Piece Racing Suit NEW!

Constructed from cool, comfortable Aramidic material, suit offers exceptional freedom of movement. Suit includes inset pockets, elastic wrist cuffs, boot-cut ankle cuffs, and an adjustable belt. Meets SFI 3.2A/5 specifications. Offered in black/red, red/black, or grey/orange.

Size	Part No.
Black/Red	
Small	BELBR10031
Medium	BELBR10032
Large	BELBR10033
X-Large	BELBR10034
XX-Large	BELBR10035
Red/Black	
Small	BELBR10041
Medium	BELBR10042
Large	BELBR10043
X-Large	BELBR10044
XX-Large	BELBR10045
Grey/Orange	
Small	BELBR10051
Medium	BELBR10052
Large	BELBR10053
X-Large	BELBR10054
XX-Large	BELBR10055

SPORT-YTX Youth One-Piece Racing Suit NEW!

One-piece driving suit is designed exclusively for youth racers. Suit includes inset pockets, an adjustable belt, elastic wrist cuffs, and boot-cut ankle cuffs. Fire-resistant Nomex suit meets SFI 3.2A/1 specifications. Offered in black only.

Size	Part No.
X-Small	BELBR10121
Small	BELBR10122
Medium	BELBR10123
Large	BELBR10124
X-Large	BELBR10125

ADV-TX Driving Gloves NEW!

Comfortable, form-fitting Nomex gloves include silicone palms to provide a positive grip and elastic cuffs for secure fit. Meets SFI 3.3/5 specifications. Offered in black/red, red/black, or black/orange.

Size	Part No.
Black/Red	
Small	BELBR20001
Medium	BELBR20002
Large	BELBR20003
X-Large	BELBR20004
XX-Large	BELBR20005
Red/Black	
Small	BELBR20011
Medium	BELBR20012
Large	BELBR20013
X-Large	BELBR20014
XX-Large	BELBR20015
Black/Orange	
Small	BELBR20021
Medium	BELBR20022
Large	BELBR20023
X-Large	BELBR20024
XX-Large	BELBR20025

PRO-TX Driving Gloves NEW!

Fire-resistant, double-layer gloves offer exceptional steering wheel feel. Meets SFI 3.3/5 specifications. Offered in black/red, red/black, or black/orange.

Size	Part No.
Black/Red	
Small	BELBR20031
Medium	BELBR20032
Large	BELBR20033
X-Large	BELBR20034
XX-Large	BELBR20035
Red/Black	
Small	BELBR20041
Medium	BELBR20042
Large	BELBR20043
X-Large	BELBR20044
XX-Large	BELBR20045
Black/Orange	
Small	BELBR20051
Medium	BELBR20052
Large	BELBR20053
X-Large	BELBR20054
XX-Large	BELBR20055

SPORT-TX Driving Gloves NEW!

Affordable, double-layer gloves are comfortable and utilize elastic cuffs for a superb fit. Meets SFI 3.3/5 specifications. Offered in black/red or red/black.

Size	Part No.
Black/Red	
Small	BELBR20061
Medium	BELBR20062
Large	BELBR20063
X-Large	BELBR20064
XX-Large	BELBR20065
Red/Black	
Small	BELBR20071
Medium	BELBR20072
Large	BELBR20073
X-Large	BELBR20074
XX-Large	BELBR20075

SPORT-YTX Youth Driving Gloves NEW!

Designed exclusively for young racers, Nomex driving gloves are cool and comfortable. Meets SFI 3.3/5 specifications. Black only.

Size	Part No.
Black	
Small	BELBR20081
Medium	BELBR20082
Large	BELBR20083

SPORT-TX Driving Shoes NEW!

Mid-top shoes offer superior comfort and exceptional pedal feel. Shoes meet SFI 3.3/5 specifications, and feature a suede outer, dual lacing system, and Velcro closures. Offered in youth and adult sizing. Black only.

Size	Part No.
1	BELBR30001
2	BELBR30002
3	BELBR30003
4	BELBR30004
8	BELBR30015
8-1/2	BELBR30016
9	BELBR30017
9-1/2	BELBR30018
10	BELBR30019
10-1/2	BELBR30020
11	BELBR30021
11-1/2	BELBR30022
12	BELBR30023
12-1/2	BELBR30024
13	BELBR30025

PRO-TX Underwear NEW!

Premium-quality, fire-retardant underwear provides an added layer of protection. Breathable fabric inserts are utilized to deliver improved driver cooling and comfort. Meets SFI 3.3/5 specifications. White or black.

Size	White	Black
Tops		
Small	BELBR40001	BELBR40011
Medium	BELBR40002	BELBR40012
Large	BELBR40003	BELBR40013
X-Large	BELBR40004	BELBR40014
XX-Large	BELBR40005	BELBR40015
Bottoms		
Small	BELBR40021	BELBR40031
Medium	BELBR40022	BELBR40032
Large	BELBR40023	BELBR40033
X-Large	BELBR40024	BELBR40034
XX-Large	BELBR40025	BELBR40035

SPORT-TX Underwear NEW!

Affordable SPORT-TX single-layer underwear uses a Nomex and Aramid fiber blend to provide an added layer of protection. Meets SFI 3.3/5 specifications. Offered in white or black.

Size	White	Black
Tops		
Small	BELBR40051	BELBR40061
Medium	BELBR40052	BELBR40062
Large	BELBR40053	BELBR40063
X-Large	BELBR40054	BELBR40064
XX-Large	BELBR40055	BELBR40065
Bottoms		
Small	BELBR40071	BELBR40081
Medium	BELBR40072	BELBR40082
Large	BELBR40073	BELBR40083
X-Large	BELBR40074	BELBR40084
XX-Large	BELBR40075	BELBR40085

Bell Helmets

SPORT-TX Socks NEW!

Cool and comfortable, fire-resistant Nomex socks meet SFI 3.3 specifications. Offered in white or black.

Size	Part No.
White	
Small	BELBR40091
Medium	BELBR40092
Large	BELBR40093
One-Size-Fits-All	BELBR40101
Black	
Small	BELBR40094
Medium	BELBR40095
Large	BELBR40096
One-Size-Fits-All	BELBR40102

SFI-Approved Balaclava NEW!

Single-layer Nomex balaclava with a large eyeport provides critical head and neck protection in the event of a fire. One size fits all. Meets SFI 3.3 specifications. White or black.

Part No.	Color
BELBR40121	White
BELBR40122	Black

PRO-TX Balaclava NEW!

Professional level balaclava is made from a seamless, fire-retardant fabric to provide superior thermal protection. Meets SFI 3.3/5 specifications. White or black.

Size	White
White	
Small/Medium	BELBR40041
Large/X-Large	BELBR40042
Black	
Small/Medium	BELBR40043
Large/X-Large	BELBR40044

Harmonic Dampers

BHJ harmonic dampers protect engine from torsional, axial, and radial crankshaft vibrations. All-steel dampers, with steel outer rings and hub assemblies, are popular for street or racing. "Combo" dampers with steel outer rings and lightweight aluminum crank hubs offer considerable weight savings. ***All dampers except "Economy" units meet SFI 18.1 specifications.***

Part No.	Description	Dia.	Gross Wt.	Balance
BHJCH-IB-221*	SB Chevy "E-Performance"	6.1"	7.2 Lbs.	Internal
BHJCH-IBS-6	SB Chevy	5.7"	5.2 Lbs.	Internal
BHJCH-IBS-6-C	SB Chevy "Combo"/Aluminum Hub	5.7"	3.9 Lbs.	Internal

**** Not SFI-approved.***

AN Wrench Set NEW!

Red anodized billet aluminum.

Part No.	Description
BSP67005	-6AN to -16AN, 5-Piece, Single End
BSP67007	-3AN to -16AN, 7-Piece, Single End
BSP77903	-6AN to -10AN, 3-Piece, Double End
BSP77904	PTFE Hose Spreader, -6AN to -10AN

Aluminum Vise Jaw Inserts

BSP77906 NEW!

Designed to fit a standard 4" vise, these billet aluminum jaw inserts feature special V-cuts to help grip aluminum fittings during assembly to prevent scratches and damage. Powerful magnets hold the inserts in place. Black anodized finish.

Billet Steel Main Bearing Caps

PGESB350CFA

Billet main caps offer increased bottom end strength. Many of the billet caps listed are for converting a two-bolt main block to a more durable four-bolt main.

Part No.	Description
Small Block Chevy 265-350	
PGESB350CFA	350 Flat Bottom Angle Caps for Blocks with 2-or 4-Bolt Register
PGESB350CSA2	350 Splayed Center Caps, 4-Bolt Caps/2-Bolt Blocks
PGESB350CSA4	350 Step Bottom Angle Caps for Small Journal 283-327 with Stock Register
PGESB350F	327-350 (Large Journal) Front Main Bearing Cap, 2-Bolt
PGESB350RSWS	350 Rear Main Cap Support Strap, Wet Sump App.
PGESBFS	283-350 Front Main Cap Support Strap
Small Block Chevy 400	
PGESB400CFA	400 Flat Bottom Angled Caps, 4-Bolt Caps/2-Bolt Blocks
PGESB400CSA	400 Splayed Center Caps, 4-Bolt Caps/2-Bolt Blocks
PGESBFS	400 Front Main Cap Support Strap

BOOSTane OCTANE ENGINEERING

NEW VENDOR

BOOSTane Shot

Concentrated formula is capable of increasing pump fuel by 2-3 octane numbers with just 4 ozs. of product. Street-legal fuel additive is the ideal solution for poor quality fuel and has the ability to unlock lost power. Sold in a 4-oz. bottle, or in cases.

4-oz. Bottle	Case of (10) 4-oz. Bottles	Case of (100) 4-oz. Bottles
B000CT04SH0T1	B000CT04SH0T10	B000CT04SH0T100

BOOSTane Premium

Premium formula, designed specifically for low compression or 2-stroke engines, can increase octane levels up to 100. Fuel additive additionally includes cleaning agents and anti-carbon build up, while providing anti-corrosion against ethanol. Sold in 16-oz. bottle, or in cases.

16-oz. Bottle	Case of (8) 16-oz. Bottles
B000CT16PRE1	B000CT16PRE8

BOOSTane Professional

Formula is engineered to provide professional racers and racing enthusiasts an alternative to costly racing fuel, while providing increased octane up to 116. Engineered for high compression engines, fuel additive also incorporates specialized cleaning agents, anti-carbon build-up, and anti-corrosion against ethanol. Not street legal. Sold in 32-oz. bottle, or in cases.

32-oz. Bottle	Case of (6) 32-oz. Bottles	Case of (20) 32-oz. Bottles
B000CT32PR01	B000CT32PR06	B000CT32PR020

braille BATTERY

No-Weight Racing Batteries

Enhanced Mat Technology and calcium full-frame powerpath grids deliver the highest energy-to-weight levels in the industry. Designed specifically for a racing environment, AGM-style 12-volt batteries use high-density oxide for true deep-cycling and the heavy-duty, vibration-resistant power posts will not crack or deteriorate. Choose from batteries with conventional or advanced, carbon composite/polymer plastic cases. Lightweight aluminum battery mounts are also available.

BRBB106

BRBB3121

Part No.	Weight lbs.	Dimensions (L x W x H)	Pulse Cranking Amps	Cranking Amps @ 32°F	Cold Cranking Amps @ 0°F	Mount
Standard						
BRBB106	6.6	5.8" x 3.4" x 4.1"	527	283	210	BRB1018
BRBB129	9.5	5.8" x 3.4" x 5.1"	813	436	323	BRB1218
BRBB14115	11.5	5.8" x 3.4" x 5.8"	904	486	360	BRB1418
BRBB2015	15	6.8" x 3.4" x 6.1"	1067	574	425	BRB2018
BRBB2317	17	6.8" x 4" x 6.1"	1191	641	475	BRB2318
BRBB2317RP*	17	6.8" x 4" x 6.1"	1191	641	475	BRB2318
Carbon Composite						
BRBB3121	21	6.6" x 5.2" x 6.8"	1380	742	550	BRB3118

**** Battery includes right-side positive terminals, which allows for side-by-side configuration when used with BRBB2317.***

Intensity 12-Volt Lithium Battery

BRBI34X NEW!

Ultra-lightweight lithium upgrade for the popular Group 34 battery offers 1438 PCA, yet weighs just 10.8 lbs. Intensity 12-volt battery provides higher and cleaner voltage, resulting in quicker starting and increased alternator efficiency. Battery additionally offers 3-5 times greater longevity compared to traditional units, and will not self-discharge.

Weight	Dimensions (L x W x H)	Pulse Cranking Amps	Lithium Amp Hour
10.8 lbs.	10.8" x 6.9" x 7.7"	1438	60

Green Lite Lithium Racing Battery

BRBG30

Race-winning lithium ion technology offers tremendous weight savings without compromise. Green Lite 12-volt battery offers 947 pulse cranking amps out of just 6.6 lbs., sufficient cranking power for race cars with minimal electrical demands. Offered in popular U1R Group size. Sold complete with brass terminals.

Part No.	Dimensions (L x W x H)	Pulse Cranking Amps	Amp Hour	Lithium Amp Hour	Reserve Capacity
BRBG30	7.68" x 5.13" x 7.13"	947	13	39	32
BRBG20	7.1" x 2.98" x 6.25"	697	12	36	
BRBG20C*	7.1" x 2.98" x 6.25"	697	12	36	

**** Combo pack includes 6-amp lithium battery charger.***

Electronic Battery Charger

BRB1232

The safe way to extend the life of Braille batteries. In 12-volt version, features three LED indicators for status updates and to help troubleshoot battery problems. Alligator clamps and quick disconnect leads are included.

BRISK® NEW VENDOR

Silver Racing Spark Plugs

Ideal for race engines with hard-to-ignite fuels, high-performance spark plugs utilize a fine wire center electrode made from silver, a metal that is well known as a superior electric and heat conductor. Plugs also include a tapered ground electrode, and high dialectic strength insulator for maximum performance. ***See page 540 for spark plug application chart.***

Iridium Racing Spark Plugs

Engineered for high-output, high-pressure racing engines, Iridium Racing spark plugs feature a 6x harder, 8x stronger, and 1,200°F higher melting point when compared to platinum. An optimized diameter center and cut back ground electrode are additionally employed to provide optimal spark energy. ***See page 540 for spark plug application chart.***

BRODIX.COM®
HEADS • BLOCKS • MANIFOLDS

SB Chevy ASCS Spec Aluminum Engine Block *BRO8012003*

The spec, small block Chevy engine block for the American Sprint Car Series. Block is not only lighter and more cost effective than a lightened cast iron block but may be more easily repaired. Manufactured from A-356 aluminum, block includes a 4.125" bore, 350 (2.450") main bearing sizing, standard 9.025" deck height, and billet steel main caps. Block additionally features a raised cam design, .904" lifter sizing, 55mm cam tunnel, full bellhousing, standard oil pan rails, and is identified with the ASCS logo. Sold complete with sprint rear cam plug. ***Note: Block has an oil feed to the front, lacks the OEM-style oil filter pad, and has no water provisions for an OEM water pump.***

SB Chevy Cast Iron Block *BROSK-BLOCK-SB-CI*

Brodix offers small block Chevrolet compatible cast iron blocks to enhance your racing programs. Proudly made in the USA, these blocks feature premium iron alloy, priority main oiling, a choice of a 4.000" or 4.125" bore size, and numerous other features. These new blocks will offer you another affordable option for your racing needs.

Description
Block Parts Kit (Plugs, Dowel Pins, Restrictors, and Cam Bearings)

SB Chevy Valve Covers Gaskets *BROMG1000*

Fiber gasket for Small Block Chevy. Each.

Exhaust Gaskets *BROMG52464*

Steel core laminate spread port for Small Block Chevy, each.

410 Sprint Car Block *BRO8011000*

Manufactured in the USA from A356 virgin aluminum, lightweight yet rigid block is engineered to endure the rigors and meet the requirements of competitive open wheel racing. Featuring a 4.125" bore, 9.025" deck height and 400 main bearing sizing, block boasts a raised cam location, 55mm roller cam bearing tunnel, billet splayed main caps, relocated .904" dia. lifter bores, front priority oil system and lightened, machined sides. Offered in dry-sump configuration only.

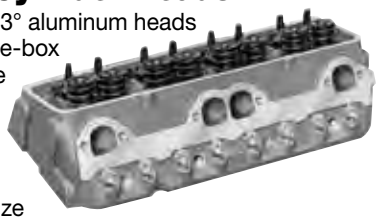
IK Series SB Chevy Cylinder Heads

IK Series 23° cylinder heads combine performance and value. Available in 180cc or 200cc intake port versions with 64cc or 70cc combustion chambers, aluminum heads have phosphorous bronze valve guides, straight spark plugs, ductile iron valve seats, and are compatible with accessory mounting. All heads are sold in pairs, fully assembled or as bare castings. Bare heads require valve job, porting, and valve train components.

Part No.	Description	Intake Runner	Exhaust Pattern	Comb. Chamber	Plug Type	Intake Valve	Exhaust Valve
BR01021000*	Assembled	200cc	Std.	64cc	Straight	2.020"	1.600"
BR01021001†	Assembled	200cc	Std.	64cc	Straight	2.020"	1.600"
BR01021004*	Assembled	180cc	Std.	64cc	Straight	2.020"	1.600"

**** 1.250" dia. valve spring † 1.470" dia. valve spring***

Track 1 SB Chevy Cylinder Heads



Track 1 and CNC Track 1, 23° aluminum heads deliver economical, out-of-the-box horsepower and are available bare or assembled. Assembled heads have blended bowls, matched ports, a performance valve job, 2.08" x 1.60" stainless valves, bronze guides, 7/16" screw-in studs, 5/16" guide plates, 1.550" dia. roller valve springs, and 10° steel retainers, and valve locks. Track 1 STS and KC CNC-ported heads are fitted with titanium retainers. Bare heads require valve job, porting, and valve train components. All heads are sold in pairs.

Part No.	Description	Intake Runner	Exh. Pattern	Comb. Chamber	Plug Type	Int. Valve	Exh. Valve
BR01001001	Assem., Track 1	221cc	Std.	67cc	Angle	2.080"	1.600"
BR01008104	Assem., KC Track 1	227cc	Std.	68cc	Angle	2.080"	1.600"

BUBBA OFF-ROAD • RECOVERY GEAR

A faster, smarter, safer way to get your truck unstuck.®

Power Stretch Recovery Ropes

Amazingly strong yet compact, Power Stretch Recovery Ropes are exceptionally versatile as a tow strap. Each rope is sold with a mesh duffle bag.

Part No.	Description
Lil' Bubba	
BUB176650YWG	1/2" Dia. x 20' Long, 7,400 lbs., Black with Yellow Eye
Renegade	
BUB176655BKG	3/4" Dia. x 20' Long, 19,000 lbs., Camo Green

Mini Gator-Jaw Synthetic Shackle

BUB176744

Stronger than traditional synthetic shackles with a breaking strength of 11,000 lbs., Mini Gator-Jaw uses a specially-designed button knot and self-tightening loop that will not slip off, even under extreme loads. Sold per pair, shackles are vinyl urethane coated for abrasion protection.

The Grabber *BUB251610*

A safer, simpler method of attaching a synthetic winch line to a winch drum. The Grabber is 1" x 3-3/4" and fits all brands of winches.

BUTLERBUILT® Professional Seat Systems™

Sprint Car Drag Link Tether

BUT4900-30

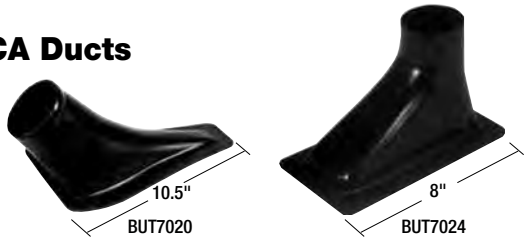
Sprint car tether will retain the drag link during a crash and often prevent costly steering gear damage. 30" long.

Torque Tube Pad

BUTBBP-4813

Lightweight, flame-retardant CarbonX pad offers increased driver protection. Pad attaches to the torque tube using a built-in strap and Velcro closure, protecting the driver's ankles in the event of a crash. May be quickly removed for torque tube service.

NACA Ducts



Part No.	Description
Square Tail Driver Vent	
BUT7019	Clear Post Mount, 10.5" x 6.0" x 4-1/2"
Single Hoses	
BUT7020	Black, 10.5" x 6.0" x 4-1/2"
BUT7021	Clear, 10.5" x 6.0" x 4-1/2"
Small Single Hose	
BUT7023*	Clear, 8.0" x 5.375" x 4.0"
BUT7024*	Black, 8.0" x 5.375" x 4.0"
**** Uses 2-1/2" hose. All others use 3" hose.***	

Torque Ball Shield

BUT4800

Ballistic, multi-layer Kevlar shield is designed to protect the driver's feet and legs from injury during catastrophic driveline failure. Quickly installed or removed, shield mounts to the bellhousing using included brackets and fasteners.

BUTLERBUILT® Professional Seat Systems™

Sprint Advantage Slideways Seat

The integral head-and-shoulder system is compatible with HANS devices and other head and neck restraints. TIG-welded and reinforced, the seats have contoured bottoms, right and left lateral supports, energy-absorbent foam, and fire-retardant, velour seat covers. Seats are suitable for sprint, midget, and micro-midget race cars.

Description	Plain	Flat Black
14-1/2"	—	BUTADV14308-03-4001-FB
15-1/2"	BUTADV15308-03-4001	BUTADV15308-03-4001-FB
16-1/2"	—	BUTADV16308-03-4001-FB
17-1/2"	BUTADV17308-03-4001	BUTADV17308-03-4001-FB

E-Z Series Full Containment 10° Layback Seats

The best value in a full-containment racing seat, lightweight E-Z series aluminum seats combine safety with affordable pricing, ease of mounting and ordering. Seats feature a 10° layback design and utilize a CarbonX covered head support with solid head surround, shoulder support system, velour rib cover, and seat bottom upholstery. Offered in four different sizes, seats are sold complete with black cloth cover.

Part No.	Description
BUTBBP-14311-4001-95	14-1/2" E-Z Series Seat with Cover
BUTBBP-15311-4001-95	15-1/2" E-Z Series Seat with Cover
BUTBBP-16311-4001-95	16-1/2" E-Z Series Seat with Cover
BUTBBP-17311-4001-95	17-1/2" E-Z Series Seat with Cover

E-Z Series 10° Layback Micro Sprint Containment Seat

This TIG-welded aluminum construction seat has an integrated head and shoulder system and is head and neck restraint-compatible while also including lateral support for ribs, pelvis, and thighs. Impact-absorbing foam used throughout. Black fire-retardant three-piece seat cover.

Description	Part No.
14-1/2"	BUTBBP-14335-4001-95
15-1/2"	BUTBBP-15335-4001-95

E-Z Sert Seat Insert *BUTBBP-2072-M*

Increase comfort and support of the lower back, pelvis, and thighs, while decreasing the risk of back injury. E-Z Sert seat insert installs into an existing racing seat and molds to the body shape, allowing for broader and more even distribution of forces in the event of a crash. "Do-it-yourself" package comes complete with instructions and all required materials including CarbonX.

Seat Back Mounts, Belt Mounts, and King Clamps

Mounts provide proper distribution of loads. Offered in .125" thick aluminum or cold rolled steel.

Part No.	Description
BUT2131	Aluminum Seat Back Mount
BUTADV2113-2190	King Clamps

BUT2131

Head and Shoulder Support System *BUTADV22007-4703*

Bolt-on, universal support attaches to virtually any high-back design seat to add critical protection to driver's head and shoulder area.

Single Layer 2" Head Supports

Designed to reduce the risk of head or neck injury in the event of a crash. TIG-welded, .125" thick aluminum supports feature a solid 3/8" aluminum reinforcement rod, impact-absorbing foam, velour fire-retardant cover, and are compatible with all Butler Built seats. Sold with choice of black or blue cover.

Description	Black Cover
RH Head Support	BUT2272-4101

Head, Shoulder, and Leg Supports

Description	Black Cover
RH 6" Head Support	BUT2276-4101
RH Shoulder Support	BUT2371-4101

Sprint Front Axle Tether System

Approved for use by Knoxville Raceway and the WoO (World of Outlaws), front axle tether system adds a measure of safety to open wheel racing in the event of front axle breakage. Clamps install easily to front axle, and tethers are then connected to the front motor mount tube. Kits include (2) billet clamps, (2) tethers, and required hardware. Tether, clamp, and hardware kits are also available separately for replacement purposes, or for spare front axles.

Part No.	Description
BUTBBP-4922-1-A-225	2-1/4" Axle Tether Assembly, Complete Kit
BUTBBP-4922-1-A-238	2-3/8" Axle Tether Assembly, Complete Kit
BUTBBP-4922-1-A-250	2-1/2" Axle Tether Assembly, Complete Kit
Replacement/Accessory Components	
BUTBBP-4922-1-B-225	2-1/4" Axle Tether Assembly, Each
BUTBBP-4922-1-B-250	2-1/2" Axle Tether Assembly, Each
BUTBBP-4921-1-CA-225	2-1/4" Axle Clamp Assembly, Each
BUTBBP-4921-1-CA-238	2-3/8" Axle Clamp Assembly, Each
BUTBBP-4921-1-CA-225-2	2-1/4" Axle Clamp Assemblies, Pair
BUTBBP-4921-1-CA-238-2	2-3/8" Axle Clamp Assemblies, Pair
BUTBBP-4921-1-CA-250-2	2-1/2" Axle Clamp Assemblies, Pair

King Pin Tether Kit

King pin tether from BUTLER*BUILT* is required by World of Outlaws and many other Sprint Car sanctioning bodies and tracks. It hooks to the king pins so that they will remain with the race car in the event of a crash.

Part No.	Description
BUTBBP-4924-1	Fits 50" Front Axles
BUTBBP-4924-1-53	Fits 51"-53" Front Axles
BUTBBP-4925-A2	Cap for Tether

CT-1 Dry Film Lubricant Coated Engine Bearings

Calico Coatings full line of Clevite 77 H-series engine bearings are coated with CT-1, a dry-film lubricant, for improved performance and durability. The coating is a blend of molybdenum disulfide, graphite, and PTFE lubricants that greatly reduces the coefficient of friction and increases load-carrying ability. It also reduces surface temperatures, resists fuel "wash", and protects against corrosion. Please specify bearing sizing (Std., .001", .010", .020", etc.) when ordering. Most rod bearings are narrowed for increased fillet clearance, indicated by an "N" in the suffix. ***Notes: When a "D" suffix is added to the part number, bearings include dowel pin holes, while an "X" suffix indicates bearings with .001" added oil clearance.***

CLCCB663HN

CLCMS909H

CLCCB663HXND

Engine	H Series
Chevy	
1967-02 Small Block 262, 265, 267, 302, 305, 307, 350 (Large Journal)	
H Series	
Rod Bearings	CLCCB663HN
Rod Bearings, 1.888" Honda Sizing	CLCCB1663H
Main Bearings	CLCMS909H
Main Bearings, 283 Crankshaft	CLCMS1110H
HX Series	
Rod Bearings	CLCCB663HXN
Main Bearings	CLCMS909HX
HND Series	
Rod Bearings	CLCCB663HND
HXND Series	
Rod Bearings	CLCCB663HXND
1955-67 Small Block 265, 283, 267, 302, 327 (Small Journal)	
H Series	
Rod Bearings	CLCCB745HN
Main Bearings	CLCMS429H
HX Series	
Rod Bearings	CLCCB745HXN
Main Bearings	CLCMS429HX
1970-80 Small Block 400	
H Series	
Rod Bearings	CLCCB663HN
HX Series	
Rod Bearings	CLCCB663HXN
HND Series	
Rod Bearings	CLCCB663HND
HXND Series	
Rod Bearings	CLCCB663HXND

Skylar Gee

Photo by: Mike Reusche

Magnum 4340 Forged Steel Crankshafts

Lightweight, durable crankshafts are made from ultra-pure AISI 4340 forged steel. Crankshafts feature gun-drilled mains, fully profiled counterweights, and have undergone exclusive Ultra-Case heat treatment. Available for a variety of small block Chevy applications.

Part No.	Application	Stroke	Main	Pin
CALSAX14A-MG	Small Block Chevy 360 ASCS	3.335"	3.500"	2.000"
CALSAG14A-MG	Small Block Chevy	3.500"	2.449"	2.000"
CALSAJ11A-MG	Small Block Chevy	3.750"	2.449"	2.100"
CALSAK21A-MG	Small Block Chevy	3.800"	2.649"	2.100"
CALSAM11A-MG	Small Block Chevy	3.875"	2.449"	2.100"
CALSAO11A-MG	Small Block Chevy	4.000"	2.449"	2.100"
CALSAO21A-MG	Small Block Chevy	4.000"	2.649"	2.100"

Compstar Forged 4340 Steel Crankshafts

Manufactured from premium AISI 4340 steel, Compstar crankshafts are the most durable in their class. Crankshafts are offered in a variety of strokes and journal sizes to suit most cubic inch requirements.

Part No.	Application	Stroke	Main	Pin
CALSAJ113-CS	Small Block Chevy	3.750"	350	2.100"
CALSAM113-CS	Small Block Chevy	3.875"	350	2.100"

Compstar Comet Forged 4340 Steel Crankshafts

Lightweight, durable crankshafts are constructed from 4340 steel and have been triple heat-treated and nitrided. Comet crankshafts feature gun-drilled mains, lightened rods, pendulum-cut counterweights, a star flange, and a .125" journal radius.

Part No.	Application	Stroke	Main	Pin
CALSAJ113-CC	Small Block Chevy	3.750"	350	2.100"

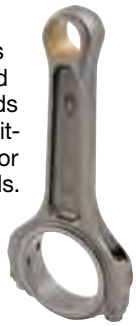
Original Design H-Beam Connecting Rods

Original Design Compstar connecting rods are designed to combine both high quality and affordability. Forged H-beam rods are ready to use, and feature the proper dimensions and clearances for high-performance use right out of the box. Sold in sets of eight.

Part No.	Length	Journal	Weight
Small Block Chevy			
CALCSA5700DS2A2AH	5.700"	2.100"	603g
CALCSA6000DS2A2AH	6.000"	2.100"	612g
CALCSA6125DS2A2AH	6.125"	2.100"	617g
CALCSA6200DS2A2AH	6.200"	2.100"	615g

Ultra I-Beam Connecting Rods

Ultra I-Beam connecting rods are forged from extremely clean Timken steel. Strengthening gussets around the cap screws offer increased durability, and 100% thread engagement eliminates exposed threads between the bolt thread and the shank. All rods are fitted with 260,000 PSI Ultra Bolts with rolled threads for improved engagement and consistent clamping loads. Sold in sets of eight.



Part No.	Application	Length	Journal	Weight
Standard Ultra Series				
CALU14140	Small Block Chevy	6.125"	2.100"	662g

Rod and Piston Holder

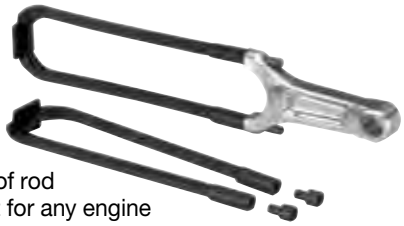
ALL96478

Holder safely supports piston and connecting rod assemblies during engine teardowns or assembly. Slots are 4-3/4" long x 1-1/2" wide to accommodate most combinations. Holder measures 24" x 12" x 9-1/2" tall and can be disassembled for storage.

Rod Guide Tool

ALL96480

Plastic tool slips over 3/8" or 7/16" rod bolts to aid piston installation and eliminate the chance of rod bolts hitting crank. A must for any engine builder's toolbox.



Part No.	Description
ALL96481	Rod Guide Tool Extensions 4-1/2", 1-Pair

SB Chevy Wet Sump Circle Track Oil Pans

Competition Series 6-1/2" Deep

Shallow left turn, 7-quart pan adds ground clearance for cars where the engine is mounted extra low. Includes six trap doors and three runners, slosh baffle, windage tray with crank scraper, oil level check, and temperature fitting.

Part No.	Description
CAN11-102	SB Chevy Pre-1980, LH Dipstick
Oil Pump Pickups	
CAN20-030	Standard-Volume Pumps (MELM55)
CAN20-031*	High-Volume Pumps (MELM55HV)
**** Requires some modifications, instructions included.***	

Competition Series 7" Deep

Eight-quart pans feature six trap doors, three runners, slosh baffles, windage trays with crank scrapers, oil level checks, and temperature fittings.

Part No.	Description
CAN11-120	SB Chevy Pre-1980, LH Dipstick
CAN11-120M	SB Chevy 1980-85, RH Dipstick
Oil Pump Pickups	
CAN20-040	Standard-Volume Pumps (MELM55)
CAN20-070	High-Volume Pumps (MELM55HV)
CAN20-072	High-Volume Pumps with 3/4" Tube (MELM155HV)
CAN20-077	For (MEL10555ST) Pump
CAN20-100	For BB Chevy 5-Bolt Pump (MELM77)

Competition Series 7" Deep Open Chassis

The 7" deep, "L"-shaped sump has competition baffling, six trap doors, bolt-in slosh baffle, windage tray with scraper, and 9-quart capacity.

Part No.	Description
CAN11-180	Steel Pan, SB Chevy 1985 and Earlier
Oil Pump Pickups	
CAN20-040	Standard-Volume Pumps (MELM55)
CAN20-042	Standard-Volume Pumps with 3/4" Tube (MELM155)
CAN20-070	High-Volume Pumps (MELM55HV)
CAN20-072	High-Volume Pumps with 3/4" Tube (MELM155HV)
CAN20-077	For (MEL10555)
CAN20-100	For BB Chevy 5-Bolt Pump (MELM77)

SB Chevy Dry Sump Circle Track Oil Pans

Competition Series Shallow *CAN12-101*

Dry sump, 4-1/2" deep pan permits low engine mounting and includes crankshaft wiper, windage tray screen, and 1/4" deep pick-up trough. Steel pan fits pre-1985 small block Chevy and has (2) -12AN pickup fittings on the right-hand side.

Billet Aluminum Oil Filter Adapters

Chevy Oil Filter Block-Off and Input Adapter *CAN22-520*

Engineered for dry or wet sump oiling system with an external pump. Bolts directly into the stock Chevy V8 bypass mounting holes. Includes O-rings and hardware.

Chevy Oil Input Sandwich Adapters

Simplifies the installation of external oil pumps or Accusumps by eliminating the need for a remote oil filter. Adapter has two oil input ports: one before filtration (for an external oil pump) and one after (for an Accusump).

Part No.	Description
Chevrolet	
CAN22-550	SB Chevy Oil Input Adapter
Replacement Component	
CAN98-002	Replacement O-Ring Kit

Chevy Oil Bypass Eliminator *CAN22-570*

Billet Chevy block-to-filter mount replaces the stock oil filter mount and does not have a bypass, eliminating the possibility of unfiltered oil entering the engine.

Chevy Remote Oil Filter Adapter

Aluminum adapter is ideal for wet sump systems where a remote filter must be used. Inlet and outlet ports are 1/2" NPT.

Part No.	Description
Chevrolet	
CAN22-580	SB and BB Chevy with Straight Inlet and Outlet Ports
Replacement Component	
CAN98-002	Replacement O-Ring Kit

90° Rotating Remote Oil Filter Adapters

The aluminum adapter's 90°, 1/2" NPT inlet and outlet ports can be rotated, simplifying hose and fitting connections. Ideal when unable to use stock filter location.

Part No.	Description
Chevrolet	
CAN22-592	13/16"-16 Thread and 3-1/4" Seal
Replacement Component	
CAN98-004	Replacement O-Ring Kit

Billet Remote Oil Filter Mounts

Rigid billet aluminum remote mounts accept spin-on oil filters. Mounts include two 1/2" NPT inlet and two 1/2" NPT outlet ports and may be plumbed right-to-left or left-to-right.

Part No.	Description
Chevrolet	
CAN22-620	Accepts Chevy Spin-On 13/16"-16 Filters
Ford	
CAN22-625	Accepts Ford Spin-On 3/4"-16 Filters

Oil Pan Accessories

Inspection Plug *CAN20-888*

A 1" NPT bushing and plug that can be welded into a 1-1/2" diameter hole. For use where an inspection plug is required to verify the use of stock connecting rods.

Windage Trays

CAN20-908

Louvered and screen-type, stamped steel trays keep oil off of the rotating assembly and in the sump where it belongs. Available for most applications. Mounting kit must be purchased separately.

Part No.	Description
Windage Trays	
CAN20-908	SB Chevy Pro Plus Louvered Windage Tray
CAN20-911	SB Chevy Full Length Windage Tray Screen, LH Dipstick
Windage Tray Mounting Kits	
CAN20-920	Mounting Kit for CAN20-911
CAN20-921	Mounting Kit for CAN20-908

SB Chevy Crank Pulley Shim Kits

CAN74-900

Compensate for variances in pulleys for perfect belt alignment. Each kit includes aluminum shims in thicknesses of 1/16", 1/8", and 3/16".

Fan Spacers

CAN75-610

Durable spacers are machined from billet aluminum to fit Chevy and Ford water pumps. Fasteners and adapter bushing for 5/8" and 3/4" water pump shafts are included.

Part No.	Description
CAN75-610	1" Fan Spacer
CAN75-615	1-1/2" Fan Spacer
CAN75-620	2" Fan Spacer
CAN75-625	2-1/2" Fan Spacer
CAN75-630	3" Fan Spacer

Competition Series
120 GPH Mechanical Fuel Pump

CARM4891

Lightweight, die-cast aluminum fuel pumps are fitted with heat-treated, high-speed levers, anti-float springs, and flat diaphragms. Clocking feature eases plumbing. Small block Chevy 283-400 fuel pumps offer 7-8.5 PSI and 120 GPH of free flow.

Billet Racing
175 GPH Mechanical Fuel Pump

CARM7900G

CNC-machined three-valve pumps are ideal for high-power race use. Pumps have reinforced diaphragms, heat-treated channeled levers, and large -8AN and -10AN inlet and -8AN outlet fittings. For gasoline only, pumps flow 175 GPH @ 6.5-7.8 PSI.

Part No.	Description
Replacement Components	
CAR156-385	-10AN Inlet Fitting
CAR156-386	-8AN Outlet Fitting

Spark Plugs

Provide spark for a Street Stock Warrior or a 400+ cubic inch Sprint car. Plugs use an exclusive chromium-nickel ground electrode for superior erosion resistance and extended life. The copper core center electrode enhances thermal capacity for peak performance at all engine speeds. ***Please see page 540 for applications.***

Jamie Veal — Photo by: Mike Reusche

Small Block Chevy Wet Sump Oil Pans

Competition Series 7" Deep

Eight-quart (including oil filter) oil pans include six trap doors, three crank scrapers, two runners, oil temperature fittings, and oil check level plugs. CHACP100LT includes the addition of a removable, louvered windage tray while CHACP100KO includes louvered windage tray and a full-length kickout.

Part No.	Description
CHACP100	SB Chevy 1957-85 Oil Pan
CHACP100LT	SB Chevy 1957-85 Oil Pan, with Louvered Windage Tray
CHACP100KO	SB Chevy 1957-85 Oil Pan, with Full-Length Kickout and Louvered Windage Tray
Oil Pump Pickups	
CHA100SB	High-Volume Pump, 5/8" Dia. (MELM55HV)
CHA100BB	High-Volume BB Chevy Pump, 3/4" Dia. (MELM77HV)
CHA1003SB	High-Volume BB Chevy Pump, 3/4" Dia. (MEL10555ST)

Competition Series 8" Deep

Top-of-the-line wet sump pan. Eight-quart (including oil filter) pan incorporates four trap doors, crank scraper, two runners, louvered windage tray, oil temperature fitting, and oil check level plug.

Part No.	Description
CHACP80LT	SB Chevy 1957-85 Oil Pan, with Louvered Windage Tray
Oil Pump Pickups	
CHA80SB	High-Volume Pump, 5/8" Dia. (MELM55HV)
CHA80BB	High-Volume BB Chevy Pump, 3/4" Dia. (MELM77HV)
CHA1004SB	Oil Pump Pickup, (MEL10555)

Competition Series Kickout

Only 6-1/2" deep, pans still have 7-quart capacity (including oil filter) and provide extra ground clearance for asphalt race cars. Kickouts improve oil control and provide increased horsepower while the six trap doors, three crank scrapers, louvered windage tray, oil temperature fitting, and oil level check plug in each pan make them a great bargain. CHACP106KO has a full-length kickout.

Note: Champ Pans will NOT work with a stock-style dipstick in the block. The pans have a block-off on each pan rail for use on either LH or RH blocks so the stock dipstick cannot reach the oil pan. Check the oil level from the supplied oil plug. If an extension is needed, use CHAJR131 dipstick.

Part No.	Description
CHACP106LT	SB Chevy 1957-85 Oil Pan, with Louvered Windage Tray
CHACP106KO	SB Chevy 1957-85 Oil Pan, with Full-Length Kickout and Louvered Windage Tray
Oil Pump Pickup	
CHA106SB	High-Volume Pump, 5/8" Dia. (MELM55HV)

Small Block Chevy Dry Sump Oil Pans

Standard Competition Series

CHACP150R12

Steel 4-1/2" deep pan has two crank scrapers and a removable windage tray that provides maximum oil flow to the pick-up. Pan has two -12AN fittings located on the right side.

Small Block Chevy Pro Series

Steel pans are 5" deep with full-length kickouts. Pans have left-side inspection holes.

Part No.	Description
Dry Sump Pans	
CHACP-PR0150R3A	Asphalt Applications
CHACP-PR0150R3A	Asphalt Applications
CHACP-PR0150R3D	Dirt Applications

Pit Area Floor Mat

CHACP10

Non-flammable, oil- and grease-resistant foam rubber mat provides comfort when working in the pit or on shop floor. 48-1/2" x 32" x 1-1/2" thick.

Mud Cap Rings and Covers

Aluminum mud cap rings and steel expander rings include three quick-fastener springs for removal of mud covers. Beadlock wheels require only the proper mud cap ring and cover, while non-beadlock wheels use an expander ring and cover. Offered for most popular wheels.

Description	Part No.
Mud Covers	
Older Style Beadlock Rings without Tabs	CHAJR1031
New Style Weld Non-Beadlock with Wider Bead Groove	WELP650-4514A-6
Expander Rings	
Older Weld Beadlock Wheels with Small Bead Groove	CHAJR1040
New Style Weld Non-Beadlock with Wider Bead Groove	CHAJR1040-W*

**** Allows use of standard Weld Racing mud cover on non-beadlock wheels without tabs.***

Micro Sprint Racing Oil

Fully synthetic lubricant is specially-formulated to deliver maximum performance to wet-clutch Micro Sprint engines. Premium synthetic base stocks are combined with a robust additive package, resulting in reduced engine and valve train wear, while offering increased resistance to contamination and combustion by-products. Recommended for Micro, Lightning Non-Winged and Winged Outlaw, "A" Class, Jr. Sprint, Stock Non-Winged, Restricted "A" Class, 1200cc Winged and Non-Winged Sprint engines. Sold in 1-qt. bottles or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
20W-50 Micro Sprint Oil	CHO4446H	CHO4446H-12

Racing Oil

Racing Oil includes Champion's proprietary TVS (Thermal Viscosity Stabilizer), special lubricity modifiers, anti-wear additives, and ZDDP. Formula has proven to meet the demands of competition, providing exceptional film strength, while delivering added horsepower. Sold in 1-qt. bottles, cases, or 5-gallon buckets.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles	5-Gallon Bucket
Synthetic Blend Oil			
5W-30	—	CHO4231H-12	—
10W-30	CHO4104H	CHO4104H-12	—
20W-50	CHO4111H	CHO4111H-12	—
Full Synthetic Oil			
0W-30	—	—	CHO4361D
15W-50	CHO4309H	CHO4309H-12	—

Power Shield Break-In Oil

Power Shield delivers a barrier of protection to engine components during break-in. Oil incorporates anti-wear additives and ZDDP to provide superior protection during hard run-in conditions. Sold in 1-qt. bottles, or in cases.

Description	1-qt. Bottle Part No.	Case of (12) 1-qt. Bottles
Power Shield 30W	CHO4270H	CHO4270H-12

Racing Full Synthetic Gear Lubricant

Engineered to withstand the extreme conditions common to racing gearboxes and differentials. Lubricant includes Champion's SLI (Shock Load Inhibitor) chemistry, which has been proven to reduce heat, wear and friction. Sold in 1-qt. bottles or in cases.

Description	1-qt. Bottle Part No.	1 Case (12) 1-qt. Bottles)
75W-90	CHO4312H	CHO4312H-12

Blue Flame Synthetic Blend Diesel Oil

Synthetic blend Blue Flame is engineered to meet the demands of next generation diesel engines. Oil offers increased oxidation resistance, longer drain intervals, reduced volatility and oil consumption. Blue Flame 15W-40 oil additionally delivers improved cold-flow properties and reduced start-up wear. Available Classic Blue Flame formula is purpose built for pre-2007 diesel engines. Sold in cases of (4) 1-gallon jugs.

Description	Case of (4) 1-Gal. Jugs
Blue Flame Synthetic Blend 15W-40	CHO4358N-4
Classic Blue Flame Synthetic Blend 15W-40*	CHO4359N-4

**** Engineered for pre-2007 diesel engines.***

Brake Fluid

Developed for extreme racing conditions where a high dry boiling point is required. Racing DOT 4 brake fluid has proven to perform by top-tier racing teams. Heavy-duty, DOT 3 and DOT 4 are also available. Sold in 12-oz. or 1-qt. bottles, or in cases.

12-oz. Bottle	1-qt. Bottle	Case of (12) 12-oz. Bottles	Case of (12) 1-qt. Bottles
Heavy Duty DOT 3			
CHO4057K	CHO4057H	—	CHO4057H-12
Heavy Duty DOT 4			
CHO4054K	—	CHO4054K-12	—
Racing DOT 4			
CHO4059K	—	CHO4059K-12	—
Racing DOT 5.1			
—	—	CHO4056K-12	—

Power Steering Fluid

Premium quality fluid meets the requirements of major domestic and foreign automobile manufacturers. Sold in 12-oz. or 1-qt. bottles, or in cases.

Description	Part No.
12-oz. Bottle	CHO4182K
1-Quart Bottle	CHO4182H
Case of (12) 1-qt. Bottles	CHO4182H-12

Aerosol Cleaners

Description	1 Aerosol Can	Case of (12) Aerosol Cans
Carburetor Cleaner		
13-oz.	CHO4121KC	CHO4121KC-12
Engine Degreaser		
16-oz.	CHO4123I	CHO4123I-12
Brake Cleaner		
Chlorinated, 19-oz.	CHO4126P	CHO4126P-12
Non-Chlorinated, 15-oz.	CHO4525I	CHO4525I-12

Fuel Stabilizer *CHO4205M*

Dual function fuel additive stabilizes fuel for quicker start-up, while simultaneously cleaning the fuel system for improved efficiency. Product keeps gasoline or diesel fuel fresh, preventing corrosion and varnish build-up for up to a 12-month period. Requires just one ounce per 2-1/2 gallons of fuel. Sold in 8-oz. bottles.

Octane Treatment

Specialized fuel additive offers modest improvements in octane, while improving combustion efficiency. Metal-free formula is safe for catalytic converters and oxygen sensors, and uses dispersants for multi-tank clean-up of port fuel injectors and corrosion inhibition. Sold in 12-oz. bottles or in cases.

12-oz. Bottle	Case of (12) 12-oz. Bottles
CHO4276K	CHO4276K-12

UltraFleet Full Synthetic CK-Series Diesel Oil *CHO4164N*

Full synthetic, 5W-40 CK-4 series diesel oil meets requirements of next generation diesel engines, delivering high TBN retention, increased wear protection, oxidation resistance, longer drain intervals and improved fuel economy. Lubricant meets many of the requirements specified by Cummins, Detroit Diesel, Ford, Cat, and Renault. Sold in 1-gallon jugs.

Sprint Wax

Cleans and shines paint, plastic, chrome, and tires quickly, leaving a high-gloss, low-drag shine. Spray-on wax requires no pre-wash and may be used in direct sunlight. Sold in 12-oz. bottles, or in cases.

12-oz. Bottle	Case of (12) 12-oz. Bottles
CHO4301S	CHO4301S-12

Quick-Release Pins *CCE2045*

Use on any components that must be removed or disconnected quickly. A push button-operated locking ball mechanism provides positive retention.

Diameter	Grip
3/8"	2"

Heavy-Duty Stainless T-Bolt Band Clamps

Made from the highest quality stainless steel with a stainless T-bolt and Nylock lock nut for positive clamping that can't come loose.

Part No.	Diameter
CCE2152	1.25" to 1.37" Clamp
CCE2157	1.56" to 1.70" Clamp

Parker Price Miller — Photo by: Mike Reusche

CT350 350 Cu. In./350 Horsepower Crate Engine *GMP19434604*

A factory-sealed small block Chevy crate engine for circle track use, the 350 CID/350-horsepower assembly is externally balanced and has a 9:1 compression ratio, nodular iron crankshaft, 8-qt. kickout oil pan, hydraulic camshaft, cast iron Vortec cylinder heads, HEI distributor and aluminum dual plane intake manifold. Carburetor, exhaust manifolds, water pump, starter and flywheel/flexplate, not included. ***NOTE: Requires an externally balanced flywheel/flexplate. Distributor with melonized gear must be used with long blocks and partial engines with steel camshafts or engine damage will occur.***

Part No.	Description
Replacement Components	
GMP19154761	Valve Spring Kit, Includes (16) 10212811 Springs and (16) 10241744 Retainers
GMP19201171	Rebuild Gasket Set, Fits 19258602, 88958602, HT383 and 350 HO engines

CT350 SPECIFICATIONS	
Displacement	350 CID
Bore x Stroke	4.000" x 3.480"
Horsepower	350 @ 5,000 RPM
Torque, Ft./Lbs.	390 @ 3,800 RPM
Valve Lift	.435"/.460"
Camshaft Duration	212°/222° @ .050"
Valve Size	1.940"/1.500"
Compression Ratio	9.12:1 Nominal
Recommended Fuel	92 Octane
Maximum Recommended RPM	5,500 RPM

CT400 350 Cu. In./400 Horsepower Crate Engine *GMP19434602*

New and improved, factory-sealed small block Chevy engine is 350 CID and 400 horsepower. Engine is externally balanced, has a forged steel crankshaft, 8-quart dual kickout oil pan, hydraulic roller camshaft, aluminum "fast burn" cylinder head with "beehive" valve springs and aluminum roller rocker arms, 9.7:1 compression ratio, and a high-rise intake manifold. Carburetor, starter, ignition, plug wires, water pump, distributor, and exhaust not included. ***NOTE: Requires an externally balanced flywheel/flexplate. Distributor with melonized gear must be used with long blocks and partial engines with steel camshafts or engine damage will occur.***

Part No.	Description
Replacement Components	
GMP12551313	Exhaust Valve, 1.550", Each
GMP12555331	Intake Valve, 2.000", Each
GMP19201172	Rebuild Gasket Set, Fits 19318604, 88958604, ZZ383, ZZ5 and Fast Burn 385 Engines
GMP19301706	Engine Balancer

CT350 SPECIFICATIONS	
Displacement	350 CID
Bore x Stroke	4.000" x 3.480"
Horsepower	400 @ 5,500 RPM
Torque, Ft./Lbs.	400 @ 4,500 RPM
Valve Lift	.474"
Camshaft Duration	208°/221° @ .050"
Valve Size	2.000"/1.550"
Compression Ratio	9.72:1 Nominal
Recommended Fuel	92 Octane
Maximum Recommended RPM	5,800 RPM

SB Chevy Cast Iron Vortec Cylinder Head *GMP12691728*

Completely assembled, cast iron cylinder head has high-velocity ports and fast-burn combustion chambers for significant horsepower and torque increases. Outfitted with 1.94" intake and 1.50" exhaust valves, 3/8" rocker studs, springs, seals, and locks. Vortec style intake manifold is required. Sold individually. ***NOTE: The valve guide bosses must be machined when using a camshaft with over .475" lift. Valve seats may be re-machined to accept 2.02" intake and 1.60" exhaust valves.***

Valve Spring Kit for "602" Crate Engine *GMP19154761*

Valve spring kit is designed for use on GM Performance Parts CT350/350 ("602") or 350 HO engines. Kit includes (16) GMP10212811 valve springs. Springs are 11/4" O.D., have 80 lbs. of seat pressure at 1.700" installed height, and a rate of 256 lbs.

SB Chevy Cylinder Head Bolt Kit *GMP12495499*

Engineered for use with iron or aluminum small block cylinder heads, kit includes (14) 10168525, (4) 10168526, (16) 10168527, and thread sealant.

SB Chevy Distributor Hold-Down Clamp *GMP19433111*

Rigid clamp secures the distributor on all small block Chevys 265-400.

Retainers and Keepers

Part No.	Description	Application
GMP10241744	Retainers, Set of 16	"602" Crate, 350 HO, 350 Ram Jet, HT383
GMP19171528	Lightweight Retainers, Set of 16	"604" Crate, ZZ4, Fast Burn, LT4, Vortec Bowtie
GMP19169661	Heavy-Duty Retainers, Set of 16	Fast Burn, Vortec Bowtie
GMP12495503	Valve Spring Keepers, Set of 16 Pair	11/32" Valve Stems, "602"/"604" Crate Engines

Valves for CT350/400

Stock replacement valves are engineered for use in popular CT350/400 engines. Sold each.

Part No.	Description
GMP12551313	Exhaust Valve, 1.550", Each
GMP12555331	Intake Valve, 2.000", Each

SB Chevy Pushrods for "604" Crate Engine

GMP12371041

Heavy-duty 1010 steel 5/16" diameter pushrods are designed for use in "604" hydraulic roller crate engines without guide plates. Pushrods are .060" wall x 7.122" long, and sold in sets of 16.

SB Chevy Aluminum Roller Rocker Arms

GMP19432298

Increase valve train durability in small block Chevy engines including "604" crate engines. Rocker arms include 1.5:1 ratio and are designed for use with 3/8" studs. Sold in set of 16.

Clear One C1 Racing Products

Trailer Accessories

Affordable equipment for any race car trailer, Clear One components are built from impact-resistant plastic with attractive black textured finishes. Mounting hardware is included with all products.

Small Door Cabinet CLRTC138

Compact, lightweight cabinet has two shelves for aerosol cans or similar size items and a single paper towel holder. Measures 12"W x 23.3"H x 4.8"D.

Door/Wall Cabinet with Paper Towel Holder CLRTC156

Large cabinet has three shelves for aerosol cans and similar size items, and a two-roll paper towel holder. Measures 23"W x 37"H x 4-1/2"D.

Helmet Bays

Bays include foam-lined storage area for helmet, and an apparel hook. Deluxe unit includes a shelf for neck collar, gloves, etc.

Part No.	Description
CLRTC116	Helmet Bay, 15"W x 13"H x 13"D
CLRTC151	Deluxe Helmet Bay, 15-1/2"W x 14"H x 13"D

Tie-Down Hanger CLRTC100

Stores up to six tie-downs. Measures 12" wide x 3" high x 3" deep.

"D" Cell Flashlight Holder CLRTC102

Holds various "D" cell flashlights. Measures 3-1/2"W x 7"Hx 4"D.

Universal Cord/Hose Hanger CLRTC115

Rigid hanger stores electrical cords and air hoses. Measures 4-1/2"W x 5"H x 4"D.

Funnel Holder CLRTC134

Stores triangular funnels out of the way. Measures 17"W x 3"H x 11"D.

Collapsible Chair Rack CLRTC128

Rack secures up to three collapsible chairs. Measures 21-1/2"W x 4"H x 6-1/2"D.

Paper Towel Rack CLRTC141

Compact towel rack may be mounted horizontally or vertically. Measures 11-1/2"W x 4-1/2"H x 5"D.

Hybrid Pro HNR Holder CLRTC262 NEW!

Safely store head-and-neck restraints out of harm's way. Attaches easily to trailer or garage wall. 13"H x 11"W x 5"D.

Clear One Racing Products

Canopy Straps *CLRTC130*

Wall-mount, 2" wide adjustable straps hold 10' x 10' or 10' x 20' pit canopies during transport. 11-1/2"W x 4-1/2"H x 1"D.

Jack Pouch *CLRTC132*

Designed to be wall-mounted, unit secures aluminum race jacks up and out of the way. Measures 18"W x 25-1/2"H x 5-1/2"D.

Tire Gauge Pouch *CLRTC144*

Stores tire gauges up to 3-1/4"W and 1-3/4"D. Measures 3.3"W x 3-1/2"H x 2"D.

Gauge is not included

Fuel Jug Racks

Secures round or square fuel jugs in trailer. Offered in 1-, 2-, 3-, or 4-bay versions.

Part No.	Description
CLRTC108	1-Bay, 12"W x 11"H x 12"D
CLRTC109	2-Bay, 24"W x 11"H x 12"D
CLRTC110	3-Bay, 36"W x 11"H x 12"D
CLRTC111	4-Bay, 48"W x 11"H x 12"D

Aerosol Can Shelves

Cans are not included

Lightweight, single-shelf units keep aerosol cans handy and organized. Offered in two sizes.

Part No.	Description
CLRTC117	8-Can Aerosol Can Shelf, 22"W x 4-1/2"H x 3-1/2"D
CLRTC118	12-Can Aerosol Can Shelf, 33"W x 4-1/2"H x 3-1/2"D

Oil Quart Racks

Quarts are not included

Floor mounted racks store oil neatly. Offered in two sizes.

Part No.	Description
CLRTC119	6-Quart Oil Rack, 16"W x 5-1/2"H x 5"D
CLRTC120	12-Quart Oil Rack, 30-1/2"W x 5-1/2"H x 5"D

Jack Pads *CLRTC147*

Non-skid, 20,000-pound capacity pads may be used for trailer tongue jacks, RV leveling jacks, etc. A nylon rope handle is included.

Part No.	Description
CLRTC146	Single
CLRTC147	Pair

Shatterproof Mirror *CLRTC145*

High-impact, 9"W x 12"H x 1/8" thick plastic mirror mounts to front of trailer in a position to allow viewing the coupler from the rear view mirror of the tow vehicle.

Vinyl Door Strips *CLRTC159*

Clear vinyl door strips keep dirt and dust out and keep air conditioned trailers cool with the door open. Fits 4' x 7' door opening. All installation hardware is included.

CLEVITE®

"V" Series Rod Bearings

"V" Series - Based on the Vandervell design, cast copper-lead bearing with a steel back provides the strongest foundation available. The lead-indium overlay offers high fatigue strength, durability, lubricity, and conformability. Bearing numbers that include an **"N"** suffix are narrowed for greater fillet clearance. Bearing numbers with an **"X"** indicate bearings with .001" added oil clearance.

Engine	V Series	VN Series	VXN Series
Chevy			
1967-02 Small Block 262, 265, 267, 302, 305, 307, 350 Large Journal			
Rod Bearings	—	M77CB663VN	M77CB663VXN
1955-67 Small Block 265, 283, 302, 327 Small Journal			
Rod Bearings	—	M77CB745VN	—
1970-80 Small Block 400			
Rod Bearings	—	M77CB663VN	M77CB663VXN

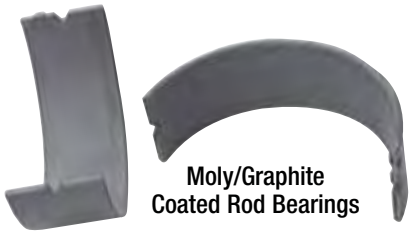
Camshaft Bearings

Part No.	Description
1964-02 Small Block	
M77SH1349S	283-400, HD Engine
M77SH290S	283-327
1955-63 Small Block	
M77SH287S	265-327

Jake Swanson

Photo by: Mike Reusche

Performance Engine Bearings



Moly/Graphite Coated Rod Bearings

Clevite 77 manufactures a full line of exclusive TriMetal™ copper-lead high-performance bearings. Choose the bearing series which best suits the intended application. Please specify size (Standard, .001", .010", .020", etc.) when ordering.

"P" Series - Traditional Clevite 77 TriMetal™ bearings have high crush qualities for maximum bearing retention, high eccentricity to account for bore distortion, and reduced overlay thickness to prevent fatigue.

"H/HN" Series - Race engine builders prefer their lack of flash plating, medium levels of eccentricity, enlarged chamfers for additional crankshaft fillet clearance, and high crush. When a **"D"** is added to the part number suffix, bearings include dowel pin holes; an **"X"** suffix indicates bearings with .001" added oil clearance, while a **"C"** is an exclusive TriArmor™ technology with moly/graphite, high pressure, high load, dry film treatment for engine bearings, providing additional protection across a broad range of operating temperatures. ***Note: "HN" series are only available as rod bearings and are engineered to provide increased crankshaft fillet clearance that is required by most aftermarket crankshafts.***

Engine	P Series	HN Series	HND Series	HNDC Series	HNC Series	HXN Series	HXND Series	HXNDC Series	HXNC Series
Chevy									
1967-02 Small Block 262, 265, 267, 302, 305, 307, 350 Lg. Journal									
Rod Bearings	M77CB663P	M77CB663HN	M77CB663HND	—	—	M77CB663HXN	M77CB663HXND	—	—
Rod Bearings, 1.888" Honda Sizing	—	M77CB1663H	—	—	M77CB1663HC	—	—	—	M77CB1663HXC
Main Bearings	M77MS909P	M77MS909H	—	—	—	M77MS909HX	—	—	M77MS909HXC
Main Bearings, 283 Crankshaft	—	M77MS1110H	—	—	—	—	—	—	—
1955-67 Small Block 265, 283, 302, 327 Sm. Journal									
Rod Bearings	M77CB745P	M77CB745HN	M77CB745HND	M77CB745HNDC	M77CB745HNC	M77CB745HXN	—	—	M77CB745HXNC
Main Bearings	M77MS429P	M77MS429H	—	—	—	M77MS429HX	—	—	—
1970-80 Small Block 400									
Rod Bearings	M77CB663P	M77CB663HN	M77CB663HND	M77CB663HNDC	M77CB663HNC	M77CB663HXN	M77CB663HXND	M77CB663HXNDC	M77CB663HXNC
Main Bearings, 400 Block/ 400 Crank	M77MS1038P	M77MS1038H	—	—	M77MS1038HC	M77MS1038HX	—	—	M77MS1038HXC
Main Bearings, 400 Block/ 350 Crank	M77MS1564P	—	—	—	—	—	—	—	—

Hex-A-Just® True® Roller Timing Chain Sets

Make quick and precise cam timing changes with no troublesome offset bushings or keyways. Torrington thrust bearings reduce friction between the block and cam sprocket. Most sets are offered with .005" or .010" reduced center distance.

Description	Part No.
Standard	
SB Chevy, 1955-Up 265-400	CL09-3100A
SB Chevy 1955-Up 265-400 with BB Chevy Crank Snout	CL09-3100B
SB Chevy, 1985-Up 305-350	CL09-3145A
SB Chevy "Rocket" Block	CL09-3146A
-.005"	
SB Chevy, 1955-Up 265-400	CL09-3100A-5
-.010"	
SB Chevy, 1955-Up 265-400	CL09-3100A-10

Replacement Hex-A-Just® Bushing

CLOP9005

Hex-A-Just True Roller Timing Chain Sets with "Z" Chain

Engineered for extreme racing conditions, Hex-A-Just True Roller timing sets include the addition of the exclusive, double-roller "Z" chain that incorporates proprietary, heat-treat processing for 33% more strength compared to existing chains. Selected sets are offered with standard or .005" reduced center distance.

Part No.	Description
CL09-3100AZ	SB Chevy, 1955-Up 265-400
CL09-3146BZ	SB Chevy "Rocket" Block, BB Chevy Snout
CL09-130Z	Replacement Timing Chain for CL09-3100AZ

Billet True® Roller Timing Chain Sets

Sets have heat-treated steel billet cam sprockets, nine keyway crank sprockets for easy cam degreeing, and a seamless, True roller chain.

Part No.	Description
CL09-3500TX9	SB Chevy, 1955-Up 265-400 with Torrington Bearing
CL09-3600TX9	SB Chevy, Race Billet with Torrington Bearing, 9 Keyway
CL09-3600TX9-10	SB Chevy, Race Billet with Torrington Bearing, 9 Keyway, .010" Reduced
CL09-3545X9	SB Chevy, 1985-Up 305-350

SB Chevy Quick Adjust® True® Roller Timing Chain Sets

CLO9-3100A

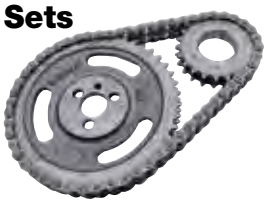
Sets feature the patented Quick Adjust system, which allows valve timing adjustments without having to unload the valvetrain. Perform critical valve timing changes at the track to maximize performance or compensate for changing track or weather conditions. Timing sets also include billet steel, induction heat-treated sprockets and an IWIS true roller timing chain with large, 1/4" diameter rollers for maximum durability and performance. For 1955-Up 265-400 engines.

Original True® Roller Timing Chain Sets

Chains have oversize 1/4" diameter rollers that actually spin as they enter and exit the sprocket teeth, dynamically balanced cast iron or ductile iron cam sprockets and heat-treated, multiple keyway crank sprockets.

Description	Standard	-.005"	-.010"
SB Chevy			
1955-Up 265-400	CLO9-3100	CLO9-3100-5	CLO9-3100-10
1985-Up 305-350	CLO9-3145	CLO9-3145-5	—

Heavy-Duty Timing Chain Sets



Cloyes heavy-duty timing chain sets include roller chains with .200" diameter rollers, high-quality cast iron cam sprockets, and heat-treated, carbon steel crank sprockets. Part numbers with an "X" have three keyways in the crank sprocket.

Part No.	Description
CLOC-3023SP	SB Chevy, 1955-Up 265-400, 1 Keyway
CLOC-3023XSP	SB Chevy, 1955-Up 265-400, 3 Keyways

Replacement Roller Timing Chains

Ideal when replacing the timing chain from an existing Cloyes timing set.

Description	Quick Adjust	Hex-A-Just	Original True
SB Chevy, 1955-Up	CLO9-130	CLO9-130	CLO9-130
SB Chevy "Rocket" Block	CLO9-131	CLO9-131	CLO9-131

Quick Button™ Two-Piece Timing Covers

Two-piece covers allow adjusting of cam timing or end play without removing the entire timing cover, oil pan, and damper. Die-cast aluminum cover is fitted with an O-ring seal which eliminates gaskets or sealants.

Part No.	Description
CLO9-221	SB Chevy, 1955-Up 265-400
CLO9-226	SB Chevy, "Rocket" Block

SB Chevy Cam Buttons

Cam buttons are used to control camshaft end play, preventing "walking". Billet steel buttons include Torrington bearings for superb performance and reliability.

Part No.	Description
CLO9-200	.925" Long for Old Style 3-Spoke Timing Covers
CLO9-202	.640" Long for Newer Style Timing Covers

SB Chevy Thrust Bearing

CLO9-220

.150" Thick, replacement for quick adjust, hex-a-just, original true and billet true timing sets.

Pro-Lite Quick Change Gears

Pro-Lite 10-spline gears are suitable to dirt or asphalt racing. Manufactured from 8620 heat-treated steel, gears are designed to reduce friction and temperature, resulting in increased horsepower to the rear wheels. Sold per set, complete with spacers to properly align gears.

	4.11 Ratio		4.86 Ratio	
Part No.	Low	High	Low	High
COL207-1	4.11	4.11	4.86	4.86
COL207-3	2.89	5.84	3.41	6.91
COL207-4	3.18	5.32	3.75	6.29
COL207-4C	3.22	5.25	3.80	6.21
COL207-7C	3.59	4.70	4.25	5.56
COL207-8	3.48	4.85	4.11	5.74
COL207-8C	3.50	4.83	4.14	5.70
COL207-9	3.39	4.97	4.01	5.89
COL207-10	3.04	4.56	3.59	6.58
COL207-11	3.36	5.03	3.97	5.94
COL207-13	3.28	5.14	3.89	6.07
COL207-14	2.95	5.72	3.50	6.76
COL207-14C	2.93	5.76	3.47	6.80
COL207-16	3.08	5.48	3.65	6.48
COL207-17	3.56	4.74	4.21	5.60

	4.11 Ratio		4.86 Ratio	
Part No.	Low	High	Low	High
COL207-18	3.26	5.18	3.85	6.13
COL207-20	3.16	5.34	3.74	6.32
COL207-21C	2.68	6.30	3.17	7.45
COL207-22	3.13	5.40	3.70	6.38
COL207-23	2.74	6.16	3.24	7.28
COL207-26	3.83	4.41	4.52	5.23
COL207-27	2.66	6.35	3.15	7.52
COL207-28	2.60	6.49	3.08	7.68
COL207-29	2.57	6.58	3.04	7.77
COL207-32	2.89	5.84	3.41	6.91
COL207-32C	2.86	5.91	3.38	6.98
COL207-34	2.98	5.65	3.54	6.68
COL207-35	2.91	5.80	3.44	6.86
COL207-43	2.63	6.42	3.11	7.59

SB Chevy 1:1 Aluminum Pulleys

Double-groove billet aluminum pulleys are hard coat anodized for durability and sized to deliver a 1:1 drive ratio.

Part No.	Description
COLDS-364	5-7/8" Dia. Crank Pulley
COLDS-364-2L	5-7/8" Dia. Crank Pulley, Corvette Pump
COLDS-364-B	Crank Pulley Alignment Boss
COLDS-380-3	5-7/8" Dia. Water Pump Pulley, 3/4" Pilot

"Rod Ruler" *COL21790*

Quickly measure tie rods, trailing arms, third links, etc. fitted with rod ends. Compatible with 5/16", 3/8", 7/16", 1/2", 5/8", and 3/4" rod ends, linkages up to 36" long, or torque absorbers with up to 5-1/2" diameter springs.

Aluminum Clamp-On Accessory Mounts

COL900-400

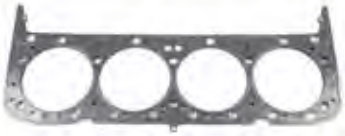
Accessory mounts clamp to roll bar or chassis tubing for quick mounting of mirrors, helmet hooks, etc. Brackets feature a 1/4"-20 tapped hole.

Part No.	Description
COL900-400	1-1/4"
COL900-401	1-1/2"
COL900-403	A1-3/4"

Rear View Mirror with Mounting Bracket *COL7328*

Large 5" diameter, flat-face mirror gives optimal side and rear vision. Can also be used on carts and ATV pushers.

MLS (Multi-Layer Steel) Head Gaskets



Cometic's MLS head gaskets have three layers of stainless steel for strength, rebound ability, and resistance to corrosion. Outer layers are embossed with a fluoroelastomer rubber-based material (Viton) to withstand heat and harsh sealing environments. MLS gaskets are available in many different thicknesses. One per package.

Part No.	Description	Bore	Thk.
Chevy Small Block (Including SB2 And Gen. III LS1)			
CAGC5245-030	Cast Iron or Aluminum Heads, Dart	4.060"	.030"
CAGC5245-036	Cast Iron or Aluminum Heads, Dart	4.060"	.036"
CAGC5245-040	Cast Iron or Aluminum Heads, Dart	4.060"	.040"
CAGC5245-051	Cast Iron or Aluminum Heads, Dart	4.060"	.051"
CAGC5246-027	Cast Iron or Aluminum Heads, Dart	4.100"	.027"
CAGC5246-030	Cast Iron or Aluminum Heads, Dart	4.100"	.030"
CAGC5246-036	Cast Iron or Aluminum Heads, Dart	4.100"	.036"
CAGC5246-040	Cast Iron or Aluminum Heads, Dart	4.100"	.040"
CAGC5246-060	Cast Iron or Aluminum Heads, Dart	4.100"	.060"
CAGC5246-080	Cast Iron or Aluminum Heads, Dart	4.100"	.080"
CAGC5247-027	Cast Iron or Aluminum Heads, Dart	4.125"	.027"
CAGC5247-030	Cast Iron or Aluminum Heads, Dart	4.125"	.030"
CAGC5247-040	Cast Iron or Aluminum Heads, Dart	4.125"	.040"
CAGC5247-060	Cast Iron or Aluminum Heads, Dart	4.125"	.060"
CAGC5248-027	Cast Iron or Aluminum Heads, Dart	4.165"	.027"
CAGC5248-030	Cast Iron or Aluminum Heads, Dart	4.165"	.030"
CAGC5248-040	Cast Iron or Aluminum Heads, Dart	4.165"	.040"
CAGC5248-051	Cast Iron or Aluminum Heads, Dart	4.165"	.051"
CAGC5248-066	Cast Iron or Aluminum Heads, Dart	4.165"	.066"
CAGC5249-030	Cast Iron or Aluminum Heads, Dart	4.200"	.030"
CAGC5249-040	Cast Iron or Aluminum Heads, Dart	4.200"	.040"
CAGC5249-045	Cast Iron or Aluminum Heads, Dart	4.200"	.045"
CAGC5249-051	Cast Iron or Aluminum Heads, Dart	4.200"	.051"
CAGC5399-040	All Other SB Brodix Heads	4.030"	.040"
CAGC5400-040	All Other SB Brodix Heads	4.125"	.040"
CAGC5401-040	All Other SB Brodix Heads	4.135"	.040"
CAGC5402-040	All Other SB Brodix Heads	4.160"	.040"
CAGC5402-051	All Other SB Brodix Heads	4.160"	.051"
CAGC5403-040	All Other SB Brodix Heads	4.200"	.040"
CAGC5403-051	All Other SB Brodix Heads	4.200"	.051"
CAGC5407-040	SB BD2000 Brodix	4.160"	.040"
CAGC5408-040	SB BD2000 Brodix	4.200"	.040"

Exhaust Gaskets

Gaskets are "Armor Clad" and ideal for applications that need to withstand temps up to 2,000°F. They retain torque and compress to seal less-than-perfect sealing surfaces. Sold Individually.

Part No.	Description
CAGC5420	Brodix BD2000
CAGC5422-064	Brodix GB2000
CAGEX1256064AM	Brodix ASCS
CAGEX314064AM	All Pro 286

MLS (Multi-Layer Steel) Exhaust Manifold Gaskets

Durable MLS exhaust manifold gaskets will not push out or burn through and will maintain a torque setting, eliminating retightening. Fully compatible with different combinations of cylinder head and exhaust manifold/header materials. All gaskets listed are .030" thick. Sold in pairs.

Part No.	Description	Port Size
CAGC5039-030	SB Chevy 262-400, Brodix/Dart 13°	N.A.
CAGC5891-030	SB Chevy 262-400	1.500" Dia. Round Port
CAGC5892-030	SB Chevy 262-400	1.450" x 1.480"

Rear Main Seals

CAGC5379

Part No.	Description
CAGC5379	SB Chevy, 2-Piece
CAGC5680	SB Chevy, 2-Piece Viton
CAGC5681	SB Chevy 400, Aluminum/Align Honed Block

Miscellaneous Gaskets

Part No.	Description
CAGC5261-031	SB Chevy Timing Cover Gasket, .031" Thick
CAGC5299-018	SB Chevy Water Pump Gaskets, .018" Thick
CAGC5530	SB Chevy Timing Cover Seal and Gasket Kit
CAGEX314064AM	SB Chevy Exhaust Gaskets, All Pro "286" Heads

SBC Oil Pan Gaskets

Part No.	Description
CAGC5294	For 1980-85 RH Dipstick
CAGC5295-094	For 1955-79 LH Dipstick

Race XD Bushed Solid Roller Lifters

COM99904-16

Engineered for the most extreme applications, Race XD have proven to be the strongest, most durable bushed roller lifters currently available. An innovative oiling system delivers consistent roller wheel and axle lubrication, and the REM-finished bodies reduce lifter body and lifter bore wear. The modular design utilizes interchangeable pushrod seats allowing lifters with centered seats to be interchanged with optional offset seats if desired. Sold in sets of 16.

Lifter Dia.	Pushrod Seat Location	Seat Height
SB Chevy Lifters		
.904"	Centered	.188"

Sportsman Solid Roller Lifters

Lightweight, premium Sportsman solid roller lifters use two pressurized EDM oil feeds to the axle and a single edge orifice feed to the wheel for improved oiling and reliability. Manufactured from quality 8620 steel for maximum durability and resistance to wear, lifters are internally machined for reduced weight. Tall body design allows usage in standard or .300" tall lifter bores. Choose from traditional needle bearing axle/wheel design or bronze bushing axle/wheel configuration. Sold in sets of 16.

Dia.	Pushrod Seat Location	Needle Bearing	Bushing
Small Block Chevy			
.842"	All Centered	COM96818-16	COM96818B-16
.842"	(4) Pairs: Centered & .160" Left (4) Pairs: Centered & .160" Right	COM96894-16	COM96894B-16

Endure-X Solid Roller Lifters

Upgraded for even greater durability, Endure-X lifters feature EDM oil injection technology, which provides a constant flow of pressurized oil to the bearing assembly, preventing the possibility of oil starvation. Lifters also incorporate removable, captured link bars, precision-sorted bearings and wear-resistant, tool steel axles. Sold in sets of 16.

Part No.	Description	Lifter Dia.	Pushrod Seat Location	Set Includes Lifters	Link Bars
SB Chevy 265-400					
COM818-16	1955-86 Straight-Up Style	.842"	All Centered	(16) 818-1	(8) 818-L
COM871-16	Full Body Of 873-16, .300" Taller Body	.842"	All Centered	(16) 871-1	(8) 818-L
COM873-16	1987-Up, Bowtie/Alum. Blocks, .300" Taller	.842"	All Centered	(16) 873-1	(8) 818-L
COM891-16	Small Base Circle Cam Applications	.842"	All Centered	(16) 891-1	(8) 818-L
COM894-16	Offset Intake for More Pushrod Clearance	.842"	(8) Centered (4) Rights (4) Lefts	(8) 894C-1 (4) 894R-1 (4) 894L-1	(8) 818-L

Hi-Tech 210° Radius Pushrods

Include same features as traditional High Energy pushrods, but include a 210° rather than 180° radius, often required for high-lift applications. Sold in sets of 16.

Part No.	Description
COM7732-16	SB Chevy +.100", 7.900" Long
COM7734-16	SB Chevy +.200", 8.000" Long
COM7735-16	SB Chevy +1/4", 8.050" Long

Magnum Pushrods

One-piece, .080" wall chrome moly steel pushrods are engineered to stand up to the high spring pressures and stresses of oval track racing. Sold in sets of 16.

Part No.	Dia./Wall Thk.	Description	Length
SB Chevy 265-400			
COM7372-16	5/16"/.080"	Stock Length, Hardened	7.800"
COM7693-16	5/16"/.080"	+.100", Hardened	7.900"
COM7694-16	5/16"/.080"	+.150", Hardened	7.950"
COM7695-16	5/16"/.080"	+.200", Hardened	8.000"
COM7472-16	5/16"/.080"	+.350", Hardened	8.150"

Hi-Tech Pushrods

One-piece ball-type pushrods in 5/16" or 3/8" wall, seamless 4130 chrome moly are heat-treated to a hardness of 60 (Rockwell "C") and black oxide-finished for strength and durability. Pushrods are available in 5/16" dia./.080" wall, 5/16" dia./.105" wall, 3/8" dia./.080" wall and 3/8" dia./.135" wall. Length is etched on each pushrod. Sold in sets of 16 (-16 suffix), but may be ordered individually (-1 suffix).

Description	Length	5/16" Dia./ .080" Wall	5/16" Dia./ .105" Wall	3/8" Dia./ .080" Wall	3/8" Dia./ .135" Wall
Small Block Chevy					
–.100" Short	7.700"	COM7963-16	COM8409-16	—	—
–.050" Short	7.750"	COM7970-16	—	—	—
Std. Length	7.800"	COM7972-16	COM8411-16	COM7913-16	COM8460-16
+.050" Long	7.850"	COM7974-16	COM8412-16	COM7980-16	COM8476-16
+.100" Long	7.900"	COM7993-16	COM8413-16	COM7984-16	COM8473-16
+.150" Long	7.950"	COM7994-16	COM8414-16	COM7981-1	COM8474-16
+.200" Long	8.000"	COM7995-16	COM8415-16	COM7983-16	COM8475-16
+1/4" Long	8.050"	COM7996-16	—	COM7985-16	COM8477-1
+.300" Long	8.100"	COM7997-16	COM8417-1	COM7986-16	COM8478-1

Pushrod Length Checker *COM7901-1*

Determine correct pushrod length quickly and easily when building race engines. Made from a thin-wall 5/16" pushrod that is cut and threaded. Checker has 5/16" ball on each end and extends from 7.5" to 8.7".

Pushrod Guide Plates

A must for the high lift and spring pressure of performance engines, guide plates are designed using a stereolithographic process for ultimate fit. Exact stud placement and rounded contact points are two outstanding features of the black-oxidized guide plates. Sold in sets of 8.

Part No.	Description	Type	Pushrod Size
COM4800-8	SB Chevy 265-400	Raised	5/16"
COM4808-8	SB Chevy 265-400	Flat	5/16"
COM4810-8	SB Chevy 265-400	Flat	3/8"

Adjustable Pushrod Guide Plates

Often required when cylinder heads have relocated intake ports, guide plates may be welded after final adjustments. Sold in sets of eight.

Part No.	Description	Type	Pushrod Size	Stud Dia.
COM4835-8	SB Chevy/SB Ford, 2-Pc.	Flat	5/16"	7/16"
COM4839-8	SB Chevy 265-400	Flat	3/8"	7/16"

Rocker Arm Studs

Choose from three series of rocker studs. High Energy and Magnum rocker studs work well with moderate valve lift and spring pressures. The Hi-Tech Race studs are ideal for high-RPM roller cam-equipped race cars. Sold in sets of 16.

Part No.	Base Thread Size	Base Thread Length	Stud Size	Stud Length
High Energy Studs				
COM4505-16	7/16"	.680"	3/8"	1.750"
COM4501-16	7/16"	.680"	7/16"	1.750"
Magnum Studs				
COM4503-16	7/16"	.750"	7/16"	1.750"
Hi-Tech Race Studs				
COM4505-16	7/16"	.680"	3/8"	1.750"

Rocker Arm Adjusting Nuts

Alloy nuts provide ultimate strength and locking force. Stud girdle poly locks are ground for minimum runout and tapered for extra strength in the locking area. Sold in sets of 16.

Part No.	Description	Stud Size
COM4508-16	Stud Girdle Adjusting Nuts	7/16"
COM4600-16	Hi-Tech Polylock for Aluminum/Stainless/ Pro Magnum Rockers	7/16"
COM4601-16	Hi-Tech Polylock for Aluminum/Stainless/ Pro Magnum Rockers	3/8"
COM4602-16	Magnum Polylock	3/8"
COM4603-16	Magnum Polylock	7/16"
COM4604-16	High Energy Polylock	3/8"

High Energy Die-Cast Aluminum Roller Rocker Arms

Affordable rocker arms have die-cast aluminum bodies. Needle-bearing fulcrums and roller bearings reduce friction and decrease oil temperature. Sold in sets of 16.

Part No.	Description	Rocker Stud	Rocker Ratio
COM17001-16	SB Chevy 265-400	3/8"	1.5
COM17002-16	SB Chevy 265-400	3/8"	1.6
COM17004-16	SB Chevy 265-400	7/16"	1.5
COM17005-16	SB Chevy 265-400	7/16"	1.6

Ultra-Gold Aluminum Roller Rocker Arms

CNC-machined aluminum roller rockers are rigid, provide sufficient clearance for 1.650" O.D. valve springs, and can withstand extremely high spring pressures and lifts. Sold in sets of 16.

Part No.	Description	Rocker Stud	Rocker Ratio
COM19001-16 [A]	SB Chevy 265-400	3/8"	1.5
COM19002-16 [A]	SB Chevy 265-400	3/8"	1.6
COM19004-16 [A, B]	SB Chevy 265-400	7/16"	1.5
COM19005-16 [A, B]	SB Chevy 265-400	7/16"	1.6
COM19043-16	SB Ford 289-351W	3/8"	1.6

A: Will not replace late model rail rocker.
B: Must use screw-in studs and guide plates.

Ultra Pro Magnum Roller Rocker Arms

Ultra Pro Magnum's rigid, web-like design reduces moment of inertia. Made of 8650 chrome moly and finished in black oxide, rocker arms have oversized trunnions, sorted needle bearings, and hardened roller tips. Sold in sets of 16.

Part No.	Description	Rocker Stud	Rocker Ratio
COM1601-16	SB Chevy 265-400	3/8"	1.52
COM1602-16	SB Chevy 265-400	3/8"	1.6
COM1604-16	SB Chevy 265-400	7/16"	1.52
COM1605-16	SB Chevy 265-400	7/16"	1.6

Ultra Pro Magnum XD Roller Rocker Arms

The next design in the evolution of steel stud mount rocker arms, Ultra Pro Magnum XD rockers offer increased strength and unsurpassed durability. Rocker arms are made of 8650 steel with super accurate ratios, billet pushrod seat inserts, precision-sorted needle bearings, and hardened roller tips. Compatible with most diameter valve springs and retainers. Covered by a lifetime guarantee against breakage. Sold in sets of 16.

Part No.	Description	Rocker Stud	Rocker Ratio
COM1801-16	SB Chevy 265-400	3/8"	1.5
COM1804-16	SB Chevy 265-400	7/16"	1.5
COM1805-16	SB Chevy 265-400	7/16"	1.6

Hi-Tech Endurance Valve Springs

The ultimate valve springs for oval track engines. Developed after hundreds of hours of dyno and track testing. Sold in sets of 16.

Part No.	Description	I.D.	Seat Load	Open Load	Coil Bind	Rate Lbs./In.	Titanium Retainer	Steel Retainer	Cup Seat	Shims
COM925-16	1.510" Dual Spring with Damper	.697"	111 @ 1.900"	388 @ 1.200"	1.175"	395	COM732/721	COM741	COM4700/4783/4771	COM4757
COM941-16	1.260" Single Spring with Damper	.871"	135 @ 1.750"	350 @ 1.250"	1.100"	443	COM728	COM750	N/A	COM4753
COM943-16	1.550" Inter-Fit Pacaloy	.812"	240 @ 1.900"	598 @ 1.250"	1.160"	551	COM731/720	N/A	COM4785/4777	COM4757
COM26055-16	1.585" Single Beehive	.731"	150 @ 1.925"	410 @ 1.275"	1.225"	400	COM785	N/A	COM4711	COM4757
COM26089-16	1.550" Dual Spring, Roller Applications	.812"	230 @ 2.000"	580 @ 1.300"	1.230"	500	COM731/720	N/A	COM4777/4700/4785	COM4757
COM26094-16	1.550" Dual Spring with Damper, Flat Tappet	.752"	174 @ 1.900"	452 @ 1.275"	1.200"	445	COM732/721	COM749	COM4772/4773/4700	COM4757
COM26099-16	1.625" Dual Spring, Roller Applications	.769"	245 @ 2.050"	693 @ 1.250"	1.184"	561	COM733	N/A	COM4774/4775/4702	COM4757
COM26115-16	1.549" Dual Spring, Roller Applications	.719"	228 @ 2.050"	636 @ 1.300"	1.192"	544	COM732	COM748	COM4700/4781/4782	COM4757

Dual-Valve Spring Assemblies

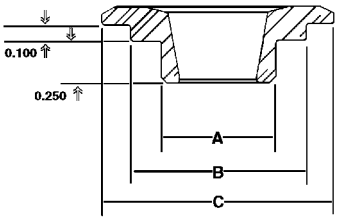
Comp Cams dual-valve spring assemblies derive maximum performance from aggressive camshaft profiles in high-RPM engines. Sold in sets of 16.

Part No.	Description	I.D.	Seat Load	Open Load	Coil Bind	Rate Lbs./In.	Titanium Retainer	Steel Retainer	Cup Seat	Shims
COM924-16	1.510" 2-Spring with Damper	.700"	112 @ 1.900"	355 @ 1.200"	1.200"	347	COM732/721	COM741	COM4700/COM4770	COM4757
COM950-16	1.470" 2-Spring Assembly	.720"	133 @ 1.900"	332 @ 1.300"	1.200"	333	COM730	COM740/743	COM4781/4782	COM4755
COM954-16	1.525" 2-Spring Assembly	.761"	210 @ 1.900"	523 @ 1.250"	1.178"	483	COM732/721	COM741	COM4700/4781/4782	COM4757
COM985-16	1.430" 2-Spring	.700"	165 @ 1.750"	346 @ 1.250"	1.150"	366	COM730	COM740	N/A	COM4754
COM986-16	1.430" 2-Spring	.697"	132 @ 1.750"	293 @ 1.250"	1.150"	322	COM730	COM740	N/A	COM4754
COM987-16	1.430" 2-Spring	.697"	121 @ 1.800"	343 @ 1.200"	1.150"	370	COM730	COM740	N/A	COM4754
COM999-16	1.550" H-11 Spring Assembly	.724"	196 @ 1.900"	671 @ 1.150"	1.090"	633	COM732/721	N/A	COM4700/4781/4782	COM4757

Steel Retainers

Comp Cams steel retainers can handle the higher pressures developed by large-diameter valve springs. Retainers are machined from 4140 chrome moly, finished in black oxide, and designed for positive location when combined with Comp Cams high-quality valve springs. For superior strength and stability, Comp Cams also offers 10° retainers and 10° valve locks. Sold in sets of 16.

Part No.	Description	Lock Angle	Valve Stem Size	Valve Spring Diameter	Dimensions A	Dimensions B	Dimensions C
COM740-16	Super Lock Retainer	10°	All	1.437"-1.500"	.690"	1.060"	1.400"
COM741-16	Super Lock Retainer	10°	All	1.500"-1.550"	.690"	1.115"	1.500"
COM742-16	Chevy 283-400	7°	11/32"	1.250"	.650"	.870"	1.230"
COM747-16	Super Lock Retainer	10°	All	1.437"-1.500"	.690"	1.050"	1.400"
COM748-16	Super Lock Retainer	10°	All	1.500"-1.550"	.710"	1.095"	1.500"
COM749-16	Super Lock Retainer	10°	All	1.500"-1.550"	.745"	1.125"	1.500"
COM750-16	Super Lock Retainer	10°	All	1.250"	.735"	.870"	1.240"



Lightweight Tool Steel Retainers

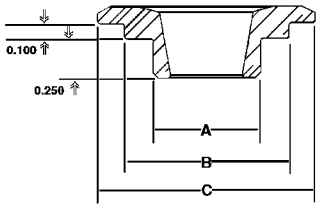
Cost-effective retainers are approximately 1/3 the weight of chrome moly steel retainers and only 2-4 grams heavier than titanium units. FEA and CAD designed for the perfect balance of strength and weight, retainers are CNC-machined from exceptionally dense tool steel. Offered for 7° and 10° valve locks. Sold in sets of 16.

Part No.	Lock Angle	Valve Stem Size	Valve Spring Diameter	Dimensions A	Dimensions B	Dimensions C
COM1730-16	10°	All	1.437"-1.500"	1.437"	1.065"	.700"
COM1731-16	10°	All	1.500"-1.550"	1.437"	1.100"	.800"
COM1732-16	10°	All	1.500"-1.550"	1.500"	1.110"	.710"
COM1750-16	10°	All	1.250"	1.240"	.870"	.735"
COM1754-16	7°	Stock	1.250"	1.235"	.860"	.610"
COM1756-16	10°	All	1.055"-1.290"	1.050"	.725"	N/A
COM1772-16	7°	Stock	1.055"-1.290"	1.030"	.640"	N/A
COM1779-16	7°	Stock	1.290"	1.172"	.910"	.646"
COM1787-16	7°	11/32"	1.055"	1.030"	.640"	—

Titanium 10° Retainers

Titanium is stronger and lighter than steel and can stand up to high-pressure springs. American-made from the finest 6AL4V alloy for maximum stiffness and minimal warpage. See chart for dimensions. Sold in sets of 16.

Part No.	Description	Lock Angle	Valve Stem Size	Valve Spring Diameter	Dimensions A	Dimensions B	Dimensions C
COM720-16	Double Lightweight Retainer	10°	All	1.500"-1.550"	.798"	1.198"	1.437"
COM729-16	Double Super Lock Retainer	10°	All	1.500"-1.550"	.730"	1.135"	1.500"
COM730-16	Double Super Lock Retainer	10°	All	1.437"-1.500"	.700"	1.065"	1.437"
COM731-16	Double Interference Super Lock Retainer	10°	All	1.500"-1.550"	.800"	1.100"	1.437"
COM732-16	Double Super Lock Retainer	10°	All	1.500"-1.550"	.710"	1.110"	1.500"
COM733-16	Double Super Lock Retainer	10°	All	1.625"	.765"	1.180"	1.500"
COM735-16	Triple Super Lock Retainer	10°	All	1.625"	.870"	1.180"	1.500"
COM738-16	Double Super Lock Retainer	10°	All	1.500"-1.550"	.730"	1.120"	1.500"



Valve Locks

7° locks are recommended for light valve spring loads. Valve locks are available in hardened or premium machined steel versions for wear resistance and offer the same accurate valve spring location as Super Locks with no need to change to 10° retainers. Sold in sets of 16 pairs (32 pieces).

Part No.	Description	Lock Angle	Valve Stem Size
COM600-16	Hardened Steel, Single Groove	7°	5/16"
COM601-16	Hardened Steel, Single Groove	7°	11/32"

Super Locks

Super Locks are machined with a 10° angle for better load distribution over the retainer to eliminate "pull through". Super Locks fit any Comp 10° retainer. Sold in sets of 16 pairs (32 pieces).

Part No.	Description	Lock Angle	Valve Stem Size
COM611-16	Lock with Lash Cap Recess	10°	11/32"
COM613-16	Lock without Lash Cap Recess	10°	11/32"
COM614-16	Lock +.050" Install Height without Lash Cap Recess	10°	11/32"
COM618-16	Lock with Lash Cap Recess	10°	.310"
COM630-16	Lock - .050" Install Height with Lash Cap Recess	10°	11/32"

Titanium Super Locks

Manufactured from lightweight yet durable titanium. Locks include a 10° angle and fit any Comp 10° retainer. Sold in sets of 16 pair (32 pieces).

Part No.	Description	Lock Angle	Valve Stem Size
COM638-16	Lock with Lash Cap Recess	10°	11/32"

Stud Girdles

Stud girdles are made of rugged 6061-T6 aluminum, and tie the rocker studs together for alignment and durability. Sold in pairs. Complete with nuts.

Part No.	Description	Stud Size
COM4004	SB Chevy Spring-Loaded	7/16"
COM4007	SB Chevy Solid Bar	3/8"
COM4009	SB Chevy Solid Bar	7/16"

Valve Stem Oil Seals

Seals prevent oil from entering the combustion chamber. Use O-ring seal with standard retainer and oil splash shield. Use umbrella seals with larger-than-stock diameter springs, and positive-stop PTFE seals for double springs. PTFE seals require machining; others do not.

Part No.	Description	Guide Size	Valve Stem Size
COM500-16	Positive Stop PTFE	.530"	5/16"
COM501-16	O-Ring	Stock	11/32"
COM502-16	Umbrella	Stock	11/32"
COM503-16	Positive-Type PTFE	.530"	11/32"
COM506-16	Triple Spring Viton	.494"	11/32"
COM529-16	Metal Body Viton	.530"	11/32"

Valve Spring Shim Variety Packs

Part No.	Thickness	Quantity	O.D.
COM4753	.015", .030", .060"	16 Each Size	1.250"
COM4754	.015", .030", .060"	16 Each Size	1.437"
COM4755	.015", .030", .060"	16 Each Size	1.480"
COM4757	.015", .030", .060"	16 Each Size	1.500"
COM4756	.015", .030", .060"	16 Each Size	1.640"

Valve Spring Seat Cups and Locators

Comp Cams' spring seat cups and locators can withstand the extreme spring pressures and high RPM generated by modern race engines. Hardened alloy seats protect the head and shim. They also locate and hold the spring in place. Sold in sets of 16.

Part No.	Description	Thk.	I.D.	O.D.	Fits Spring O.D.	Fits Spring I.D.
COM4700-16	Spring Seat Cup	.060"	.640"	1.670"	1.565"	—
COM4702-16	Spring Seat Cup	.060"	.640"	1.730"	1.650"	—
COM4704-16	Spring Seat Cup	.060"	.640"	1.570"	1.475"	—
COM4708-16	Spring Seat Cup	.060"	.640"	1.780"	1.690"	—
COM4759-16	Spring Locator	.060"	.570"	1.550"	—	.810"
COM4770-16	Spring Locator	.060"	.585"	1.500"	—	.690"
COM4771-16	Spring Locator	.060"	.570"	1.550"	—	.690"
COM4772-16	Spring Locator	.060"	.570"	1.550"	—	.750"
COM4773-16	Spring Locator	.060"	.630"	1.550"	—	.750"
COM4774-16	Spring Locator	.060"	.570"	1.625"	—	.765"
COM4775-16	Spring Locator	.060"	.630"	1.625"	—	.765"
COM4776-16	Spring Locator	.060"	.570"	1.550"	—	.790"
COM4777-16	Spring Locator	.060"	.630"	1.550"	—	.790"
COM4778-16	Spring Locator	.060"	.570"	1.550"	—	.730"
COM4780-16	Spring Locator	.060"	.630"	1.550"	—	.730"
COM4781-16	Spring Locator	.060"	.570"	1.550"	—	.715"
COM4782-16	Spring Locator	.060"	.630"	1.550"	—	.715"
COM4783-16	Spring Locator	.060"	.630"	1.550"	—	.690"
COM4784-16	Spring Locator	.060"	.570"	1.550"	—	.735"
COM4785-16	Spring Locator	.060"	.570"	1.550"	—	.810"
COM4786-16	Spring Locator	.060"	.570"	1.635"	—	.870"

SB Chevy 3-Pc. Aluminum Timing Cover
COM310

Unique, three-piece timing cover allows camshaft timing adjustments without having to remove the harmonic balancer or disturb the front oil pan seal. Lightweight timing cover is manufactured from rigid, billet aluminum and is sold complete with necessary hardware.

Double-Roller Timing Chain Sets

Comp offers a variety of true double-roller timing sets. Magnum sets are ideal for "claimer" or mild racing applications, while Hi-Tech sets are designed for serious racing. Each set features hardened iron camshaft gear, three keyway billet steel crank sprocket, and heat-treated True double-roller timing chain.

Part No.	Description
Magnum Timing Chain Sets	
COM2100	SB Chevy, 1955-91 Exc. OEM Roller Cam
Hi-Tech Timing Chain Sets	
COM3100	SB Chevy, 1955-91 Exc. OEM Roller Cam
COM7100*	SB Chevy, Includes Billet Steel Cam Gear and Thrust Bearing

**** Includes billet steel cam gear, thrust bearing, and 9 keyway crank sprocket.***

Cam Lock Plate *COM4605*

Cam lock plate holds the cam bolts firmly in place. Fits big and small block Chevys.

Thrust Buttons

Cam thrust buttons ride between the front of the timing gear and the back of the timing cover to hold the cam in its proper location. Available in solid nylon and roller thrust bearing versions.

Part No.	Description
COM200	Roller Button SBC 265-400, .795" Length
COM202	Nylon Thrust Button SBC 265-400, 90° V-6, .810" Length

SB Chevy 265-400 Wear Plate
COM201

Prevents wear at the front of the block. Minor machining is required when used with a stock type timing set. .030" thick

Camshaft Degree Kit *COM4796*

Includes a 9" degree wheel, cam checking fixture, 0-1" travel dial indicator, VHS/DVD cam degree how-to video, degree wheel wire pointer, TDC piston stop, two lightweight checking springs, and an instruction booklet, everything needed to degree camshafts in most engines. Packed in a foam-lined case.

Part No.	Description
Replacement Parts And Accessories	
COM4790	Replacement 9" Dia. Degree Wheel
COM4791-1	Pro 16" Dia. Degree Wheel
COM4793	SB Chevy Crankshaft Socket
COM4795	Replacement 14mm TDC Stop
COM4798	Ford Crankshaft Socket

Degree Bushings

Bushings accurately position the camshaft and provide the easiest way to change the intake centerline of the cam. Five per package. Requires 13/32" drill bit for installation.

Part No.	Description
COM4760	Bushing Set (0°, 2°, 4°, 6°, 8°)
COM47602	Bushing, 2°, 5-Pack
COM47604	Bushing, 4°, 5-Pack

Carbon Ultra-Poly Composite Distributor Gears

Super-tough Carbon Ultra-Poly solves many of the wear issues associated with bronze gears in racing engines. Gears have undergone extensive on-track testing with positive results.

Part No.	Description
COM12140	Chevrolet V8, All with .500" Dia. Shaft
COM12200	Chevrolet V8, All with .491" Dia. Shaft

Bronze Distributor Gears

A necessity when using a roller camshaft. High-strength gears are made from Ampco-45 extruded aluminum bronze to resist wear.

Part No.	Description
COM410	SB and BB Chevy, .500" Dia.
COM412	SB and BB Chevy, .491" Dia.

Fuel Pump Push Rods

Available for use with cast or roller camshafts. Pushrods fit small and big block Chevy.

Part No.	Description
COM4607	Lightweight with Bronze Tip for Roller Cams
COM4616	Lightweight with Steel Tip for Cast Iron Cams

SB Chevy Roller Cam Bearing Kit
COM350RCB-KIT

Steel-jacketed needle-roller bearings are encapsulated for easy installation in place of traditional cam bearings. Kit will decrease friction and increase oil control. Bearings fit all small block Chevy and small block 360 Chrysler with #1 through #5 camshaft journal diameters of 1.968".

Engine Break-In Oil

Lubricant provides engine protection during break-in. ZDDP (zinc and phosphorous), molybdenum and detergent additives protect and improve surface mating of rotating assembly, piston rings, camshaft, lifters, rocker arms, etc. One-quart bottles are available individually or in cases of 12.

Part No	Description
COM1590	Engine Break-In Oil, 1-qt. Bottle
COM1590-12	Engine Break-In Oil, Case of (12) 1-qt. Bottles

Engine Break-In Oil Additive
COM159

Compatible with petroleum, blended, or synthetic motor oils. Protects during engine break-in and against premature camshaft, lifter, and valvetrain failure. 12-oz. bottle.

COMPUTECH SYSTEMS, INC.

RaceAir *CPT3000*

The original RaceAir competition Weather Analyzer is easy to use, affordable, and completely portable. Unit's automatic air sampling and internal fan assure consistent, reliable weather readings. Download data to a laptop or PC with optional PC download kit.

RaceAir Pro *CPT1000*

All-in-one digital, portable Weather Station has programs for fuel injection jetting and chassis set-up plus all original RaceAir features. Download data to a laptop or PC with optional PC Download Kit.

EGT Plus Systems *CPT4100*

Thermocouple System can measure and record temperatures and RPM simultaneously. Simplifies correct jetting, ignition timing, etc. Unit can monitor temps for cylinder and collector exhaust gas, intake air, cylinder head, oil, and fuel. Displays as peak temps, or as progressive readings at certain points throughout the race. Operates on any 12-volt system, or may be remote controlled. Includes a single probe.

Part No.	Description
Replacement Component	
CPT4115	Clamp-On Thermocouple

Tylar Rankin — Photo by: Marcus Berglund

Convoy "PNEU" CONTROL

CBLCPC-011

Diaphragm Bleeder Kits

Works on the same principal as a high-speed bypass. Preset spring pressure against a diaphragm controls the amount of air that passes through the port. Releases air instantly in a 360° pattern. No compensation or guesswork is required. Repeats within 2/10 of a pound. Using four different springs, unit has a range of two to thirty pounds.

Part No.	Description
CBLCPC-011	For Winters L/W Axle, 1.875"
CBLCPC-014	For Winters U/L, 2.055"
Replacement Components	
CBLCPC-029	Air Filter
CBLCPC-030	Nylon Hose for Kits

Bleeder Puller *CBLCPC-038*

For removing bleeders from axle.

New Style Wheel Insert *CBLCPC-070*

This wheel insert is machined from 6061-T6 aluminum. The insert has a push-lock fitting that is recessed in the wheel insert for protection from mud and rocks. Also included in the kit are four black caps to keep dirt out of the system when washing the wheels.

Pneu. Bleeder Kits

Part No.	Description
CBLCPC-104	For Winters L/W Axle, 1.875"
Replacement Components	
CBLCPC-029	Air Filter
CBLCPC-030	Nylon Hose for Kits

Bleeder Repair Kits

Part No.	Description
CBLCPC-033	Diaphragam, Two Bleeder Inserts, Two Diaphragms and a 3' Hose

Replacement Parts

Part No.	Description
CBLCPC-027	Fiber Washer for Bleeder Kits
CBLCPC-022	Red Spring Single
CBLCPC-023	Silver Spring Single
CBLCPC-024	White Spring Single

COOLSHIRT SYSTEMS

Cool Shirts

Compatible with all Cool Shirt systems, shirts are available in two styles; white cotton short-sleeved or black cotton short-sleeved. Up to 50 ft. of medical grade capillary tubing is securely stitched to the front and back of each shirt.

Size	Part No.
Black Cotton Short Sleeved	
Small	CST1012-2022
Medium	CST1012-2032
Large	CST1012-2042
X-Large	CST1012-2052
XX-Large	CST1012-2062
XXX-Large	CST1012-2072
White Cotton Short Sleeved	
Medium	CST1011-2032
Large	CST1011-2042
X-Large	CST1011-2052
XX-Large	CST1011-2062

2Cool Shirt

The original Cool Shirt just got better due to improved material and tubing designs. The compression design and moisture-wicking fabric keeps the driver cool, increases circulation, stamina, and won't weigh him or her down, while the patented new tubing design increases cooling by 50%. Offered in black only. Personal cooling system must be purchased separately.

Size	Part No.
Large	CST1021-2042
X-Large	CST1021-2052
XX-Large	CST1021-2062

2Cool FR Shirt

CST1024-2042

Stay cool, comfortable, and focused. Long-sleeve, cooling undershirt is manufactured from fire-resistant, superior moisture-wicking material and uses patented, non-kink tubing to provide excellent driver cooling when used with any Cool Shirt Personal Cooling System. Shirts won't shrink, pick, or fade and are machine wash and dry. Meets stringent SFI 3.3 specifications. Offered in black and large only.

Cool-A-Clava

CST1504-0001

Innovative Cool-A-Clava is a helmet insert that plugs into any Cool Shirt ice-based or non-ice based system to deliver unsurpassed head cooling. Compatible with virtually any available helmet.

Cool Shirt Replacement/ Accessory Components

CST4008-1100

CST5003-0001

CST5006-0001

CST5013-0003

CST5006-0003

CST5013-0006

CST5013-0011

Part No.	Description
CST4008-1100	Return and Supply Lines, Cooler Assembly to Cool Shirt
CST5003-0001	Maintenance Additive System Cleaner, 16-oz. Bottle
CST5006-0001	Fitting Kit, Includes (4) Female and (4) Male Connectors, 5/16" Barb and (6) O-Rings
CST5006-0003	Drain Hose Kit
CST5013-0003	Air Hose, 1-1/2" I.D. x 8' Long
CST5013-0006	Blower Filter Housing, 4" I.D. x 3" I.D.
CST5013-0008	Blower Hose End Adapter Fitting, 4" x 1-1/2"
CST5013-0009	Hose End Fitting, 1-1/2" I.D. Cooler
CST5013-0011	Helmet 1-1/2" I.D. 45° Hose End Fitting
CST5014-0001	Safety Connector Kit, Converts Standard Cool Shirt Fittings to Quick Disconnect

Trent Pigdon

Photo by: JohnnyB Imagery

CorrosionX®

Mud Slide

Designed specifically to meet the needs of dirt track racers and ORV enthusiasts, ready-to-use product will keep mud, oil, and exhaust from clinging to body panels and suspension components. Mud Slide is applied with just a single, thin coat and significantly eases post-race clean-up. Sold in a 1-gallon jug, 16-oz. spray bottle, or in cases.

Part No.	Description
CNX36004	1-Gallon Jug
CNX36004-X4	Case of (4) 1-Gallon Jugs
CNX36102	16-oz. Trigger Spray Bottle
CNX36102-X12	Case of (12) 16-oz. Trigger Spray Bottles

Bore Cleaner

Product safely and effectively removes contaminants from the bores and barrels of pistols, shotguns, and rifles. While it is an aggressive cleaner, Bore Cleaner is completely safe on polymers, varnishes, soft metals, and metal alloys with bluing, anodizing, and other finishes. Sold in 4-oz. bottle, or in a case.

Part No.	Description
CNX50020	4-oz. Bottle
CNX50020-X12	1 Case/(12) 4-oz. Bottles

Rejex

Rejex can be used to provide a high-release protective finish to cars, trucks, boats, RV's, etc. Once applied, product prevents stains and adhesion associated with bugs, bird droppings, road grime, etc. Product produces a deep, lustrous shine that outlasts popular waxes by months. Sold in 12-oz. bottle, 1-gallon jug, or in cases.

Part No.	Description
CNX61001	12-oz. Bottle
CNX61001-X12	Case of (12) 12-oz. Bottles
CNX61004	1-Gallon Jug
CNX61004-X4	Case of (4) 1-Gallon Jugs

ReelX

High-tech, extreme-pressure lubricant prevents the wear, corrosion, and rust common to fishing reels. Ideal for achieving maximum performance from spinning or casting reels, ReelX is the choice of many of the world's top fishing reel manufacturers. Sold in a 1-oz. bottle, or in case.

Part No.	Description
CNX77000	1-oz. Bottle
CNX77000-X24	Case of (24) 1-oz. Bottles

SpeedX

Extreme performance lubricant chemically reacts with metal surfaces to reduce wear and deliver the lowest coefficient of friction measurable. With lubrication qualities greater than PTFE, SpeedX is well suited for use on high speed/high load bearings, gears, cables, etc. Sold in 1-oz. bottle, or in a case.

Part No.	Description
CNX77001	1-oz. Bottle
CNX77001-X24	Case of (24) 1-oz. Bottles

CorrosionX

Among the most advanced and effective corrosion preventatives currently available, CorrosionX disrupts rust and corrosion on the molecular level, while providing long-term protection. Effective as a lubricant, penetrant, and anti-seize, product is suitable for use on iron, steel, aluminum, etc. Sold in 6- or 16-oz. aerosols, 12-oz. trigger spray bottle, or in cases.

Part No.	Description
CNX90101	6-oz. Aerosol
CNX90101-X12	Case of (12) 6-oz. Aerosols
CNX90102	16-oz. Aerosol
CNX90102-X12	Case of (12) 16-oz. Aerosols
CNX91002	12-oz. Trigger Spray Bottle
CNX91002-X12	Case of (12) 12-oz. Trigger Spray Bottles

CorrosionX Heavy Duty

A high-performance, thickened film version of CorrosionX developed specifically to provide maximum protection against moisture intrusion and the resulting rust and corrosion. Ideal for long-term protection against rust and corrosion where the surface is exposed directly to the elements. Sold in 12-oz. aerosol, or in a case.

Part No.	Description
CNX90104	12-oz. Aerosol
CNX90104-X12	Case of (12) 12-oz. Aerosols

CorrosionX Grease

Now available in a high performance, extreme pressure rated NLGI#2 grade premium grease, lubricant offers maximum shear stability, film strength, and heavy shock-load performance. Grease is equally suited to marine, construction, mining, agricultural, logging, and hauling applications. Sold in a 15-oz. tube, or in a case.

Part No.	Description
CNX96801	15-oz. Tube
CNX96801-X10	Case of (10) 15-oz. Tubes

CorrosionX Extended Duty

A medium build version of CorrosionX, yet thinner than CorrosionX Heavy Duty, lubricant offers longer-term resilience against rust and corrosion, while displacing moisture and preventing electrolysis. Product will not dry, harden, or crack under stress. Sold in 16-oz. aerosol, or in a case.

Part No.	Description
CNX97102	16-oz. Aerosol
CNX97102-X12	Case of (12) 16-oz. Aerosols

CROW SAFETY GEAR

Single-Layer Proban Driving Suits

Single-layer suits incorporate attractive European styling and a high-rise collar. Offered in two-piece (jacket and pants) designs, suits feature straight legs with inside cuffs and inset pockets. Meet SFI 3.2A/1 specifications. Offered in black.

Size	Black
Two-Piece Driving Suits	
Jacket	
Large	CRW25024
X-Large	CRW25034
XX-Large	CRW25044
Pants	
Small	CRW26004
Medium	CRW26014
Large	CRW26024
X-Large	CRW26034
XX-Large	CRW26044

Double-Layer Proban Driving Suits

Attractive driving suits incorporate modern European styling and high-rise collar. Constructed using fire-resistant Proban with a box quilt design, suits include straight leg cuffs with stirrups, back waist gussets, 180° shoulder gussets, and inset pockets. Meet SFI 3.2A/5 specifications. Offered in two-piece (jacket and pants) versions in black.

Size	Black
Two-Piece Driving Suits	
Jacket	
Large	CRW28024
X-Large	CRW28034
XX-Large	CRW28044
Pants	
Medium	CRW29014
Large	CRW29024
X-Large	CRW29034
XX-Large	CRW29044

Junior Driving Suits

Single-layer Proban driving suits are specifically designed to meet the needs of Quarter Midget drivers. Suits incorporate European styling with straight legs and inside cuffs, high-rise collar, and inset pockets. Meet SFI 3.2A/1 specifications. Offered in one- or two-piece (jacket and pants) versions, suits are available in red or black.

Size	Part No.
One-Piece Driving Suits	
Red	
Small	CRW24062
Large	CRW24082
Black	
Small	CRW24064

Nomex Underwear

Flame-retardant Nomex undergarments provide an extra layer of protection.

Size	Part No.
Long Sleeve Shirt	
Large	CRW29102
X-Large	CRW29103
XX-Large	CRW29104
Bottoms	
Large	CRW29106

Nomex Head Sock *CRW29100*

Flame-retardant head sock with single eyeport. One size fits all.

Helmet Skirt

Part No.	Description
CRW20174	Black
CRW20176	Black, Nomex, SFI 3.3/5 Approved

All-Star Driving Gloves

Lightweight and comfortable, All-Star driving gloves use pre-curved fingers with outside seams for increased comfort and dexterity. Performance leather grip points reinforce both the palms and fingers, while elastic wrist adds security. Offered in black or blue, gloves meet SFI 3.3/5 specifications.

Size	Part No.
Black	
Small	CRW11804
Medium	CRW11814
Large	CRW11824
X-Large	CRW11834
Blue	
Large	CRW11823

Standard Nomex Driving Gloves

Double-layer driving gloves are sewn with fire-resistant Nomex thread and include extra padding in the palm and knuckle areas. Meet SFI 3.2A/5 specifications. Offered in black or blue.

Size	Part No.
Black	
Small	CRW11704
Medium	CRW11714
Large	CRW11724

CROW SAFETY GEAR

Mid-Top Suede Driving Shoes

New and improved Mid-top driving shoe includes additional heel support for improved comfort. Satin suede outer combines with flame-retardant interior for a superior quality driving shoe. Meet SFI 3.3A/5 specifications. Offered in black or blue.

Size	Part No.
Black	
4	CRW22400BK
5	CRW22500BK
6	CRW22600BK
7	CRW22700BK
9-1/2	CRW22950BK
10	CRW22100BK
10-1/2	CRW22105BK
11	CRW22110BK
13	CRW22130BK
Blue	
10-1/2	CRW22105BL

360° Neck Collars

Neck collars offer a full 360° of coverage, and are available in flame-retardant knitted material or Proban. Meet SFI 3.3 specifications. Offered in red, blue, or black.

Description	Red	Blue	Black
Knitted Neck Collar	CRW20162	CRW20163	CRW20164
Proban Neck Collar	—	CRW20163A	CRW20164A

Sprint Car Window Cage Net

CRW11614

This black triangular cage net is constructed with one-inch webbing and quick-release buckle. Meets SFI 37.1 specifications.

Sprint Car Engine Sling

CRW11645

Works well at the shop or in the race trailer. Holds up to 500 pounds. Hardware accepts 1/2" diameter bolts. Total length 25".

Sprint Car Drag Link Strap *CRW11646*

Black nylon strap with two metal buckles.

Arm Restraints

Part No.	Description
Y-Style	
CRW11574A	Black, 2"

5-Point Driver Restraints

Five-point driver restraints combine high-strength polyester webbing and heavy-duty steel hardware. Selected restraints are available with Blackbird black anodized hardware. Dog Bone harnesses include 3" to 2" shoulder belts to allow compatibility with head-and-neck restraint systems. Offered in red, blue, or black, restraints meet SFI 16.1 specifications.

Description	Red	Blue	Black
Standard Latch and Link			
50" Seat Belt, Ind. Harnesses, Wrap-Around, Pull-Down Adjust	CRW11012	—	CRW11014
50" Seat Belt, Ind. Harnesses, Bolt-In, Pull-Down Adjust	CRW11002	CRW11003	CRW11004
50" Seat Belt, Ind. Harnesses, Bolt-In, Pull-Down Adjust, Blk. Hardware	CRW11002B	CRW11003B	CRW11004B
50" Seat Belt, Ind. Harnesses, Bolt-In, Pull-Down Adjust, HANS	—	—	CRW11004-DB
50" Seat Belt, Ind. Harnesses, Wrap-Around, Left Side Adjust Only	—	—	CRW20054
50" Seat Belt, Ind. Harnesses, Wrap-Around, 3" Belts with HANS Shoulders	—	—	CRW40084PRB
Latch & Link with Built-In Latch Guard			
55" Seat Belt, Ind. Harnesses, Wrap-Around, Pull Down Adjust	—	—	CRW11074
55" Seat Belt, Ind. Harnesses, Bolt-In, Pull Down Adjust	—	—	CRW11064
55" Seat Belt, V-Type Harness, Bolt-In, Pull-Down Adjust	—	—	CRW11084A
Dog Bone Harness/Head and Neck Restraint Compatible			
50" Seat Belt, Ind. Harnesses, Wrap-Around/Bolt-In, Pull-Down Adjust	—	—	CRW11004–DB
50" Seat Belt, Ind. Harnesses, Bolt-In, Pull-Down Adjust	—	—	CRW11014–DB
55" Seat Belt, Ind. Harnesses, Bolt-In, Pull-Down Adjust	—	—	CRW11064–DB
55" Seat Belt, Ind. Harnesses, Wrap-Around, Pull-Down Adjust	—	—	CRW11074–DB
Ind. Harness, Wrap-Around, Duck Link on Left, Std. Link on Right	—	—	CRW11084–DB
Ratchet Restraints			
50" Seat Belt, Ind. Harnesses, Wrap-Around, Ratchet on Left	—	—	CRW40064
2" Std. Restraints, Ind. Harnesses, Bolt-In/Wrap-Around, Ratchet on Left	—	—	CRW11194A
50" Seat Belt, Ind. Harnesses, 3" Bolt-In/Wrap-Around, Ratchet on Left	—	—	CRW40074L
Quarter Midget Restraints			
2" Kam Lock Restraints, 40" Seat Belt, Ind. Harnesses, Bolt-In/Wrap-Around, Pull-Up Adjust	—	—	CRW11174A
2" Std. Restraints, 40" Seat Belt, Ind. Harnesses, Bolt-In/Wrap-Around, Pull-Up Adjust	—	—	CRW11184A

2"Harness Pads

CRW11564A2

Available for 2" or 3" wide shoulder belts, harness pads provide added comfort when cinching down belts. Manufactured from flame-retardant material, pads attach with Velcro. Sold per pair. Black only.

CROW SAFETY GEAR

Driver Restraint Accessories and Mounting Hardware

CRW11548

CRW11549

CRW11549B

CRW11549A

Part No.	Description
CRW11548	Eye Bolt, Nut and Washer, 7/16"-20, Pair
CRW11549	Bolt-In Bracket, Pair
CRW11549A	Bolt-In Bracket, 7/16" Hole, Pair
CRW11549B	40° Bent Bolt-In Bracket, Pair

CROWER every part for power

Full Body Roller Lifters

Bearings and outer races are crowned to eliminate lobe tracking. "HIPPO" (HIgh-Pressure Pin Oiler) lifters have a .024" orifice to direct oil to the needle bearings, improving durability. Not available in offset designs. Sets of 16.

Part No.	Description
SB Chevy	
CRO66200-16	262-400, .842" Dia.
CRO66200H-16	262-400, .842", "HIPPO"
CRO66290-16	262-400, .842" Dia., .300" Higher Link Bar
CRO66290H-16	262-400, .842" Dia., .300" Higher Link Bar, "HIPPO"

Severe-Duty Cutaway Roller Lifters

Ideal for high RPM and high cylinder pressure, lightweight lifters have billet alloy bodies, and heavy-duty blades which are raised for use with late model blocks. "HIPPO" (HIgh-Pressure Pin Oiler) lifters have a .024" orifice to direct oil to the needle bearings, improving durability. Choose standard or offset designs. Sets of 16.

Part No.	Description
SB Chevy	
CRO66290-16	262-400, .842" Dia.
CRO66290H-16	262-400, .842" Dia., "HIPPO"
CRO66290X903H-16	262-400, .903" Dia., "HIPPO"
CRO66292-16	262-400, Offset Int., .842" Dia.
CRO66292H-16	262-400, Offset Int., .842" Dia., "HIPPO"
CRO66292X874-16	262-400, Offset Int., .874" Dia.
CRO66292X903-16	262-400, Offset Int., .903" Dia.
SB Ford	
CRO66215-16	221-351W
CRO66215H-16	221-351W, "HIPPO"

Endura Max Roller Lifters

The choice of serious racers, Endura Max roller lifters include a unique, needle-less roller bushing that allows increased load-carrying ability and improved durability. "HIPPO" (HIgh-Pressure Pin Oiler) feature helps keep roller and shaft fully lubricated. Sold in sets of 16, lifters are offset .150" and include (8) centered, (4) lefts, and (4) rights.

Part No.	Description
CRO66292X842E-16	SB Chevy 262-400, .842" Dia.
CRO66292X903E-16	SB Chevy 262-400, .903" Dia.

Stainless Steel Rollerized Rocker Arms

Rockers are made of heat-treated 17-4PH stainless steel and fitted with oversized needle bearings, sure-lock rocker nuts, and ball race steel tip rollers. Lightweight, narrow-body rockers clear large-diameter valve springs or high-lift camshafts. Sold in sets of 16.

Part No.	Application	Ratio	Stud
CRO73601-16	SB Chevy 265-400	1.5	7/16"
CRO73641-16	SB Chevy 265-400	1.6	7/16"

Sure Lock 7/16"-20 Rocker Arm Nuts

CRO86050S-16

Sold in sets of 16.

Valve Spring Set for GM "604" Crate Engine

CRO68135-16

Valve springs are specifically engineered engineered to directly replace the stock springs found in the GM "604" crate engine and offer increased performance and improved durability. Sold in sets of 16.

O.D.	I.D.	Free Length	Load @ Installed Height	Load @ Open Height	Coil Bind
1.355"	.905"	2.195"	110 lbs. @ 1.800"	343 lbs. @ 1.200"	1.155"

Multi US 7002 7-Amp Battery Charger *CTE56-353*

Recognized as the smallest 12-volt battery charger in the world, the CTEK Multi US 7002 is recommended by Optima for their Yellow Top battery. Unit uses a thorough 7-step maintenance and charging process. Special "recon" mode reconditions a drained battery after deep discharging, allowing the battery to recover better and last longer. Compatible with most lead-acid batteries including flooded, maintenance-free, gel, and AGM. Covered by a 5-year warranty, it includes lead and color-coded clamps.

Multi US 4.3-Amp Battery Charger *CTE40-206*

The perfect charger for applications with high demands. Fully automatic, 8-step charger delivers selectable 0.8 or 4.3-amps to 12-volt batteries from 1.2-110 Ah. Charger includes modes for restoring stratified and deeply discharged batteries, maintenance charging, optimized charging for cold winter days, and charging demanding AGM (Optima) batteries. Charger is spark-proof, short-proof, and reverse polarity-protected. May be connected for months at a time; plug it in and forget it. Covered by a 5-year warranty.

Comfort Indicator

The Comfort Indicator simplifies battery charging by indicating when battery status decreases or when the battery needs to be charged. Easy-to-use unit helps prolong battery life and prevent harmful stratification. Comfort Indicators are offered in two versions: eyelet and panel styles. Panel-mount version is ideal for race cars, trailers, RV's, etc.

CTE56-380

Part No.	Description
CTE56-380	Comfort Indicator Panel, Permanent Mount
CTE56-382	Comfort Indicator Eyelet, Small Batteries Including Cycles, Etc.

Ground Shipment Only

Cyclo has a line of cleaners, chemicals, and lubricants for professionals and hobbyists.

Part No.	Description
CCLC1	Carb Clean, 13-oz. Spray Carb Cleaner
CCLC5	Carb Clean, 19-oz. Spray Carb Cleaner
CCLC10	Break-Away, Penetrates/Lubricates, 13-oz. Aerosol Can
CCLC30	Engine Clean, 16-oz. Aerosol Can
CCLC32	Brake and Parts Clean, Green Can, 18-oz. Aerosol Can
CCLC33V	Silicone Spray, 10-oz. Aerosol Can **NEW!**
CCLC34	White Grease, 11-oz. Aerosol Can
CCLC52	Radiator Stop Leak, 11-oz. Bottle

Part No.	Description
CCLC111C*	Brake and Parts Clean, Red Can, 15-oz. Aerosol Can
CCLC331	Glass Clean, 23-oz. Aerosol Can
CCLC400**	Heavy-Duty Faster Super Penetrant, 11-oz. Aerosol Can
CCLC3322	Dry Moly Lubricant, 10.25-ozs. **NEW!**
CCLPYBF12	Pyroil DOT 3 Brake Fluid, 12-oz. Bottle **NEW!**

**** Meets OTC regulations for sale in California and other OTC states.***
***** This formula is flammable.***

Class III Hitches

Class III hitches employ a standard, 2" receiver size for maximum towing safety. Versatile units allow towing a wide variety of trailers including motorsports, camping, hunting, fishing, and more. Please call for applications.

Double-Lock EZR Gooseneck Hitch Kit for 2001-10 Chevy/GMC 2500HD/3500HD

CUR60681 **NEW!**

Designed for 2001-10 Chevy Silverado/GMC Sierra 2500HD/3500HD pickup, all inclusive gooseneck hitch kit utilizes a vehicle-specific design that optimizes strength, eases installation, and simplifies operation, while offering 30,000 lbs. of towing capacity. Simple and safe to use, unit uses two locking pins and a 3/8" dia. handle to keep the gooseneck ball located in the center section. Special flip-over ball allows storing it in the receiver hole when not in use, freeing the truck bed from obstructions. Sold complete with gooseneck hitch with 2-5/16" ball and vehicle-specific installation brackets.

MV Round Bar Weight Distributing Hitch Kit

CUR17062

Kit helps provide a smooth, safe ride and level towing. Offering a towing capacity of 8,000-10,000 lbs. GTW and 800-1,000 lbs. of TW, hitch is sold complete with hitch bar, formed steel head, 2-5/16" trailer ball, round spring bars, sway control kit, adjustable shank, and chain hookup brackets with lift handle. Fits any 2" receiver, providing compatibility with Class III, IV or V trailer hitches.

TruTrack Trunnion Bar Weight Distribution Hitch Kit

CUR17500

TruTrack features a built-in sway control that levels the tow vehicle and trailer while preventing trailer sway. Unit has a 8,000-10,000 lbs. GVW and 800-1,000 lbs. TW capacity and uses a spring and cam type system. Includes hitch bar, formed steel head, 2-5/16" trailer ball, trunnion spring bars, adjustable support brackets, hitch pin, and clip. Fits any 2" receiver, providing compatibility with Class III, IV, or V trailer hitches.

Sway Control Kit *CUR17200*

Economical kit limits lateral trailer movement and prevents trailer sway. Includes sway control unit, trailer- and hitch-mounted attachment balls, weld-on tab, mount reinforcement plate and attachment clips. ***Note: Weld-on tab is required for left-hand use or for applications not using a weight distribution hitch.***

Rebellion XD Adjustable Cushion Hitch

CUR45955 **NEW!**

Innovative Rebellion XD dampens jerking and jarring from bumps and potholes, resulting in smoother, safer trailer towing, while the cushioned isolator reduces rattling and vibration. Hitch fits 2-1/2" x 2-1/2" receiver tube openings, and includes 2" and 2-5/16" balls. May be adjusted for 8" maximum drop or 1" rise. Rated to 20,000 GVW with 2-5/16" ball, or 10,000 GVW with 2" ball. ***Note: Shank may not be flipped.***

Adjustable Hitch Bars

Used to achieve the desired height for proper trailer stance.

CUR17120

CUR45900

CUR45902

Part No.	Description
2" Hitch Bars	
CUR17120	5-5/8" Drop/8-7/8" Rise, 15,000 lbs. GTW/1,500 lbs. TW
CUR17123	7" Drop, 10-1/2" Rise, 15,000 lbs. GTW/1,500 lbs. TW
2" Channel Mount Hitch Bar	
CUR45900	Dual Ball Shank, 2" @ 10,000 lbs., 2-5/16" @ 14,000 lbs.
2-1/2" Channel Mount Hitch Bar	
CUR45902	Dual Ball Shank, 2" @ 10,000 lbs., 2-5/16" @ 20,000 lbs

Popular Towing/Electrical Components

CUR52011

CUR58141

CUR58151

Part No.	Description
CUR52011	Breakaway Switch, Connects Tow Vehicle to Trailer Breakaway Battery
CUR58141	7-Way RV Blade Connector Plug, Trailer Side, Black Plastic
CUR58151	7-Way RV Blade Connector Socket, Vehicle Side, Black Plastic

Brake Controllers

Featuring fully adjustable power and ramp time, brake controllers deliver truly customized trailer braking. Units are compatible with low-volt, PWM, ABS, cruise control, and electric-over-hydraulic brake systems.

CUR51110

CUR51120

CUR51140

CUR51180

Part No.	Description
CUR51110	Venturer Brake Controller, 1-3 Axles, LED Display
CUR51120	Discovery Brake Controller, 1-4 Axles, Digital Display
CUR51140	Triflex Brake Controller, 1-4 Axles, Deluxe Digital Display
CUR51180	Echo Mobile Brake Controller, Wireless, Installs Between Vehicle/Trailer 7-Way Connector

Receiver Accessories

CUR21500

CUR21511

CUR22320

CUR22272

CUR23021

CUR23082

CUR45032

CUR45052

CUR45820

CUR45405

Part No.	Description
5/8" Dia. Hitch Pin	
CUR21500	Fits 2" Receivers
CUR21511	Rubber-Coated, Fits 2" Receivers
5/8" Dia. Hitch Pin Lock	
CUR23021	Chrome Deadbolt, Fits 2", 2-1/2" or 3" Receivers, Includes (2) Keys
CUR23518	Black Barbell, Fits 2" Receivers, Includes (2) Keys
Hitch Pin Clips	
CUR21602	3-Pack, Fits 1/2" or 5/8" Dia. Hitch Pins
Anti-Rattle Hitch Clamps	
CUR22320	2-1/2" Receiver **NEW!**
CUR22325	2" Receiver **NEW!**
2" Rubber Hitch Tube Cove	
CUR22272	2" Rubber Hitch Tube Cove
Universal Tri-Bar Trailer Coupler Lock	
CUR23082	Fits 1-7/8", 2" & 2-5/16" **NEW!**
2-5/16" Trailer Ball	
CUR40067	Chrome, 7,500 lbs.
2" Class III Ball Mount	
CUR45032	2" Drop, 7-1/2" Long, 7,500 lbs.
CUR45052	4" Drop, 8-1/4" Long, 7,500 lbs.
CUR45820	With Sway Tab Ball Mount, 2" Drop, 7,500 lbs.
2-1/2" to 2" Reducer Sleeve	
CUR45405	2-1/2" to 2" Reducer Sleeve

SB Chevy ASCS Lightweight "Little M Pro" Cast Iron Engine Block *DRT31181111LT*

Lightweight, high-strength cast iron engine block, engineered specifically for ASCS 360 C.I. sprint applications, includes all of the features common to the "Little M Pro" series blocks with the addition of a custom lightening option, which significantly reduces block weight without sacrificing durability. Block has a 4.000" bore, billet steel four-bolt main caps, extra-thick cylinder walls and decks, enlarged lifter bosses, true priority main oiling, standard cam location, and 350 main bearing (2.450") sizing. Specially scalloped outer water jacket walls offer improved coolant flow, while blind-tapped head bolt holes eliminate leakage.

SB Chevy "Little M" 305 Cast Iron Engine Block *DRT31161411*

Designed as a Race Saver replacement for the Chevy 305 small block, the "Little M" 305 includes the same premium quality construction as all Dart race-series blocks. Premium cast iron block is manufactured with extra-thick deck, full water jacket construction, and four-bolt main caps. Block is fully compatible with traditional 305 engine components such as oil pans, rear main seals, timing chains, etc.

SB Chevy SHP Pro Engine Blocks

The SHP Pro combines the affordability and benefits of the SHP with the added features of billet main caps, big block cam bore sizing and large, .904" diameter lifter bores. All-new precision-machined cast iron blocks include priority main bearing oiling, siamesed bores, extra-thick decks, and compatibility with most OEM components. Offered in 4.000" and 4.125" bore versions.

Part No.	Deck Ht.	Cyl. Bore	Main Dia.	Main Caps
DRT31161112	9.025"	4.000"	2.450"	Billet Steel
DRT31161212	9.025"	4.125"	2.450"	Billet Steel

SB Chevy SHP Engine Blocks

"SHP" (Special High Performance) cast iron blocks are affordable, durable, and precisely machined. Capable of handling up to 600 horsepower, heavy-duty blocks have 5/8" thick decks, .230" minimum wall thickness cylinder walls, stock 9.025" deck height, ductile iron main caps, and full compatibility with most standard OEM components. Offered in 4.000" or 4.125" cylinder bore versions.

Part No.	Description	Deck Ht.	Cyl. Bore	Main Dia.	Main Caps
DRT31161111	SB Chevy	9.025"	4.000"	2.450"	Ductile Iron
DRT31161211	SB Chevy	9.025"	4.125"	2.450"	Ductile Iron

Camshaft Bearings

Standard, performance-coated and roller cam bearings are for use with Dart engine blocks.

Part No.	Description
DRT32210010	SB Chevy "Iron Eagle", 2.120" O.D., Set
DRT32210020	SB Chevy "Little M", Set
DRT32210023	SB Chevy, SBC 1.868" Journal Sizing/2.020" (+.020") Bearings O.D., Coated, Sold Each
DRT32220042	Roller Cam Bearing, 55mm, Each
DRT32510000	SB Chevy Rear Cam Plug, 2.390" O.D., Each

SB Chevy "Little M" and "Little M Sportsman" Cast Iron Engine Blocks

An affordable alternative to searching for used small block Chevy four-bolt blocks. Block is an ideal base for a sound, powerful engine and is compatible with standard components. Block has billet steel or ductile iron four-bolt main caps, extra-thick cylinder walls, standard cam location, extra-thick decks, and 350 or 400 main sizing.

Part No.	Description	Deck Ht.	Cyl. Bore	Main Dia.	Main Caps
DRT31181111	"Little M"	9.025"	4.000"	2.45"	Steel
DRT31181211	"Little M"	9.025"	4.125"	2.45"	Steel
DRT31182211	"Little M"	9.025"	4.125"	2.65"	Steel
DRT31191111	"Little M Sportsman"	9.025"	4.000"	2.45"	Ductile
DRT31191211	"Little M Sportsman"	9.025"	4.125"	2.45"	Ductile
DRT31192211	"Little M Sportsman"	9.025"	4.125"	2.65"	Ductile

Threaded Freeze Plug *DRT32310000*

Designed for use in Dart blocks. Sold each.

SB Chevy Cast Aluminum Valve Covers *DRT68000015*

Sold per pair.

Engine Storage Bag *DRTBAG-ENGINE*

Extra-large, 37-1/2" x 57-1/2" storage bag can cover a complete engine including headers, providing protection from dirt and moisture. Made from heavyweight, 4-mil clear poly plastic.

Engine Assembly Lube *DRT70000009*

Specially formulated, semi-synthetic lubricant incorporates zinc, moly, and other high-pressure additives for maximum engine protection during initial start-up and engine break-in. Assembly lube also helps eliminate dry starts, while preventing seizing, galling, and scuffing. Fully compatible with all brands of motor oils. Sold in a 8-oz. bottle.

Extreme Pressure Lube *DRTLUBE*

This CMD extreme pressure tube can withstand high temperatures and pressures of up to 50,000 psi. It is used as an assembly lubricant and it produces more accurate torque readings and higher clamping loads.

Pro 1 Cylinder Heads For SB Chevy

Affordable aluminum cylinder heads with advanced airflow technology offer outstanding air flow with no additional port work. Choose from Pro 1 200cc, 215cc, or 230cc intake runners, or CNC-ported, 227cc intake runner cylinder heads. Bare casting has a multi-angle performance valve job and bronze valve guides. Valve train components for bare heads may be added by purchasing the corresponding parts kit. Head is sold individually, bare or completely assembled.

Part No.	Description	Intake Runner	Comb. Chamber	Plug Type	Intake Valve	Exhaust Valve	Valve Spring Dia./Type
DRT11310010P	Bare Casting	200cc	64cc	Angle	2.02"	1.60"	N/A
DRT11510020P	Bare Casting	215cc	64cc	Angle	2.05"	1.60"	N/A
DRT11511123P	Assembled	215cc	64cc	Angle	2.05"	1.60"	1.550"/Solid/Roller
DRT11710040P	Bare Casting	230cc	64cc	Angle	2.08"	1.60"	N/A
DRT11711143P	Assembled	230cc	64cc	Angle	2.08"	1.60"	1.550"/Solid/Roller
CNC-Ported							
DRT11970040P	Bare Casting	227cc	64cc	Angle	2.08"	1.60"	N/A
DRT11971143P	Assembled	227cc	64cc	Angle	2.08"	1.60"	1.550"/Solid/Roller

DRT11310010P

DRT11971143P

Small Block Chevy Parts Kits

Dart parts kits include valves, springs, steel retainers, locks, guide plates, studs, and seals. Sold as one kit per cylinder head.

Part No.	Description	Valve and Spring Size	Seat Pressure	Coil Bind
DRT28223000	Parts Kit - (1) Head	2.05"/1.60", 1.550 Dual	215 lbs @ 1.900"	1.200"
DRT28423000	Parts Kit - (1) Head	2.08"/1.60", 1.550 Dual	215 lbs @ 1.900"	1.200"

Replacement Components

Part No.	Description
DRT21312050	SBC Intake Valve, 2.055"
DRT21391600	SBC Exhaust Valve, 1.600", 11/32", 4.940" OAL
DRT32731030H	4-Bolt Interior Main Cap, SB Chevy “Little M”, 2.45" Bearing Dia.
DRT63121102	Manganese Bronze Valve Guide, 5/16" Dia. x 2.100" x .502", Intake
DRT63121212	Valve Guide, 11/32" Dia. x 2.000"
DRTVS2010	Valve Seat

DRT32731030H

DRT21312050

DRTVS2010

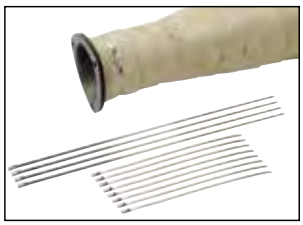
Exhaust Wrap

Wrapping the exhaust on a race car adds horsepower and reduces unwanted heat in the engine and driver's compartments. It also protects wiring and hoses from premature failure. Choose from tan, black titanium, or black glass.

Description	Part No.
Tan	
1" x 15	DSN10105
1" x 50'	DSN10101
2" x 15'	DSN10106
2" x 50'	DSN10102
Titanium	
1" x 15	DSN10128
1" x 50'	DSN10126
2" x 15'	DSN10129
2" x 25'	DSN10131
2" x 100'	DSN10130

Description	Part No.
Black Titanium	
2" x 15'	DSN10005
2" x 25'	DSN10004
2" x 50'	DSN10003
2" x 100'	DSN10002
Black Glass	
1" x 15	DSN10120
1" x 50'	DSN10107
2" x 15'	DSN10121
2" x 50'	DSN10108

Locking Ties



DEI stainless steel locking ties can be used anywhere there is extreme heat, vibration, or a need for extra strength. Locking ties are fireproof, with a melting temperature of 2500°F (1371°C).

Part No.	Description
DSN10201	8" Stainless Locking Ties, 8-Pk.
DSN10202	14" Stainless Locking Ties, 4-Pk.
DSN10220	Locking Tie Tool, Eases Installation

Aluminum HT Silicone Coating *DSN10302*

Coating can be used directly on surfaces or in combination with other products such as exhaust wrap. When applied to exhaust manifolds, pipes, or mufflers, coating helps maintain the integrity of the surface.

Titanium Pipe Shield *DSN10450*

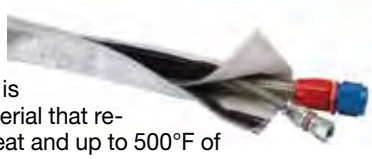
Can withstand temperatures of up to 1,350°F, titanium pipe shield can be used to help prevent heat from penetrating the floorboard or provide protection to hoses, lines, or electrical wiring. Shield is 6"W x 12"L and installs easily with included rivet-based pipe standoff brackets and stainless clamps.

Protect-A-Boot

Protects straight or 90° spark plug boots and wires from extreme radiant heat created by headers or exhaust manifolds, eliminating misfire and possible engine damage. Protect-A-Boot is also offered in extended, 8" length, while Protect-A-Boot Sleeve includes a larger I.D. to allow installation without spark plug boot removal. Choose from silver, black, red, blue, or titanium.

Silver	Color	Description
6" Long		
DSN10501	Silver	Pair
DSN10511	Black	Pair
DSN10502	Silver	Set of 8
DSN10512	Black	Set of 8
DSN10522	Red	Set of 8
DSN10532	Blue	Set of 8
DSN10542	Titanium	Set of 8
8" Long		
DSN10543	Titanium	Pair
DSN10540	Titanium	6-Pack
DSN10544	Titanium	Set of 8
Sleeves		
DSN10551	Silver	Pair
DSN10552	Silver	Set of 8

Heat Shroud *DSN10405*



High-temp fiberglass fabric is bonded to an aluminized material that reflects up to 90% of radiant heat and up to 500°F of continuous heat. Hook-and-loop closure allows wrapping around hoses, cables, etc. Heat Shroud is 1" dia. x 3' long.

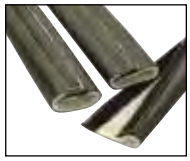
Titanium Protect-A-Sleeve *DSN10475*

High-temperature, 1/2" I.D. x 4' long Titanium Protect-A-Sleeve protects wires, lines, and cables from up to 1,800°F of direct heat and up to 2,500°F of radiant heat. Sleeve fits most spark plug wires, providing protection from exhaust headers.

Emerson Axsom

Photo by: Mike Reusche

Fire Wrap 3000



Fire-resistant Fire Wrap 3000 withstands repeated exposure of up to 3,000°F and up to 500°F of direct, continuous heat. Inner sleeve is made of glass fiber and the outer sleeve is heavily coated with a compound of silicone rubber and iron oxide. Hook-and-loop Velcro closure eases installation and removal. Sold in 2' lengths.

Part No.	Description
DSN10477	5/8" I.D. x 2' Long
DSN10478	1" I.D. x 2' Long
DSN10479	1-1/2" I.D. x 2' Long

4-/6-Cylinder Speed Sleeve Kit *DSN10114*

An alternative to completely wrapping headers, Speed Sleeves are ideal for spot protection from heat-generating header pipes and manifolds. Designed exclusively for 4- and 6-cylinder applications, easily installed kit includes 12' x 8" wide exhaust wrap, lock fasteners, and locking ties.

Fire Sleeve and Tape Kit

Woven fiberglass braided sleeve is coated with iron oxide silicone rubber that can withstand up to 500°F of continuous and 2,000°F of intermittent heat for protection of wires, lines, and hoses. Kits include a 3' length of sleeve and a 1" wide x 16" length of self-bonding, self-curing fire tape.

Description	3' Long Kit
Fire Sleeve and Tape Kit, 3/8" I.D.	DSN10470
Fire Sleeve and Tape Kit, 5/8" I.D.	DSN10472
Fire Sleeve and Tape Kit, 1" I.D.	DSN10474
Fire Tape, 1" Wide	DSN10476

Heat Screen

Aluminized radiant screen is capable of withstanding heat up to 2,000°F. Screen can be applied with a high-temperature glue or fastened with screws or rivets.

Part No.	Description
DSN10401	36" x 40"
DSN10399	36" x 20"

Heat Screen GOLD

A reflective heat barrier that can protect and keep components cool. Ideal for air intakes, firewalls, or floor pans, heat-treated glass fiber base material is bonded to a metalized polyimide laminate resulting in a product that can reflect direct heat up to 800°F. Just .031" thick, Heat Screen GOLD may be affixed with fasteners or DEI Hi-Temp Adhesive.

Part No.	Description
DSN10913	36" x 40"
DSN10919	24" x 24"

High-Temp Shrink Tubes

Flame-retardant tubing easily fits over the end of connectors and shrinks down to 33% of its original diameter. Fits snugly to provide a waterproof, dust-proof seal. Ideal for electrical wiring, cables, etc.

Part No.	Description
DSN10833	12mm x 4' Long
DSN10834	8mm x 4' Long

Gold Heat Shroud *DSN10458*

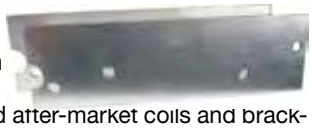
Constructed from high-temperature glass fiber base material and "Reflect-a-Gold" outer facing, this heat shroud will withstand 800°F direct continuous heat. Designed to fit 1/2" to 1-1/4" diameter wires or hoses. The hook-and-loop fastening material allows installation without removing the wire or cable and the 36" long sleeve is easily cut to fit.

Heat Sheath Gold™

These heat sleeves can withstand up to 800°F direct heat, giving protection from heat, chemicals, oil, and grease. Metalized polyimide laminate bonded to a 20-oz. heat-treated glass base material keeps components cool. Available in five different diameters, the 36" lengths are easily trimmed.

Part No.	Description
DSN10914	3/4" Diameter x 36" Long
DSN10915	1-1/4" Diameter x 36" Long
DSN10916	1/2" Diameter x 36" Long
DSN10917	1" Diameter x 36" Long
DSN10918	2-1/4" Diameter x 36" Long

GM LS Engine Coil Pack Heat Shield *DSN11001*



These semi-rigid shields are made from double-sided aluminum and high-temperature foam core. Made to work with both factory and after-market coils and brackets. Easily installed under the coil brackets, reducing engine and exhaust heat to the coils. Sold in pairs.

Flexible Heat Shield

Flexible Heat Shield is designed to provide spot heat protection from hot exhaust, preventing heat transfer to nearby components or into the driver's compartment. Offered in Titanium (bronze with brushed trim), ONYX (black with brushed trim), and ONYX Double Black, each shield includes a metal trim ring and is sold complete with stainless steel mounting hardware, which fits pipes up to 3-1/2".

Part No.	Description
DSN10900	ONYX Heat Shield, 3-1/2" x 6-1/2"
DSN10901	Titanium Heat Shield, 3-1/2" x 6-1/2"
DSN10902	ONYX Heat Shield, 4" x 8"
DSN10926	ONYX Double Black Heat Shield, 3-1/2" x 6-1/2"
DSN10927	ONYX Double Black Heat Shield, 4" x 8"

Easy Loom™ Master Kit *DSN10663*

Everything needed to protect and restore factory or aftermarket wire harnesses. Easy Loom™ sleeves are split for easy installation without having to remove wires or cables. Kit includes five different Easy Loom™ sleeves from 3/16" to 1" diameter, shrink tube ends, silicone tape, lock ties, and electrical tape.

Sprint Car Thermal Cover *DSN10225*

Warm your engine up faster and keep heat in while waiting for the next heat race. The DEI Thermal cover for Sprint cars is made to take the heat and last. Design with tough PVC coated Polyester fabric with glass mat insulation and Fiberglass lined wings it's both rugged and light weight. The fiberglass lined wings will not melt when touching the hot exhaust and built in snaps hold the wings in the up position to allow servicing on the engine.

Vapor Block™ Fuel Line Sleeve

Sleeving designed to prevent fuel line vapor lock. The split design sleeving with adhesive flap is made from glass fiber and polyester laminated to an aluminum outer layer.

Part No.	Description
DSN10669	5/8" I.D. x 36" Long
DSN10671	3/8" I.D. x 36" Long
DSN10672	1" I.D. x 36" Long

Titanium™ Exhaust Wrap

This exhaust wrap is made from pulverized lava rock, stranded into a fiber material and woven into a proprietary weave. Extremely pliable, the premium wrap will withstand 1,800°F direct and 2,500°F intermittent heat. The high-tech carbon fiber-look material resist abrasions, oil spills, temperature fluctuations, and vibration breakdown.

Part No.	Description
DSN10125	2" x 33'
DSN10133	1" x 100'

Titanium™ Protect-A-Sleeve

These high-temperature-rated sleeves provide superior thermal protection for street vehicles or race engines, protecting fuel, oil lines, spark plug, and electrical wires from up to 1,800°F direct heat and 2,500°F radiant. The 1/2" I.D. sleeves will fit many of today's larger diameter spark plug wires.

Part No.	Description
DSN10482	2" x 3'
DSN10483	1" x 4'

Titanium Protect-A-Wire™ Sleeve Kit *DSN10603*

Protects spark plug wire sets from potential burning, cracking, and hardening typically caused by severe under-hood heat. Easily installs on wire by removing distributor boot and sliding Protect-A-Wire™ over spark plug wire. Developed with Titanium LR fiber technology and able to withstand up to 1,800°F direct heat and 2500°F radiant heat. This eight-cylinder kit contains 25' heat sleeve, sixteen numbered heat shrink tubes, and eight additional heat shrink tubes.

Cool-Tape *DSN10408*

Cool-Tape protects wiring, cables, and hoses from up to 2,000°F of radiant heat. Aluminized, 1-mil thick material is bonded to fiberglass and includes a self-adhesive backing for quick, easy application. Sold in 1-1/2" wide x 15' long roll.

Black Titanium™ Exhaust Wrap

Manufactured with LR Technology, this exhaust wrap is manufactured from pulverized lava rock, stranded into a fiber material, then woven into a proprietary weave. Designed to be pliable and resistant to chemical oil spills and vibration breakdown, it secures tightly without pre-wetting and is able to withstand direct heat up to 1,800°F and intermittent heat up to 2,500°F.

Part No.	Description
DSN10005	2" x 15'
DSN10004	2" x 25'
DSN10003	2" x 50'
DSN10002	2' x 100'

Oil Filter Heat Shield

Universal fit oil filter heat shield effectively blocks radiant heat, reducing oil temperatures and increasing engine durability. Peel-and-stick installation heat shields are sold in packs of three.

Part No.	Description
DSN10740	3-1/2" x 4-1/2" x 4", 3-Pack
DSN10741	2-1/2" x 3-1/2" x 3", 3-Pack

Black Floor and Tunnel Shield

Shield protects the driver's compartment from heat transfer and also offers an attractive black finish. Manufactured using an embossed 10-mil aluminum face bonded to an 1/8" composite glass/fiber core, shield includes a super strong, pressure-sensitive backing. Offers direct heat resistance up to 1750°F. Simply shape and trim as desired, peel, and stick into place.

Part No.	Description
DSN50549	42" x 48"
DSN50552	21" x 48"

EXO Series Wrap

The EXO Series exhaust wrap is 1-1/2" wide, making it easy to install an any type of header, exhaust pipe, or exhaust system. Perfect for high-impact spot protection. Available in black only.

Part No.	Description
DSN10077	1-1/2" x 10'
DSN10078	1-1/2" x 20
DSN10058	1-1/2" x 30'

EXO Series Protect-A-Boots *DSN10086*

EXO Series spark plug boots combine an outer exoskeleton stainless mesh with an inner dual-layer silica boot to deliver extreme temperature protection to spark plug boots and wires. Sold as 8-pack.

Cool Tape Heat-Reflective Tape
DSN10468

Cool Tape™ is a flexible, super strong, self-adhesive, thermal insulating tape capable of protecting against up to 2,000°F of radiant heat and 400°F direct heat. Constructed of one-mil aluminized material bonded to a woven glass fiber heat-resistant matting. Cool Tape™ is an ultra-lightweight, heat-reflective solution for wrapping wires, cables, hoses, fuel lines, and covering seams. Sold in 2" wide x 30' long roll.

18" x 24" Oil Rug
DSN10751

Ideal for shops, car haulers, etc., Oil Rug has the ability to catch, absorb, and contain oil spills. Absorbent rugs protect floors and work areas from gasoline, oils, and glycols, while easing clean-up. Rugs feature an absorbent felt face, hydrophobic material center and a barrier layer backing to contain fluids.

Heat Shield™

Able to withstand direct heat temperatures of up to 500°F, this glass fiber fabric with aluminum outer facing is manufactured with hook-and-loop closure along the open edges. This design allows installation without removing one end of the wire or cable. Fits hoses, wires, or cables from 1/2" to 2-1/2" in diameter and is easily trimmed to length.

Part No.	Description
DSN10457	2-1/2" x 3'
DSN10487	3/4" x 3'

Torch Cable Covers
DSN10664

Lightweight, flexible covering provides superior abrasion and chemical resistance to welding cables. Self-closing, split sleeve cover is easily installed and withstands temperatures up to 347°F with a 500°F melting point. Meets SAE ARP 1536 A and ISO 6722 Abrasion and SAE J 369 Flammability ratings. The 3/4" I.D. x 11' long and 33% overlap fits most cables.

Form-A-Barrier *DSN11002*

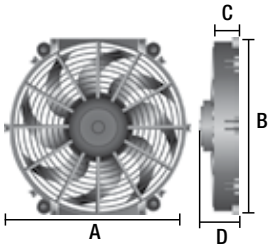
Lightweight, formable rigid shield protects components such as fuel filters or ignition components that are close to exhaust components. Shield is 12" x 12" x 3/16" thick, and offers thermal protection to 1,300°F and and may be secured with fasteners.

Cylinder Sleeves

Part No.	Application	Rough Bore	O.D.	Length	Wall Thickness	Flange Thickness	Flange Diameter
Chevrolet							
DAR100-3135	Small Block Chevy Replacement Sleeve	3.970"	4.254"	6.000"	0.142"	.200"	4.500"
DAR100-9003	Donovan SBC Block	4.110"	4.273"	5.575"	0.081"	.190"	4.371"
DAR100-9003-TD	Donovan SBC 4.110" Bore	4.110"	4.273"	6.075"	0.081"	.190"	4.371"
DAR32110211	Dart SBC Aluminum Block	4.115"	4.300"	5.625"	0.090"	.200"	4.390"
Brodix/Rodeck Engine Block Sleeves							
DAR100-1010	Small Block Chevy Style	3.990"	4.300"	5.535"	0.155"	.188"	4.481"
DAR100-1010-A	Small Block Chevy Style	3.990"	4.272"	5.535"	0.141"	.188"	4.481"
DAR100-1011.02	Small Block Chevy Style	4.110"	4.292"	5.535"	0.091"	.188"	4.481"
DAR100-1011-A	Small Block Chevy Style	4.110"	4.272"	5.535"	0.081"	.188"	4.481"
DAR100-1011	Small Block Chevy Style	4.110"	4.300"	5.535"	0.095"	.188"	4.481"
Repair Sleeve							
DARRS4.0625-3-32	Repair Sleeve 4.056" Bore x 4.250" OD	4.056"	4.250"	6.750"	0.097"	—	—
DARRS4.125-1-8	Stock Block Repair Sleeve	4.119"	4.375"	7.750"	0.128"	—	—
DARRS4.250-1-8	Stock Block Repair Sleeve	4.244"	4.500"	7.760"	0.128"	—	—
DARRS4.500-1-8	Stock Block Repair Sleeve	4.494"	4.750"	8.000"	0.128"	—	—
DARRS4.0625-3-32	Stock Block Repair Sleeve	4.056"	4.250"	7.750"	0.128"	—	—

THE LEADER IN PERFORMANCE COOLING

Electric Fans



Part No.	Fan Size	CFM	Amp Draw	Dimensions A	B	C	D
DER16105	5"	315	3.6	5-5/8"	6-1/4"	1-1/4"	2-1/4"
DER16618	8"	500	4.8	8-1/4"	8"	1-3/8"	1-3/8"
DER16620	10"	650	5.3	11-1/4"	10-5/8"	1-1/2"	2-1/2"
DER16622	12"	880	8.8	12-1/2"	11-1/2"	1-1/2"	2-1/2"

Electric Fan Controllers

Single Stage
Offered in two turn-on temps, turn-off temp. preset at 15°F below turn-on.

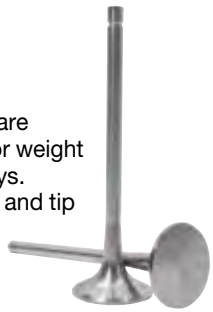
High-Amp Controllers
Offered with single or dual relays for high-amp electric fan operation. Includes A/C override.

Adjustable
A single-relay design that switches the ground side of the circuit. Includes A/C override.

PWM Controller
Pulse Width Modulation controls fan(s) speed to maintain desired engine temp. Includes A/C override.

Part No.	Description	Act. Temp.	Probe	Max Capacity
DER16730	Single Stage	180°F	1/8" & 3/8" NPT	15 Amps
DER16731	Single Stage	190°F	1/8" & 3/8" NPT	15 Amps
DER16749	Adjustable	150-240°F	3/8" NPT	25 Amps
DER16779	Hi-Amp Single	150-240°F	3/8" NPT	35 Amps
DER16789	Hi-Amp Dual	150-240°F	3/8" NPT	70 Amps
DER16795	PWM	Variable	Push-in	65 Amps

DRIVING TECHNOLOGY FORWARD



Titanium Valves

Light, strong, and reliable, Del West valves are manufactured using military spec. titanium for weight savings of approximately 40% over steel alloys. Radius-style lock grooves reduce valve stem and tip stress, and require radius-style valve locks. Sold in sets of eight.

11/32" Titanium Valves

Part No.	Description	Type	Head Dia.	Overall Length
DELEV1600-2T-CRST-8	+.200" Long	Exhaust	1.600"	5.140"
DELEV1625-6T-CRST-8	+.600" Long/25° Seat	Exhaust	1.625"	5.540"
DELIV2080-1T-CRST-8	+.100" Long	Intake	2.080"	5.040"
DELIV2080-2T-CRST-8	+.200" Long	Intake	2.080"	5.140"
DELIV2100-2T-CRST-8	+.200" Long	Intake	2.100"	5.140"
DELIV2180-6T-CRST-8	+.600" Long	Intake	2.180"	5.540"

Super 7° Titanium "Shoulder" Valve Locks

Lightweight locks are machined from high-quality titanium. Sold in sets of 16 pairs.

Part No.	Stem Diameter	Installed Height	Style
DEL790-C-16	11/32"	Standard	Radius
DEL791-C-16	11/32"	+.050"	Radius
DEL792-C-16	5/16"	-.050"	Radius
DEL793-C-16	5/16"	Standard	Radius
DEL794-C-16	5/16"	+.050"	Radius

Super 7° Titanium "Non-Shoulder" Valve Locks

DEL690-C-16

Lightweight, non-shoulder type 7° titanium locks are among the finest and most reliable. 100% CNC-machined locks will save 3-4 grams and assure a superior valve stem fit. Sold in sets of 16 pairs.

Stem Diameter	Installed Height	Style
11/32"	Standard	Radius

Super 7° Standard and "LTW" Titanium Retainers

Retainers are CNC-machined from billet titanium, heat treated for maximum strength, and offered in standard or "LTW" lightweight designs. "LTW" retainers have a compound radius, created by removing material from the inner body, to minimize weight without compromising strength. Sold in sets of 16.

Part No.	Valve Spring	Dimensions A	B	C	D
"LTW" Retainers					
DEL515-LTW-16	Double	1.450"	1.140"	.745"	—
Standard Retainers					
DEL515-16	Double	1.500"	1.140"	.745"	—
DEL530B-16	Double	1.495"	1.155"	.835"	—

DEATSCHWERKS

Braided EFI Fuel Black Nylon Hose

DWK6-02-0864-20

DeatschWerks CPE, black nylon braided rubber fuel lines are cord-reinforced for high pressure and lined for compatibility with ethanol-based fuels up to E85. PTFE fuel lines have increased fuel compatibility for methanol and E100. In addition, this option allows tighter radius turns and zero fuel vapor permeability.

Size	Length
-6AN	20'

Fuel Fittings

Titanium anodized aluminum.

Part No.	Size
Straight PTFE Female Swivel	
DWK6-02-0858	-10AN
180° PTFE Female Swivel	
DWK6-02-0853	-6AN

Adapters

Titanium anodized aluminum.

Part No.	AN Size	AN Size
ORB to AN Male		
DWK6-02-0401	-8	-6
ORB to AN Flare		
DWK6-02-0404	-6	-6

Part No.	AN Size	Barb Size
AN ORB Male to Barb		
DWK6-02-0502*	-6	5/16"
DWK6-02-0504†	-6	3/8"
DWK6-02-0509†	-8	3/8"
DWK6-02-0510†	-8	5/16"
90° Bulkhead to Barb		
DWK6-02-0712	-6	5/16"
DWK6-02-0713	-8	5/16"

**** Triple barb.***
† Single barb.

Photo by: Mike Reusche

Mud Covers

Durable plastic mud covers are interchangeable between a beadlock or non-beadlock wheel. Simply keep an extra cover as a spare and use it on either wheel if needed. Made in the USA, the covers fit most popular wheels including Aero, Bart, Bassett, Keizer, MRW, Real, and Weld. Choose from the updated design of Gen II covers, or select slotted covers for improved brake cooling. An expander ring, sold separately, is required for cover mounting on non-beadlock wheels. Covers are sold each.

Color	Part No.
Gen II	
Black	DDR10010-2
Dark Blue	DDR10020-2
Light Blue	DDR10040-2
Neon Green	DDR10050-2
Neon Orange	DDR10060-2
Neon Pink	DDR10070-2
Neon Yellow	DDR10080-2
Neon Red	DDR10081-2
Orange	DDR10090-2
Purple	DDR10110-2
Red	DDR10120-2
White	DDR10130-2
Yellow	DDR10140-2
Grey	DDR10150-2
Slotted	
Black	DDR10160
Dark Blue	DDR10170
Light Blue	DDR10180
Neon Green	DDR10260
Neon Orange	DDR10280
Neon Pink	DDR10250
Neon Yellow	DDR10270
Neon Red	DDR10281
Orange	DDR10230
Purple	DDR10200
Red	DDR10190
White	DDR10240
Yellow	DDR10210

Gen II Mud Covers

Slotted Mud Covers

Expander Ring Kit *DDR20020*

The expander ring will fit wheels up to 15" in diameter. Ring is powder coated brilliant white for a professional appearance, providing better visibility in the event that it winds up on the track. Sold complete with (3) quick fastener buttons, (3) springs, and (3) nylon washers.

Part No.	Description
Replacement Components	
DDR20010	Quick Fastener Button, Each
DDR20040	Nylon Washer, Each

Aluminum Body Washers *DDR3010*

Large O.D., precision CNC-machined aluminum body washers help ease and strengthen fender and body panel mounting. Offered in a variety of popular anodized finishes, washers are sold in packs of 50. Red only.

Sprint Car Components

Front Axle *DMISRC-1910*

Manufactured from 2-1/2" O.D. laser-cut 4130 steel, lightweight front axle is heli-arc welded and powder coated black for durability. Fits Maxim, Eagle, or Triple X.

Forged Aluminum Front Hubs

Hubs are sold in pairs, with bearings, races, dust caps, and hardware. Threaded dust caps tighten with DMISRC-1998 wrench to prevent loss or leakage.

DMISRC-1964LW

Part No.	Description
DMISRC-1964LW	Tetris Front Hubs, Use with DMISRC-2000 Spindles
DMISRC-1964LW	Tetris Front Hubs, Use with DMISRC-2000 Spindles
DMISRC-1964LW	Black Widow Front Hubs, Use with DMISRC-2000 Spindles
DMISRC-1995B	Dust Cover, Black

Forged Aluminum Front Spindles

Lightweight 2024-T3 aluminum spindles can be ordered with step or straight snout. Spindles are now forged for maximum strength and the snouts are Rockwell tested for proper hardness. Locknut kit included.

DMISRC-2000

Part No.	Description
DMISRC-2000	Spindle with Straight Steel Snout
DMISRC-2000B	Spindle with Straight Steel Snout, Black
DMISRC-2020B	Spindle with Straight Titanium Snout, Black

Replacement Components

DMISRC-1997S

DMISRC-1998

DMISRC-1993

Part No.	Description
DMISRC-1988	Replacement Hub Seal for Gold and Black Hubs
DMISRC-1990	Bearing Kit with Seal and Race for Straight Snout Spindles, 1 Side Only
DMISRC-1993	Front Rotor Bolt Kit
DMISRC-1997S	Spindle Lock Nut Kit, Steel
DMISRC-1998	Spindle Nut Wrench

King Pins and Related Components

Part No.	Description
DMISRC-2003	King Pin Bearing And Race Kit
DMISRC-2045B	King Pin Cap, Short, Black
DMISRC-2055	King Pin Cap, Long
DMISRC-2039	Steel King Pin, .859" Dia.
DMISRC-2059	Titanium King Pin, .859" Dia.

DMISRC-2003

DMISRC-2039

Brake Line Rock Guards

Part No.	Description
DMISRC-2820	Aluminum
DMISRC-2820B	Black

T-Rex Torsion Bars

The T-Rex Torsion Restraint System is designed to prevent arms or stops from being pulled off the bar. It is the safest system available and is approved by the World of Outlaws. T-Rex caps sold separately.

Part No.	Description
DMISRC-0975-30	30" Long, .975" Rate
DMISRC-1000-30	30" Long, 1.000" Rate
DMISRC-1015-30	30" Long, 1.015" Rate
DMISRC-1025-30	30" Long, 1.025" Rate
DMISRC-1037-30	30" Long, 1.037" Rate NEW!
DMISRC-1050-30	30" Long, 1.050" Rate
DMISRC-1500	T-Rex Locking End Cap, Each
DMILRC-1500	T-Rex Torsion Stop Retainer, 7/8" Bar

DMISRC-1500

DMISRC-2115B

Front Torsion Arms

Made of 2024-T3 aluminum for maximum durability.

Part No.	Description
DMISRC-2115B	Aluminum Left Front Torsion Arm, "S" Bend, Black
DMISRC-2130	Aluminum Front Torsion Arm, Short

DMISRC-2687B

Rear Torsion Arms

Made of 2024-T3 aluminum for maximum durability.

Part No.	Description
Lightweight Right Rear Torsion Arms	
DMISRC-2687	Eagle or Maxim Chassis, Triple X
DMISRC-2687B	Eagle or Maxim Chassis, Triple X, Black
Lightweight Left Rear Torsion Arms	
DMISRC-2689	Eagle or Maxim Chassis, Triple X
DMISRC-2689B	Eagle or Maxim Chassis, Triple X, Black

DMISRC-2140B

Torsion Stops

Torsion stops are available in aluminum, steel, or super-lightweight, durable 6AL-4V titanium.

Part No.	Description
DMISRC-2140	Aluminum Torsion Stop, 1-3/4" Split
DMISRC-2140B	Aluminum Torsion Stop, 1-3/4" Split, Black
DMISRC-2160	Steel Torsion Stop, 1-3/4" Split
DMISRC-2180	Titanium Torsion Stop, 1-3/4" Split

Torsion Bushings

Part No.	Description
Bronze Torsion Bushings	
DMISRC-2210	.095" Tubes
DMISRC-2211	.120" Tubes
Plastic Torsion Bushings	
DMISRC-2220	.095" Tubes
DMISRC-2221	.120" Tubes

Sprint Car Components (Cont.)

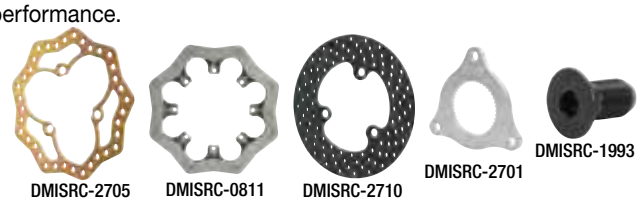
Steering Arms and Pitman Arms

Made of quality 2024 aluminum.

Part No.	Description
DMISRC-2085	Combo Steering Arm, 5.5" x 1" Forward
DMISRC-2085B	Combo Steering Arm, 5.5" x 1" Forward, Black
DMISRC-2091B	Maxim Style Combo, Black
DMISRC-2100	Single Steering Arm, Use with DMISRC-2800 and DMISRC-2085
DMISRC-2100B	Single Steering Arm, Use with DMISRC-2800 and DMISRC-2085, Black
DMISRC-2101B	Maxim Style Steering Arm, Black
DMISRC-2260B	Long Lightweight Pitman Arm, Angle Broached, Black

Brake Rotors

These exceptionally lightweight rotors do not compromise braking performance.



DMISRC-2705 DMISRC-0811 DMISRC-2710 DMISRC-2701 DMISRC-1993

Part No.	Description
DMISRC-0811	Inboard Brake Rotor, Lightened, 12" Dia., .810" Thick
DMISRC-1993	Front Rotor Bolt Kit
DMISRC-2700	Front 3-Lug Brake Rotor, Aluminum Drilled, 10-1/8" Dia.
DMISRC-2701	Splined Adaptor for Three-Pin RR Rotor
DMISRC-2704	Front 3-Lug Brake Rotor, Steel Drilled, 10-1/4" Dia.
DMISRC-2705	Front 3-Lug Brake Rotor, Steel Drilled, 10-3/4" Dia.
DMISRC-2710	Front 3-Lug Brake Rotor, Alum. Drilled, 10-7/8" Dia.
DMISRC-2931	Inboard Brake Spacer

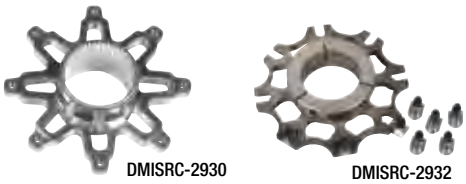
Caliper Brackets

Left front brackets include fasteners.

Part No.	Description
DMISRC-2800	For 10-1/8" Dia. Rotor
DMISRC-2800B	For 10-1/8" Dia. Rotor, Black
DMISRC-2810	For 10-7/8" Dia. Rotor
DMISRC-2810B	For 10-7/8" Dia. Rotor, Black

Splined Inboard Rotor Mounts

Billet aluminum rotor mounts.



DMISRC-2930 DMISRC-2932

Part No.	Description
DMISRC-2930	One-Piece Floater Style
DMISRC-2932	Clamp Style, Hard Anodized

Gladiator U-Joint Assemblies

DMISRC-2355

DMI's assemblies are among the strongest available, using a large Gladiator U-joint cross which never needs grease. Available with full aircraft-quality billet 7075-T6 aluminum or steel assembly with aluminum yoke.

Part No.	Description
DMISRC-2355	Aluminum U-Joint Assy., Chevy/Chrysler
DMISRC-2355-32	Aluminum U-Joint Assy., with Gladiator Cross, 32-Spline
DMISRC-2336	Gladiator U-Joint Cross Only
DMISRC-2357	Steel/Aluminum U-Joint Assy., Chevy/Chrysler
DMISRC-2353	U-Joint Bolts
DMISRC-2355	2K11 U-Joint Assy. HD, Aluminum with Gladiator Cross
DMISRC-2357	2K11 U-Joint Assy. HD, Aluminum/Steel with Gladiator Cross

Torque Ball Housings and Collars

DMISRC-2309

Part No.	Description
DMISRC-2305	Steel Housing and Collar
DMISRC-2309	Aluminum Hard Anodized Insert for DMISRC-2308
DMISRC-2311	U-Joint Spring Only

Torque Balls

Aluminum torque ball is hardcoated and then PTFE-coated for a "no bind" feel.

DMISRC-2380

Part Number	Description
DMISRC-2370	Heavy Duty Aluminum
DMISRC-2370XL	Aluminum - Extra Long
DMISRC-2380	Lightweight Aluminum

Torque Tubes

DMISRC-2387B

DMISRC-2393

2024-T3 aluminum tubes are first hardcoated and then PTFE-coated for a smooth, "no bind" feel. Magnesium bases are powder coated for corrosion resistance.

Part No.	Description
DMIRRC-2006	Torque Tube Stud Kit
DMISRC-2387B	Big Unit XL Torque Tube, 28", Black
DMISRC-2393	Torque Tube with Lightweight Magnesium Base, 28"
DMISRC-2393B	Torque Tube with Lightweight Magnesium Base, 28", Black
DMISRC-2394	Torque Tube with Lightweight Magnesium Base, 32"

Chrome Moly and Aluminum Driveshafts

DMI offers precision manufactured driveshafts in durable 4340 chrome moly steel or lightweight aluminum. Offered in standard or big tube designs, driveshafts are engineered to eliminate "whip" and the associated vibration.

DMISRC-2445-29

DMISRC-2430

Part No.	Description
Chrome Moly Steel and Aluminum Driveshafts	
DMISRC-2481	26-1/2" Swivel Driveshaft
DMISRC-2442-29-32	29" Swivel Driveshaft WP with Ball, 32-Spline
DMISRC-2430	29" Standard Driveshaft
DMISRC-2430A	29" Aluminum Driveshaft, 10-16-Spline
DMISRC-2430-32	29" Driveshaft, 32-Spline
DMISRC-2431-32	31" Driveshaft, 32-Spline
DMISRC-2440	32" Standard Driveshaft
Big Tube Driveshafts	
DMISRC-2445-29	28-3/4" Big Tube Driveshaft, Internal Coupler, XR1 & XR2

Sprint Car Components (Cont.)

Standard Birdcage Set for Sprint Car

DMISRC-2575B

Small, one-piece, 7075-T6 aluminum birdcages have double bearings and don't require bolt-on brackets or spacers. Sold in pairs. Include brackets for left- or right-side brakes. Available in black only.

Part No.	Description
Replacement Components	
DMISRC-2553	6014 Birdcage Bearing
DMISRC-2578	5914 Birdcage Bearing (32mm)
DMISRC-2580	Ti22, Wide to Standard Axle Spacer
DMISRC-2581	Birdcage Caliper Mount
DMISRC-2598	Right Birdcage Spacer
DMISRC-2599	Left Birdcage Spacer, Spline Saver

Spacer Kit and Axle Nuts

DMI engineered the original ten-piece Spacer Kit.

Part No.	Description
DMISRC-2590	Aluminum Spacer Kit, 10 Pcs.
DMISRC-2590B	Aluminum Spacer Kit, 10 Pcs., Black
DMISRC-2598	Right Birdcage Spacer
DMISRC-2599	Left Birdcage Spacer, Spline Saver
DMISRC-2600	Magnesium Spacer Kit, 10 Pcs.
DMISRC-2601	Birdcage Spacer, Driver Side
DMISRC-2610	Rear Aluminum Axle Nut, All Axles, RH Threads
DMISRC-2610B	Rear Aluminum Axle Nut, All Axles, RH Threads, Black
DMISRC-2620	Rear Aluminum Axle Nut, All Axles, LH Threads
DMISRC-2620B	Rear Aluminum Axle Nut, All Axles, LH Threads, Black
DMISRC-2650	Rear Axle Nut Magnesium, All Axles, RH Thread
DMISRC-2660	Rear Axle Nut Magnesium, All Axles, LH Thread

Rear Axle Nut Wrench

DMISRC-2607

Complete with lightweight axle adapter.

Engine Rotator Tool - Sprint

DMISRC-3000

Aluminum Rear-Splined Black Widow Wheel Center

DMISRC-1979A

Forged aluminum rear wheel center will fit Weld or Sander wheels. Centers have a durable powder-coated finish to protect against corrosion.

Jam Nuts for 3/4" Wrench

Jam nuts are designed for use with 5/8" rod ends and accept a 3/4" wrench.

Part No.	Description
DMIJAM10	5/8" Steel RH
DMIJAM10L	5/8" Steel LH

Motor Plates

DMISRC-2830

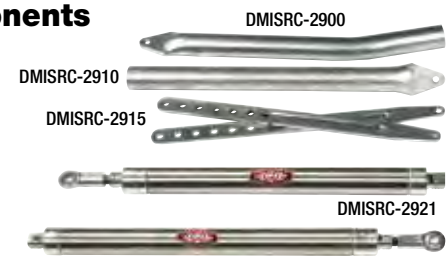
DMISRC-2840

DMI's aluminum motor plates have been machined to keep weight at a minimum. Fits Maxim and Eagle chassis.

Part No.	Description
DMISRC-2830	Aluminum Front Motor Plate, Drilled for Dry Sump Tank Mounting
DMISRC-2840	Aluminum Rear Motor Plate, Lightened

Wing Components

DMISRC-2920



DMISRC-2900

DMISRC-2910

DMISRC-2915

DMISRC-2921

DMISRC-2922

Part No.	Description
DMISRC-2900	13" Straight Front Wing Post
DMISRC-2910	12-1/2" Bent Front Wing Post
DMISRC-2915	7-1/2" To 11-1/2" Front Wing Straps (Pair), Bolt Style
DMISRC-2920	Wing Valve
DMISRC-2921	10" Wing Cylinder with Heim Joint
DMISRC-2922	12" Wing Cylinder with Heim Joint

StratoShifter Assembly

Shifter keeps your car locked in gear and keeps the tension off all rear internals. Assembly includes cable, quick disconnect, and hardware.

DMISRC-2400BK

DMISRC-2405

DMISRC-2406

Part No.	Description
DMISRC-2400	StratoShifter Assembly, Red
DMISRC-2400BK	StratoShifter Assembly, Black
Replacement Components	
DMISRC-2405	Shifter Cable
DMISRC-2406	Quick Disconnect

Ryan Litt

Photo by: JohnnyB Imagery

Sprint Car Components (Cont.)

Bulldog Rear Ends

XR-2

The Bulldog XR-2 is the rear end for the 21st century. The XR-2 saves 6-1/2 lbs. over the XR-1 while incorporating 95% of the same components. The XR-2 utilizes the same dependable ring-and-pinion as the XR-1. A mix of space-age design and old-fashioned common sense make Bulldog XR-2 the premier rear for sprint car racing.

Part No.	Description
DMIXR2-4.12-1A	XR-2 Sprint Rear End, 4.11 Ring and Pinion, with Thermal Coat

Replacement Covers

Part No.	Description
DMIRRC-1373	Vault Lock Rear Cover with Bearings
DMIRRC-1375A	Vault Lock Seal
DMIRRC-1386B	Billet Rear Cover with Bearings

DMIRRC-1373

Bulldog Blood Gear Oil

Fully synthetic high-performance 75W90 gear oil is a proprietary formula that includes extreme-pressure additives which prevent excessive wear. Special additives are incorporated to dramatically increase gear life, while the non-foaming formula lowers operating temperatures. Sold in one-quart and one-gallon containers.

Part No.	Description
DMIBULLDOGQT	75W90 Gear Oil, 1 Quart
DMIBULLDOG1	75W90 Gear Oil, 1 Gallon

Replacement Lower Shaft Parts

DMIRRC-1461

DMIRRC-1471

DMIRRC-1466

Part No.	Description
DMIRRC-1461	Swivel Housing
DMIRRC-1466	Snap Ring for Housing
DMIRRC-1471	Lower Shaft Seal for Swivel Coupler

Bulldog Rear End Replacement Components

DMIRRC-1034

DMIRRC-1400

DMIRRC-1217

DMIRRC-1105

DMIRRC-2004

DMIRRC-1361

Part No.	Description
DMIRRC-1034	Breather Assembly
DMIRRC-1105	Side Bell O-Ring
DMIRRC-1217	Axle Seal
DMIRRC-1330	Two-Bolt Locking Tab
DMIRRC-1306	Posi-Lock and Bearing Kit
DMIRRC-1361	Cover Nut, Black
DMIRRC-1361G	Cover Nut, Gold
DMIRRC-1400	Internal 10-10 Coupler
DMIRRC-1410	10-10 Front Bearing
DMIRRC-1415	Internal 10-10 Seal
DMIRRC-2004	Complete Swivel Coupler Assembly

Photo by: Mike Reusche

Midget Components

Midget Spindles

Part No.	Description
DMIMRC-2000	Aluminum
DMIMRC-2000B	Black

Midget King Pin
DMIMRC-2039

Designed for use with DMI front spindles, this short steel king pin measures 4.595" long x 0.812" O.D., with 5/8"-18 threads.

Midget King Pin Cap
DMISRC-2045B

These king pin caps come in a short style, black anodized aluminum construction. They are for standard size king pins with an outer diameter of .859".

Midget Torque Ball
DMIMRC-2380

Natural finished aluminum torque ball.

Midget Torque Tube *DMIMRC-2390*

Drivelines are built using the same high-quality materials as our sprint driveline components. DMI recommends using a steel U-joint yoke on a midget.

600 Mini Sprint Components

600 Mini Sprint components, a new line for DMI, incorporate the same innovations as DMI sprint race components. Included in this line are Goldstar and Black Widow rear wheel centers, front spindles, king pins, and king pin clips.

Mini Sprint Torsion Bars

Rate	Part No.
26" Long	
625	DMILRC-625-26
650	DMILRC-650-26
675	DMILRC-675-26
700	DMILRC-700-26
712	DMILRC-712-26
725	DMILRC-725-26
737	DMILRC-737-26
750	DMILRC-750-26
775	DMILRC-775-26

52" Axle Shaft for Micro Sprints
DMILRC-1252

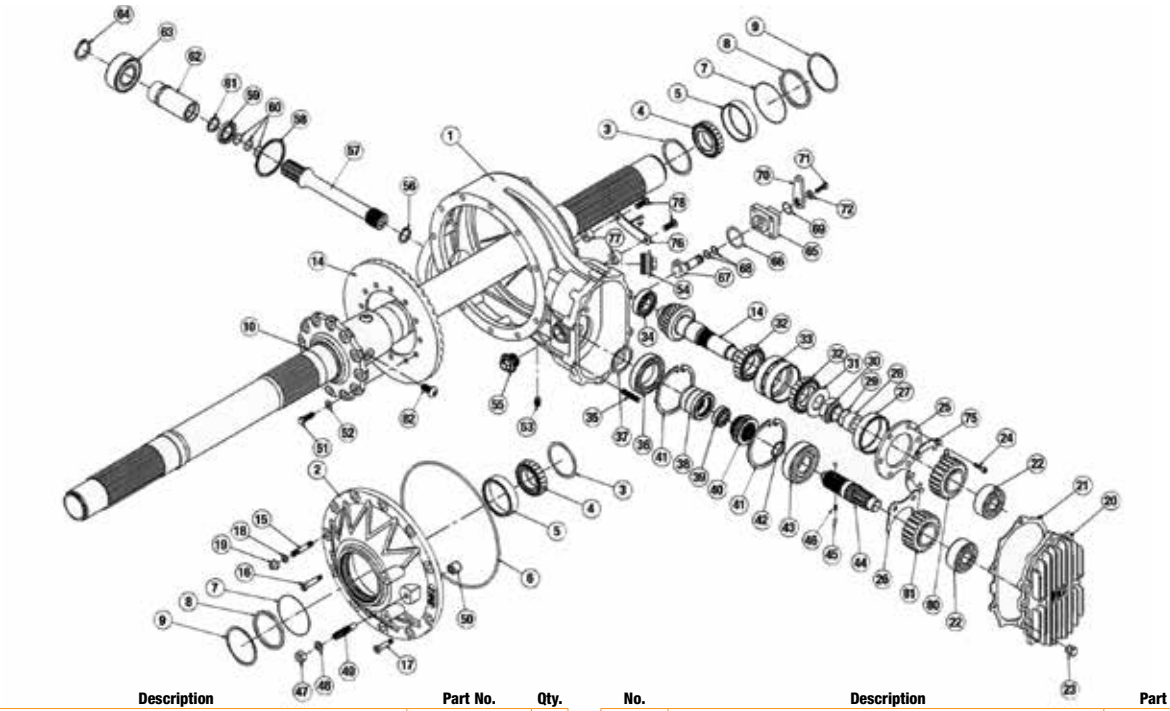
Black finished Micro Sprint rear axle shaft features a 18-1/2" driver side and a 17-1/2" passenger side length, with a total overall length of 52". 1-3/4" splines. Each.

Friction Fighter QC Gear Sets

Simply stated, Friction Fighter 10-spline quick-change gears are the strongest, lightest, highest quality gears available. 9310 ultra-high-strength steel, stone-ground, cryogenic-processed and REM® finished. The gear mesh area is only 1" wide, reducing friction.

			4.12 Ring & Pinion (8-33 Teeth)		*4.86 Ring & Pinion (7-34 Teeth)*	
Part No.	Gear Set	No. of Teeth	Low	High	Low	High
DMIFFQCG-4G	4G	23/18	3.23	5.27	3.81	6.21
DMIFFQCG-4	4	27/21	3.21	5.30	3.78	6.25
DMIFFQCG-22	22	25/19	3.14	5.43	3.69	6.40
DMIFFQCG-16	16	28/21	3.09	5.50	3.65	6.48
DMIFFQCG-10	10	27/20	3.06	5.57	3.60	6.56
DMIFFQCG-34	34	26/19	3.02	5.64	3.55	6.65
DMIFFQCG-35	35	24/17	2.92	5.82	3.44	6.86
DMIFFQCG-37	37	28/19	2.80	6.08	3.30	7.16
DMIFFQCG-23	23	27/18	2.75	6.19	3.24	7.29
DMIFFQCG-21	21	26/17	2.70	6.31	3.18	7.43

XR-1 Rear End Component Parts



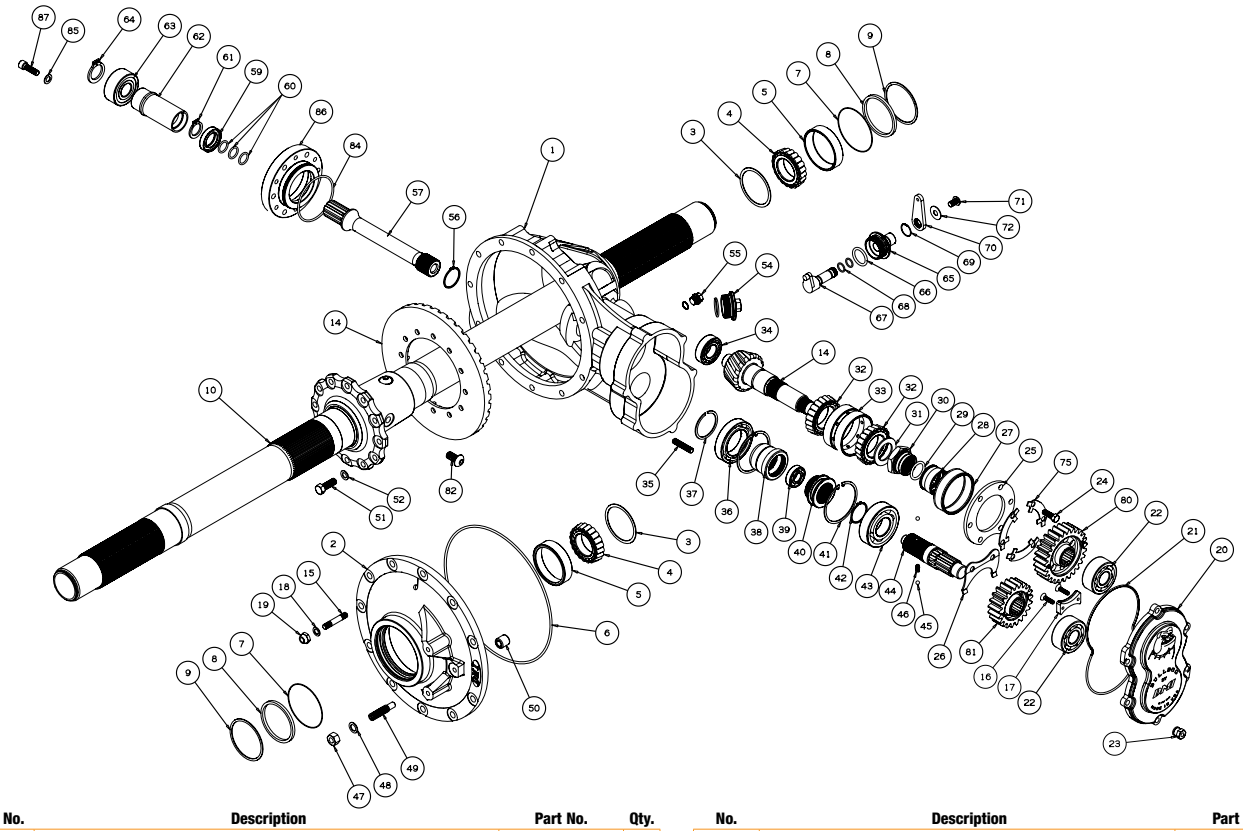
No.	Description	Part No.	Qty.
1	Center Section	DMIRRC-1005	1
2	Side Bell	DMIRRC-1100	1
3	Shim Kit, Axle Bearing	DMIRRC-1229	1
4	Bearing Tapered Roller, Axle	—	2
5	Race, Axle	—	2
6	O-Ring, Side Bell	DMIRRC-1105	2
7	O-Ring, Axle Seal	DMIRRC-1220	2
8	Seal, Axle	DMIRRC-1217	2
9*	Spiralox, Side Bell Seal Internal	DMIRRC-1225	2
10*	Axle, Live (Including Spool and 1/2"-20 x 1" BHCS)	—	1
11	Plug Fitting, Breather	DMIRRC-1035	1
12	90° Push Lock Fitting, Breather	DMIRRC-1040	1
13	Poly Tube, Breather	DMIRRC-1045	1
14*	Ring and Pinion (4:12, 4:86)	DMIRRC-1300	1
15	Stud 7/16" Double End, Side Bell	DMIRRC-1110	9
16	7/16"-14 x 1-1/4" HHCS	DMIRRC-1109	1
17	7/16"-14 x 1" HHCS	DMIRRC-1109	1
18	7/16" SAE Flat Washer	DMIRRC-1130	11
19	7/16"-20 Nylon Locknut	DMIRRC-1120	11
20	Magnesium Quick-Change Gear Cover (Without Bearings)	DMIRRC-1385	1
21	Gasket, Quick-Change Cover (Teflon)	DMIRRC-1340	1
22	Ball Bearing, Quick-Change Cover	DMIRRC-1350	2
23	3/8"-16 Aluminum High Nut, Quick-Change Cover	DMIRRC-1360	6
24	3/8"-16 x 1" HHCS, Retainer Plate	—	6
25	Retainer Plate, Pinion	—	1
26	Retainer, Stub Shaft Bearing	DMIRRC-1325	1
27	Spacer, Pinion Bearing	—	1
28	Posi-Lock Retainer	DMIRRC-1366	1
29	O-Ring, Posi-Lock Retainer	DMIRRC-1367	1
30*	Posi-Lock Nut	DMIRRC-1369	1
31	Washer Bearing, Pinion	DMIRRC-1368	1
32	Bearing Tapered Roller, Pinion	DMIRRC-1311	2
33	Race Double Bearing, Pinion	—	1
34	Roller Bearing, Pinion Nose Shaft	—	1
35	3/8"-16 X 2.0" Stud, Quick Change Cover	—	6
36	Bearing External, Stationary Coupler	DMIRRC-1505	1
37	Snap Ring O.D., Stationary Coupler	DMIRRC-1515	1
38	Stationary Coupler (Female Splined)	DMIRRC-1500	1
39	Bearing Small Internal, Stationary Coupler	DMIRRC-1510	1
40	Sliding Coupler (Male Splined)	DMIRRC-1600	1

**** Part numbers may vary due to options***

No.	Description	Part No.	Qty.
41	Snap Ring Internal, Rear Bearing	DMIRRC-1520	2
42	Snap Ring External, Stub Shaft	—	2
43	Ball Bearing Shielded, Stub Shaft	DMIRRC-1625	1
44	Shaft Stub	DMIRRC-1615	1
45	1/4" Steel Ball, Detent	DMIRRC-1610	2
46	Spring Detent	DMIRRC-1605	1
47	1/2"-13 Aluminum Jam Nut	—	1
48	1/2" SAE Flat Washer	DMIRRC-1145	1
49	1/2"-13 Adjusting Screw, Ring Gear Back Stop	—	1
50	Back Stop, Ring Gear	DMIRRC-1135	1
51	3/8"-24 Ring Gear Bolt (Threaded Ring Gear)	DMIRRC-1301	12
52	Washer 3/8" Belleville (Threaded Ring Gear)	DMIRRC-1302	12
53	3/8" Pipe Plug	DMIRRC-1030	1
54	Large Inspection Plug with O-Ring	DMIRRC-1010	1
55	Small Inspection Plug with O-Ring	DMIRRC-1020	1
56	Snap Ring External, Lower Shaft for 10-10 Coupler	—	1
57*	Lower Shaft, Standard (Steel)	—	1
58	Spacer, Front Bearing	—	1
59	Seal, Integral Coupler (Snout)	DMIRRC-1415	1
60	O-Ring, Lower Shaft	DMIRRC-1435	3
61	Internal Snap Ring, 10-10 Coupler	—	1
62	Integral Coupler (10-10), Steel	DMIRRC-1400	1
63	Bearing Ball, Snout	DMIRRC-1410	1
64	External Snap Ring, Integral 10-10 Coupler	—	1
65	Shifter Housing	DMIRRC-1700	1
66	O-Ring, Shifter Housing	DMIRRC-1705	1
67	Shifter Shaft	DMIRRC-1710	1
68	O-Ring, Shifter Shaft	DMIRRC-1715	2
69	Snap Ring, Shifter Shaft	DMIRRC-1720	1
70	Arm, Shifter	DMIRRC-1725	1
71	3/8"-24 X 1/2" BHCS, Shifter Arm	DMIRRC-1730	1
72	3/8" SAE Washer, Shifter Arm	DMIRRC-1735	1
73	5/16"-18 x 1.0" 12 Point Bolt, Shifter Housing	DMIRRC-1740	4
74	5/16" AN Washer, Shifter Housing Bolt	DMIRRC-1745	4
75	Locking Tab, 2 Bolt	DMIRRC-1330	3
76**	Bracket, Shifter Cable Mounting	DMIRRC-1050	1
77**	Spacer, Shifter Cable Mounting Bracket	—	2
78**	3/8"-16 x 1.0" BHCS, Cable Mounting Bracket	DMIRRC-1060	2
80, 81	Quick-Change Gears (Not Included with a Rear)		
82	1/2"-20 x 1" BHCS, Spool To Axle	DMIRRC-1212	4

***** Part numbers make up kit DMIRRC-1049***

XR-2 Rear End Component Parts



No.	Description	Part No.	Qty.
1	XR-2 Magnesium Rear Center Section	DMIRRC-1006	1
2	XR-2 Magnesium Side Bell w/Brake Mount	DMIRRC-1101	1
3	Rear Axle Shim Kit 2-.075" 3Ea - .010", .012", .015", .020"	DMIRRC-1229	1
4	Axle Bearing	—	2
5	Axle Bearing Race	—	2
6	Side Bell O-Ring	DMIRRC-1105	1
7	Axle O-Ring	DMIRRC-1220	2
8	Axle Seal	DMIRRC-1217	2
9	Axle Seal Spiral Lock	DMIRRC-1225	2
10*	Aluminum Axle 1.875" I.D. Long Splines w/Spool	DMIRRC-1208	1
14	4.12 Ring & Pinion	DMIRRC-1300	1
15	Side Bell Stud	DMIRRC-1110	11
16	Bolts For Gear Cover Bearing Retainer	DMIRRC-1391	2
17*	Gear Cover Bearing Retainer	DMIRRC-1390	1
18	Side Bell Washer	DMIRRC-1130	11
19	Side Bell Locknut	DMIRRC-1120	11
20	Billet Aluminum Rear Cover - No Bearings - Gold	DMIRRC-1387G	1
21	Silicone Sealing Ring for Gear Cover	DMIRRC-1345	1
22	Rear Cover Bearing	DMIRRC-1350	2
23	Rear Cover High Nut - Black	DMIRRC-1361	6
24	Pinion Retainer Bolt	—	6
25	Pinion Retainer Flange	—	1
26	Stub Shaft Bearing Retainer	DMIRRC-1325	1
27	Pinion Bearing Spacer	—	1
28	Posi-Lock Retainer	DMIRRC-1366	1
29	Posi-Lock O-Ring	DMIRRC-1367	1
30	Posi-Lock Nut - RH	DMIRRC-1369	1
31	Pinion Washer	DMIRRC-1368	1
32	Big Pinion Bearing - Timken	DMIRRC-1311	2
33*	Big Pinion Bearing Race	—	1
34	Small Pinion Bearing	—	1
35	Rear Cover Stud	—	6
36	O.D. Shifter Bearing	DMIRRC-1505	1
37	O.D. Shifter Coupler Snap Ring	DMIRRC-1515	1
38	Female Splined Shifter Coupler	DMIRRC-1500	1
39	I.D. Shifter Bearing	DMIRRC-1510	1
40	Male Splined Shifter Coupler	DMIRRC-1600	1

No.	Description	Part No.	Qty.
41	Housing Bore Snap Ring	DMIRRC-1520	2
42	Stub Shaft Snap Ring	—	2
43	Stub Shaft Bearing	DMIRRC-1625	1
44	Lower Stub Shaft	DMIRRC-1615	1
45	Detent Ball	DMIRRC-1610	2
46	Detent Spring	DMIRRC-1605	1
47	Back Stop Aluminum Nut	—	1
48	Back Stop Washer	DMIRRC-1145	1
49	Back Stop Set Screw	—	1
50	Ring Gear Back Stop	DMIRRC-1135	1
51	Ring Gear Bolt	DMIRRC-1301	12
52	Ring Bolt Washer	DMIRRC-1302	12
54	Large Inspection Plug	DMIRRC-1030	1
54A	Large Inspection Plug O-Ring	DMIRRC-1010	1
55	Fill Level Plug	DMIRRC-1020	1
55A	Fill Level Plug O-Ring	—	1
56	Lower Shaft Snap Ring	—	1
57*	Internal 10-10 Lower Shaft	—	1
59	Internal 10-10 Seal	DMIRRC-1415	1
60	Lower Shaft O-Ring	DMIRRC-1435	3
61	10-10 Internal Snap Ring	—	1
62	Internal 10-10 Coupler	DMIRRC-1400	1
63*	Internal 10-10 Front Bearing	DMIRRC-1410	1
64	10-10 External Snap Ring	—	1
65	Threaded Shifter Housing	DMIRRC-1701	1
66	O-Ring For Threaded Shifter Housing	DMIRRC-1707	1
67	Shifter Shaft	DMIRRC-1710	1
68	Shifter Shaft O-Ring	DMIRRC-1715	2
69	Shifter Shaft Snap Ring	DMIRRC-1720	1
70	Shifter Arm	DMIRRC-1725	1
71	Bolt for Shifter Arm	DMIRRC-1730	1
72	AN Washer for Shift Arm	DMIRRC-1735	1
75	2 Bolt Locking Tab	DMIRRC-1330	3
84	Silicone O-Ring for XR-2 Snout Spacer	DMIRRC-1009	1
85	Washer for Aluminum Snout Spacer	—	6
86	XR-2 Aluminum Snout Spacer	—	1

**** Part numbers may vary due to options***

NEW VENDOR

Ultimate 15" Smooth Wheel Covers for Real Style Wheels NEW!

High-impact, molded plastic wheel covers include domed centers to increase aerodynamics and reduce mud packing, while the center hole and fasteners provide a secure fit. Designed for use with Real style wheels, covers are offered in bolt-on or quick fastener styles in a variety of colors.

Color	Part No.
Bolt-On Wheel Cover	
Black	DOM1006-B-BK
Blue	DOM1006-B-BL
Chrome	DOM1006-B-CHROME
Fluorescent Orange	DOM1006-B-FOR
Fluorescent Yellow	DOM1006-B-FYE
Gray	DOM1006-B-GRY
Orange	DOM1006-B-OR
Pink	DOM1006-B-PK
Purple	DOM1006-B-PU
Red	DOM1006-B-RD
White	DOM1006-B-WH
Xtreme Green	DOM1006-B-XG
Yellow	DOM1006-B-YE
Quick Fastener Style Wheel Cover	
Black	DOM1006-D-BK
Blue	DOM1006-D-BL
Chrome	DOM1006-D-CHROME
Fluorescent Orange	DOM1006-D-FOR
Fluorescent Yellow	DOM1006-D-FYE
Gray	DOM1006-D-GRY
Orange	DOM1006-D-OR
Pink	DOM1006-D-PK
Purple	DOM1006-D-PU
Red	DOM1006-D-RD
White	DOM1006-D-WH
Xtreme Green	DOM1006-D-XG
Yellow	DOM1006-D-YE

Ultimate 15" Smooth Wheel Covers NEW!

Virtually identical to the previous high-impact wheel covers but designed for use with wheels manufactured by Aero, Bart, Bassett, Weld Racing, etc. Smooth covers with domed centers increase aerodynamics and reduce mud packing, while the center hole and fasteners provide a secure fit. Covers are offered in bolt-on or quick fastener styles in a variety of colors.

Color	Part No.
Bolt-On Wheel Cover	
Black	DOM1012-B-BK
Blue	DOM1012-B-BL
Chrome	DOM1012-B-CHROME
Fluorescent Orange	DOM1012-B-FOR
Fluorescent Yellow	DOM1012-B-FYE
Gray	DOM1012-B-GRY
Orange	DOM1012-B-OR
Pink	DOM1012-B-PK
Purple	DOM1012-B-PU
Red	DOM1012-B-RD
White	DOM1012-B-WH
Xtreme Green	DOM1012-B-XG
Yellow	DOM1012-B-YE
Quick Fastener Style Wheel Cover	
Black	DOM1012-D-BK
Blue	DOM1012-D-BL
Chrome	DOM1012-D-CHROME
Fluorescent Orange	DOM1012-D-FOR
Fluorescent Yellow	DOM1012-D-FYE
Gray	DOM1012-D-GRY
Orange	DOM1012-D-OR
Pink	DOM1012-D-PK
Purple	DOM1012-D-PU
Red	DOM1012-D-RD
White	DOM1012-D-WH
Xtreme Green	DOM1012-D-XG
Yellow	DOM1012-D-YE

Ultimate 15" Vented Wheel Covers for Real Style Wheels NEW!

Similar to the above high-impact wheel covers but in a vented design to aid brake cooling. Domed centers increase aerodynamics and reduce mud packing, while the center hole and fasteners provide a secure fit. Designed for use with Real style wheels, covers are offered in bolt-on or quick fastener styles in a variety of colors.

Color	Part No.
Bolt-On Wheel Cover	
Black	DOM1007-B-BK
Blue	DOM1007-B-BL
Chrome	DOM1007-B-CHROME
Fluorescent Orange	DOM1007-B-FOR
Fluorescent Yellow	DOM1007-B-FYE
Gray	DOM1007-B-GRY
Pink	DOM1007-B-PK
Purple	DOM1007-B-PU
Red	DOM1007-B-RD
White	DOM1007-B-WH
Xtreme Green	DOM1007-B-XG
Yellow	DOM1007-B-YE
Quick Fastener Style Wheel Cover	
Black	DOM1007-D-BK
Blue	DOM1007-D-BL
Chrome	DOM1007-D-CHROME
Fluorescent Yellow	DOM1007-D-FYE
Gray	DOM1007-D-GRY
Pink	DOM1007-D-PK
Purple	DOM1007-D-PU
Red	DOM1007-D-RD
White	DOM1007-D-WH
Xtreme Green	DOM1007-D-XG
Yellow	DOM1007-D-YE

Ultimate 15" Vented Wheel Covers NEW!

Virtually identical to the previous high-impact wheel covers but in a vented design for added brake cooling. Manufactured for use with wheels manufactured by Aero, Bart, Bassett, Weld Racing, etc., wheel covers domed centers increase aerodynamics and reduce mud packing, while the center hole and fasteners provide a secure fit. Covers are offered in bolt-on or quick fastener styles in a variety of colors.

Color	Part No.
Bolt-On Wheel Cover	
Black	DOM1013-B-BK
Blue	DOM1013-B-BL
Chrome	DOM1013-B-CHROME
Fluorescent Orange	DOM1013-B-FOR
Fluorescent Yellow	DOM1013-B-FYE
Gray	DOM1013-B-GRY
Pink	DOM1013-B-PK
Purple	DOM1013-B-PU
Red	DOM1013-B-RD
White	DOM1013-B-WH
Xtreme Green	DOM1013-B-XG
Yellow	DOM1013-B-YE
Quick Fastener Style Wheel Cover	
Black	DOM1013-D-BK
Blue	DOM1013-D-BL
Chrome	DOM1013-D-CHROME
Fluorescent Yellow	DOM1013-D-FYE
Gray	DOM1013-D-GRY
Pink	DOM1013-D-PK
Purple	DOM1013-D-PU
Red	DOM1013-D-RD
White	DOM1013-D-WH
Xtreme Green	DOM1013-D-XG
Yellow	DOM1013-D-YE

Coil-Over Springs

Draco coil-over springs are engineered to offer the fewest coils and largest coil gap currently available, reducing weight while providing maximum travel with a linear rate. All springs are preset to prevent sag.

1.875" I.D Coil-Over Springs

Rate	Part No.
8" Tall	
180	DRSDRA.L8.1.875.180
190	DRSDRA.L8.1.875.190
200	DRSDRA.L8.1.875.200
210	DRSDRA.L8.1.875.210
225	DRSDRA.L8.1.875.225
250	DRSDRA.L8.1.875.250
275	DRSDRA.L8.1.875.275
300	DRSDRA.L8.1.875.300
10" Tall	
100	DRSDRA.L10.1.875.100
120	DRSDRA.L10.1.875.120
130	DRSDRA.L10.1.875.130
140	DRSDRA.L10.1.875.140
150	DRSDRA.L10.1.875.150
160	DRSDRA.L10.1.875.160
175	DRSDRA.L10.1.875.175
180	DRSDRA.L10.1.875.180
185	DRSDRA.L10.1.875.185
190	DRSDRA.L10.1.875.190
200	DRSDRA.L10.1.875.200
210	DRSDRA.L10.1.875.210
215	DRSDRA.L10.1.875.215
225	DRSDRA.L10.1.875.225
240	DRSDRA.L10.1.875.240
250	DRSDRA.L10.1.875.250
260	DRSDRA.L10.1.875.260
275	DRSDRA.L10.1.875.275
300	DRSDRA.L10.1.875.300

2.50" I.D. Coil-Over Springs

Rate	Part No.
8" Tall	
400	DRSDRA.C8.2.5.400
12" Tall	
175	DRSDRA.C12.2.5.175
200	DRSDRA.C12.2.5.200
225	DRSDRA.C12.2.5.225
275	DRSDRA.C12.2.5.275
300	DRSDRA.C12.2.5.300

Jeff Bloom Photo by: JohnnyB Imagery

Engine Hardware Finishing Kits

Each kit includes dowel pins, cam bolts, seal housing components, woodruff keys, cam eccentrics, etc.

DURFKC-1

Part No.	Description
SB Chevy 283-400	
DURFKC-1	Without Seal Housing
DURFKC-1HP	Without Seal Housing High Performance Kit. Also Includes Cam Lock Plate, Oil Filter Adapter Bolts and Transmission Dowels.
SB Chevy 350-400	
DURFKC-1A	With Seal Housing, Includes Roller Block

Cam Bearings

American-made bearings for new or used blocks have the surface characteristics of babbitt and will withstand high valve spring pressures. Use standard-performance bearings with hydraulic or solid lifter cams or high-performance bearings with roller cams. Most are available with fluoropolymer composite coating for oil retention and less friction; some are available in .010", .020", .030", and .040" oversizes. Specify size when ordering.

Application	Standard Performance	High Performance	High Performance Coated
Chevrolet			
SB Chevy, 1964-99 283-400	DURCH-8	DURCHP-8	DURCHP-8T
SB Chevy, 1955-63 265-327	DURCH-4	DURCHP-4	—
SB Chevy "Bowtie" Block	—	DURGMP-8	DURGMP-8T
SB Chevy Brodix Aluminum Block	DURCH-5-3	DURCHP-5-3	—
SB Chevy Dart "Little M"	—	—	DURDT-1T
GM "Rocket" Block	—	DURGMP-1	DURGMP-1T

Accu-Power Pod Brake Controller

REE80500

Extremely compact and economically-priced, the Accu-Power Pod brake controller may be mounted in any direction, utilizing up-front, easy-access adjustment controls. Suitable for trailers with one or two axles, unit has a power-on LED for positive tow vehicle-to-trailer connection.

Prodigy P3 Trailer Brake Controller

REE90195

Automatically activates and adjusts trailer braking proportionally based on the tow vehicle's braking. Detects deceleration even if the controller is not mounted flat. Designed with five storable settings that allows the controller to be customized for multiple trailers, varying loads, or different drivers, and three boost levels to control braking power and aggressiveness. Manufactured with battery protection, continuous diagnostics, and LCD display. Works with up to four axles.

Prodigy P2 Trailer Brake Controller

REE90885

Automatically activates and adjusts trailer braking proportionally based on the tow vehicle's braking. Initial braking power and aggressiveness can be adjusted to three different levels. Internal sensors detect deceleration even if the controller is not mounted flat. Manufactured with built-in, rotary-style manual override lever and blue digital LED display.

I-Stop IQ Brake Control

REE20191

Totally proportional electric brake control, I-Stop IQ helps provide smooth, consistent trailer braking, while the "boost" feature provides the ability to apply more initial braking when pulling heavier loads. Digital LED readout displays connection, current voltage, and diagnostic features.

REE63223

Receiver Hitch Accessories

Part No.	Description
REE58102	Reducer Sleeve, Reduces 2-1/2" Titan Opening to 2"
REE63223	Hitch Lock, Class III Bent Pin Dead Bolt Lock, Includes (2) Keys
REE63240	Pull Pin and Cotter Pin Set, 5/8" Dia. Class III/IV Groove Style
REE118021	Plastic Trailer End 7-Way Adapter
REE2010-B125	Bolt-On/Weld-On Breakaway Switch, Includes 48" Cable
REE50-85-002	Replacement 48" Breakaway Cable and Pin
REE2010-B125	Bolt-On/Weld-On Breakaway Switch, Includes 48" Cable Tekonsha
REE50-85-002	Replacement 48" Breakaway Cable and Pin Bargman
REE118496	T-One Connector Assembly with Upgraded Converter, 4-Flat Plug and Cap
REE54000-026	4-Flat Trailer End Connector, 11" Long, Coiled
REE54006-009	7-Way Connector Harness, Trailer End with 6' Cable, HD Blue Silicon Insulated

Hitch Balls

Chrome-plated solid steel hitch balls. Offered in two sizes.

Part No.	Ball Diameter	Shank Diameter	Length	Capacity
REE63908	2-5/16"	1"	2-1/8"	7,500 lbs.
REE63909	2"	1"	2-1/8"	7,500 lbs.

Pro Series Jacks

Pro Series jacks provide a safe, reliable method of raising trailers.

Part No.	Description
REE1400600303	A-Frame Topwind Jack, Round Tube, Weld/Bolt-On, 5,000 lbs.
REE1400850383	Sidewind Jack, Square Tube, 15" Travel, 8,000 lbs.
REE1400980376	Sidewind Jack, Weld-On, Square Tube, 12-1/2" Travel, 12,000 lbs.
REE1401460303	Topwind Jack, Round Tube, Weld-On, 5,000 lbs.

Bulldog A-Frame Jacks

Bulldog A-frame jacks have 15" of travel and a 5,000-lb. capacity. Bolt-on.

Part No.	Description
REE1700100317	Sidewind Jack, Round Tube, Bolt-On, 15" Travel, 5,000 lbs.
REE195318	Topwind Jack, Square Tube, Bolt-On, 15" Travel, 5,000 lbs.

Side Marker/Clearance Lights

Ideal when replacing an existing light or adding side marker lights for added safety.

Part No.	Description
REE30-59-001	Side Marker/Clearance Light, Red 59 Series, 4" x 2", Red Lens/White Base
REE34-17-809	Clearance Light, Amber 178 Series, 3-7/8" x 1-7/8" x 3/4", Amber/White Base

DRIVEN RACING OIL®
DRIVEN TO WIN

GP-1 Synthetic Blend High Performance Oil

Engineered for competition or street performance applications, GP-1 is blended with genuine Pennsylvania Grade base oil, which allows it to achieve a higher Pressure-Viscosity Coefficient for superior film thickness, while also incorporating Driven's high-zinc (ZDDP) additive technology. Available in viscosities of 5W-20, 10W-30, 15W-40, and 20W-50. Sold in one-quart bottles.

Part No.	1-qt. Bottle
JGP19206	5W-20
JGP19306	10W-30
JGP19406	15W-40
JGP19506	15W-50

GP-1 30 Grade Break-In Oil
JGP19336

Specialty motor oil combines Pennsylvania Grade base oil with Driven's high-zinc (ZDDP), low-detergent package for superior break-in protection. Formula helps protect flat tappet, overhead, and roller cam engines during the break-in process, while additionally aiding piston ring seating. Viscosity typical of SAE 30W. Sold in one-quart bottle.

XP1 Synthetic Racing Oil
JGP00006

XP1 Synthetic Racing Oil has a viscosity typical of SAE 5W-20. Ideal for engines where bearing clearances are less than .0025". Not API certified. Sold in a 1-quart bottle.

XP2 Synthetic Racing Oil
JGP00206

Joe Gibbs Racing XP2 Racing Oil is engineered for high RPM racing engines with bearing clearances under .002", oil has a viscosity typical of SAE 0W-20. Not API certified. Sold in a 1-quart bottle.

XP3 Synthetic Racing Oil
JGP00306

Similar to XP1 with a higher viscosity typical of SAE 10W-30, for improved high-temperature/high-shear protection. Formulated for aluminum blocks and all engines with bearing clearances greater than .0025". Not API certified. Sold in a 1-quart bottle.

XP4 Performance Racing Oil
JGP00506

Petroleum-based lubricant is a low-cost alternative to synthetic race oils. Viscosity is typical of SAE 15W-50 and is ideal for racers who change oil after every race. Works well in engines with clearances in excess of .0025". Not API certified. Sold in a 1-quart bottle.

XP5 Semi-Synthetic Racing Oil
JGP00906

A semi-synthetic lubricant offers the added benefits of high-temperature shear protection and oxidation stability without the high cost of a synthetic. Viscosity is typical of SAE 20W-50. Not API certified. Sold in a 1-quart bottle.

XP6 Synthetic Racing Oil
JGP01006

A full-synthetic, 15W-50 version of race-proven XP4. Oil provides outstanding cold start protection and superior bearing oil film thickness. Designed for aluminum blocks or applications with looser clearances, oil has a viscosity typical of SAE 15W-50. Not API certified. Sold in a 1-quart bottle.

XP7 Semi-Synthetic Racing Oil
JGP01706

Combines the performance of XP3 with the economical price of XP5. Viscosity is typical of SAE 15W-40. Not API certified. Sold in a 1-quart bottle.

DRIVEN
DRIVEN TO WIN RACING OIL®

XP8 Petroleum Racing Oil
JGP01906

High-zinc, petroleum formula racing oil offers low-cost protection in a non-synthetic oil. Recommended for small block, flat tappet engines with clearances less than .0027". Not API certified. Sold in a 1-quart bottle.

XP9 Synthetic Racing Oil
JGP03206

XP9 offers high-temperature, high-shear protection to high-compression wet sump applications, and is compatible with methanol and high-octane racing fuels. Formulated with anti-wear and friction reducing additives. Viscosity is typical of 10W-40. Sold in a 1-quart bottle.

LS30 Synthetic Oil *JGP02906*

Engineered specifically for GM LS series engines, lubricant includes advanced synthetic base oils to deliver exceptional high-temperature and high-shear protection. Well suited to LS "crate" or modified engines. Viscosity typical of SAE 5W-30. Sold in a 1-quart bottle.

BR Break-In Oil

Petroleum-based oil has superior break-in properties, particularly in flat tappet engines. Lubricant promotes ring seal and protects camshaft and lifters with the highest levels of zinc and phosphorus. Offered in BR30 (SAE 5W-30), BR40 (SAE 10W-40), and BR50 (SAE 15W-50) formulas. Sold in a 1-quart bottle.

Description	1-qt. Bottle
BR30	JGP01806
BR40	JGP03706
BR50	JGP00106

Synthetic Gear Oil

Formulated for differentials and manual transmissions, synthetic gear oil reduces operating temperatures by up to 15°F. Offered in Racing 75W-85 or 75W-110, and 75W-90 GL-5-approved formulas. Sold in 1-quart bottles or 5-gallon pails.

Description	1-qt. Bottle	5-Gallon Pail
Synthetic Racing 75W-85	JGP00830	—
Synthetic Racing 75W-110	JGP00630	JGP00617
Synthetic GL-5 75W-90	JGP04230	—

Conventional Gear Oil *JGP04530*

A basic gear oil that protects yellow metals, while offering proper synchronization to prevent clashing in manual transmissions. Recommended for any race or street performance application where a GL-4 gear oil is required. Viscosity typical of 80W-90. 1-quart bottle.

Power Steering Fluid
JGP01306

A full-synthetic formula with exceptional high-temperature foam resistance. Fluid helps reduce temperatures and resists foaming. Sold in a 1-quart bottle.

Cooling System Protector
JGP50030

Impurities in well water can cause rust and corrosion inside the radiator, block, water pump, and cylinder heads which can lead to a loss of cooling system efficiency. Cooling System Protector stops the adverse effects of hard water on these critical components. Sold in a 1-quart bottle.

High-Viscosity Lubricant
JGP50050

Designed for use as an engine assembly lubricant, HVL extends film thickness, while protecting reciprocating and rotating components during assembly and initial break-in. May be also added to oil to increase film thickness. Sold in 8-oz. bottle.

Speed Clean/Brake and Parts Cleaner

Speed Clean is a powerful, multi-surface cleaner that wipes away tire rubber, dirt, and grime without harming paint. Simply spray on, let soak, and wipe off. Sold in 18-oz. aerosol cans.

Description	18-oz. Can
Speed Clean	JGP50010
Brake and Parts Cleaner	JGP50020

DRIVEN RACING OIL®
DRIVEN TO WIN

Ball Spline Grease *JGP70070*

Ideally suited to cambered rear housing axles and drive plates, spline grease is designed to extend the durability of high-speed sliding spline teeth in racing applications. High-viscosity, synthetic-base grease provides increased thermal stability and oxidation resistance, while Moly fortification delivers protection from wear. Sold in a half-pound tub.

Extreme Pressure Chassis Grease *JGP70030*

A premium extreme pressure grease with excellent load-carrying ability. Designed for high-temperature, and high loads. Provides exceptional mechanical stability in a NLGI #2 grease. Sold in 400 g cartridge.

Engine Assembly Grease

Unparalleled engine protection during initial start-up when combined with BR oil.

Part No.	Description
JGP00728	1-lb. Tub
JGP00732	1-oz. Tube

Dupli-Color

Krylon Fusion All-In-One Satin Black Paint *SHE2732*

Premium paint adheres to a wide variety of surfaces including plastic, metal, glass and hard vinyl. Indoor/outdoor product offers maximum rust protection. 12-oz. aerosol can.

Dry Film Graphite Lubricant *SHES00204000*

Suitable for lubricating a wide variety of chassis components. 10-oz. aerosol.

Multi-Purpose Foaming Prep Cleaner *SHEPS200* NEW!

Fast-drying, water-borne formula is used to remove wax, oils, and other contaminants prior to painting. Product will not affect primed surfaces, and is ideal for removing dust created by sanding. 11-oz. aerosol.

Engine Enamel and High-Heat Paint

SHEDE1601 SHEDE1606

Advanced formula include ceramic resins for increased heat dissipation and gloss retention. Resins also offer protection from excessive heat and automotive fluids. Engine enamels resist temperatures up to 500°F.

Part No.	Description
Engine Enamels	
SHEDE1601	Ford Blue
SHEDE1606	Ford Dark Blue
SHEDE1607	Chevrolet Orange/Red
SHEDE1608	GM Blue
SHEDE1609	Chevrolet Blue
SHEDE1611	New Ford Gray
SHEDE1612	Gray Primer
SHEDE1613	Gloss Black
SHEDE1615	Aluminum
SHEDE1620	Chevrolet Orange
SHEDE1634	GM/Chrysler Low Gloss Black
SHEDE1635	Ford Semi-Gloss Black
SHEDE1650	Cast Coat Aluminum
SHEDE1651	Cast Coat Iron
Premium Enamels	
SHEDA1600	Gloss Black
SHEDA1603	Semi-Gloss Black
SHEDA1605	Flat Black
SHEDAP1690	Self-Etching Primer

1-800-TOP RODS
DYER'S
TOP RODS

SB Chevy Forged Connecting Rods

Premium-quality connecting rods are manufactured from 300M aircraft quality steel. Rods are bushed and come fitted with ARP fasteners. Choose from "L" (Light) and "UL" (Ultra Light) series. Sets of eight.

Part No.	Length	Journal	Pin	Beam	Bolt	Weight
UL (Ultra Light) Series						
DYR6000NHSBCLJ7200AD	6.000"	2.225"	.927"	Standard	7/16"	620 grams
L (Light) Series						
DYR6000NHSBCLJ7200AD	6.000"	2.225"	.927"	Standard	7/16"	665 grams
DYR6000NLSBCSJ7200AD	6.000"	2.125"	.927"	Standard	7/16"	625 grams

Dynatech
Competition Exhaust Systems

V-Clamp Kit *DTH794-91235*

The V-Clamp Kit provides a reusable leak-free connection that allows quick disconnection. Designed for 3-1/2" diameter exhaust, kit includes two weld-on V-clamp rings and stainless steel V-band clamp.

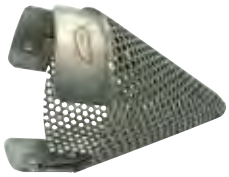
Turndowns

Often used to reduce noise levels on race cars. Sold individually.

Part No.	Size
DTH780-00100	3"
DTH780-00200	3-1/2"
DTH780-00050	4"

Vortex Cone

The Vortex Cone is the first muffler insert on the market that delivers significant noise reduction with little or no increase in back pressure. The 304 stainless steel cone slips inside the collector at the end of the header. High efficiency and absorption qualities coupled with low back pressure add up to a 6-8% horsepower and torque advantage over most insert mufflers. ***Note: Mounting tabs should be inset 1/2" from the end of the collector. Weld the mounting tabs to the inside of the collector, do not use rivets.***

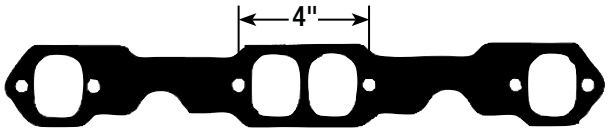
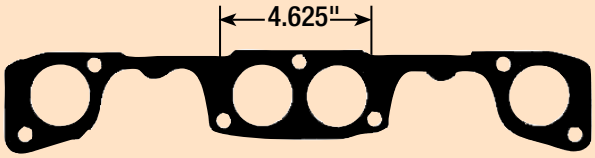
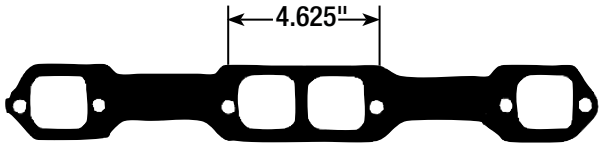


Vortex
Insert Cone

Part No.	Description
DTH772-32510	3-1/2"
DTH772-32520	3"
DTH772-32530	4"

SMALL BLOCK CHEVY EXHAUST FLANGES

PICTURED FOR REFERENCE.

Part No.	Description
"A" Standard Chevrolet	
"B" Brodix Spread Port	
"C" Chevrolet 18° Centered	

Eagle Specialty Products, Inc.

Cast Steel Crankshafts

Reliable cast steel crankshafts are the alternative to refurbished factory cranks. Perfect for up to 500 horsepower, all cranks are inspected for dimensional accuracy. Offered in standard or lightweight pendulum versions.

Part No.	Engine	Rear Main	Bal.	Stroke	Notes
SB Chevy 305					
EAG103053480SP	305	2-Pc.	Int.	3.480"	Race Saver
SB Chevy 350					
EAG103503480CM	350	2-Pc.	Int.	3.480"	IMCA Legal/No Lightening Holes
EAG103503480*	350	2-Pc.	Int.	3.480"	5.700" Min. Rod Length
EAG103523480	350	1-Pc.	Int./ Ext.	3.480"	Balance with OEM Flexplate/Flywheel
EAG103503750*	383	2-Pc.	Ext.	3.750"	5.700" Min. Rod Length
EAG103503750571*	383	2-Pc.	Int.	3.750"	5.700" Min. Rod Length
EAG103523750	383	1-Pc.	Ext.	3.750"	Not for Use with LT-1
EAG104003750	400	2-Pc.	Ext.	3.750"	5.565" Min. Rod Length

**** Also stocked in ESP armor finish, simply substitute "9" in first digit of part number. Example: EAG103503480***

Forged 4340 Steel Crankshafts

Non-twist, 4340 forgings are ground, cross-drilled, stress-relieved, shot-peened, micro-polished, and nitrided. Rod journals are indexed for correct stroke. Finally, the crank is X-rayed, magnafluxed, sonic-tested, and inspected. Choose from standard, lightweight, and featherweight versions.

Part No.	Description	Stroke	Rod Length	Rod Journal
EAG435034805700*	Internal Balance	3.480"	5.700"	2.100"
EAG4350348057LA	Internal Balance - Ltwt.	3.480"	5.700"	2.100"
EAG435035005700	Internal Balance	3.500"	5.700"	2.100"
EAG435035625700	Internal Balance	3.562"	5.700"	2.100"
EAG435036255700	Internal Balance	3.625"	5.700"	2.100"
EAG435037505700*	Internal Balance	3.750"	5.700"	2.100"
EAG4350375057LA	Internal Balance - Ltwt.	3.750"	5.700"	2.100"
EAG435040006000	Internal Balance	4.000"	6.000"	2.100"
SB Chevy 400 (400 Main Sizing, No Spacer Bearings Required)				
EAG440034805700	Internal Balance	3.480"	5.700"	2.100"
EAG434636226100	Internal Balance	3.622"	6.125"	2.100"
EAG440037505700*	Internal Balance	3.750"	5.700"	2.100"
EAG440038756000	Internal Balance	3.875"	6.000"	2.100"
EAG440040006000	Internal Balance	4.000"	6.000"	2.100"
EAG434640006100	Internal Balance	4.000"	6.125"	2.100"

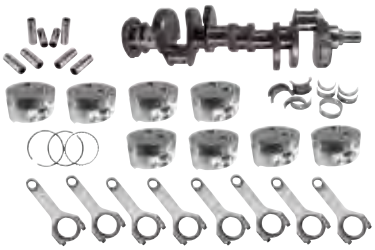
**** Also stocked in ESP armor finish, simply substitute "9" in first digit of part number.***

Replacement Components

Silicon Bronze Wrist Pin Bushings

Part No.	Applications	I.D.	O.D.	Length
EAGB927-1	SB Chevy	.864"	.972"	1.050"
EAGB928-1	SB Chevy	.900"	.972"	1.012"

SB Chevy Competition Rotating Assemblies with 4340 Crankshaft



"ESP" rotating assemblies include name brand-quality components, essential when assembling a durable race engine. Each kit includes "ESP" forged 4340 steel crankshaft, "ESP" pin fit 4340 H-beam 3-D connecting rods, SRP/JE forged or Keith Black hypereutectic pistons and pins, standard or file-fit piston rings and Federal Mogul or Clevite 77 main and rod bearings. SB Chevy compression ratios are based on a 64cc combustion chamber. All assemblies use early 2-piece rear main seals. Please specify bore size when ordering.

Part No.	Bore	Stroke	Rod	Piston/Type	Comp. Ratio	Rings
SB Chevy 350						
EAG12001030	4.030"	3.480"	5.700"	Mahle Forged/Flat Top	9.5:1	File Fit
EAG12001040	4.040"	3.480"	5.700"	Mahle Forged/Flat Top	9.6:1	File Fit
EAG12004030	4.030"	3.480"	6.000"	Mahle Forged/Dome	11.5:1	File Fit
EAG12004060	4.060"	3.480"	6.000"	Mahle Forged/Dome	11.7:1	File Fit
EAG12007030	4.030"	3.750"	5.700"	SRP Forged/Inv. Dome	9.3:1	File Fit
EAG12008030	4.030"	3.750"	5.700"	Mahle Forged/Flat Top	10.4:1	File Fit
EAG12011030	4.030"	3.750"	6.000"	Mahle Forged/Flat Top	10.4:1	File Fit
EAG12011060	4.060"	3.750"	6.000"	Mahle Forged/Flat Top	10.6:1	File Fit
EAG12012030	4.030"	3.750"	6.000"	SRP Forged/Dome	12.9:1	File Fit
EAG12012040	4.040"	3.750"	6.000"	SRP Forged/Dome	12.9:1	File Fit
EAG12012060	4.060"	3.750"	6.000"	SRP Forged/Dome	13.0:1	File Fit
EAG12020030	4.030"	3.500"	6.000"	SRP Forged/Flat Top	10.3:1	File Fit
EAG12020040	4.040"	3.500"	6.000"	SRP Forged/Flat Top	10.3:1	File Fit
SB Chevy 400						
EAG12504030	4.155"	3.750"	6.000"	SRP Forged/Dome	12.9:1	File Fit
EAG12504040	4.165"	3.750"	6.000"	SRP Forged/Dome	12.9:1	File Fit

Replacement Rod Bolts

Manufactured by ARP specifically for use in Eagle rods. Not "off-the-shelf" ARP rod bolts.

Part No.	Thread Dia.	Type	UHL	Qty.
EAG12000	7/16"	8740	1.600"	16
EAG12055	3/8"	2000	1.500"	16
EAG12080	7/16"	8740	1.750"	16
EAG14000	7/16"	L19	1.600"	16
EAG14020	7/16"	L19	1.750"	16
EAG20000	7/16"	2000	1.600"	16
EAG20030	7/16"	2000	1.800"	16
EAG20060	3/8"	2000	1.500"	8
EAG20070	3/8"	2000	1.500"	16

Eagle Specialty Products, Inc.

3-D H-Beam Connecting Rods

Durable and affordable 3-D forged rods are sized and finished in the U.S.A., and fitted with ARP 7/16", 190,000 PSI cap screw bolts. Many are available with premium ARP L-19, 265,000 PSI fasteners (add the suffix "L19" to the part number). All rods have alignment sleeves to positively locate the rod cap, assuring big end bore size and eliminating cap walk. Rods are bushed for use with full-floating pins. Sold in weight-matched sets.

Part No.	Description	Center-to-Center Length	Gram Weight	Crank Pin Dia.	Big End Width	Pin End Bore
SB Chevy						
EAGCRS5700B3D*	Large Journal, 327, 350	5.700"	630	2.100"	.940"	.927"
EAGCRS5700S3D	Small Journal, 283, 327	5.700"	670	2.000"	.940"	.927"
EAGCRS5850B3D	Large Journal, +.150"	5.850"	650	2.100"	.940"	.927"
EAGCRS6000B3D*	Large Journal, +.300"	6.000"	640	2.100"	.940"	.927"
EAGCRS6000BLW**	Large Journal, +.300", Lightweight	6.000"	545	2.100"	.940"	.927"
EAGCRS6000B3D2000	Large Journal, +.300", Extreme Duty	6.000"	645	2.100"	.940"	.927"
EAGCRS6000B3DL19	Large Journal, +.300", L19	6.000"	645	2.100"	.940"	.927"
EAGCRS6000S3D	Small Journal, +.300"	6.000"	680	2.000"	.940"	.927"
EAGCRS6000S3D2000	Small Journal, +.300", Extreme Duty	6.000"	660	2.000"	.940"	.927"
EAGCRS6000BST	Large Journal, Max Stroke	6.000"	645	2.100"	.940"	.927"
EAGCRS6125B3D	Large Journal, +.425"	6.125"	660	2.100"	.940"	.927"
EAGCRS6125B3DL19	Large Journal, +.425", L19	6.125"	660	2.100"	.940"	.927"

**** Also stocked in ESP armor finish, simply add "9" prior to rod length.***

***** Featherweight rods are for applications with UNDER 500 horsepower only.***

EARL'S PERFORMANCE PLUMBING
A Holley Performance Brand

Pro-Lite 350 Hose

Pro-Lite 350 Racing Hose is designed for use with Earl's Swivel-Seal or Auto-Crimp hose ends. Hose is ultra lightweight, yet delivers superior durability and resistance to high temperatures. Save up to 30 lbs. when replacing the braided steel oil, fuel, and coolant hoses on a race car using a dry sump type engine. Abrasion-resistant nylon sheathing is bonded to the synthetic rubber liner's textile inner braid for added durability.

Hose Size	I.D.	O.D.	Max. Oper. Pressure	Burst Pressure	Min. Bend Radius	3 Ft.	6 Ft.	10 Ft.	20 Ft.
-4	.22"	.44"	350	1400	2.00"	EAR350304ERL	EAR350604ERL	—	EAR352004ERL
-6	.35"	.55"	350	1400	2.25"	EAR350306ERL	EAR350606ERL	EAR351006ERL	EAR352006ERL
-8	.44"	.65"	350	1400	3.50"	EAR350308ERL	EAR350608ERL	EAR351008ERL	EAR352008ERL
-10	.57"	.80"	350	1400	4.00"	EAR350310ERL	EAR350610ERL	EAR351010ERL	EAR352010ERL
-12	.69"	.94"	350	1400	4.50"	EAR350312ERL	EAR350612ERL	EAR351012ERL	EAR352012ERL
-16	.88"	1.16"	300	1200	5.50"	EAR350316ERL	EAR350616ERL	EAR351016ERL	EAR352016ERL

Ano-Tuff Swivel-Seal Hose Ends

Ano-Tuff Hose Ends are made from hard anodized aluminum and offer exceptional resistance to wear and corrosion. Hose ends have a bright, black anodized finish and are compatible with Perform-O-Flex, Auto-Flex, and Pro-Lite 350 hose.

Hose Size	Part No.
Straight	
-6	EARAT800106ERL
-8	EARAT800108ERL
-10	EARAT800110ERL
-12	EARAT800112ERL
-16	EARAT800116ERL
30° Tube	
-6	EARAT803106ERL
-10	EARAT803110ERL
-12	EARAT803112ERL
45° Low Profile	
-6	EARAT804506ERL
-8	EARAT804508ERL
-10	EARAT804510ERL
-12	EARAT804512ERL

Hose Size	Part No.
45° Tube	
-6	EARAT804606ERL
-8	EARAT804608ERL
-10	EARAT804610ERL
-12	EARAT804612ERL
-16	EARAT804616ERL
60° Tube	
-6	EARAT806106ERL
-12	EARAT806112ERL
90° Low Profile	
-6	EARAT809006ERL
-8	EARAT809008ERL
-10	EARAT809010ERL
-12	EARAT809012ERL
-16	EARAT809016ERL

Hose Size	Part No.
90° Tube	
-6	EARAT809106ERL
-8	EARAT809108ERL
-10	EARAT809110ERL
-12	EARAT809112ERL
-16	EARAT809116ERL
120° Tube	
-6	EARAT812006ERL
-8	EARAT812008ERL
-10	EARAT812010ERL
-12	EARAT812012ERL
180° Tube	
-6	EARAT818006ERL
-8	EARAT818008ERL
-10	EARAT818010ERL

Straight

45° Swivel Tube

90° Swivel Low Profile

120° Swivel Tube

EARL'S PERFORMANCE PLUMBING
A Holley Performance Brand

Swivel-Seal™ Aluminum Hose Ends

Swivel-Seal Hose Ends may be used with Perform-O-Flex, Pro-Lite 350, Auto-Flex, or Ruff-Stuff stainless braided hoses. The Swivel-Seal has a cutter-style end, used for over 40 years in the aerospace industry and 20 years in automotive competition. During assembly of cutter-style fittings, the end cuts into the hose to create a tight, leak-proof seal.

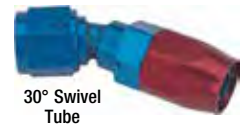
Hose Size	Part No.
Straight	
-6	EAR800106ERL
-8	EAR800108ERL
-10	EAR800110ERL
-12	EAR800112ERL
-16	EAR800116ERL
30° Tube	
-6	EAR803106ERL
-8	EAR803108ERL
-12	EAR803112ERL
45° Low Profile	
-6	EAR804506ERL
-8	EAR804508ERL
-10	EAR804510ERL
-12	EAR804512ERL
-16	EAR804516ERL

Hose Size	Part No.
45° Tube	
-6	EAR804606ERL
-8	EAR804608ERL
-10	EAR804610ERL
-12	EAR804612ERL
60° Tube	
-6	EAR806106ERL
-10	EAR806110ERL
-12	EAR806112ERL
90° Low Profile	
-6	EAR809006ERL
-8	EAR809008ERL
-10	EAR809010ERL
-12	EAR809012ERL

Hose Size	Part No.
90° Tube	
-6	EAR809106ERL
-8	EAR809108ERL
-10	EAR809110ERL
-12	EAR809112ERL
-16	EAR809116ERL
120° Tube	
-6	EAR812006ERL
-8	EAR812008ERL
-10	EAR812010ERL
-12	EAR812012ERL
-16	EAR812016ERL
150° Tube	
-6	EAR815006ERL
-10	EAR815010ERL
-12	EAR815012ERL
-16	EAR815016ERL
-16	EAR812016ERL

Hose Size	Part No.
180° Tube	
-6	EAR818006ERL
-8	EAR818008ERL
-12	EAR818012ERL

Straight


30° Swivel Tube

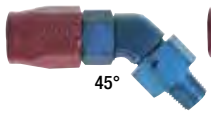
90° Low Profile Tube

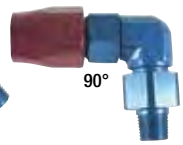
120° Swivel Tube

Swivel-Seal™ Male Threaded Hose Ends

Swivel-Seal hose ends thread directly into a female port without adapters. The coupler may be rotated independently of the hose end, allowing the coupler to be threaded into the port while the hose and hose end remain stationary.

Straight


45°

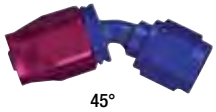

90°

Male Thread Size	Hose Size	Straight	45° Tube	90° Tube
1/4" NPT	-6	EAR820106ERL	EAR824506ERL	EAR829006ERL
3/8" NPT	-6	EAR820166ERL	—	EAR829066ERL
3/8" NPT	-8	—	—	EAR829008ERL
1/2" NPT	-8	EAR820188ERL	—	—

Auto-Fit™ Aluminum Hose Ends

Earl's Auto-Fit hose ends with nipple ends have the reliability and appearance of Swivel-Seal ends, but are easier to assemble, and less expensive. During assembly, the barbed nipple is pushed into the hose, securing hose between the nipple and socket, providing a tight, secure seal.

Straight


45°

90°

Size	Straight	45° Tube	90° Tube	180° Tube
-4	EAR300104ERL	EAR304604ERL	EAR309104ERL	—
-6	EAR300106ERL	EAR304606ERL	EAR309106ERL	EAR318006ERL
-8	EAR300108ERL	EAR304608ERL	EAR309108ERL	—
-10	EAR300110ERL	EAR304610ERL	EAR309110ERL	—
-12	EAR300112ERL	EAR304612ERL	EAR309112ERL	—
-16	EAR300116ERL	—	EAR309116ERL	—
- 20	EAR300120ERL	EAR304620ERL	—	—

Auto-Mate Hose Ends

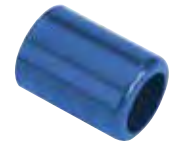
Auto-Mate Hose Ends are offered in traditional blue anodized or black Ano-Tuff hard anodized aluminum. Hose ends are compatible with Auto-Flex or Perform-O-Flex stainless steel braid protected hoses. Professional, reliable plumbing at a reasonable price. Requires auto crimp collars listed below.

Blue Anodized	Ano-Tuff	Hose End	Adapter Size	Hose Size
Straight				
—	EARAT700104ERL	-4	-4	-4
EAR700106ERL	EARAT700106ERL	-6	-6	-6
EAR700108ERL	EARAT700108ERL	-8	-8	-8
EAR700110ERL	EARAT700110ERL	-10	-10	-10
—	EARAT700112ERL	-12	-12	-12
—	EARAT700116ERL	-16	-16	-16
45°				
EAR704608ERL	EARAT704608ERL	-8	-8	-8
—	EARAT704610ERL	-10	-10	-10
—	EARAT704612ERL	-12	-12	-12
—	EARAT704616ERL	-16	-16	-16
90°				
—	EARAT709104ERL	-4	-4	-4
EAR709106ERL	EARAT709106ERL	-6	-6	-6
EAR709108ERL	EARAT709108ERL	-8	-8	-8
EAR709110ERL	EARAT709110ERL	-10	-10	-10
—	EARAT709112ERL	-12	-12	-12
—	EARAT709116ERL	-16	-16	-16

Auto Crimp Collars

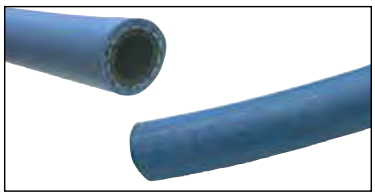
Required for use with the above Auto-Mate hose ends. Sold individually.

Part No.	Hose End	Hose Size
EAR798063ERL	-6	-6
EAR798083ERL	-8	-8



EARL'S PERFORMANCE PLUMBING
A Holley Performance Brand

Super Stock Hose



Earl's Super Stock hose is a blue, high-quality synthetic rubber hose reinforced with an internal braided fabric sheath. For use with Earl's Super Stock hose ends only. Super Stock hose is rated at 250 PSI and 250°F, and is an excellent replacement for original equipment applications. Not for use with brake fluid. On applications where maximum temperature range is expected, compression of the Super Stock collar is required.

Hose Size	I.D.	O.D.	Max. Oper. Pressure	Min. Bend Radius	10-Ft. Length	20-Ft. Length
-6	3/8"	5/8"	250	3"	EAR791006ERL	EAR792006ERL
-8	1/2"	3/4"	250	5"	EAR791008ERL	EAR792008ERL
-10	5/8"	15/16"	250	6"	EAR791010ERL	EAR792010ERL

Super Stock Hose Ends

Super Stock hose ends are an attractive, lightweight direct replacement for the brass push-lock type. Available in many configurations, fittings are machined from aluminum alloy then anodized in red and blue. Use Super Stock hose ends with Earl's Super Stock hose (not intended for use with stainless braid-protected hoses). Hose ends are a favorite with professional racers and in limited production stock applications.
End collars may be compressed.

Part No.	AN Fitting Size	Hose No.	Hose Size
Straight			
EAR700167ERL	-6	-6	3/8"
EAR700109ERL	-8	-8	1/2"
EAR700111ERL	-10	-10	5/8"
45°			
EAR704667ERL	-6	-6	3/8"
EAR704609ERL	-8	-8	1/2"
EAR704611ERL	-10	-10	5/8"
90°			
EAR709167ERL	-6	-6	3/8"
EAR709109ERL	-8	-8	1/2"
EAR709111ERL	-10	-10	5/8"

Aluminum Tubing Adapters

Adapt AN fittings to aluminum tubing.

Standard	Ano-Tuff	Hose End Size	Tube Size
EAR165056ERL	EARAT165056ERL	-6 Male	5/16"
—	EARAT165064ERL	-6 Male	1/4"
EAR165006ERL	EARAT165006ERL	-6 Male	3/8"
EAR165086ERL	EARAT165086ERL	-8 Male	3/8"
EAR165008ERL	—	-8 Male	1/2"
EAR165010ERL	—	-10 Male	5/8"
EAR165156ERL	—	-6 Female	5/16"
EAR165106ERL	—	-6 Female	3/8"
EAR165108ERL	—	-8 Female	1/2"
EAR165110ERL	—	-10 Female	5/8"

Aluminum AN to AN Adapters

Oil Cooler Adapters

Black 2024 aluminum oil cooler adapters allow changing from straight AN male to straight ORB male. Sold in pairs.

Part No.	Description
EARAT585106ERL	-6AN Male to -10ORB Male
EARAT585110ERL	-10AN Male to -10ORB Male
EARAT585112ERL	-12AN Male to -10ORB Male

EARAT585106ERL

Union Male

Fitting Size	Steel	Aluminum	Ano-Tuff
-3	EAR961503ERL	EAR981503ERL	—
-4	EAR961504ERL	EAR981504ERL	EARAT981504ERL
-6	—	EAR981506ERL	EARAT981506ERL
-8	—	EAR981508ERL	EARAT981508ERL
-10	—	EAR981510ERL	EARAT981510ERL
-12	—	EAR981512ERL	EARAT981512ERL
-16	—	EAR981516ERL	EARAT981516ERL

Union Reducer

Large Fitting Size	Small Fitting Size	Standard	Ano-Tuff
-4	-3	EAR991902ERL	EARAT991902ERL
-6	-4	EAR991906ERL	—
-6	-5	EAR991907ERL	EARAT991907ERL
-8	-6	EAR991912ERL	EARAT991912ERL
-10	-6	EAR991914ERL	EARAT991914ERL
-10	-8	EAR991915ERL	EARAT991915ERL
-12	-6	EAR991918ERL	—
-12	-8	EAR991919ERL	—
-12	-10	EAR991920ERL	—

Flare Reducers

Female Fitting Size	Male Fitting Size	Standard	Ano-Tuff
-6	-4	EAR9892064ERL	EARAT9892064ERL
-8	-4	EAR9892084ERL	EARAT9892084ERL
-8	-6	EAR9892086ERL	EARAT9892086ERL
-10	-4	—	EARAT9892104ERL
-10	-6	EAR9892106ERL	EARAT9892106ERL
-10	-8	EAR9892108ERL	EARAT9892108ERL
-12	-6	EAR9892126ERL	EARAT9892126ERL
-12	-8	EAR9892128ERL	—
-12	-10	EAR9892120ERL	EARAT9892120ERL
-16	-12	EAR9892162ERL	EARAT9892162ERL

AN Reducer, O-Ring

Part No.	Female Fitting Size	Male Fitting Size
EAR989443ERL	-4	-3
EAR989464ERL	-6	-4
EAR989486ERL	-8	-6
EAR989404ERL	-10	-8
—	-12	-8
EAR989410ERL	-12	-10
EAR989411ERL	-16	-12

Tee

Hose End Size	Standard	Ano-Tuff
-3	EAR962403ERL*	—
-3	EAR982403ERL	EARAT982403ERL
-4	EAR982404ERL	—
-6	EAR982406ERL	EARAT982406ERL
-8	EAR982408ERL	EARAT982408ERL
-10	EAR982410ERL	EARAT982410ERL

**** Steel part***

EARL'S PERFORMANCE PLUMBING
A Holley Performance Brand

90° Elbow

Part No.	Fitting Size
EAR982106ERL	-6
EAR982108ERL	-8
EAR982110ERL	-10

Port Adapters (O-Ring Seal)

Available in traditional blue anodized aluminum or Ano-Tuff black hard anodized aluminum finishes. An O-ring is included.

Standard	Ano-Tuff	AN Size	Port Thread
EAR985064ERL	EARAT985064ERL	-6	-4
EAR985006ERL	EARAT985006ERL	-6	-6
EAR985068ERL	EARAT985068ERL	-6	-8
EAR985086ERL	EARAT985086ERL	-8	-6
EAR985008ERL	EARAT985008ERL	-8	-8
EAR985081ERL	EARAT985081ERL	-8	-10
EAR985009ERL	EARAT985009ERL	-10	-8
EAR985010ERL	EARAT985010ERL	-10	-10
EAR985011ERL	EARAT985011ERL	-10	-12
EAR985013ERL	EARAT985013ERL	-12	-10
EAR985012ERL	EARAT985012ERL	-12	-12

Straight Bulkhead

Fitting Size	Standard	Ano-Tuff
-3	EAR963203ERL*	—
-3	EAR983203ERL	EARAT983203ERL
-4	EAR983204ERL	—
-6	EAR983206ERL	EARAT983206ERL
-8	EAR983208ERL	EARAT983208ERL
-10	EAR983210ERL	EARAT983210ERL
-12	—	EARAT983212ERL
-16	EAR983216ERL	EARAT983216ERL

*** Steel Part**

45° Bulkhead

Fitting Size	Standard	Ano-Tuff
-3	—	EARAT983703ERL
-4	—	EARAT983704ERL
-6	—	EARAT983706ERL
-8	EAR983708ERL	EARAT983708ERL
-10	EAR983710ERL	EARAT983710ERL

90° Bulkhead

Fitting Size	Steel	Standard	Ano-Tuff
-3	EAR963303ERL	EAR983303ERL	EARAT983303ERL
-4	—	EAR983304ERL	EARAT983304ERL
-6	—	EAR983306ERL	EARAT983306ERL
-8	—	EAR983308ERL	—
-10	—	EAR983310ERL	EARAT983310ERL

Bulkhead Tee

Fitting Size	Standard	Ano-Tuff
-3	EAR963403ERL*	—
-3	EAR983403ERL	EARAT983403ERL
-6	EAR983406ERL	—

*** Steel Part**

Bulkhead Tee on Run

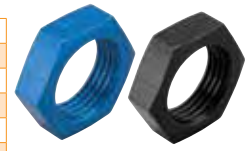
Fitting Size	Standard	Steel
-3	EAR980403ERL	EAR960403ERL

Aluminum AN to AN Adapters

Bulkhead Nut

Fitting Size	Quantity Per Pkg.	Standard	Ano-Tuff
-3	2	EAR502403ERL*	—
-3	2	EAR592403ERL	EARAT592403ERL
-4	2	EAR592404ERL	EARAT592404ERL
-6	2	EAR592406ERL	EARAT592406ERL
-8	1	EAR992408ERL	EARAT992408ERL
-10	1	EAR992410ERL	EARAT992410ERL
-12	1	EAR992412ERL	EARAT992412ERL
-16	1	EAR992416ERL	EARAT992416ERL

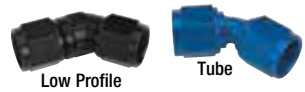
*** Steel part**



Straight Female AN Swivel Coupling

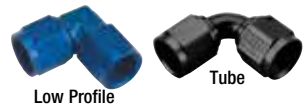
Hose End Size	Standard	Ano-Tuff
-3	EAR915103ERL	EARAT915103ERL
-4	EAR915104ERL	EARAT915104ERL
-6	EAR915106ERL	EARAT915106ERL
-8, -6	EAR915186ERL	EARAT915186ERL
-8	EAR915108ERL	EARAT915108ERL
-10	EAR915110ERL	EARAT915110ERL
-12	EAR915112ERL	EARAT915112ERL
-16	—	EARAT915116ERL

45° Female AN Swivel to Female AN Swivel



Hose End Size	Standard Low Profile	Ano-Tuff Low Profile	Standard Tube	Ano-Tuff Tube
-4	—	—	—	EARAT939204ERL
-6	EAR939106ERL	EARAT939106ERL	—	EARAT939206ERL
-8	—	EARAT939108ERL	EAR939208ERL	EARAT939208ERL
-10	—	EARAT939110ERL		EARAT939210ERL
-12	—	EARAT939112ERL	—	—

90° Female AN Swivel to Female AN Swivel



Hose End Size	Standard Low Profile	Ano-Tuff Low Profile	Standard Tube	Ano-Tuff Tube
-4	—	EARAT934104ERL	EAR935104ERL	—
-6	EAR934106ERL	EARAT934106ERL	EAR935106ERL	EARAT935106ERL
-8	EAR934108ERL	EARAT934108ERL	EAR935108ERL	EARAT935108ERL
-10	EAR934110ERL	EARAT934110ERL	EAR935110ERL	EARAT935110ERL
-12	—	EARAT934112ERL	EAR935112ERL	EARAT935112ERL
-16	—	EARAT934116ERL	EAR935116ERL	EARAT935116ERL

AN Tee Female Swivel on Side

Hose End Size	Standard	Ano-Tuff
-3	EAR925103ERL	EARAT925103ERL
-4	—	EARAT925104ERL
-6	EAR925106ERL	EARAT925106ERL
-8	EAR925108ERL	EARAT925108ERL
-10	—	EARAT925110ERL
-12	—	EARAT925112ERL

AN Tee Female Swivel on Run

Hose End Size	Standard	Ano-Tuff
-3	EAR926103ERL	EARAT926103ERL
-4	EAR926104ERL	EARAT926104ERL
-6	EAR926106ERL	EARAT926106ERL
-8	EAR926108ERL	EARAT926108ERL
-10	EAR926110ERL	EARAT926110ERL
-12	—	EARAT926112ERL

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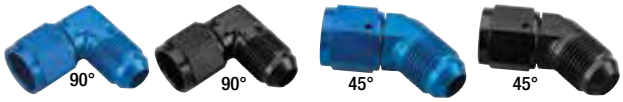
AN Female Swivel to Male AN



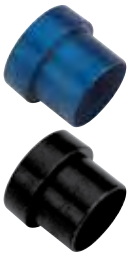
Hose End Size	Standard 90°	Ano-Tuff 90°	Standard 45°	Ano-Tuff 45°
-3	EAR921103ERL	EARAT921103ERL	EAR924103ERL	EARAT924103ERL
-4	EAR921104ERL	EARAT921104ERL	EAR924104ERL	EARAT924104ERL
-6	EAR921106ERL	EARAT921106ERL	EAR924106ERL	EARAT924106ERL
-8	EAR921108ERL	EARAT921108ERL	EAR924108ERL	EARAT924108ERL
-10	EAR921110ERL	EARAT921110ERL	EAR924110ERL	EARAT924110ERL
-12	EAR921112ERL	EARAT921112ERL	EAR924112ERL	EARAT924112ERL

Tube Nut

Standard	Ano-Tuff	Fitting Size	Tube Size	Qty. Per Pkg.
EAR561803ERL*	—	-3	3/16"	2
EAR581803ERL	EARAT581803ERL	-3	3/16"	2
EAR581804ERL	EARAT581804ERL	-4	1/4"	2
EAR581806ERL	EARAT581806ERL	-6	3/8"	2
EAR981808ERL	EARAT981808ERL	-8	1/2"	1
EAR981810ERL	EARAT981810ERL	-10	5/8"	1
** Steel Part*				

Tube Sleeve

Standard	Ano-Tuff	Quantity Per Pkg.	Fitting Size	Tube Size
EAR561903ERL*	—	2	-3	3/16"
EAR581903ERL	EARAT581903ERL	2	-3	3/16"
EAR581904ERL	EARAT581904ERL	2	-4	1/4"
EAR581906ERL	EARAT581906ERL	2	-6	3/8"
EAR981908ERL	EARAT981908ERL	1	-8	1/2"
EAR981910ERL	EARAT981910ERL	1	-10	5/8"
** Steel Part*				



Caps and Plugs

Fitting Size	Quantity Per Pkg.	Standard	Ano-Tuff
AN Caps			
-3	2	EAR592903ERL	EARAT592903ERL
-4	2	EAR592904ERL	EARAT592904ERL
-6	2	EAR592906ERL	EARAT592906ERL
-8	1	EAR992908ERL	EARAT992908ERL
-10	1	EAR992910ERL	EARAT992910ERL
-12	1	EAR992912ERL	EARAT992912ERL
-16	1	EAR992916ERL	EARAT992916ERL
AN Plugs			
-3	2	EAR580603ERL	EARAT580603ERL
-4	2	EAR580604ERL	—
-6	2	EAR580606ERL	EARAT580606ERL
-8	1	EAR980608ERL	EARAT980608ERL
-10	1	EAR980610ERL	—
-12	1	—	EARAT980612ERL
-16	1	EAR980616ERL	—

Port Plug with O-Ring

Fitting Size	Quantity Per Pkg.	Standard	Ano-Tuff
-6	2	EAR581406ERL	EARAT581406ERL
-8	1	EAR981408ERL	EARAT981408ERL
-10	1	EAR981410ERL	EARAT981410ERL
-12	1	EAR981412ERL	EARAT981412ERL
-16	1	EAR981416ERL	EARAT981416ERL

Straight AN Swivel to Male NPT

Hose End Size	NPT Thread Size	Standard	Ano-Tuff
-3	1/8"	EAR916103ERL	EARAT916103ERL
-4	1/8"	EAR916104ERL	EARAT916104ERL
-4	1/4"	EAR916144ERL	—
-6	1/8"	EAR916162ERL	EARAT916162ERL
-6	1/4"	EAR916106ERL	EARAT916106ERL
-6	3/8"	EAR916166ERL	EARAT916166ERL
-8	3/8"	EAR916108ERL	EARAT916108ERL
-8	1/2"	EAR916188ERL	EARAT916188ERL
-10	3/8"	EAR916111ERL	—
-10	1/2"	EAR916110ERL	EARAT916110ERL

90° Male AN to Male Swivel NPT

Hose End Size	NPT Thread Size	Standard	Ano-Tuff
-6	1/4"	EAR922106ERL	—
-6	3/8"	—	EARAT922166ERL
-8	3/8"	EAR922108ERL	—
-8	1/2"	EAR922188ERL	—
-10	1/2"	EAR922110ERL	EARAT922110ERL

90° Female AN to Male Swivel NPT

Standard	Hose End Size	NPT Thread Size
EAR923103ERL	-3	1/8"
EAR923104ERL	-4	1/8"
EAR923106ERL	-6	1/4"
EAR923108ERL	-8	3/8"
EAR923110ERL	-10	1/2"

Tee

Hose End Size	NPT Thread Size	Standard	Ano-Tuff
NPT Thread on Side			
-3	1/8"	EAR962503ERL*	—
-3	1/8"	EAR982503ERL	EARAT982503ERL
-4	1/8"	—	EARAT982504ERL
-6	1/4"	EAR982506ERL	EARAT982506ERL
-8	3/8"	EAR982508ERL	EARAT982508ERL
-10	1/2"	—	EARAT982510ERL
NPT Thread on Run			
-3	1/8"	EAR962603ERL*	—
-3	1/8"	EAR982603ERL	EARAT982603ERL
-6	1/4"	EAR982606ERL	EARAT982606ERL
-8	3/8"	—	EARAT982608ERL
-10	1/2"	EAR982610ERL	—
** Steel Part*			

EARL'S PERFORMANCE PLUMBING
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Steel Pipe Thread to AN Adapters

Straight

Part No.	Hose End Size	NPT Thread Size
EAR961603ERL	-3	1/8"
EAR961604ERL	-4	1/8"
EAR961644ERL	-4	1/4"
EAR968804ERL*	-4	1/8"

*** 1" Extended Oil Pressure Adapter**

90° Elbow

Part No.	Hose End Size	NPT Thread Size
EAR962203ERL	-3	1/8"
EAR962204ERL	-4	1/8"

Gauge Head Adapters

EAR968603ERL

EAR968703ERL

Part No.	Description
-3AN Male Fitting to Female	
EAR968603ERL	1/8" NPT, 90°
EAR968703ERL	1/8" NPT, Straight
-4AN Male Fitting to Female	
EAR968604ERL	1/8" NPT, 90°
EAR968704ERL	1/8" NPT, Straight

Aluminum Pipe Thread to AN Adapters

Available in standard blue anodized or Ano-Tuff black hard anodized finish.

Fitting Size	NPT Size	Standard Straight	Ano-Tuff Straight	Standard 45° Elbow	Ano-Tuff 45° Elbow	Standard 90° Elbow	Ano-Tuff 90° Elbow
-3	1/8"	EAR981603ERL	EARAT981603ERL	EAR982303ERL	—	EAR982203ERL	—
-4	1/8"	EAR981604ERL	EARAT981604ERL	EAR982304ERL	—	EAR982204ERL	EARAT982204ERL
-4	1/4"	EAR981644ERL	EARAT981644ERL	—	—	EAR982244ERL	EARAT982244ERL
-4	3/8"	—	EARAT981646ERL	—	—	—	—
-6	1/8"	EAR981662ERL	EARAT981662ERL	EAR982362ERL	—	—	EARAT982262ERL
-6	1/4"	EAR981606ERL	EARAT981606ERL	EAR982306ERL	EARAT982306ERL	EAR982206ERL	EARAT982206ERL
-6	3/8"	EAR981666ERL	EARAT981666ERL	EAR982366ERL	EARAT982366ERL	EAR982266ERL	EARAT982266ERL
-6	1/2"	EAR981668ERL	EARAT981668ERL	—	—	EAR982268ERL	EARAT982268ERL
-8	1/4"	EAR981607ERL	EARAT981607ERL	EAR982307ERL	—	EAR982207ERL	EARAT982207ERL
-8	3/8"	EAR981608ERL	EARAT981608ERL	EAR982308ERL	—	EAR982208ERL	EARAT982208ERL
-8	1/2"	EAR981688ERL	EARAT981688ERL	EAR982388ERL	—	EAR982288ERL	EARAT982288ERL
-10	3/8"	EAR981611ERL	EARAT981611ERL	—	EARAT982311ERL	—	—
-10	1/2"	EAR981610ERL	EARAT981610ERL	EAR982310ERL	—	EAR982210ERL	EARAT982210ERL
-10	3/4"	EAR981609ERL	EARAT981609ERL	—	—	EAR982209ERL	EARAT982209ERL
-12	1/2"	EAR981613ERL	EARAT981613ERL	—	EARAT982313ERL	EAR982213ERL	EARAT982213ERL
-12	3/4"	EAR981612ERL	EARAT981612ERL	EAR982312ERL	EARAT982312ERL	EAR982212ERL	EARAT982212ERL
-16	3/4"	EAR981615ERL	EARAT981615ERL	—	—	—	—
-16	1"	—	EARAT981616ERL	—	—	—	—

Aluminum Adjustable AN Wrench

EAR230400ERL NEW!

Constructed from durable, 7075 billet aluminum, adjustable wrench is designed for use with -3AN to -12AN hose ends. Black anodized with a steel nickel adjustment wheel for added durability.

Quarter Turn Fastener Tool

EAR041ERL NEW!

Compact and easy to hold, tool fits slotted quarter turn fasteners. Tool is 6-1/4" long with a plastic and rubber grip handle.

4" Aluminum Vise Soft Jaws

EAR100188ERL NEW!

Soft jaws secure and protect hose ends during assembly, preventing damage or scratches. Black anodized.

Billet Remote Oil Filter Mounts NEW!

Lightweight, billet aluminum mounts allow remotely mounting the oil filter for easier access when headers, oil pans, etc. cause interference. Mounts feature -10AN O-ring dual inlet ports, and an 1/8" NPT port. Sold complete with plugs and hardware.

Part No.	Description
EAR2077ERL	Left & Right Inlet & Outlet Ports
EAR2188ERL	Left & Right Inlet Ports, Vertical Outlet Port

EARL'S PERFORMANCE PLUMBING
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Aluminum Pipe Thread Adapters

Reducer Pipe Bushing

Part No.	Female Pipe Thread Size	Male Pipe Thread Size
EAR991201ERL	1/8"	1/4"
EAR991202ERL	1/4"	3/8"
EAR991203ERL	1/8"	3/8"
EAR991204ERL	3/8"	1/2"
EAR991205ERL	1/4"	1/2"
EAR991206ERL	1/8"	1/2"
EAR991207ERL	1/2"	3/4"
EAR991208ERL	3/8"	3/4"
EAR991210ERL	3/4"	1"

Female Coupling

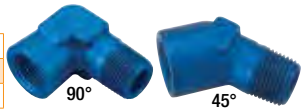
Part No.	Pipe Thread Size
EAR991001ERL	1/8"
EAR991002ERL	1/4"
EAR991003ERL	3/8"
EAR991004ERL	1/2"

Male Nipple

Part No.	Pipe Thread Size
EAR991101ERL	1/8"
EAR991103ERL	3/8"
EAR991104ERL	1/2"

Internal/External Pipe Thread

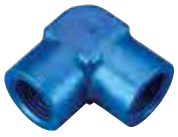
90°	45°	Pipe Thread Size
EAR991401ERL	EAR991501ERL	1/8"
EAR991402ERL	EAR991502ERL	1/4"
EAR991403ERL	EAR991503ERL	3/8"



90° Elbow

Internal pipe thread.

Part No.	Pipe Thread Size
EAR991601ERL	1/8"
EAR991603ERL	3/8"



Tee

Internal pipe thread.

Part No.	Pipe Thread Size
EAR991701ERL	1/8"
EAR991702ERL	1/4"
EAR991703ERL	3/8"

NPT Plugs

Internal wrenching.

Pipe Thread Size	Quantity Per Pkg.	Standard	Ano-Tuff
1/8"	2	EAR593202ERL	EARAT593202ERL
1/4"	2	EAR593203ERL	EARAT593203ERL
3/8"	2	EAR593204ERL	EARAT593204ERL
1/2"	1	EAR993205ERL	EARAT993205ERL
3/4"	1	EAR993206ERL	—

NPT Hex-Head Plug

Pipe Thread Size	Standard	Ano-Tuff
1/8"	EAR993301ERL	—
1/2"	—	EARAT993304ERL

Hose Barb to Pipe Thread Adapters

Hose Size	NPT Size	Straight	45°	90°
1/4"	1/8"	EAR984004ERL	—	EAR984204ERL
3/8"	1/4"	EAR984006ERL	—	EAR984206ERL
1/2"	3/8"	EAR984008ERL	—	EAR984208ERL
5/8"	1/2"	—	EAR984410ERL	EAR984210ERL
3/4"	3/4"	—	—	EAR984212ERL

Pressure Gauge Adapters

Part No.	Description
EAR100192ERL	-6 Male to -6 Male, 1/8" NPT in Hex
EAR100194ERL	-6 Male to 3/8" NPT, 1/8" NPT in Hex
EAR100196ERL	-8 Male to -8 Male, 1/8" NPT in Hex
EAR100198ERL	-8 Male to 3/8" NPT, 1/8" NPT in Hex
EAR100199ERL	-6 Male to -6 Female, 1/8" NPT in Hex
EAR100200ERL	-8 Male to -8 Female, 1/8" NPT in Hex
EAR100201ERL	-4 Male to -4 Female, 1/8" NPT in Hex

Fuel Pressure Gauges

Part No.	Description
EAR100189ERL	1/8" NPT Male, Oil Filled
EAR100195ERL	1/8" NPT Male

EAR100189ERL EAR100195ERL

In-Line Fuel Filters

Blue anodized aluminum fuel filters include sintered bronze 35 micron elements. Filters are 3-1/2" long x 1-1/8" diameter.

Description	Fuel Filter	Replacement Element
In-Line Fuel Filter, -6AN Male Ends	EAR230106ERL	EAR230107ERL
In-Line Fuel Filter, -8AN Male Ends	EAR230108ERL	EAR230107ERL

In-Line Fuel and Oil Filters

Billet aluminum fuel and oil filters are fitted with cleanable screen type elements. Blue anodized fuel filters use 85-micron elements, while red anodized oil filter units include 140-micron elements.

Description	Blue Fuel Filter	Red Oil Filter
In-Line Filter, -6AN Male Ends	EAR230206ERL	EAR230306ERL
In-Line Filter, -8AN Male Ends	EAR230208ERL	EAR230308ERL
In-Line Filter, -10AN Male Ends	EAR230210ERL	EAR230310ERL

Shut-Off Valves

350 PSI-max valves are ideal for use as emergency fuel shut-off valves, anti-theft devices, or as drain valves.

Part No.	Inlet Size	Outlet Size	Overall Length	Body Material
EAR230501ERL	3/8" NPT Female	3/8" NPT Female	1-3/4"	Chrome Plated Brass
EAR230502ERL	3/8" NPT Female	-6AN Bulkhead	2-3/4"	Red Anodized Aluminum
EAR230503ERL	3/8" NPT Female	-8AN Bulkhead	2-3/4"	Red Anodized Aluminum
EAR230505ERL	1/2" NPT Female	-10AN Bulkhead	2-3/4"	Red Anodized Aluminum

EARL'S PERFORMANCE PLUMBING
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Speed-Seal Hose Ends

Hose ends are ideal for use with smooth bore PTFE hose on brake fittings.

Hose Size	Nut Size	Aluminum	Steel	Stainless
Straight				
-3	-3	EAR600133ERL	EAR600103ERL	EAR600193ERL
-4	-4	—	EAR600104ERL	—
-6	-6	EAR600136ERL	—	EAR600196ERL
90° Non-Adjustable Tube				
-3	-3	—	EAR609103ERL	—
90° Adjustable Tube				
-3	-3	—	—	EAR609293ERL

Brake Adapter Fittings

EAR989532ERL

Part No.	Quantity Per Pkg.	Thread Size
EAR581531ERL	2	-3AN to 3/8"-24 I.F. Short
EAR581533ERL	2	-3AN to 3/8"-24 I.F. Long
EAR591932ERL	2	-3AN to 7/16"-24 I.F.
EAR591941ERL	2	-4ANto 7/16"-20 I.F.
EAR591942ERL	2	-4AN to 7/16"-24 I.F.
EAR591972ERL	2	-4AN to 3/8"-24 I.F. Short
EAR591982ERL	2	-4AN to 3/8"-24 I.F. Long
EAR592032ERL	2	-3AN to 10mm x 1.0
EAR592042ERL	2	-4AN to 10mm x 1.0
EAR699030ERL	1	-3AN Replacement Olive for Speed-Seal Hose End
EAR972050ERL	1	Junction Block, Two 3/8"-24 I.F. Ports, One 3/8"-24 Straight on Branch, 1/4" Mtg. Hole
EAR972052ERL	1	Junction Block, Three 3/8"-24 I.F. Ports, 7/16" Mtg. Hole
EAR972054ERL	1	Junction Block "T", 3/8"-24 I.F.
EAR989532ERL	1	-4AN to 3/8"-24 Female I.F.
EAR989534ERL	1	-3AN to Female 10mm x 1.0
EAR989543ERL	1	-3AN to 3/8"-24 Female I.F.
EAR989545ERL	1	-3AN to 10mm x 1.0 I.F.
EAR989548ERL	1	-4AN to 7/16"-24 I.F.
EAR989549ERL	1	-3AN to 7/16"-24 I.F.

Note: I.F. signifies inverted flare fitting.

Banjo Fittings

Part No.	Thread Size	Hole Dia.
Banjo Bolt		
EAR977503ERL	3/8"-24	3/8"
EAR977504ERL	7/16"-20	7/16"
EAR977515ERL	10mm x 1.25	10mm
EAR977517ERL	10mm x 1.0	10mm
Banjo Bolt, 8mm Tall		
EAR997503ERL	3/8"-24 Single	3/8"
EAR997517ERL	10mm x 1.0	10mm
Banjo		
EAR997603ERL	-3AN	3/8"
EAR997604ERL	-4AN	7/16"
EAR997631ERL	-3AN	10mm
EAR997634ERL	-3AN	7/16"
EAR997641ERL	-4AN	10mm
EAR997643ERL	-4AN	3/8"

Banjo Bolt

Banjo

Aluminum and Steel Weld Fittings

Aluminum	Steel	Size
Male AN		
EAR997104ERL	—	-4AN
EAR997106ERL	EAR967106ERL	-6AN
EAR997108ERL	EAR967108ERL	-8AN
EAR997110ERL	EAR967110ERL	-10AN
EAR997112ERL	EAR967112ERL	-12AN
EAR997116ERL	EAR967116ERL	-16AN
EAR997120ERL	—	-20AN

Aluminum	Size
Female AN	
EAR987112ERL	-12AN
Female NPT	
EAR996701ERL	1/8" NPT
EAR996702ERL	1/4" NPT
EAR996703ERL	3/8" NPT
EAR996704ERL	1/2" NPT
EAR996706ERL	3/4" NPT

Crush Washers

Required with straight threaded adapter fittings or ports without O-ring relief.

Part No.	Package Qty.	Fitting Size	I.D.
EAR177003ERL	10	-3	3/8"
EAR177004ERL	10	-4	7/16"
EAR177006ERL	10	-6	9/16"
EAR177008ERL	5	-8	3/4"
EAR177010ERL	5	-10	7/8"

O-Rings

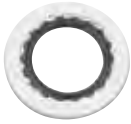
Buna N O-rings are compatible with most fuels and lubricants up to 275°F, while Viton O-rings can handle synthetic lubricants, oxygen-bearing fuels, additives, and non-ether brake fluids at temperatures up to 400°F.

Viton	Buna N	Package Qty.	Fitting Size
EAR176106ERL	EAR176006ERL	10	-6AN
EAR176108ERL	EAR176008ERL	10	-8AN
EAR176110ERL	EAR176010ERL	5	-10AN
EAR176112ERL	EAR176012ERL	5	-12AN
—	EAR176016ERL	5	-16AN

Stat-O-Seals

Synthetic rubber O-ring is mechanically locked to the I.D. of an aluminum washer. Compresses when tightening, forcing the sealing surfaces around the bolt shank. Temperature range of -85°F to 450°F. Two per pack.

Part No.	Inside Dia.	Part No.	Inside Dia.
EAR178005ERL	5/16"	EAR178009ERL	9/16"
EAR178006ERL	3/8"	EAR178010ERL	5/8"
EAR178007ERL	7/16"	EAR178012ERL	3/4"
EAR178008ERL	1/2"	EAR178014ERL	7/8"



Billet In-Line Distribution Blocks

EAR100160ERL

These Y-blocks are manufactured from billet 6061-T6 aluminum and have a black anodized finish. The compact design with narrow shape and smooth flow path insures maximum flow. One -8AN ORB female port to two -6AN ORB female ports.

Small Block Chevy Remote Oil Filter Adapter Kit

EAR1579ERL

Black anodized billet aluminum adapter fits 1968-00 small block and 1968-90 big block Chevy's. Bolts inside OEM filter pocket. Kit includes adapter plate, O-rings, and mounting hardware.

2-1/2" I.D. Coil-Over Springs Coil Springs

Eibach uses the finest quality chrome-silicon steel wire to produce coil springs that are cold-formed on CNC coilers, heat-tempered, shot-peened, pre-set, phosphate-treated, and red powder coated (unless specified) with a durable epoxy finish. All springs are imprinted with the part number, and are guaranteed to remain within 2% of their rate and height for the life of the spring. ***Note: Coil-over spring part numbers ending with an "S" have a silver powder-coated finish.***

Rate	14" Tall	12" Tall	10" Tall	8" Tall	7" Tall
2-1/2" I.D. Coil-Over Springs					
90	—	EIB1200.250.0090	—	—	—
100	EIB1400.250.0100	EIB1200.250.0100	—	—	—
110	EIB1400.250.0110	EIB1200.250.0110	—	—	—
120	EIB1400.250.0120	EIB1200.250.0120	—	—	—
125	EIB1400.250.0125S	EIB1200.250.0125	—	—	—
140	—	EIB1200.250.0140	—	—	—
150	EIB1400.250.0150	EIB1200.250.0150	EIB1000.250.0150	EIB0800.250.0150	—
165	EIB1400.250.0165	EIB1200.250.0165	—	—	—
175	EIB1400.250.0175	EIB1200.250.0175	EIB1000.250.0175	EIB0800.250.0175	—
185	—	EIB1200.250.0185	—	—	—
200	EIB1400.250.0200	EIB1200.250.0200	EIB1000.250.0200	EIB0800.250.0200	—
225	EIB1400.250.0225	EIB1200.250.0225	EIB1000.250.0225	EIB0800.250.0225	—
250	EIB1400.250.0250	EIB1200.250.0250	EIB1000.250.0250	EIB0800.250.0250	—
275		EIB1200.250.0275	EIB1000.250.0275	EIB0800.250.0275	—
300	EIB1400.250.0300	EIB1200.250.0300	EIB1000.250.0300	EIB0800.250.0300	EIB0700.250.0300
325	—	EIB1200.250.0325	EIB1000.250.0325	EIB0800.250.0325	EIB0700.250.0325
350	EIB1400.250.0350	EIB1200.250.0350	EIB1000.250.0350	EIB0800.250.0350	EIB0700.250.0350
375	—	EIB1200.250.0375	EIB1000.250.0375	EIB0800.250.0375	—
400	—	EIB1200.250.0400	EIB1000.250.0400	EIB0800.250.0400	EIB0700.250.0400
425	—	—	—	EIB0800.250.0425	—
450	—	EIB1200.250.0450	EIB1000.250.0450	EIB0800.250.0450	EIB0700.250.0450
475	—	—	—	EIB0800.250.0475	—
500	EIB1400.250.0500S	EIB1200.250.0500S	EIB1000.250.0500	EIB0800.250.0500	EIB0700.250.0500
550	—	EIB1200.250.0550S	EIB1000.250.0550	EIB0800.250.0550	—
600	EIB1400.250.0600S	EIB1200.250.0600S	EIB1000.250.0600	EIB0800.250.0600	—
650	EIB1400.250.0650S	EIB1200.250.0650S	EIB1000.250.0650	—	EIB0700.250.0650
700	—	—	EIB1000.250.0700	EIB0800.250.0700	—
750	—	—	—	EIB0800.250.0750	—
800	—	EIB1200.250.0800S	EIB1000.250.0800	EIB0800.250.0800	—
900	—	EIB1200.250.0900S	—	—	—

Rate	8" Tall
2-1/4" I.D. Coil-Over Springs	
200	EIB0800.225.0200
225	EIB0800.225.0225
250	EIB0800.225.0250
300	EIB0800.225.0300
350	EIB0800.225.0350
375	EIB0800.225.0375
400	EIB0800.225.0400
450	EIB0800.225.0450
500	EIB0800.225.0500
550	EIB0800.225.0550
600	EIB0800.225.0600
700	EIB0800.225.0700
800	EIB0800.225.0800

2-1/2" I.D. Helper Spring

EIBHELPER250

Prevents main spring from becoming loose at full drop.

2-1/2" I.D. Spring Spacer

EIBSPACER250

Couples Helper/Tender spring to main spring.

Coil Spring Bags

Durable, lightweight fabric bag installs over coil-over assembly, keeping dirt and debris out. Bag is fully washable and is easily opened for shock and spring adjustments. Sold per pair.

Part No.	Spring Dia.	Coil Spring Length
EIBESB10.250	2.50"	8", 10"
EIBESB12.250	2.50"	10", 12"
EIBESB14.250	2.50"	12", 14"
EIBESB14.500	5.00"	12", 14"

Jason Ferguson Photo by: JohnnyB Imagery

Quarter Midget Springs

Quarter Midget springs, which are 3-1/2" or 5" tall and have a 1.63" I.D., are manufactured from chrome silicon steel, red powder coated, and imprinted with the part number.

Rate	3.5" Tall	5" Tall
85	EIB0350.163.0085	EIB0500.163.0085
90	—	EIB0500.163.0090
95	—	EIB0500.163.0095
100	—	EIB0500.163.0100
105	—	EIB0500.163.0105
110	EIB0350.163.0110	EIB0500.163.0110
115	EIB0350.163.0115	EIB0500.163.0115
120	—	EIB0500.163.0120
125	—	EIB0500.163.0125
130	EIB0350.163.0130	—
150	EIB0350.163.0150	—

Anti-Friction Engine Treatment

Additive has been tested and proven for over 20 years in gasoline and diesel engines, compressors, power tools, heavy equipment, etc. Product treats and conditions the metal, not the lubricant, and when added, reduces friction and wear between metal components.

Part No.	Description
ERPP001	5-oz. Bottle
ERPP007	8-oz. Bottle
ERPP002	16-oz. Bottle
ERPP003	1-Gallon Jug

Citrus Engine Degreaser Plus *ERPP019*

Versatile cleaner/degreaser features a citrus-based formula and is safe to use on auto parts, tools, machinery, etc. Suitable for use as a tough engine degreaser or gentle, all-purpose cleaner. Rinses completely with water and leaves no residue. Sold in an 18-ounce aerosol can.

Gear & Chain Clear Grease *ERPP018*

High-quality, soluble grease is designed to form a protective barrier against moisture and extreme temperatures. Lubricant is recommended for all types of chains and gears. Helps reduce wear and prevents rust from forming on exposed surfaces. Sold in a 13-ounce aerosol can.

MuddOFF *ERPP600*

Breakthrough non-stick product is ready to use and creates a shield that prevents mud and other debris from sticking. Sold in a 22-ounce spray bottle.

MuddOFF Super Concentrate *ERPP601*

Popular with circle track and off-road racers, water-soluble non-stick product is safe for use on metal, plastics, paint, and stickers, preventing mud, dirt, and debris from sticking. One quart of concentrate yields three gallons of cleaner. Sold in 32-ounce jug.

Stay Clean *ERPP500*

Stay Clean provides a clear, non-stick film that protects surfaces from grass, mud, dirt and debris. Sold in a 22-ounce spray bottle.

G-100 Lithium Grease

High-speed lithium-complex grease provides protection to wheel bearings, slides and other lubrication requirements. Sold in a 14.5-ounce cartridge or 16-ounce tub.

Part No.	Description
ERPP008	14.5-oz. Cartridge
ERPP008T	16-oz. Tub

G-200 Synthetic Grease

High-temperature, low-speed synthetic grease is well suited to severe applications including disc brake wheel bearings, universal joints, fan hubs, fifth wheels, etc. Sold in a 14.5-ounce cartridge or 16-ounce tub.

Part No.	Description
ERPP006	14.5-oz. Cartridge
ERPP006T	16-oz. Tub

Octane Booster *ERPP033S*

Fuel additive is a highly concentrated MMT lead substitute that also increases the RON octane rating of gasoline. Product helps eliminate harmful pre-ignition caused by low-octane gasoline. Sold in a 16-ounce bottle.

Multipurpose Penetrating Lube *ERPP010*

Lubricant features the metal conditioning technology of Energy Release in a convenient aerosol can. Product guards against rust on exposed metal surfaces, frees bolts and fittings frozen by rust or corrosion. Sold in a 12-ounce aerosol can.

Cutting and Tapping Fluid *ERPP011*

Superior cutting formula incorporates Energy Release to help tools cut through the hardest materials without distortion or tool wear. Fluid reduces heat and provides superior protection to cutters, drills, taps, reamers, and punches. Sold in a 13.75-ounce aerosol can.

Victor Series Aluminum Water Pumps

Designed for circle track competition, Victor Series water pumps have an improved impeller entry for increased cooling and equalized flow to both sides of the block. Pumps are black anodized with billet steel fan hubs, 3/4" pilot shafts, heavy-duty ball/roller bearings and auxiliary water outlets for customized plumbing.

Small Block Chevy

Circle Track Pump (3/4" Pilot Shaft) *EDE8816*

Fits all 1955-95 small blocks and includes heavy-duty, 3/4" ball/roller bearing. Dimensions from block surface to hub: 5-13/16". -8AN auxiliary fittings at 90° to the block. Inlet diameter: 1.85".

Circle Track Pump (3/4" Pilot Shaft) *EDE8817*

Fits all 1955-95 small blocks and includes heavy-duty, 3/4" ball/roller bearing. Dimensions from block surface to hub: 5-13/16". Pump has a 3/8" NPT at 45° to the block. Inlet diameter: 1.85".

Victor Pro Series *EDE8819*

An upgraded version of EDE8816, Victor-Pro water pump includes improvements wanted by many circle track teams and engine builders. Pump incorporates an improved right-side outlet passage, -10AN side water outlet ports, aluminum backplate, marine seal, steel billet hub, 3/4" diameter pilot shaft, and 1.84" inlet diameter.

Adjustable Fuel Pressure Regulators

Fully machined, aircraft-quality aluminum regulators are fitted with fluorosilicone diaphragms for extended durability. Regulators are available in bypass or non-bypass versions, are compatible with gasoline or methanol and include 1/8" NPT gauge port. Offered for carbureted or EFI applications, regulators are available with boost reference fitting for blow-through, supercharger, turbo, etc. applications. Carbureted regulators are adjustable from 5-10 PSI.

Description	Max. Flow Rate	Red	Blue	Black
Carbureted Fuel Pressure Regulators				
Non-Bypass Regulator				
3/8" Inlet/Outlet Ports	160	—	—	EDE1727
-10 Inlet/Outlet, -6 Return, Boost/Ref.	180	EDE174051	EDE174052	EDE174053
Bypass Regulators				
3/8" Inlet/Outlet/Return Ports	160	EDE174131	EDE174132	EDE174133

EDE174131

EDE174052

EDE1727

E3 Spark Plugs

E3 Spark Plugs' improved flame travels quickly and grows larger as it approaches the piston. Open electrode directly exposes the flame to the piston during the combustion process, reducing spark travel time. The "forced, edge-to-edge" spark discharge improves upon traditional racing spark plugs with "cut-back" electrodes. ***See page 540 for applications.***

ENEOS
THE PERFORMANCE MOTOR OIL

Gear Oil • GL-5 75W-90

Formulated for use in manual transmissions and non-limited differentials including heavy-duty manual transmissions, axles, and final drives which require API GL-5 and 75W-90 viscosity.

1-qt. Bottles	Case of (6) 1-qt. Bottles
EN03092-300	EN03092-302

Pro Racing Oil

Developed for extreme racing conditions, Pro Racing Oil uses a unique formulation for maximum performance, including ester for extreme heat protection, MoDTC to reduce friction, and ZDDP for added anti-wear protection. This racing oil offers superior lubrication, power, and engine protection at a broader temperature and RPM range than most racing oils.

Description	1-qt. Bottles	Case of (6) 1-qt. Bottles
10W-50	EN03802-300	EN03802-302

Street and Track Racing Oil

This fully synthetic Street and Track Racing Oil is formulated from high-quality base stocks, MoDTC, and ZDDP additives to protect engines during cold weather start-ups to extreme race track temperatures. Maximum horsepower, oil film retention, and anti-wear protection make this oil suitable for every type of motorsport event, including stock cars, autocross, drifting, and drag cars. Meets API specifications.

Description	1-qt. Bottles	Case of (6) 1-qt. Bottles
0W-20, API Service SN/RC	EN03901-300	EN03901-302
0W-50, API Service SN	EN03902-300	EN03902-302

Fully Synthetic Motor Oil

Manufactured from 100% synthetic base oil, providing superior thermal and oxidation breakdown resistance. These oils flow better at cold temperatures, reducing wear on critical engine parts at start up. Formulated with a blend of additives that help improve fuel mileage by keeping the engine clean, protecting vital engine parts from wear and reducing internal friction. ENEOS Fully Synthetic Motor Oils exceed the latest API Service SN, ILSAC GF-5 classifications and meet the requirements of Toyota, Honda, and other original equipment manufacturers where an SAE 0W-20, 5W-20, or 5W-30 motor oil is specified.

Part No.	Description
EN03701-300	Dexos 1, 0W-20, One-Quart Bottle
EN03701-301	Dexos 1, 0W-20, Case of (12) One-Quart Bottles
EN03701-320	Dexos 1, 0W-20, Five-Quart Jug
EN03701-323	Dexos 1, 0W-20, Case of (4) Five-Quart Jugs
EN03701-400	Dexos 1, 0W-20, Six Gallons
EN03703-300	Dexos 1, 5W-30, One-Quart Bottle
EN03703-301	Dexos 1, 5W-30, Case of (12) One-Quart Bottles
EN03703-320	Dexos 1, 5W-30, Five-Quart Jug
EN03703-323	Dexos 1, 5W-30, Case of (4) Five-Quart Jugs
EN03703-400	Dexos 1, 5W-30, Six Gallons
EN03241-300	5W-20, One-Quart Bottle
EN03241-301	5W-20, Case of (12) One-Quart Bottles
EN03241-320	5W-20, Five-Quart Jug
EN03241-323	5W-20, Case of (4) Five-Quart Jugs
EN03241-400	5W-20, Six Gallons
EN03251-300	0W-16, One-Quart Bottle
EN03251-301	0W-16, Case of (12) One-Quart Bottles
EN03251-400	0W-16, Six Gallons
EN03704-300	5W-40, One-Quart Bottle
EN03704-301	5W-40, Case of (12) One-Quart Bottles
EN03704-320	5W-40, Five-Quart Jug

Frankland Racing Rear Ends

SPECIAL ORDER ONLY

Call for options and more information.

Rear Covers

FRKKT0840M

Aluminum rear axle covers are offered for popular Superlite and Winters quick changes. Rear cover kits include cover and bearings.

Part No.	Description
FRKKT0840B	Superlite Billet Rear Cover Kit, Thermal Coated
FRKKT0840M	Superlite Rear Cover Only
FRKKT0840MC	Superlite Rear Cover Only, Thermal Coated

Loaded 4.86 Ring and Pinion Assembly

FRKKTRP486

Assembly includes 4.86 spread bearing, pinion carrier bearing, spread bearing pinion race, posi-lock nut, pinion nut, 1/4"-28 x 5/16" half dog set screw and pinion spacer.

EQUUS®
We Know Gauges

iEquus 8000 Performance Series Gauges

Perfect for street rods or muscle cars, performance gauges feature back-lit white dial faces with orange needles and satin silver aluminum bezels. Offered in 1-1/2", 2", or 2-5/8" diameters, each gauge is sold with required installation hardware.

Part No.	Description
2" Gauges	
EQUE8242	Mechanical Water Temperature, 130°-280°F, 270° Sweep
EQUE8243	Electric Oil Temperature, 100°-280°F, 90° Sweep
EQUE8244	Mechanical Oil Pressure, 0-100 PSI, 270° Sweep
2-5/8" Gauges	
EQUE8434	Mechanical Fuel Pressure, 0-15 PSI, 270° Sweep
EQUE8442	Mechanical Water Temperature, 130°-280°F, 270° Sweep
EQUE8443	Mechanical Oil Temperature, 130°-280°F, 270° Sweep
EQUE8444	Mechanical Oil Pressure, 0-100 PSI, 270° Sweep

EQUE8242 EQUE8243 EQUE8434

FK BEARINGS

Aluminum Series Rod Ends

Lightweight rod ends combine 7075-T6 red anodized aluminum bodies with 52100 hard chrome-plated balls and heat-treated steel alloy races for unsurpassed durability. (Available with PTFE liner. Add a "T" to the end of the part number).

RH	LH	Thread Size	Hole Size	Ult. Static Radial Load
Red				
FKBALJF5	—	5/16"-24	.3125"	7,698
FKBALJM8	—	1/2"-20	.500"	7,698
FKBALRSM8	FKBALRSML8	5/8"-18	.500"	7,698
FKBALRSM8T*	FKBALRSML8T*	5/8"-18	.500"	7,698
FKBALRSM8-6	—	5/8"-18	.375"	7,698
Black				
FKBALRSM8B	FKBALRSML8B	5/8"-18	.500"	7,698

**** Signifies rod ends with PTFE liner.***

Precision Series Rod Ends

JMX/JMXL three-piece rod ends are made of high-strength alloy with 52100 hard chrome-plated steel balls and heat-treated steel alloy bodies and races. (Rod ends are also available with a PTFE liner. Add a "T" to the end of the part number.)

RH	LH	Thread Size	Hole Size	Ult. Static Radial Load
FKBJMX6	FKBJMXL6	3/8"-24	.375"	9,550
FKBJMX7	FKBJMXL7	7/16"-20	.437"	10,290
FKBJMX8	FKBJMXL8	1/2"-20	.500"	16,242

Extra-Strength Heavy-Duty Shank Rod Ends

RSM/RSML three-piece rod ends have extra-strength, heavy-duty shanks with low-carbon steel, chromate-treated bodies, hard chrome-plated steel balls, and heat-treated steel alloy races. RSMX/RSMXL rod ends have heat-treated alloy steel bodies.

RH	LH	Thread Size	Hole Size	Ult. Static Radial Load
FKBRSM8	FKBRSML8	5/8"-18	.500"	12,843
FKBRSMX8	FKBRSMXL8	5/8"-18	.500"	31,420

Economy High-Strength Rod Ends

Economical, two-piece CMX/CMXL rod ends have hard chrome-plated 52100 steel ball and heat-treated alloy steel bodies. (Available with a PTFE liner. Add a "T" to the end of the part number.)

RH	LH	Thread Size	Hole Size	Ult. Static Radial Load
FKBCMX8	FKBCMXL8	1/2"-20	.500"	17,000
FKBCMX10-8	FKBCMXL10-8	5/8"-18	.500"	18,000

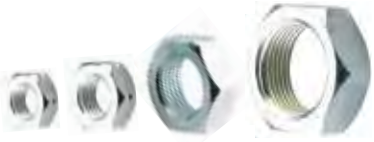
Steel Female Rod Ends

Two-piece, metal-to-metal with PTFE liners.

RH	Thread Size	Hole Size	Ult. Static Radial Load
FKBCF5	10/32"	.3125"	3,934

Steel and Aluminum Jam Nuts

Thread Size	Hex Size	Steel RH	Steel LH	Aluminum RH	Aluminum LH
5/16"-24	1/2"	—	—	FKBAJNR05	FKBAJNL05
3/8"-24	9/16"	FKBSJNR06	FKBSJNL06	FKBAJNR06	—
7/16"-20	11/16"	—	—	FKBAJNR07	FKBAJNL07
1/2"-20	3/4"	FKBSJNR08	FKBSJNL08	FKBAJNR08	FKBAJNL08
5/8"-18	15/16"	FKBSJNR10	FKBSJNL10	FKBAJNR10	FKBAJNL10



FEL-PRO

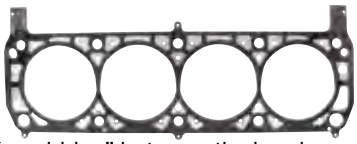
PermaTorque Head Gaskets

Gaskets have a wire ring combustion seal inside the stainless steel armor for highly concentrated sealing. The wire ring squeezes the combustion seal between the head and the block three times greater than standard head gaskets. Gaskets are sold individually.

Part No.	Application	Gasket Bore	Nom. Comp. Thick.	Comp. Volume
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400				
FEL1003*	Iron/Aluminum Head Apps., Except Aluminum Blocks, 4.155" Max.	4.166"	.041"	9.1cc
FEL1004*	Iron/Aluminum Head Apps.	4.190"	.041"	9.2cc
FEL1010*	Alum. Head Apps. Only, 4.155" Max. Bore	4.166"	.039"	8.9cc
FEL1014	Iron/Aluminum Head Apps.	4.200"	.039"	9.0cc
FEL1034*	Iron/Aluminum Head Apps.	4.200"	.041"	9.3cc
FEL1036*	Iron/Aluminum Head Apps., Extra Thick, Extra-Large Bore	4.250"	.051"	11.9cc
FEL1043*	Small Chamber Aluminum Race/Some Vortec Heads Only	4.080"	.039"	8.2cc
FEL1044	Iron/Alum. Head Apps., Extra Thick	4.200"	.051"	11.2cc
FEL1045†	Iron/Alum. Head Apps., Severe-Duty Apps.	4.180"	.039"	9.0cc
FEL1094*	Iron/Aluminum Head Apps., Except 400, Extra Thin	4.100"	.015"	3.2cc

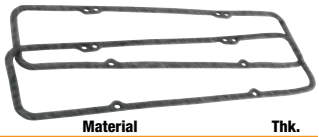
**** Gasket does not have steam holes for 400 street operation.***
† Requires a precision receiver groove machined in cylinder head.

PermaTorque MLS Head Gaskets



Multi-Layer Steel (MLS) head gaskets withstand the greater combustion chamber pressures of high-output engines. Full-hard stainless steel construction withstands "scrubbing" between the head and block. Strategically placed sealing beads eliminate leak paths, and an extra strong "stopper" layer provides exceptional primary combustion sealing. Selected gaskets listed may also be available in other bore sizes and thicknesses. All gaskets are sold individually.

Part No.	Application	Gasket Bore	Nom. Comp. Thick.	Comp. Volume
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400				
FEL1142	Iron/Alum. Head Apps. Inc. 400	4.100"	.040"	9.0cc
FEL1143	Iron/Alum. Head Apps. Inc. 400	4.165"	.040"	9.2cc
FEL1144	Iron/Alum. Head Apps. Inc. 400	4.200"	.040"	9.3cc
FEL1144-2	SB2 With Symmetrical Cooling	4.200"	.041"	9.3cc



Valve Cover Gaskets

Part No.	Application	Material	Thk.
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400			
FEL1602	Most Cylinder Heads	Fel-CoPrene Rubber	5/32"
FEL1603	Most Cylinder Heads	Blue Stripe Cork-Rubber	7/32"
FEL1604	All Except 1955-56 Engines	Cork-Lam Cork-Rubber/Steel Core	5/16"
FEL1628	1959-86, Chevy 18°/Brodix -12	Silicone Molded Rubber/Steel Core	1/4"

Full Gasket Sets

Part No.	Description
FEL2802	SB Chevy, 1959-79 283, 302, 327, 350, Sm. Int./Exh. Ports, Includes: Two FEL1003, and One Each Of FEL1256, FEL1444, FEL1603, FEL1803, FEL2702

Oil Pan Gaskets

Part No.	Application	Material	Thk.
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400			
FEL1802	1957-74	Thin Front Seal, LH Dipstick	3/32"
FEL1803	1975-79	Thick Front Seal, LH Dipstick	3/32"
FEL1818	1980-85	Thick Front Seal, RH Dipstick	3/32"
FEL1821	Side Rails Trimmed for Strokers	Thin/Thick Seals, LH Dipstick	3/32"
FEL1839	"Rocket"/Dart Iron Eagle/GM Med. Deck	Rubber-Coated Fiber/Steel Core	3/32"
FEL1880	1975-79, Side Rails Trimmed for Strokers	Thick Front Seal, LH Dipstick	9/64"
FEL1881	1980-85, Side Rails Trimmed for Strokers	Thick Front Seal, RH Dipstick	9/64"
FEL1882	Side Rails Trimmed for Strokers	Thick Ft. Seal, Straight Side Rails	9/64"
FEL1885	1957-74 1-Piece with Rigid Carrier	Thin Front Seal, LH Dipstick	9/64"
FEL1886	1986-97, Bowtie Short Deck Block	Thick Front Seal, 1-Pc. Rear Seal	9/64"

Rear Main Seals

Rear main seals in silicone, PTFE, or fluoroelastomer. High-vacuum seals are used with crankcase vacuum pumps.

Part No.	Description
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400	
FEL2900	1959-85, 2-Pc. Silicone
FEL2909	Special Large O.D. for "Rocket" Block or Align Honed 400, 2-Pc. Fluoroelastomer
FEL2912	1959-85, 2-Pc. Fluoroelastomer, High Vacuum
FEL2919	1986-95, 1-Pc. Premium Material

Exhaust Header Gaskets

Fel-Pro's exhaust header gaskets have a durable perforated steel core for exceptional sealing without blowouts.

Part No.	Application	Port Size
Small Block Chevy 1955-97 262, 265, 267, 283, 302, 305, 307, 327, 350, 400		
FEL1405	Square (Large Race)	1.55" x 1.55"
FEL1406	"D" Shape (Brodix Track 1)	1.53" x 1.63"
FEL1409	Round (Brodix Spread Port) 18°	1.81" Dia.
FEL1445	Raised "D" Port (Brodix -12B/2000)	1.78" x 1.70"
FEL1482	18° Pro Action	1.74" x 1.60"

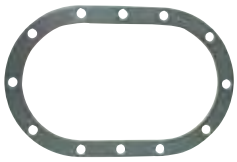
R.A.C.E. Gasket Sets

Remainder to Assemble Complete Engine (R.A.C.E.) sets include water pump, rear main seal, timing cover seal, timing cover, and fuel pump gaskets.

Part No.	Description
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400	
FEL2702	R.A.C.E. Set, 1959-85
FEL2330	Full Circle Timing Cover Gasket Only, Fits Gear Drives and 1-pc. Timing Covers
FEL2335	Timing Cover Gasket Only, Steel Core

SB Chevy Water Pump To Block Gaskets *FEL5152*

Quick Change Gasket *FEL2303*



1/32" steel core gasket fits most 10-bolt cover quick changes.

FEL-PRO

Intake Manifold Gaskets

Fel-Pro intake manifold gaskets are available for a variety of engines and are sold in sets, however, many are also available in bulk (10 sets). Order bulk by adding a "B" to the end of the part number. Bulk gaskets are sold without end seals and distributor gaskets.

Part No.	Application	Material Construction	Port Size	Thickness
SB Chevy 1955-97 262, 265, 267, 283, 302, 307, 327, 350, 400				
FEL1205	Stock Or Small Race Port	Standard Printoseal	1.28" x 2.09"	.060"
FEL1205S-3	Stock/Small Race Port	Steel Core	1.28" x 2.09"	.065"
FEL1206	Medium Race Port	Standard Printoseal	1.31" x 2.21"	.060"
FEL1206S-3	Medium Race Port	Steel Core	1.31" x 2.21"	.065"
FEL1207	Large Race Port	Standard Printoseal	1.38" x 2.28"	.060"
FEL1209	Extra Large Race Port	Standard Printoseal	1.38" x 2.38"	.060"
FEL1245	Trim to Fit (Largest Port Size Listed)	Standard with Coating	1.25" x 1.90"	.120"
FEL1254	Chevy 18° Split Valley Cover Gasket	Standard with Coating	N/A	.060"
FEL1254-1	Chevy 18° Split Valley Cover Gasket	Standard with Coating	N/A	.030"
FEL1263	Raised Runner Pontiac/Chevy "867" Head	Standard with Coating	1.31" x 2.02"	.060"
FEL1266	Medium Race Port	Standard with Coating	1.31" x 2.21"	.120"
FEL1267	Large Race Port	Standard with Coating	1.38" x 2.28"	.120"
FEL1277	Chevy 18° High Port	Standard Uncoated	1.25" x 2.15"	030"
FEL1278	Chevy 18° High Port	Standard Uncoated	1.25" x 2.15"	.045"
FEL1282	Chevy 18° High Port	Standard Uncoated	1.25" x 2.15"	.060"
FEL1282S	Chevy 18° High Port	Steel with Coating	1.25" x 2.15"	.060"
FEL1283	Chevy 18° High Port	Standard	1.25" x 2.15"	.090"

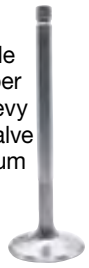
Ferrea RACING COMPONENTS

6000 Series Competition Valves

Valves work well with high valve spring pressures and roller cams for reliable performance at an affordable price. After a two-step forging process, the EV8 stainless steel intake and exhaust valves are heat-treated and stress-relieved. Valves have hard-chromed stems, swirl polished heads, and friction-welded tips. Sold in sets of eight unless specified. For a single valve replace -8 with a -1.

Part No.	Type	Head Size	Stem Dia.	Overall Length	Description
Small Block Chevy					
FERF6107-8	Exh.	1.500"	11/32"	4.960"	12° Flo, Stock/+.050"
FERF6144-8	Exh.	1.500"	11/32"	5.010"	12° Super Flo, +.050"/+.100"
FERF6100-8	Exh.	1.600"	11/32"	4.960"	12° Super Flo Stock/+.050"
FERF6108-8	Exh.	1.600"	11/32"	4.960"	12° Flo. Stk./+.050"
FERF6104-8	Exh.	1.600"	11/32"	5.010"	12° Super Flo +.050"/+.100"
FERF6145-8	Exh.	1.600"	11/32"	5.010"	12° Flo +.050"/+.100"
FERF6202-8	Exh.	1.600"	11/32"	5.060"	20° Semi Tulip Super Flo +.100"
FERF6147-8	Exh.	1.600"	11/32"	5.160"	12° Super Flo-Brodix/+.200"
FERF6102-8	Int.	1.940"	11/32"	4.960"	12° Super Flo, Stock/+.050"
FERF6142-8	Int.	1.940"	11/32"	5.010"	12° Super Flo, +.050"/+.100"
FERF6101-8	Int.	2.020"	11/32"	4.960"	12° Super Flo Stock/+.050"
FERF6103-8	Int.	2.020"	11/32"	5.010"	12° Super Flo +.050"/+.100"
FERF6208-8	Int.	2.020"	11/32"	5.060"	12° Super Flo +.100"
FERF6206-8	Int.	2.020"	11/32"	5.160"	12° Super Flo/Canfield +.200"
FERF6105-8	Int.	2.055"	11/32"	4.960"	12° Super Flo Stock/+.050"
FERF6114-8	Int.	2.055"	11/32"	5.010"	12° Super Flo +.050"/+.100"
FERF6207-8	Int.	2.055"	11/32"	5.060"	12° Super Flo +.100"
FERF6115-8	Int.	2.080"	11/32"	4.960"	12° Super Flo Stock/+.050"
FERF6116-8	Int.	2.080"	11/32"	5.010"	12° Super Flo +.050"/+.100"
FERF6203-8	Int.	2.080"	11/32"	5.060"	12° Super Flo +.100"
FERF6164-1	Int.	2.080"	11/32"	5.160"	12° Super Flo/Canfield/+.200"

Competition Plus Valves



Aerospace alloys, including EV8-Z18, provide high tensile strength while a two-step forging process maintains proper grain flow and correct material structure. Small block Chevy valves listed are heat-treated and stress-relieved. Each valve design undergoes flow bench testing to determine optimum flow and velocity. Sold in sets of eight. To order a single valve, replace the -8 with a -1.

Part No.	Type	Head Size	Stem Dia.	Overall Length	Description
Small Block Chevy					
FERF1100PQ-8	Exh.	1.600"	11/32"	4.960"	14° Super Flo, Stock/+.050"
FERF1476P-8	Exh.	1.600"	11/32"	4.960"	12° Super Flo, Stock/+.050"
FERF1102PQ-8	Exh.	1.600"	11/32"	5.010"	14° Super Flo, +.050"/+.100"
FERF1148PQ-8	Exh.	1.600"	11/32"	5.060"	14° Super Flo, +.100"
FERF1187P-8	Exh.	1.600"	11/32"	5.060"	19° Tulip Super Flo, +.100"
FERF1140PQ-8	Exh.	1.600"	11/32"	5.160"	14° Super Flo, Bro./Pont., +.200"
FERF1108P-8	Exh.	1.625"	11/32"	5.060"	20° Tulip Super Flo, +.100"
FERF1128PQ-8	Exh.	1.625"	11/32"	5.160"	14° Super Flo, Bro./Pont., +.200"
FERF1257P-8	Exh.	1.625"	11/32"	5.560"	14° Super Flo/Dart/Brodix 18°/+.600"
FERF1115P-8	Int.	2.020"	11/32"	4.960"	12° Super Flo, Stock/+.050"
FERF1112P-8	Int.	2.055"	11/32"	5.010"	12° Super Flo, +.050"/+.100"
FERF2252P-8	Int.	2.055"	11/32"	5.060"	14° Super Flo, +.100"
FERF1114P-8	Int.	2.080"	11/32"	5.010"	12° Super Flo, +.050"/+.100"
FERF1147P-8	Int.	2.080"	11/32"	5.060"	12° Super Flo, +.100"
FERF1139P-8	Int.	2.080"	11/32"	5.160"	12° Super Flo, Bro./Pont., +.200"

Fireade

The most complete and user-friendly firefighting agent in the world provides the simplicity of using a single product to extinguish multiple classifications of fires. FireAde is a true Class A and B fire extinguishing agent and eliminates issues associated with Class B foams. Will not clog, gum, or corrode systems or equipment, and has an unlimited shelf life. Sold in 16-oz. or 30-oz. aerosol cans.

Part No.	Description
FIR16FA2K	16-oz. Aerosol Can
FIR30FA2K	30-oz. Aerosol Can
Related Accessories	
FIRCANH	Magnetic FireAde Holder

Single Wire Timing Light *FLAFR1001*

Timing light from Flaming River uses two D-cell batteries to eliminate annoying battery leads. Convenient, single-wire inductive pickup and brilliant Xenon bulb allow precise timing, even in direct sunlight. Lens area is surrounded by an impact-absorbing rubber guard.

40 Series Delta Force® *FLO53545-10*

Aluminized steel alcohol race muffler with 3-1/2" inlet/3" outlet. Offset format with same side out for straight line installation. Aggressive sound.

Photo by: Mike Reusche

5-lb. Sprint Fire Suppression System

SAFAMSC-500H **NEW!**

Sprint fire suppression system features truly independent automatic/manual activation. Thermal nozzles automatically activate at 200°F, while manual nozzles are manually activated. Includes 5-lb. filled aluminum bottle, activating head, pull cable, discharge V-adapter, nozzles and nozzle adapters, tubing tee, discharge tubing roll, and roll bar mounting clamps.

Replacement Components for Fire Suppression Systems

Part No.	Description
SAFAH	Activating Head, Pull/Cable-Activated Top
SAF5CA	4' Replacement Cable
SAF15CA	15' Replacement Cable
SAFNO	Aluminum Nozzle
SAFPRC-500S	Spare Bottle for RC500/RC501 Filled with Dupont FE36
SAFPRC-1000S	Spare Bottle for RC1000/R C1001 Filled with Dupont FE36
SAFSTK5	Tubing Kit, Steel
SAFTK5	Spare Fitting and Tubing Kit, Aluminum
SAFTK10	Tubing Kit with Three Noozles

Fire Suppression Systems

Fire is one of the most terrifying dangers of racing. Strike back with Firebottle. A quick pull of a cable or push of a button, and Firebottle quickly discharges clean, electrically non-conductive, fire-quenching NASCAR-approved Dupont FE36. Systems include mounting bracket, engine and cockpit nozzles, stainless steel PVC-lined cable, and anodized actuating head. All bottles are DOT-approved.

Part No.	Chemical	Cylinder Material	Total Weight	Unit Length	Unit Dia.
Pull/Cable-Activated Systems					
2.5-lb. Manual					
SAFPRC-251*	Dupont FE36	Aluminum	5 lbs.	13-1/4"	3"
5-lb. Manual					
SAFPRC-500	Dupont FE36	Aluminum	9 lbs.	17-1/2"	4"
SAFPRC-510	Dupont FE36	Aluminum	9 lbs.	16-3/4"	4-1/4"
10-lb. Manual					
SAFPRC-1010	Dupont FE36	Aluminum	15 lbs., 4 ozs.	18-1/4"	5-1/4"

**** Not SFI rated***

Flex-Wave Electric Fans

More efficient than conventional S-blade or straight-blade fans, they deliver up to 25% more air flow. May be used to replace an existing belt-driven fan for added horsepower or used as an auxiliary unit. Most may be reversed by flipping blade and reversing wiring polarity. Includes mounting rod kit.

Part No.	Size	CFM	Amp Draw
12" Pusher/Puller			
FLE116542	13" x 12" x 3-1/2"	1325	8
14" Pusher/Puller			
FLE104364	14-3/4" x 14-1/4" x 3-1/2"	1900	9.5

Low-Profile S-Blade Electric Fans

More efficient than traditional flat and angled fan blades, S-blade fans move 1,250 CFM and are available in "puller" or "pusher" versions with adjustable thermostat and A/C relay.

Part No.	Size	CFM	Thermostat	Bracket
Puller				
FLE105400	13-1/2" x 15" x 2-5/8"	1,250	160°-240°	Universal
FLE116550	13-1/2" x 15" x 2-5/8"	1,250	None	Universal

Electric Fan Accessories

Part No.	Description
FLE117768	Plastic Rod Mounting Kit
FLE107006	Adjustable Temperature Sender (Fan Activation)

Ryan Ruhl — Photo by: JohnnyB Imagery

Joe Liquori — Photo by: JohnnyB Imagery

www.flofast.com

FLO-FAST™

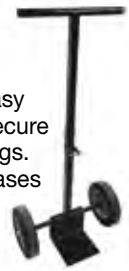
"portable fluid transfer systems"

Professional Compact Versa Cart Systems NEW!

Compact, versatile, and portable, system allows the quick and efficient transfer of fluids, while eliminating the commonly associated spillage and heavy lifting. Includes manual pump with 5' of hose and draw tube, Versa Cart (FLF60604) with 10" tires and telescoping handlebars, and choice of (1) 7.5-gallon, (2) 5-gallon, or (1) 15-gallon container(s) complete with cap and brass vent. Choose from systems with blue, white, red, or yellow containers.

Blue	White	Red	Yellow
System with (1) 7-1/2 Gallon Jug			
FLF30107-B	FLF30107-N	FLF30107-R	FLF30107-Y
System with (2) 5-Gallon Jugs			
FLF30125-B	FLF30125-N	FLF30125-R	FLF30125-Y
System with (1) 15-Gallon Jug			
FLF30150-B	FLF30150-N	FLF30150-R	FLF30150-Y

Compact Versa Cart *FLF60604* NEW!



Lightweight and foldable, yet durable and easy to use. Made in the USA, compact cart can secure any single Flo-Fast single jug or (2) 5-gallon jugs. Large, 10" dia. tires and telescoping handle eases transport.

Pump Supply Systems

Transfer fuel, oil, etc. quickly, safely and effectively from utility jugs. Pump supply systems are offered to transfer liquids from 5- or 7.5-gallon utility jugs.

Part No.	Description
FLF30301	Fits 5-Gallon Utility Jugs
FLF30302	Fits 7.5-Gallon Utility Jugs
System Accessories	
FLF80803	Draw Tube Extension, Adapts Pump Supply System to 15-Gallon Utility Jug
FLF90901	Pump Holder, Secures Pump to Trailer/Garage Wall When Not in Use

Professional 15-Gallon Pump Supply Systems

FLF31015-B

Transfer gasoline, alcohol, or oil safely, quickly, and effectively from utility jugs, fuel tanks, cells, etc. Professional-level 15-gallon system includes fluid transfer pump with draw tube and 5' of hose, 15-gallon container and heavy-duty, wheeled Versa Cart.

Part No.	Description
FLF31015-B	15-Gallon System, Blue Utility Jug
FLF31015-N	15-Gallon System, Natural Utility Jug
FLF31015-R	15-Gallon System, Red Utility Jug
FLF31015-Y	15-Gallon System, Yellow Utility Jug
Replacement Components	
FLF15502	15-Gallon Utility Jug, Blue
FLF15503-N	15-Gallon Utility Jug, Natural
FLF15504	15-Gallon Utility Jug, Yellow
FLF55100	Pump System with Draw Tube and 5' Hose
FLF80850	Professional Model Filter, Install into Draw Tube
FLF81505	Professional Model Drum Pump Kit, Allows Using FLF31015 with a Drum

Stackable 5-Gallon Utility Containers NEW!

Molded polyethylene, 5-gallon utility containers help save space in the trailer or garage by stacking. Containers include a molded-in, female brass insert and male vent valve that provides ample air flow when utilizing the Flo-Fast Pump, or pouring without a spout. Includes cap. Sold each or in cases of three, utility containers are available in four colors.

Color	Each	Case of 3
Blue	FLF50101	FLF50101-3
White	FLF50102	FLF50102-3
Red	FLF50103	FLF50103-3
Yellow	FLF50104	FLF50104-3

7-1/2 Gallon Utility Jugs NEW!

Dual handle, 7-1/2 gallon utility jug is compatible with all types of fuels, coolants, etc. Manufactured from a plastic composite material, jug includes a molded-in petcock vent to ease pouring. Includes solid plastic cap with internal O-ring. Sold Each.

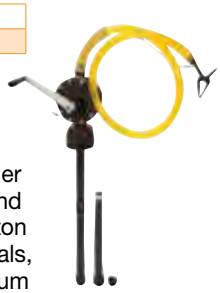
Part No.	Description
FLF75002	Blue Utility Jug
FLF75003	White Utility Jug
FLF75004	Yellow Utility Jug

Pour Spouts

Pour spouts attach directly to all large-mouth utility jugs. Includes cap, hose, and tether plug.

Part No.	Description
FLF70715	3/4" I.D., 1" O.D.
FLF70720	1" I.D., 1.25" O.D.

Professional Model Drum Pump *FLF51505*



Transfers up to 8 gallons per minute in either direction from 7.5- or 15-gallon utility jugs and standard barrels. Pump is made using a Ryton pump body that is fitted with Viton/PTFE seals, stainless steel hardware, steel shaft, aluminum handle, and premium 3/4" x 5' hose. Includes tether line, clamp and plug, and static line.

Non-Splash Funnel and Flexible Hose *FLF40430*

Large 9" diameter oval funnel includes a rolled lip and a flexible filler tube to prevent spills. Funnel features a built-in 40-micron filter.

Jug Funnel Kit Assembly *FLF40410*

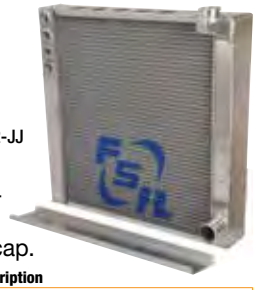
One-piece cap and funnel assembly may be used with virtually any 5-, 7.5-, or 15-gallon utility jugs. Round, 10" diameter funnel allows transferring liquid from one jug to another in seconds.

Compact Fold-Flat Cart *FLF60605*

Heavy-duty carts have a lightweight design to make transporting utility jugs easy. Versa Cart with 10" tires/wheels. Transports (1) 15-gallon container.

WWW.FSRPRODUCTS.COM

Sprint Car Triple-Pass Radiator FSR6291T2-JJ



Runs 50-70°F cooler than standard double-pass radiators. Designed specifically for 305 and crate Sprint Cars. Four -10AN O-ring female ports. Requires 1" cap.

Part No.	Description
FSR6291T2-JJ	19-3/4"W x 19"H x 3"D, 1-1/2" Lower Hose, Tray Included. Drop-in Style, Needs Tray for Mounting
FSR6291T2	20-1/2"W x 19-3/4"H x 3"D, 1-1/2" Quick Fastener to Frame for Quick Mounting Lower Hose

Sprint Car Radiator

Furnace-brazed, 100% pressure-tested aluminum sprint car radiators are double-pass style and mount directly to the sprint car chassis or engine. Radiators have two -6AN and two -8AN fittings.

Part No.	Description
FSR1105-2	Mounted
FSR6291	Chassis Mount

FSR1105-2

Mini Sprint Radiator *FSR78302-2*

Custom-fabricated lightweight aluminum Mini Sprint radiator is 17" x 12", includes a two-row core and cage mount design.

Mobile Bleeder Tank *FSR122853*

TIG-welded aluminum bleeder tank includes pressure gauge, built-in carrying handle, and tray. Tank sets regular and diaphragm axle bleeders perfect every time.

Sprint Lower Radiator Hose *FSR20703*

Tired of searching for the right hose to fit your sprint car application? Molded lower radiator hose fits perfectly, without any cutting or fitting. Fits small block Chevy.

305 Sprint Lower Radiator Hose *FSR3364*

305 Sprint lower radiator hose has 1-1/2" x 1-3/4" ends. Manufactured from silicone for maximum durability.

Engine Block Heater *FSR120832*

A safe, easy, inexpensive way to preheat your engine. Each kit includes a left and right side, and a pair of power cords.

Direct-Mount Sprint Car Toe Plates *FSR1229*

Direct-mount toe plates attach directly to the wheel center, allowing quick, accurate toe measurements. Sold in pairs.

Sprint Car Teardown Cart *FSR7710B*

Get those parts off the floor and keep them organized. Have everything to build a new car at your finger tips. Black powder coated.

The photo is only representing the product because the product is stocked in black.

Chase Randall

Photo by: Mike Reusche

Coil-Over Kit

FOX803-02-071

Engineered for use with 2-1/2" I.D. coil springs, kit may be used with all Fox steel-body shock absorbers. ***Note: When using 5.0" O.D. springs, Allstar Performance 64185 or Howe 30203 coil-over adapter should be used with FOX803-02-062.***

Part No.	Description
Replacement Component	
FOX038-01-007-A	Coil-Over Kit Retaining Ring

Shock Fill Tool

FOX803-00-894

Required to properly fill Fox seal screw-type shock absorbers.

JM92 Advanced Suspension Fluid

Specially formulated shock absorber fluid is engineered to provide consistent and predictable performance over a temperature range -70°F to 400°F. Proprietary fluid is sold in quarts or gallons.

Part No.	Description
FOX025-03-011	1 Quart
FOX025-03-012	1 Gallon

Shock Absorbers

SPECIAL ORDER ONLY

Call for options and more information.

Race-Rite Reusable PTFE Hose Ends

Race-Rite hose ends feature an enlarged I.D. for improved flow, while the double-swivel design allows for clocking during installation. For use with Race-Rite or Race-Rite Pro hose. Black, hard coat anodized finish.

Hose Size	Part No.
Straight	
-6	FRG2500106
-8	FRG2500108
-10	FRG2500110
-12	FRG2500112
30°	
-6	FRG2503006
-12	FRG2503012
45°	
-6	FRG2504506
-8	FRG2504508
-10	FRG2504510
-12	FRG2504512
60°	
-6	FRG2506006
-8	FRG2506008
-10	FRG2506010
-12	FRG2506012
90°	
-6	FRG2509006
-8	FRG2509008
-10	FRG2509010
-12	FRG2509012
120°	
-6	FRG2512006
-10	FRG2512010
-12	FRG2512012
150°	
-6	FRG2515006
-8	FRG2515008
180°	
-8	FRG2518008

Replacement Olives

Designed for use exclusively with Race-Rite PTFE hose ends. Sold each.

Part No.	Description
FRG2500006	-6AN
FRG2500008	-8AN
FRG2500010	-10AN
FRG2500012	-12AN

Race-Rite Pro Hose

Top-of-the-line Race-Rite Pro hose uses an enlarged inner diameter and conductive smooth-bore PTFE core for exceptional fluid flow. The convoluted exterior with braided Aramid cover features an externally wound spiral wire for increase flexibility and crush resistance, ideal for dry sump or high-vacuum applications. Compatible with all fluids, including ethanol-type fuels. Operating range is -65° to 500°F.

Hose I.D.	Hose O.D.	3'	6'	10'	15'	20'
-6 Hose						
3/8"	.520"	FRG2710306	FRG2710606	FRG2711006	FRG2711506	FRG2712006
-8 Hose						
1/2"	.655"	FRG2710308	FRG2710608	FRG2711008	FRG2711508	FRG2712008
-10 Hose						
5/8"	.820"	FRG2710310	FRG2710610	FRG2711010	FRG2711510	—
-12 Hose						
3/4"	.950"	FRG2710312	FRG2710612	FRG2711012	FRG2711512	FRG2712012
-16 Hose						
1"	1.250"	FRG2710316	FRG2710616	FRG2711016	FRG2711516	FRG2712016

Race-Rite Direct-Fit Crimp-On Hose Ends

Low-profile Race-Rite Direct-Fit hose ends help shave valuable inches in tight applications. Hose ends utilize a crimp collar that threads onto the body, helping to ensure a perfect, concentric crimp. Double-swivel design eases installation and desired routing. Hard coat, black anodized finish.

Hose Size	Thread	Part No.
90°		
-12	1-1/16"-12 (-12)	FRG2609012-RAD
120°		
-12	1-1/16"-12 (-12)	FRG2612012-RAD

Race-Rite Crimp-On Hose Ends

Fittings combine the benefits of a larger I.D. for maximum fluid flow with a double-swivel design that eases hose routing and installation. Included collar threads onto the hose end, delivering a secure crimp. For use with Race-Rite or Race-Rite Pro hose. Fittings are black, hard coat anodized.

Hose Size	Part No.
Straight	
-4	FRG2600104
-6	FRG2600106
-8	FRG2600108
-10	FRG2600110
-12	FRG2600112
-16	FRG2600116
30°	
-10	FRG2603010
-12	FRG2603012
-16	FRG2603016
45°	
-6	FRG2604506
-8	FRG2604508
-10	FRG2604510
-12	FRG2604512
-16	FRG2604516

Hose Size	Part No.
60°	
-8	FRG2606008
-10	FRG2606010
-12	FRG2606012
-16	FRG2606016
90°	
-6	FRG2609006
-8	FRG2609008
-10	FRG2609010
-12	FRG2609012
-16	FRG2609016
120°	
-6	FRG2612006
-8	FRG2612008
-10	FRG2612010
-12	FRG2612012
-16	FRG2612016

Hose Size	Part No.
150°	
-6	FRG2615006
-10	FRG2615010
-12	FRG2615012
180°	
-6	FRG2618006
-8	FRG2618008
-12	FRG2618012
-16	FRG2618016

Series 2000 Pro-Flow Hose Ends

Pro-Flow hose ends utilize a “single nipple", which allows the socket to draw the hose over a long, tapered single nipple, effectively sealing the hose between the inside of the socket and the outside of the nipple. Hose ends are easily re-used because there is no sliver of cut hose to remove before installing the fitting on a new length of hose. Fittings are available in black or blue/red anodized finishes.

Hose Size	Black	Blue/Red
Straight		
-4	FRG220104-BL	FRG220104
-6	FRG220106-BL	FRG220106
-8	FRG220108-BL	FRG220108
-10	FRG220110-BL	FRG220110
-12	FRG220112-BL	FRG220112
-16	FRG220116-BL	FRG220116
30°		
-4	FRG223004-BL	—
-6	FRG223006-BL	FRG223006
-8	FRG223008-BL	FRG223008
-10	FRG223010-BL	—
-12	FRG223012-BL	FRG223012
-16	FRG223016-BL	—
45°		
-4	FRG224504-BL	FRG224504
-6	FRG224506-BL	FRG224506
-8	FRG224508-BL	FRG224508
-10	FRG224510-BL	FRG224510
-12	FRG224512-BL	FRG224512
-16	FRG224516-BL	FRG224516

Hose Size	Black	Blue/Red
60°		
-4	FRG226004-BL	—
-6	FRG226006-BL	FRG226006
-8	FRG226008-BL	—
-10	FRG226010-BL	FRG226010
-12	FRG226012-BL	FRG226012
-16	FRG226016-BL	—
90°		
-4	FRG229004-BL	FRG229004
-6	FRG229006-BL	FRG229006
-8	FRG229008-BL	FRG229008
-10	FRG229010-BL*	FRG229010
-12	FRG229012-BL	FRG229012
-16	FRG229016-BL	FRG229016
120°		
-4	FRG231204-BL	—
-6	FRG231206-BL	FRG231206
-8	FRG231208-BL	FRG231208
-10	FRG231210-BL	FRG231210
-12	FRG231212-BL	FRG231212
-16	FRG231216-BL	—

Hose Size	Black	Blue/Red
150°		
-4	FRG231504-BL	—
-6	FRG231506-BL	FRG231506
-8	FRG231508-BL	—
-10	FRG231510-BL	FRG231510
-12	FRG231512-BL	—
-16	FRG231516-BL	—
180°		
-4	FRG231804-BL	—
-6	FRG231806-BL	FRG231806
-8	FRG231808-BL	FRG231808
-10	FRG231810-BL	FRG231810
-12	FRG231812-BL	FRG231812
-16	FRG231816-BL	—

**** Also available with attached radiused fitting; simply add “RAD” to part no.***

Fragola Performance Systems

Premium Black Nylon Race Hose

Designed for use with FPS Series 2000 hose ends and FPS sport-crimp hose ends, black nylon race hose incorporates a synthetic rubber core that has an operating range of -40°F to 300°F and up to 500 PSI of working pressure, allowing for use with most oils, coolants, and fuels. Lightweight and durable, braided nylon hose is reinforced with a single braid of bright corrosion-resistant 302 stainless steel wire braid for added strength. ***Note: Hose is not intended for use with 3000 Series hose ends.***

AN Size	Hose I.D.	Working Pressure	Vacuum Rating	Min. Bend Radius	3' Length	6' Length	10' Length	15' Length	20' Length
-4	7/32"	500	28 in. hg.	2.0"	FRG840304	FRG840604	FRG841004	FRG841504	FRG842004
-6	11/32"	500	28 in. hg.	2.5"	FRG840306	FRG840606	FRG841006	FRG841506	FRG842006
-8	7/16"	500	28 in. hg.	3.5"	FRG840308	FRG840608	FRG841008	FRG841508	FRG842008
-10	9/16"	500	28 in. hg.	4.0"	FRG840310	FRG840610	FRG841010	FRG841510	FRG842010
-12	11/16"	350	28 in. hg.	4.5"	FRG840312	FRG840612	FRG841012	FRG841512	FRG842012
-16	7/8"	350	28 in. hg.	5.0"	FRG840316	FRG840616	FRG841016	FRG841516	FRG842016

Series 2000 Expander and Reducer Hose Ends

Expander and reducer hose ends simplify complex plumbing tasks. Offered in red/blue or black.

AN Size	Hose Size	Red/Blue	Black
Straight Expander			
-6	-8	FRG220105	—
Straight Reducer			
-8	-6	FRG220107	—
45° Reducer			
-10	-8	FRG224509	—
60° Expander			
-12	-16	—	FRG226013-BL
90° Expander			
-6	-8	FRG229005	—
-10	-12	FRG229011	—
90° Reducer			
-8	-6	FRG229007	—
-10	-8	FRG229009	—
120° Reducer			
-8	-6	—	FRG231207-BL

Sport-Crimp Replacement Crimp Collars

AN Size	Part No.
-6	FRG3100006S
-8	FRG3100008S
-10	FRG3100010S
-12	FRG3100012S
-16	FRG3100016S

Charlie Baur Photo by: JohnnyB Imagery

Sport-Crimp Hose Ends

Similar in design to the Series 3000, the Sport-Crimp hose ends use a crimp collar that threads directly into the hose-end body, ensuring a secure crimp connection. Fittings may be used with 8400 Series premium black nylon race hose or 3000 Series stainless race hose.

AN Size	Part No.
Straight	
-4	FRG3100104
-6	FRG3100106
-8	FRG3100108
-12	FRG3100112
30°	
-6	FRG3103006
-8	FRG3103008
-10	FRG3103010
-12	FRG3103012
-16	FRG3103016
45°	
-4	FRG3104504*
-6	FRG3104506
-16	FRG3104516
60°	
-6	FRG3106006
-8	FRG3106008
-10	FRG3106010
-12	FRG3106012
-16	FRG3106016
90° Low-Profile	
-12	FRG3109112

**** -4 fittings are non-swivel.***

AN Size	Part No.
90°	
-4	FRG3109004*
-6	FRG3109006
-12	FRG3109012
120° Bent Tube	
-10	FRG112010-BL
120°	
-6	FRG3112006
-8	FRG3112008
-10	FRG3112010
-12	FRG3112012
-16	FRG3112016
150°	
-6	FRG3115006
-8	FRG3115008
-10	FRG3115010
-12	FRG3115012
-16	FRG3115016
180°	
-6	FRG3118006
-8	FRG3118008
-10	FRG3118010
-12	FRG3118012
-16	FRG3118016

**** -4 fittings are non-swivel.***

Series 3000 Hose Ends

The Series 3000 hose ends use a "cutter" method of hose attachment as the socket draws the hose over the nipple and into the cutter. The seal is formed by the cutter embedding itself into the end of the hose. Designed exclusively for use with Series 3000 hose. Offered with black finish only.

Hose Size	Black
Straight	
-4	FRG100104-BL
-6	FRG100106-BL
-8	FRG100108-BL
-10	FRG100110-BL
-12	FRG100112-BL
-16	FRG100116-BL
-20	FRG100120-BL
45° Bent Tube	
-10	FRG104510-BL

Hose Size	Black
90° Bent Tube	
-4	FRG109004-BL
-6	FRG109006-BL
-10	FRG109010-BL
-12	FRG109012-BL
-16	FRG109016-BL
-20	FRG109020-BL
90° Low-Profile	
-6	FRG109106-BL
-8	FRG109108-BL
-10	FRG109110-BL
-12	FRG109112-BL
120° Low-Profile	
-10	FRG112010-BL

Fragola Performance Systems

Series 3000 Direct-Fit Hose Ends

Series 3000 direct-fit hose ends use the "cutter" method of hose attachment, shaving valuable inches in tight applications. Designed exclusively for use with Series 3000 hose. Offered with black finish only.

Part No.	Description
FRG190106-BL	Straight Fitting, -6AN Hose End to 1/4" MPT
FRG194510-BL	45° Fitting, -10AN Hose End to 1/2" MPT
FRG189010-BL	90° Fitting, -10AN Hose End to 7/8"-14 (-10) NEW!
FRG189012-BL	90° Fitting, -12AN Hose End to 1-1/16"-12 (-12) NEW!
FRG199011-BL	90° Fitting, -10AN Hose End to 3/8" NPT Male NEW!

Series 3000 Stainless Race Hose

Engineered exclusively for use with Series 3000 hose ends, aerospace-quality hose is compatible with all hydrocarbon and alcohol-based fuels, along with synthetic and petroleum-based lubricants. Hose features an operating range of -40°F to 300°F, and combines a CPFE inner liner with two layers of woven stainless steel.

Hose I.D.	Working Pressure	Vacuum Rating	3' Length	6' Length	10' Length	20' Length
-4 Hose						
7/32"	1500	27 in. Hg	—	FRG706004	—	—
-6 Hose						
11/32"	1500	27 in. Hg	FRG703006	FRG706006	FRG710006	FRG720006
-8 Hose						
7/16"	1250	27 in. Hg	FRG703008	—	FRG710008	FRG720008
-10 Hose						
9/16"	1250	27 in. Hg	FRG703010	—	FRG710010	FRG720010
-12 Hose						
11/16"	1000	27 in. Hg	FRG703012	FRG706012	—	FRG720012

Double Open-End Wrench Set

Durable, heat-treated aluminum wrenches are perfect for tightening aluminum AN fittings, even in tight spaces. Each wrench includes two different angles for ease of use. Set of five includes -6, -8, -10, -12, and -16AN.

Part No.	Description
FRG900100	Five Piece Wrench Set
FRG900086	-6AN Wrench Only

Padded Line Clamps

Part No.	Description
10-Pack	
FRG900953	5/8"
FRG900954	3/4"
FRG900955	7/8"
5-Pack	
FRG900956	1"
FRG900958	1-1/2"

Series 8000 Push-Lite Race Hose Ends

Made from lightweight aluminum with an attractive black or blue anodized finish, Push-Lite race hose ends have a barbed end for ease of assembly and a leakproof seal.

Hose Size	Black	Blue
Straight		
-4	FRG200104-BL	FRG200104
-6	FRG200106-BL	FRG200106
-8	FRG200108-BL	—
-10	FRG200110-BL	FRG200110
-12	FRG200112-BL	FRG200112
-16	FRG200116-BL	FRG200116
-20	FRG200120-BL	—
Straight X Reducer		
-6 to 3/8" (-6)	—	FRG200123
-8 to 3/8" (-6)	FRG200107-BL	FRG200107
30°		
-6	FRG203006-BL	—
-8	FRG203008-BL	FRG203008
-10	FRG203010-BL	—
-12	FRG203012-BL	—
-16	FRG203016-BL	—
45°		
-4	FRG204504-BL	—
-6	FRG204506-BL	FRG204506
-8	FRG204508-BL	FRG204508
-10	FRG204510-BL	FRG204510
-12	FRG204512-BL	FRG204512
-16	FRG204516-BL	—
60°		
-6	FRG206006-BL	—
-8	FRG206008-BL	FRG206008
-10	FRG206010-BL	—
-12	FRG206012-BL	—
-16	FRG206016-BL	—
90°		
-4	FRG209004-BL	FRG209004
-6	FRG209006-BL	FRG209006
-8	FRG209008-BL	FRG209008
-10	FRG209010-BL	FRG209010
-12	FRG209012-BL	—
-16	FRG209016-BL	FRG209016
-20	FRG209020-BL	—
120°		
-6	FRG212006-BL	FRG212006
-8	FRG212008-BL	FRG212008
-10	FRG212010-BL	FRG212010
-12	FRG212012-BL	—
-16	FRG212016-BL	—
150°		
-6	FRG215006-BL	—
-8	FRG215008-BL	—
-10	FRG215010-BL	—
-12	FRG215012-BL	—
-16	FRG215016-BL	—
180°		
-6	FRG218006-BL	FRG218006
-8	FRG218008-BL	FRG218008
-10	FRG218010-BL	—
-12	FRG218012-BL	—
-16	FRG218016-BL	—

Fragola Performance Systems

8300 Series High-Temp Push-Lock Hose NEW!

Series 8300 synthetic rubber hose is the perfect alternative when cost or weight is the primary concern. Hose offers a 400 PSI maximum working pressure and a temperature range of up to 300°F, and is compatible with a wide range of lubricants, fuels, and coolants, including alcohol, and E85. Designed for use with 8000 Series Push-Lite hose ends. Black only.

AN Size	3' Length	6' Length	10' Length	15' Length	Length
-4	FRG833004	FRG836004	FRG831004	FRG831504	FRG832004
-6	FRG833006	FRG836006	FRG831006	FRG831506	FRG832006
-8	FRG833008	FRG836008	FRG831008	FRG831508	FRG832008
-10	FRG833010	FRG836010	FRG831010	FRG831510	FRG832010
-12	FRG833012	FRG836012	FRG831012	FRG831512	FRG832012

8600-8700 Series Parker Push-Lok General Purpose Hose

Designed for use with 8000 Series Push Lite race hose ends, Parker Push-Lok hose is popularly used as fuel line. Hose is made with a synthetic rubber tube covered with a single layer of textile braid and a synthetic rubber outer layer, has a temperature range of -40 to 212°F and 250 PSI maximum pressure rating. Offered in blue or black.

AN Size	Hose I.D.	Max. Burst Pressure	Vacuum Rating	Black 3' Length	Black 6' Length	Blue 10' Length	Black 10' Length	Blue 20' Length	Black 20' Length
-4	1/4"	250	28 in. hg.	—	—	—	FRG871004	FRG862004	FRG872004
-6	3/8"	250	28 in. hg.	FRG873006	FRG876006	FRG861006	FRG871006	FRG862006	FRG872006
-8	1/2"	250	28 in. hg.	—	—	FRG861008	FRG871008	FRG862008	FRG872008
-10	5/8"	250	15 in. hg.	—	—	FRG861010	FRG871010	FRG862010	FRG872010
-12	3/4"	250	15 in. hg.	—	—	FRG861012	FRG871012	—	FRG872012
-16	1"	175	15 in. hg.	—	—	—	FRG871016	—	—
-20	1-1/4"	150	10 in. hg.	—	—	—	FRG871020	—	—

Real-Street Hose Ends

Fully reusable hose ends are engineered for use with PTFE hose, and eliminate permeation issues common to aftermarket racing hose. Hose ends include a "double-swivel" design and are finished in a bright dip, black anodized finish.

Hose Size	Part No.
Straight	
-4	FRG680104-BL
-6	FRG680106-BL
-8	FRG680108-BL
-10	FRG680110-BL
-12	FRG680112-BL
30°	
-6	FRG683006-BL
-8	FRG683008-BL
45°	
-6	FRG684506-BL
-8	FRG684508-BL
-10	FRG684510-BL
-12	FRG684512-BL
45°	
-6	FRG686006-BL
-8	FRG686008-BL
-10	FRG686010-BL
-12	FRG686012-BL

Hose Size	Part No.
90°	
-6	FRG689006-BL
-8	FRG689008-BL
-10	FRG689010-BL
-12	FRG689012-BL
120°	
-6	FRG681206-BL
-8	FRG681208-BL
-10	FRG681210-BL
-12	FRG681212-BL
150°	
-6	FRG681506-BL
-8	FRG681508-BL
-10	FRG681510-BL
-12	FRG681512-BL
180°	
-6	FRG681806-BL
-8	FRG681808-BL
-10	FRG681810-BL
-12	FRG681812-BL

6000 Series PTFE Hose

Durable PTFE hose has the ability to endure high temperatures and pressures, while cycling over and over without failure. Hose is well suited for use with engine, transmission, brake, or power steering lubricants, and is fully compatible with nitrous oxide. Offered with or without black outer covering.

AN Size	Hose I.D.	Cover	
3' Length			
-6	5/16"	None	FRG603006
-6	5/16"	Black	FRG603026
-8	13/32"	None	FRG603008
-8	13/32"	Black	FRG603028
-10	1/2"	None	FRG603010
6' Length			
-6	5/16"	None	FRG606006
-6	5/16"	Black	FRG606026
-8	13/32"	None	FRG606008
-8	13/32"	Black	FRG606028
-10	1/2"	None	FRG606010
10' Length			
-6	5/16"	None	FRG601006
-6	5/16"	Black	FRG601026
-8	13/32"	None	FRG601008
-8	13/32"	Black	FRG601028
-10	1/2"	None	FRG601010

AN Size	Hose I.D.	Cover	
15' Length			
-6	5/16"	None	FRG601506
-6	5/16"	Black	FRG601526
-8	13/32"	None	FRG601508
-8	13/32"	Black	FRG601528
-10	1/2"	None	FRG601510
20' Length			
-4	1/4"	Black	FRG602024
-6	5/16"	None	FRG602006
-6	5/16"	Black	FRG602026
-8	13/32"	None	FRG602008
-8	13/32"	Black	FRG602028
-10	1/2"	None	FRG602010
-10	1/2"	Black	FRG602029

Direct-Fit Real Street Hose Ends

Similar to standard direct-fit hose ends, but in a low-profile design that shaves precious inches in tight applications.

Black Part No.	Hose Size	Dash Size
Straight Banjo		
FRG680010-BL	-10	-10 (7/8"-14)
90°		
FRG689706-BL	-6	-6 (9/16"-18)
FRG689707-BL	-8	-6 (9/16"-18)
FRG689708-BL	-8	-8 (3/4"-16)
FRG689709-BL	-10	-8 (3/4"-16)
FRG689711-BL	-10	-12 (1-1/16"-12)

Hose Barb to AN Adapters

Black	Blue	"A" Hose Size	"B" AN Size
—	FRG484104	1/4"	-4
—	FRG484106	3/8"	-6
FRG484205-BL	—	5/16"	-6
—	FRG484108	1/2"	-8
FRG484110-BL	—	5/8"	-10
FRG484112-BL	—	3/4"	-12

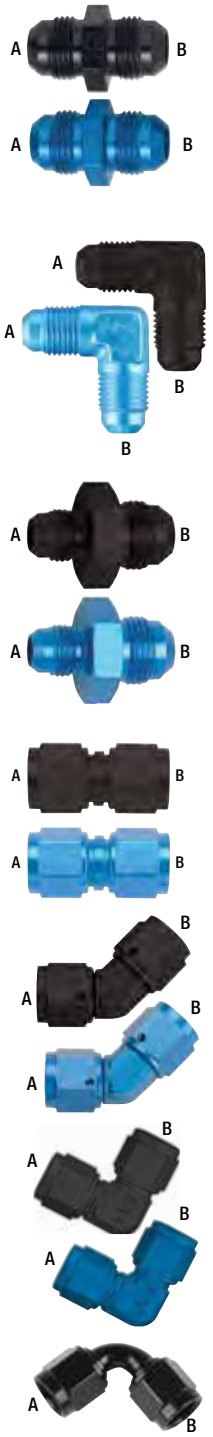
Push-Lok Clamps and Pliers

Lightweight stainless steel band clamps are ideal for push-on hose applications that are subject to elevated temperatures and pressures. Sold per pair. Special pliers may be utilized for installation or removal of band clamps.

Part No.	Description
FRG999150	Clamp Pliers
FRG999156	-6AN Clamps
FRG999158	-8AN Clamps
FRG999160	-10AN Clamps
FRG999162	-12AN Clamps

AN Flare Adapters

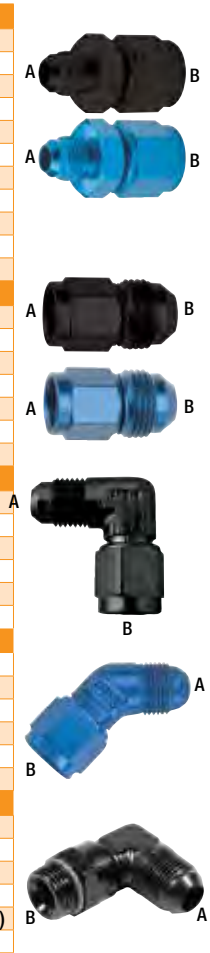
Black	Blue	"A" Dash Size	"B" Dash Size
Aluminum Union			
—	FRG581503*	-3	-3
FRG481503-BL	FRG481503	-3	-3
FRG481504-BL	FRG481504	-4	-4
FRG481506-BL	FRG481506	-6	-6
FRG481508-BL	FRG481508	-8	-8
FRG481510-BL	FRG481510	-10	-10
FRG481512-BL	FRG481512	-12	-12
FRG481516-BL	FRG481516	-16	-16
Aluminum 90° Union			
FRG482103-BL	FRG482103	-3	-3
FRG482104-BL	—	-4	-4
FRG482106-BL	FRG482106	-6	-6
FRG482108-BL	FRG482108	-8	-8
FRG482110-BL	FRG482110	-10	-10
FRG482112-BL	—	-12	-12
—	FRG482116	-16	-16
Aluminum Male Reducer			
FRG491902-BL	FRG491902	-3	-4
FRG491906-BL	FRG491906	-4	-6
FRG491912-BL	FRG491912	-6	-8
FRG491913-BL	—	-4	-10
FRG491914-BL	—	-6	-10
FRG491915-BL	FRG491915	-8	-10
—	FRG491918	-6	-12
FRG491919-BL	—	-8	-12
FRG491920-BL	—	-10	-12
FRG491922-BL	—	-10	-16
FRG491923-BL	FRG491923	-12	-16
Aluminum Female Swivel			
FRG496103-BL	FRG496103	-3	-3
FRG496104-BL	FRG496104	-4	-4
FRG496106-BL	FRG496106	-6	-6
FRG496107-BL	FRG496107	-6	-8
FRG496108-BL	FRG496108	-8	-8
FRG496109-BL	FRG496109	-8	-10
FRG496110-BL	FRG496110	-10	-10
FRG496112-BL	FRG496112	-12	-12
FRG496116-BL	—	-16	-16
Aluminum 45° Female Coupler			
—	FRG496206	-6	-6
—	FRG496208	-8	-8
FRG496212-BL	—	-12	-12
FRG496216-BL	—	-16	-16
Aluminum 90° Female Coupler			
—	FRG496303	-3	-3
—	FRG496304	-4	-4
FRG496306-BL	FRG496306	-6	-6
FRG496308-BL	FRG496308	-8	-8
—	FRG496310	-10	-10
—	FRG496312	-12	-12
Aluminum 90° Female Tube Style Coupler			
FRG496321-BL	—	-4	-4
FRG496317-BL	—	-6	-6
FRG496318-BL	—	-8	-8
FRG496319-BL	—	-10	-10
FRG496320-BL	—	-20	-20



AN Flare Adapters - *Cont.*

Black	Blue	"A" Dash Size	"B" Dash Size
Aluminum Swivel Reducer			
FRG497204-BL	FRG497204	-3	-4
FRG497206-BL	FRG497206	-4	-6
FRG497218-BL	FRG497218	-4	-8
FRG497208-BL	FRG497208	-6	-8
FRG497210-BL	FRG497210	-6	-10
FRG497211-BL	FRG497211	-8	-10
FRG497212-BL	FRG497212	-8	-12
FRG497213-BL	FRG497213	-10	-12
FRG497216-BL	FRG497216	-10	-16
FRG497217-BL	FRG497217	-12	-16
FGR497219-BL	—	-16	-20
Aluminum Swivel Flare Expander			
FRG497304-BL	FRG497304	-3	-4
FRG497306-BL	FRG497306	-4	-6
FRG497308-BL	FRG497308	-6	-8
FRG497310-BL	FRG497310	-8	-10
FRG497312-BL	FRG497312	-10	-12
FRG497316-BL	—	-12	-16
FRG497320-BL	FRG497320	-16	-20
Aluminum Female to Male 90° Swivel			
FRG498101-BL	FRG498101	-3	-3
FRG498102-BL	FRG498102	-4	-4
—	FRG498103	-6	-6
FRG498104-BL	FRG498104	-8	-8
—	FRG498105	-10	-10
FRG498106-BL	—	-12	-12
Aluminum 45° Swivel Flare Adapters			
—	FRG498001	-3	-3
—	FRG498002	-4	-4
FRG498003-BL	FRG498003	-6	-6
—	FRG498004	-8	-8
—	FRG498005	-10	-10
FRG498008-BL	—	-16	-16
Aluminum Male to Male 90° Swivel			
FRG499268-BL	—	-6	-6 (3/4"-16)
FRG499207-BL	—	-8	-8 (9/16"-18)
FRG499208-BL	—	-8	-8 (3/4"-16)
FRG499210-BL	—	-10	-10 (7/8"-14)
FRG499212-BL	—	-12	-12 (1-1/16"-12)
FRG499213-BL	—	-12	-10 (7/8"-14)

**** Signifies steel fitting.***



Black	Blue	"A" Dash Size
Aluminum Flare Cap		
FRG492903-BL	FRG492903	-3
FRG492904-BL	FRG492904	-4
FRG492906-BL	FRG492906	-6
FRG492908-BL	FRG492908	-8
FRG492910-BL	FRG492910	-10
FRG492912-BL	FRG492912	-12
FRG492916-BL	FRG492916	-16
FRG492920-BL	—	-20

AN Flare Adapters - *Cont.*

Black	Blue	"A" Dash Size	"B" Dash Size	"C" Dash Size
Aluminum Tee, Female Swivel on Run				
FRG498301-BL	—	-3	-3	-3
FRG498302-BL	FRG498302	-4	-4	-4
FRG498303-BL	—	-6	-6	-6
FRG498304-BL	—	-8	-8	-8
FRG498305-BL	—	-10	-10	-10
FRG498306-BL	—	-12	-12	-12
FRG498308-BL	—	-16	-16	-16
Aluminum Tee, Female Swivel on Side				
FRG498201-BL	FRG498201	-3	-3	-3
FRG498202-BL	FRG498202	-4	-4	-4
FRG498203-BL	FRG498203	-6	-6	-6
FRG498204-BL	FRG498204	-8	-8	-8
Aluminum Tee				
FRG482403-BL	FRG482403	-3	-3	-3
FRG482404-BL	FRG482404	-4	-4	-4
FRG482406-BL	FRG482406	-6	-6	-6
FRG482408-BL	FRG482408	-8	-8	-8
FRG997408-BL*	—	-8	-8	-8
FRG482410-BL	FRG482410	-10	-10	-10
FRG482412-BL	FRG482412	-12	-12	-12
FRG482416-BL	—	-16	-16	-16

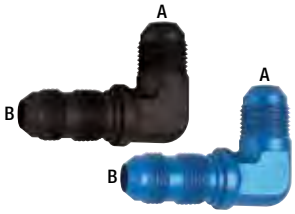
**** Fitting includes a 1/8" FPT port on the side.***

Black	Blue	"A" Dash Size
Aluminum Flare Plug		
FRG480603-BL	FRG480603	-3
FRG480604-BL	FRG480604	-4
FRG480606-BL	FRG480606	-6
FRG480608-BL	FRG480608	-8
FRG480610-BL	FRG480610	-10
FRG480612-BL	FRG480612	-12
Aluminum Port Plug (O-Ring Included)		
FRG481403-BL	—	-3 (3/8"-24)
FRG481404-BL	—	-4 (7/16"-20)
FRG481406-BL	FRG481406	-6 (9/16"-18)
FRG481426-BL*	—	-6 (9/16"-18)
FRG481408-BL	FRG481408	-8 (3/4"-16)
FRG481428-BL*	—	-8 (3/4"-16
FRG481410-BL	FRG481410	-10 (7/8"-14)
FRG481430-BL*	—	-10 (7/8"-14)
FRG481412-BL	—	-12 (1-1/16"-12)
FRG481416-BL	—	-16 (1-5/16"-12)
Aluminum Port Plug (Socket Head)		
FRG481304-BL	—	-3
FRG481310-BL	—	-10
FRG481312-BL	—	-12
Aluminum Tube Nut		
FRG481803-BL	FRG481803	-3
FRG481804-BL	—	-4
FRG481806-BL	FRG481806	-6
FRG481808-BL	FRG481808	-8
FRG481810-BL	FRG481810	-10
FRG481812-BL	—	-12
Aluminum Tube Sleeve		
FRG481903-BL	FRG481903	-3
FRG481904-BL	—	-4
FRG481906-BL	FRG481906	-6
FRG481908-BL	FRG481908	-8
FRG481910-BL	—	-10
FRG481912-BL	—	-12

**** Signifies port plug with 1/8" NPT port. Note: Most tube nuts are also available in 10-packs by adding "-10" to part no.***

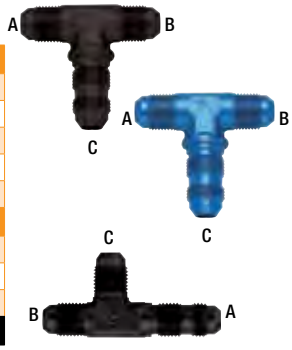
AN Flare Bulkhead Adapters

Black	Blue	"A" Dash Size	"B" Dash Size
Aluminum Straight Bulkhead			
FRG483203-BL	FRG483203	-3	-3
FRG483204-BL	FRG483204	-4	-4
FRG483206-BL	FRG483206	-6	-6
FRG483208-BL	FRG483208	-8	-8
FRG483210-BL	FRG483210	-10	-10
FRG483212-BL	FRG483212	-12	-12
FRG483216-BL	—	-16	-16
FRG483220-BL	—	-20	-20
Aluminum 45° Bulkhead			
FRG483703-BL	—	-3	-3
Aluminum 90° Bulkhead			
FRG483303-BL	FRG483303	-3	-3
FRG483304-BL	FRG483304	-4	-4
FRG483306-BL	FRG483306	-6	-6
FRG483308-BL	FRG483308	-8	-8
FRG483310-BL	FRG483310	-10	-10
FRG483312-BL	—	-12	-12
FRG483316-BL	—	-16	-16



Black	Blue	"A" Dash Size	"B" Dash Size	"C" Dash Size
Aluminum Bulkhead Tee on the Side				
FRG483403-BL	FRG483403	-3	-3	-3
FRG483404-BL	—	-4	-4	-4
FRG483406-BL	—	-6	-6	-6
FRG483408-BL	—	-8	-8	-8
FRG483410-BL	—	-10	-10	-10
Aluminum Bulkhead Tee on the Run				
FRG480403-BL	FRG480403	-3	-3	-3
—	FRG580403*	-3	-3	-3
FRG480404-BL	—	-4	-4	-4

**** Signifies steel fitting.***



Black	Blue	"A" Dash Size
Fuel Cell Bulkhead		
FRG483106-BL	—	-6
FRG483108-BL	—	-8
FRG483110-BL	—	-10
FRG483112-BL	—	-12
Aluminum Bulkhead Nut		
FRG492403-BL	FRG492403	-3
FRG492404-BL	FRG492404	-4
FRG492406-BL	FRG492406	-6
—	FRG592404*	-6
FRG492408-BL	FRG492408	-8
FRG492410-BL	FRG492410	-10
FRG492412-BL	FRG492412	-12
FRG492416-BL	—	-16

**** Signifies steel fitting.***

Nylon Sealing Washers

Sold as 10-pack.

Part No.	Description
FRG999126	9/16" I.D. (-6AN)
FRG999128	3/4" I.D. (-8AN)
FRG999130	7/8" I.D. (-10AN)
FRG999132	1-1/16" I.D. (-12AN)

AN Flare to ORB Adapters

Black	Blue	"A" Dash Size	"B" SAE Size
Aluminum O-Ring Boss			
FRG495127-BL	—	-3	3/8"-24 (-3)
FRG495124-BL	—	-4	3/8"-24 (-3)
FRG495125-BL	—	-4	7/16"-20 (-4)
FRG495110-BL	—	-4	9/16"-18 (-6)
FRG495111-BL	—	-4	3/4"-16 (-8)
FRG495112-BL	—	-4	7/8"-14 (-10)
FRG495100-BL	FRG495100	-6	9/16"-18 (-6)
FRG495101-BL	FRG495101	-6	3/4"-16 (-8)
FRG495113-BL	FRG495113	-6	7/8"-14 (-10)
FRG495114-BL	—	-6	1-1/16"-12 (-12)
FRG495102-BL	FRG495102	-8	9/16"-18 (-6)
FRG495103-BL	FRG495103	-8	3/4"-16 (-8)
FRG495104-BL	FRG495104	-8	7/8"-14 (-10)
FRG495115-BL	—	-8	1-1/16"-12 (-12)
FRG495116-BL	—	-8	1-5/16"-12 (-16)
FRG495105-BL	FRG495105	-10	3/4"-16 (-8)
FRG495106-BL	FRG495106	-10	7/8"-14 (-10)
FRG495107-BL	FRG495107	-10	1-1/16"-12 (-12)
FRG495117-BL	—	-10	1-5/16"-12 (-16)
FRG495122-BL	—	-12	3/4"-16 (-8)
FRG495108-BL	FRG495108	-12	7/8"-14 (-10)
FRG495109-BL	FRG495109	-12	1-1/16"-12 (-12)
FRG495118-BL	—	-12	1-5/16"-12 (-16)
FRG495120-BL	—	-16	1-1/16"-12 (-12)
FRG495119-BL	—	-16	1-5/16"-12 (-16)

ORB to ORB Adapters

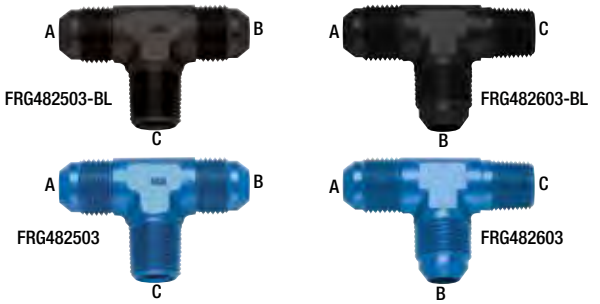
Black	"A" Dash Size	"B" Dash Size
FRG494108-BL	-8	-8
FRG494110-BL	-10	-10
FRG494111-BL	-12	-12
FRG494112-BL	-10	-8

NPT Adapters

Black	Blue	"A" NPT Size	"B" NPT Size
Aluminum NPT Reducer			
FRG491201-BL	—	1/8"	1/4"
FRG491202-BL	FRG491202	1/4"	3/8"
FRG491203-BL	FRG491203	1/8"	3/8"
FRG491204-BL	FRG491204	3/8"	1/2"
FRG491205-BL	FRG491205	1/4"	1/2"
FRG491206-BL	FRG491206	1/8"	1/2"
FRG491207-BL	—	1/2"	3/4"
FRG491208-BL	—	3/8"	3/4"
FRG491209-BL	—	1/4"	3/4"

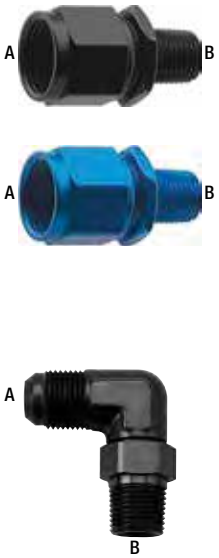
Black	Blue	NPT Size
Aluminum Male NPT Nipple		
FRG491101-BL	FRG491101	1/8"
FRG491102-BL	—	1/4"
FRG491103-BL	FRG491103	3/8"
FRG491104-BL	—	1/2"
Aluminum Female NPT Coupler		
FRG491001-BL	FRG491001	1/8"
Aluminum Internal Allen NPT Plug		
FRG493201-BL	—	1/16"
FRG493202-BL	FRG493202	1/8"
FRG493203-BL	FRG493203	1/4"
FRG493204-BL	FRG493204	3/8"
FRG493205-BL	FRG493205	1/2"
FRG493206-BL	FRG493206	3/4"
FRG493207-BL	—	1"
Aluminum Hex NPT Plug		
FRG493301-BL	—	1/8"
—	FRG493302	1/4"
FRG493303-BL	FRG493303	3/8"
FRG493304-BL	FRG493304	1/2"
FRG493306-BL	—	3/4"
Female to Male 45°		
FRG491501-BL	—	1/8"

AN to NPT Adapters



Black	Blue	"A" Dash Size	"B" Dash Size	"C" NPT Size
Aluminum Tee Pipe on the Side				
FRG482503-BL	FRG482503	-3	-3	1/8"
—	FRG482504	-4	-4	1/8"
—	FRG482506	-6	-6	1/4"
—	FRG482508	-8	-8	3/8"
FRG482510-BL	—	-10	-10	1/2"
Aluminum Tee Pipe on the Run				
FRG482603-BL	FRG482603	-3	-3	1/8"
FRG482604-BL	FRG482604	-4	-4	1/8"
—	FRG482608	-8	-8	3/8"

Black	Blue/Red	"A" Dash Size	"B" NPT Size
Aluminum Female AN Swivel to Male NPT			
—	FRG499303	-3	1/8"
—	FRG499304	-4	1/8"
—	FRG499344	-4	1/4"
—	FRG499362	-6	1/8"
FRG499306-BL	FRG499306	-6	1/4"
—	FRG499366	-6	3/8"
—	FRG499307	-8	1/4"
FRG499308-BL	FRG499308	-8	3/8"
FRG499311-BL	—	-10	3/8"
FRG499310-BL	FRG499310	-10	1/2"
Aluminum 90° Swivel to Male NPT			
FRG499104-BL	—	-4	1/8"
FRG499144-BL	—	-4	1/4"
FRG499162-BL	—	-6	1/8"
FRG499106-BL	—	-6	1/4"
FRG499166-BL	—	-6	3/8"
FRG499168-BL	—	-6	1/2"
FRG499107-BL	—	-8	1/4"
FRG499108-BL	—	-8	3/8"
FRG499111-BL	—	-10	3/8"
FRG499110-BL	—	-10	1/2"
FRG499113-BL	—	-12	1/2"



Oil Pressure Adapters

Part No.	Description
FRG481710-BL	-10AN x 1/2" NPT, 3.25" Long
FRG481712-BL	-12AN x 1/2" NPT, 3.25" Long
FRG481713-BL	-10AN x 1/2" NPT, 4.4" Long
FRG481714-BL	-12AN x 1/2" NPT, 4.4" Long
FRG581690	-4AN x 1/8" NPT, 2.00" Long Steel

Fragola Performance Systems

Aluminum AN to NPT Adapters

Hose Size	NPT Size	Straight Black	Straight Blue	45° Black	45° Blue	90° Black	90° Blue
-3	1/16"	—	FRG481601	—	—	—	—
-3	1/8"	FRG481603-BL	FRG481603	FRG482303-BL	FRG482303	FRG482203-BL	FRG482203
-3	1/4"	FRG481634-BL	FRG481634	—	—	FRG482234-BL	FRG482234
-3	3/8"	—	FRG481636	—	—	—	—
-4	1/16"	FRG481602-BL	FRG481602	—	—	—	—
-4	1/8"	FRG481604-BL	FRG481604	FRG482304-BL	FRG482304	FRG482204-BL	FRG482204
-4	1/4"	FRG481605-BL	FRG481605	FRG482344-BL	FRG482344	FRG482244-BL	FRG482244
-4	3/8"	FRG481644-BL	FRG481644	—	FRG482338	—	FRG482238
-6	1/8"	FRG481662-BL	FRG481662	FRG482362-BL	FRG482362	FRG482262-BL	FRG482262
-6	1/4"	FRG481606-BL	FRG481606	FRG482306-BL	FRG482306	FRG482206-BL	FRG482206
-6	3/8"	FRG481666-BL	FRG481666	FRG482366-BL	FRG482366	FRG482266-BL	FRG482266
-6	1/2"	FRG481668-BL	FRG481668	FRG482368-BL	—	FRG482268-BL	FRG482268
-8	1/4"	FRG481607-BL	FRG481607	FRG482307-BL	FRG482307	FRG482207-BL	FRG482207
-8	3/8"	FRG481608-BL	FRG481608	FRG482308-BL	FRG482308	FRG482208-BL	FRG482208
-8	1/2"	FRG481688-BL	FRG481688	FRG482388-BL	FRG482388	FRG482288-BL	FRG482288
-8	3/4"	FRG481617-BL	FRG481617	—	—	FRG482217-BL	—
-10	3/8"	FRG481611-BL	FRG481611	FRG482311-BL	FRG482311	FRG482211-BL	FRG482211
-10	1/2"	FRG481610-BL	FRG481610	FRG482310-BL	FRG482310	FRG482210-BL	FRG482210
-10	3/4"	FRG481609-BL	FRG481609	—	—	FRG482209-BL	FRG482209
-12	1"	FRG481619-BL	—	—	—	—	—
-12	3/4"	FRG481612-BL	FRG481612	FRG482312-BL	—	FRG482212-BL	—
-12	1/2"	FRG481613-BL	FRG481613	FRG482313-BL	FRG482313	FRG482213-BL	FRG482213
-16	3/4"	FRG481615-BL	FRG481615	—	—	FRG482215-BL	—
-16	1"	FRG481616-BL	—	—	—	FRG482216-BL	FRG482216
-20	1-1/4"	FRG481620-BL	—	—	—	—	—

Steel AN to NPT Adapter

Part No.	AN Size	NPT Size
FRG581603	-3	1/8"
FRG581605	-4	1/4"

Hose Barb to NPT Adapters

Black	Blue	"A" Hose Size	"B" NPT Size
FRG484004-BL	FRG484004	1/4"	1/8"
FRG484006-BL	FRG484006	3/8"	1/4"
FRG484008-BL	FRG484008	1/2"	3/8"
FRG484010-BL	FRG484010	5/8"	1/2"
FRG484012-BL	—	3/4"	3/4"

ORB to NPT Adapters

Part No.	"A" Dash Size	"B" NPT Size
FRG494001-BL	-10	3/8"
FRG494002-BL	-10	1/2"

Automatic Transmission Cooling Line Fittings

Black anodized aluminum fitting adapts 1/4" NPS to -6AN. Sold each.

Part No.	Description
FRG481670-BL	-6AN to 1/4" NPS
FRG481672-BL*	-6AN to 1/4" NPS

**** Extended fitting specifically for rear cooling line fitting on GM 4L80E.***

Weld Bungs with 1.0" Dia. Step

Part No.	Size
FRG499558	-8 Male (3/4"-16)
FRG499560	-10 Male (7/8"-14)
FRG499562	-12 Male (1-1/16"-12)
FRG499566	-16 Male (1-5/16"-12)

Steel Weld Bungs

Part No.	Description
FRG597104	-4 Male
FRG597106	-6 Male
FRG597108	-8 Male
FRG597110	-10 Male
FRG597112	-12 Male

Aluminum Weld Bung AN Adapters

Part No.	Description
FRG497104	-4 Male
FRG497106	-6 Male
FRG497108	-8 Male
FRG497110	-10 Male
FRG497112	-12 Male

Female Weld Bung

Part No.	Description
FRG499506	3/8" FPT, .750" Dia. Step

Billet Aluminum Flare to Flare Y Fittings

Part No.	Description
FRG900604*	-4AN Male, All
FRG900606-BL	-6AN Male, All
FRG900607-BL	-6AN Male Inlet x -4AN Male Outlets
FRG900608-BL	-8AN Male, All
FRG900609-BL	-8AN Male Inlet x -6AN Male Outlets
FRG900611-BL	-10AN Male Inlet x -8AN Male Outlets
FRG900612-BL	-12AN Male Inlet x -12AN Male Outlets
FRG900617-BL	-16AN Male Inlet x -12AN Male Outlets

**** Signifies blue anodized fitting.***

Billet Fuel Filter

FRG960001-BL

Billet 6061-T6 aluminum fuel filter includes -6AN ports and a 40-micron element. Black anodized finished, filter is 3-3/4" long x 1-3/4" O.D. and is sealed with Viton O-rings.

Special Adapters

Black	Blue	Description
FRG491940-BL	—	-6AN x 1/2"-20 Female I.F.
FRG491942-BL	—	-6AN x 5/8"-18 Female I.F.
FRG491948-BL	FRG491948	-8AN x 7/8"-20 Male, Short, Holley
FRG491949-BL	—	-8AN x 5/8"-18 Male, 3/8" Tube I.F., GM P/S
FRG491950-BL	FRG491950	-6AN x 5/8"-20 Male, Carter
FRG491951-BL	FRG491951	-6AN x 9/16"-24 Male, Holley/Demon
FRG491952-BL	FRG491952	-6AN x 7/8"-20 Male, Holley 4150
FRG491954-BL	—	-6AN Male x 12mm x 1.25, Solex
FRG491955-BL	FRG491955	-6AN x 1/2"-20 Male, 5/16" Tube I.F.
FRG491956-BL	FRG491956	-6AN x 5/8"-18 Male, 3/8" Tube I.F.
FRG491957-BL	FRG491957	-8AN x 7/8"-20 Male, Holley
FRG491960-BL	FRG491960	-6AN x 1"-20 Male, Rochester Q-Jet
FRG491962-BL	—	-6AN x 14mm x 1.5 Male, Fuel Injection
FRG491963-BL	FRG491963	-6AN x 16mm x 1.5 Male, Fuel Injection
FRG491964-BL	FRG491964	-6AN x 18mm x 1.5 Male, Fuel Injection
FRG491965-BL	FRG491965	-8AN x 1"-20 Male, Rochester Q-Jet
FRG491966-BL	—	-8AN x 9/16"-24 Male, Holley/Demon
FRG491967-BL	FRG491967	-8AN x 5/8"-20 Male, Carter/Edelbrock
FRG491970-BL	—	-6AN x 14mm x 1.5 Female O-Ring Seal
FRG491971-BL	FRG491971	-6AN x 16mm x 1.5 Female, O-Ring Seal
FRG491974-BL	—	-8AN x 7/8"-20 Female Carb Adapter, 3" Long, Holley
FRG491975-BL	FRG491975	-6AN x 7/8"-20 Male, 3" Long
FRG491976-BL	FRG491976	-8AN x 7/8"-20 Male, 3" Long
FRG491978-BL	—	-8AN x 9/16"-24 Male, 3" Long
FRG491980-BL	—	7/8"-20 Inlet Plug, Blank
FRG491989-BL	—	-6AN x LT-1, 3/8" Line, Feed Side, Fuel Injection
FRG491990-BL	—	-6AN x LT-1, 5/16" Return, Fuel Injection
FRG491991-BL	—	-8AN Ford EFI Fuel Tank Outlet
FRG491992-BL	—	-8AN GM LT1 EFI 3/8" Line Feed

Gauge Adapters

Black	Blue	Description
FRG495000-BL	FRG495000	-4AN Male x -4AN Female Inline, 1/8" Female NPT on Side
FRG495001-BL	FRG495001	-6AN Male x -6AN Male Inline, 1/8" Female NPT on Side
FRG495002-BL	FRG495002	-6AN Male x 3/8" Male NPT Inline, 1/8" Female NPT on Side
FRG495003-BL	FRG495003	-8AN Male x -8AN Male, Inline, 1/8" FPT on Side
FRG495004-BL	FRG495004	-8AN Male x 3/8" MPT, Inline, 1/8" FPT on Side
FRG495005-BL	FRG495005	-6AN Male x -6AN Female Inline, 1/8" Female NPT on Side
FRG495006-BL	FRG495006	-8AN Male x -8AN Female, Inline, 1/8" FPT on Side
FRG495014-BL	—	-12AN Male x -12AN Female, Inline, 1/8" FPT on Side
FRG495020-BL	FRG495020	-3AN x 1/8" Female NPT, Straight
FRG495021-BL	—	-4AN x 1/8" Female NPT, Straight
FRG495022-BL	—	-3AN x 1/8" Female NPT, 90°
FRG495023-BL	FRG495023	-4AN x 1/8" Female NPT, 90°

Power Steering Hose Ends

Engineered for use with FPS power steering hose, hose ends are black anodized aluminum (unless specified).

Part No.	Description
FRG250107	Straight Fitting, -6AN
FRG254606	45° Fitting, -6AN
FRG259106	90° Fitting, -6AN

Brake Adapters

Part No.	Description
FRG650103	Steel Banjo Adapter, -3 x 3/8"
FRG650157	9/16"-20 Banjo Bolt, Chrysler Master Cylinder
FRG650115	Steel Banjo Adapter, -3 x 12mm
FRG650123	Steel Banjo Adapter, 1/8" Female NPT x 1/2", Chrysler Master Cyl.
FRG650124	Steel Banjo Adapter, 1/8" Female NPT x 9/16", Chrysler Master Cyl.
FRG650155	Steel Banjo Bolt, 10mm x 1.0
FRG650304	Steel Brake Adapter, -3AN x 7/16"-24
FRG650310	Steel Brake Adapter, -3 x 10mm x 1.0 B.F.
FRG650402	Steel Brake Adapter, -4AN x 3/8"-24 I.F.

PTFE Hose Assemblies

Pre-assembled, -3AN hose assemblies save precious time when plumbing brake systems.

Part No.	Description
FRG310008	-3AN 8" Long
FRG310016	-3AN 16" Long
FRG310048	-3AN 48" Long

Koul Tool

Specialized composite tool eases the assembly of AN fittings to stainless steel braided hose. Koul Tool comes in two sizes, one for -4, -6, and -8AN fittings, and the other for -10, -12, and -16AN fittings.

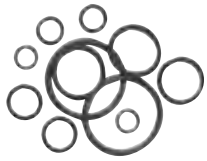
Part No.	Description
FRG900510	Fits -4, -6, -8
FRG900511	Fits -10, -12, -16

37° Flaring Tool *FRG900500*

Economical flaring tool forms an AN specification 37° JIC flare to 3/16" through 5/8" diameter hard line tubing.

Viton O-Rings

Sold in 10-packs.



Size	Part No.
-3AN	FRG999108
-4AN	FRG999109
-8AN	FRG999110

Replacement Olives

Replacement aluminum olives are designed for use with Fragola PTFE hose ends. Sold each.

Size	Part No.
-6AN	FRG999306
-8AN	FRG999308
-10AN	FRG999112

Blank Grommet Seal *FRG999412*

Large 1-1/2" diameter grommet consists of a fire-retardant rubber center bonded to an anodized aluminum ring. Ideal for routing gauge lines through firewall. Blank, pointed grommet may be cut open as desired.

Aluminum Vise Jaws *FRG900061*

Specialized vise jaws aid AN hose end assembly, preventing damage to expensive aluminum fittings. Magnetized vise jaws include angled pockets to secure fittings or hose during the assembly process. Sold per pair.

Hose Pressure Test Kit *FRG900060*

Handy kit allows the quick testing of AN hose assemblies. A compressed air source and water bath to submerge assemblies is all users need to check for leaks. Kit includes individual line testers for -3 through -16. Individual line testers may also be purchased separately.

Part No.	Hose Size
Individual Line Testers	
FRG900663	-3
FRG900664	-4
FRG900666	-6
FRG900668	-8
FRG900670	-10
FRG900672	-12

FRAM®

High-Performance Oil Filters

Filters feature an anti-drainback valve and a relief valve which functions as an internal bypass. When inlet pressure exceeds outlet pressure, the valve opens and oil bypasses the filter. Filters have a maximum pressure of 200 PSI with a 22 PSI safety valve.

Part No.	Dimensions O.D. x Ht.	Thread	Mic. Rat.	Max. Flow Rate	Burst PSI	Gasket
Chevrolet						
FRAHP4	3-5/8" x 5-1/2"	13/16"-16	18	10 GPM	325	Outboard
FRAHP8	3-5/8" x 4"	13/16"-16	18	10 GPM	325	Outboard
Chrysler/Ford						
FRAHP1	3-5/8" x 5-1/2"	3/4"-16	18	10 GPM	500	Inboard
FRAHP3	3-5/8" x 4"	3/4"-16	18	10 GPM	500	Inboard
GM LS3/LS7/LS9						
FRAHP18	3" x 3-3/8"	22mm-1.5	20	18 GPM	500	Outboard
GM LS1/LS6						
FRAHP20	3" x 3-3/8"	13/16"-16	20	18 GPM	500	Outboard
Remote Mount						
FRAHP6A*	4-1/2" x 6-1/8"	1-1/2"-12	12	20 GPM	400	Outboard
**** No anti-drain valve and no safety valve screen.***						

FRAHP3

FRAHP4

FRAHP6A

FUELAB®

DIGITAL FUEL DELIVERY

NEW VENDOR

515 Series Fuel Pressure Regulators

Versatile, billet aluminum bypass-style regulators are compatible with gasoline, diesel, methanol, or ethanol. Offered with several different inlet/outlet configurations, regulators include an 1/8" NPT gauge port, and a 1/8" NPT pressure reference port with barbed fitting. Black anodized finished.

Part No.	Description
EFI Regulator	
FLB51501-1	25-90 PSI, (1) -10AN Inlet, (1) -10AN Outlet, (1) -6AN Return
FLB51502-1	25-90 PSI, (1) -6AN Inlet, (1) -6AN Outlet, (1) -6AN Return
Carbureted Regulator	
FLB51504-1	4-12 PSI, (1) -6AN Inlet, (1) -6AN Outlet, (1) -6AN Return

Fuel Cell Vent Kit *FLB63713*

Includes everything required to allow proper venting of a fuel cell. Includes -10AN Pushlock fitting, 5/8" fuel vapor hose, 5/8" barb connector, vent filter, and hose clamps.

FLB63713

FLB63703

Part No.	Description
Replacement Component	
FLB63703	Yellow Vent Filter

FUELAB® DIGITAL FUEL DELIVERY

NEW VENDOR

525 Series In-Line EFI Fuel Pressure Regulator *FLB52501-1*

Designed specifically for tight clearance in-line EFI applications, regulator adjusts from 25-90 PSI. Manufactured from billet aluminum with a black anodized finish, return-style regulator includes (1) -6AN inlet, (1) -6AN outlet, (1) -6AN return, 1/8" NPT gauge port, and a 1/8" NPT pressure reference port with barbed fitting.

Mini EFI Fuel Pressure Regulators

Lightweight, compact, and versatile, bypass-style EFI regulators ease installation in limited space areas. Manufactured from billet aluminum with a black anodized finish, regulators include an adjustment range of 25-90 PSI. Compatible with gasoline, diesel, methanol, or ethanol, regulators include (1) -6AN inlet port, (1) -6AN outlet port, (1) -6AN return port, 1/8" NPT gauge port, and a 1/8" NPT pressure reference port with barbed fitting.

Part No.	Description
FLB53501-1	EFI Regulator, 25-90 PSI, (1) -6AN Inlet, (1) -6AN Outlet, (1) -6AN Return
FLB54501-1	EFI In-Line Regulator, 25-90 PSI, (1) -6AN Inlet, (1) -6AN Outlet, (1) -6AN Return

High-Flow EFI Fuel Pressure Regulator *FLB56504-1*

High-flow EFI regulator features an extra-large 1.75" sized diaphragm with 1/2" return orifice for unsurpassed flow and allows an adjustment range of 40-80 PSI. Black anodized billet aluminum regulator includes a -10AN inlet, -10AN outlet, -10AN return, 1/8" NPT gauge port, and 1/8" NPT pressure reference port with a barbed fitting. Compatible with gasoline, methanol, diesel, or ethanol.

Mini Fuel Pressure Regulator *FLB57504-1*

Compact in size, yet with a high deliver output, regulator utilizes a large seat for consistent, uninterrupted fuel flow. Compatible with gasoline, diesel, methanol, or ethanol. Constructed from black anodized billet aluminum, regulator adjusts from 25-65 PSI and includes (1) -6AN inlet, (2) -6AN outlets, 1/8" NPT for a gauge port, and 1/8" NPT breather vent.

Ultralight Fuel Pressure Regulators

Similar to the 515/525 series, yet weighing 30% less. Regulators include (1) -8AN inlet, (1) -8AN outlet, (1) -6AN return, 1/8" NPT for a gauge port, and 1/8" pressure reference port with a barbed fitting. Manufactured from billet aluminum with a black anodized finish, regulators are compatible with gasoline, diesel, methanol, or ethanol.

Part No.	Description
FLB59501-1	Ultralight EFI Regulator, Adjusts 25-90 PSI
FLB59502-1	Ultralight Carbureted Regulator, Adjusts 4-12 PSI

Fuel Tank Vent with Rollover Protection *FLB63704*

Required by most major sanctioning bodies, fuel tank vent incorporates a special ball valve to prevent fuel spillage in the event of a roll-over.

Fuel Pressure Gauges

Compact yet easy-to-read 1-1/2" dia. gauges are designed for direct mounting to fuel pressure regulators or fuel rails with gauge ports. Gauges include white dial faces with black pointers.

Part No.	Description
FLB71501	EFI Fuel Pressure Gauge, 0-120 PSI
FLB71502	Carbureted Fuel Pressure Gauge, 0-15 PSI
FLB71511	EFI Fuel Pressure Gauge, Dual Scale, 0-8 BAR / 0-120 PSI

Fuel Filters

Engineered to endure the rigors of motorsports, billet aluminum-housed fuel filters provide both improved flow and filtration. Offered with 3" or 5" long elements, each black anodized filter includes low-profile saddle clamp(s) for eased mounting.

Part No.	Description
3" In-Line Fuel Filters	
FLB81831-1	-6AN Inlet/-6AN Outlet, Micro-Fiberglass 6-Micron Element, All Fuels
FLB81832-1	-8AN Inlet/-8AN Outlet, Micro-Fiberglass 6-Micron Element, All Fuels
3" In-Line Fuel Filters with Integrated Check Valve	
FLB84801-1	-6AN Inlet/-6AN Outlet, Paper (Cellulose) 10-Micron Element, Gas/Diesel Only
FLB84832-1	-8AN Inlet/-8AN Outlet, Micro-Fiberglass 6-Micron Element, All Fuels
5" In-Line Fuel Filters	
FLB82801-1	-6AN Inlet/-6AN Outlet, Paper (Cellulose) 10-Micron Element, Gas/Diesel Only
FLB82802-1	-8AN Inlet/-8AN Outlet, Paper (Cellulose) 10-Micron Element, Gas/Diesel Only
FLB82811-1	-6AN Inlet/-6AN Outlet, Stainless Steel 40-Micron Element, All Fuels
FLB82823-1	-10AN Inlet/-10AN Outlet, Stainless Steel 100-Micron Element, All Fuels
FLB82832-1	-8AN Inlet/-8AN Outlet, Micro-Fiberglass 6-Micron Element, All Fuels
FLB82833-1	-10AN Inlet/-10AN Outlet, Micro-Fiberglass 6-Micron Element, All Fuels
Replacement Elements	
FLB71801	3" Paper (Cellulose) 10-Micron Element, Gas/Diesel Only
FLB71802	3" Stainless Steel 40-Micron Element, All Fuels
FLB71803	3" Stainless Steel 100-Micron Element, All Fuels
FLB71804	3" Micro-Fiberglass 6-Micron Element, All Fuels
FLB71805	5" Paper (Cellulose) 10-Micron Element, Gas/Diesel Only
FLB71808	5" Micro-Fiberglass 6-Micron Element, All Fuels

FUEL SAFE SYSTEMS

Outlaw Sprint Tail Tanks

Tanks for sprint cars, midgets, and mini sprints. Molded inserts facilitate side mounting and a step on the lower section places weight on rear torsion tubes to clear brake rotors and rear end vents. Includes a top pickup and -12AN fittings. Bottom pickup and Ultra-lite Outlaw tanks are available by special order. ***Note: Other tanks and bladders are available. Please call for more information.***

Description	Tail Tank	Complete Assembly
19-Gallon Midget/Micro Tank	FUEMT119	—
28-Gallon Outlaw Tail Tank	PLAFTOS28	PLAOS228C-T

1/2" Check Valve *FUEITVV08S*

Check valve is 1/2" with spring for standard fill. Mounts in fill plate and offers positive shut-off.

Sprint Tail Tank Hardware *FUEITVV06LP-S*

Hardware is designed for use with the new Dominator tail tank assembly. -6AN low profile check valve.

Fill Plate with Flush Cap and Cover Plates

FUECP7X12

Part No.	Description
FUE1GAS98	Fill Plate Gasket
FUECP7X12	Cover Plate with Nuts Inserts, 7" x 12"
FUESF4X6L	Lightweight 4" x 6" Fill Plate

Roll-Over Valve *FUERV38*

Inline roll-over/vent valve fits 3/8" hose.

G-FORCE RACING GEAR®

G-Limit Driving Suit

The G-Limit combines a 100% Nomex outer with an aramid knit liner to deliver both comfort and superior thermal protection. Suit has a distinctive gloss finish, matching box quilting lines, and patch black epaulets for a professional appearance. Meets SFI 3.2A/5 specifications. Offered in one- or two-piece (jacket and pants) versions in black, red, or blue.

Size	Black	Blue	Red
One-Piece Suits			
Small	GFR35451SMLBK	GFR35451SMLBU	GFR35451SMLRD
Medium	GFR35451MEDBK	GFR35451MEDBU	GFR35451MEDRD
Large	GFR35451LRGBK	GFR35451LRGBU	GFR35451LRGRD
X-Large	GFR35451XLGBK	GFR35451XLGBU	GFR35451XLGRD
XX-Large	GFR35451XXLBK	GFR35451XXLBU	GFR35451XXLRD
XXX-Large	GFR35451XXXBK	GFR35451XXXBU	GFR35451XXXRD

GF525 Racing Suits

Multi-layer racing suit's Pyrovatex fabric provides a TPP (Thermal Protective Performance) rating of 21 to meet 3.2A/5 specifications. The attractive, bright semi-gloss finish and straight black epaulets cover an inner layer that wicks moisture and breathes for added comfort. The SFI tag is on the left arm cuff for easy tech inspection. Offered in one- or two-piece (jacket and pants) versions in black only.

Size	Part No.
One-Piece Suits	
Medium	GFR4525MEDBK
Large	GFR4525LRGBK
X-Large	GFR4525XLGBK
XX-Large	GFR4525XXLBK

G-Limit RS Gloves

Double-layer, Nomex knit gloves combine reverse seam palms with premium printed silicon pads for unsurpassed comfort and feel. Offered in black, blue, or red. Meets SFI 3.3A/5 specifications.

Size	Black	Blue	Red
Youth Small	GFR54000CSMBK	GFR54000CSMBU	GFR54000CSMRD
Youth Medium	GFR54000CMDBK	GFR54000CMDBU	GFR54000CMDRD
XX-Small	GFR54000XXSBK	GFR54000XXSBU	GFR54000XXSRD
X-Small	GFR54000XSMBK	GFR54000XSMBU	GFR54000XSMRD
Small	GFR54000SMLBK	GFR54000SMLBU	GFR54000SMLRD
Medium	GFR54000MEDBK	GFR54000MEDBU	GFR54000MEDRD
Large	GFR54000LRGBK	GFR54000LRGBU	GFR54000LRGRD
X-Large	GFR54000XLGBK	GFR54000XLGBU	GFR54000XLGRD
XX-Large	GFR54000XXLBK	GFR54000XXLBU	GFR54000XXLRD

G5 Racing Gloves

Lightweight, flexible gloves are sewn from quality Nomex and leather. Gloves include reinforced leather palms and knuckle pads, adjustable Velcro wrist closures, and meet SFI 3.3/5 specifications. Available in black only.

Size	Black
Child Medium	GFR4101CMDBK
XX-Small	GFR4101XXSBK
X-Small	GFR4101XSMBK
XX-Large	GFR4101LRGBK
X-Large	GFR4101XXLBK

G-FORCE RACING GEAR

G-Force Helmets

A complete line of revolutionary, lightweight helmets that incorporate mounting points for the Hans® Device and, unless otherwise noted, meet Snell SA2015 and SFI 31.1A open-face or 31.2A full-face specs. See the size chart on the following page for proper helmet selection.

Rift

Entry-level helmet is lightweight, affordable, and has an exceptional field of vision. Offering superior driver comfort, Rift includes a Kevlar chin strap, polycarbonate shield, and M6 head-and-neck restraint anchors. Meets Snell SA2020 standards. Offered in black, matte black, white, or Rift Pop in flaked metallic red.

Size	Black	Matte Black	White	Metallic Red
X-Small	GFR13010XSMBK	—	—	—
Small	GFR13010SMLBK	GFR13010SMLMB	GFR13010SMLWH	—
Medium	GFR13010MEDBK	GFR13010MEDMB	GFR13010MEDWH	GFR13010MEDRD
Large	GFR13010LRGBK	GFR13010LRGMB	GFR13010LRGWH	GFR13010LRGRD
X-Large	GFR13010XLGBK	GFR13010XLGMB	GFR13010XLGWH	GFR13010XLGRD
XX-Large	GFR13010XXLBK	GFR13010XXLMB	GFR13010XXLWH	GFR13010XXLRD

Rift Air

Similar to the traditional Rift with the addition of a removable top air design that allows for three levels of air flow. Offering an exceptional range of vision, lightweight and affordable helmet includes a Kevlar chin strap, polycarbonate shield, and M6 head-and-neck restraint anchors. Meets Snell SA2020 standards. Offered in white only.

Size	Part No.
Large	GFR13016LRGWH
X-Large	GFR13016XLGWH

Rift Carbon

Based on the entry level Rift but with a super-lightweight Carbon composite construction shell. Rift Carbon features a unique, eye-catching hex-pattern carbon design. Helmet includes a Kevlar chin strap, polycarbonate shield and M6 head-and-neck restraint anchors. Meets Snell SA 2020 standards. Offered in natural carbon fiber finish only.

Size	Part No.
Small	GFR13014SMLBK
Medium	GFR13014MEDBK
Large	GFR13014LRGBK
X-Large	GFR13014XLGBK
XX-Large	GFR13014XXLBK

Helmet Shields

Clear	Dark Smoke	Mirror Light Smoke	Amber	Blue Mirror	Light Smoke
Rift R17					
GFR8701	GFR8702	GFR8703	GFR8704	GFR8705	GFR8706

Nova Full-Face

GFR16004LRGMB

Similar in design to the top-of-the-line SuperNova but with a cost-effective composite shell. Large eyeport offers an exceptional field of vision. Meeting Snell SA2020 standards, helmet includes a Kevlar chin strap, polycarbonate shield, and M6 threaded head-and-neck restraint anchors. Offered in matte black and large only.

Nova Fusion

Ultra-lightweight, carbon fiber-composite construction helmet features the largest eyeport currently offered. Helmet includes a multi-density EPS liner, replaceable and adjustable liner pads, and shell that utilizes a distinctive camo fiber woven pattern. Offered in titanium black or ruby red, helmet meets SFI SA2020 standards.

Size	Black	Red
X-Small	GFR16005XSMBK	GFR16005XSMRD
Small	GFR16005SMLBK	GFR16005SMLRD
Medium	GFR16005MEDBK	GFR16005MEDRD
Large	GFR16005LRGBK	GFR16005LRGRD
X-Large	GFR16005XLGBK	GFR16005XLGRD
XX-Large	GFR16005XXLBK	GFR16005XXLRD

SuperNova

GFR16006LRGBK

The SuperNova combines a 100% carbon fiber shell with aerodynamic styling, a dual ventilation system, and one the largest eyeports currently available. Comfort Blend Plus liner utilizes removable and replaceable adjustable pads for a true, custom fit. Includes M6 threaded head-and-neck restraint anchors. Meets Snell SA2020 and FIA8859 specifications. Offered in large and natural carbon fiber finish only.

Helmet Size Conversion Chart

Measurement	Size	Metric
20-1/2"	6-1/2 (XX-Small)	52
20-7/8"	6-5/8 (X-Small)	53
21-1/4"	6-3/4 (X-Small)	54
21-5/8"	6-7/8 (Small)	55
22"	7 (Small)	56
22-3/8"	7-1/8 (Medium)	57
22-3/4"	7-1/4 (Medium)	58
23-1/8"	7-3/8 (Large)	59
23-1/2"	7-1/2 (Large)	60
23-7/8"	7-5/8 (X-Large)	61
24-1/4"	7-3/4 (X-Large)	62
24-3/4"	7-7/8 (XX-Large)	63
25-1/8"	8 (XX-Large)	64

G-FORCE RACING GEAR

Revo

Full-face helmet utilizes a strategically-reinforced composite shell that incorporates a modern, flame-resistant liner. Innovative Siphon 12 Ventilation Network delivers superior driver comfort while removable cheek pads provide a true, custom fit. Offered in black, matte black, or white, helmet meets Snell SA2020 specifications.

Size	Black	Matte Black	White
Small	—	GFR13004SMLMB	GFR13004SMLWH
Medium	GFR13004MEDBK	GFR13004MEDMB	GFR13004MEDWH
Large	GFR13004LRGBK	GFR13004LRGMB	GFR13004LRGWH
X-Large	GFR13004XLGBK	GFR13004XLGMB	GFR13004XLGWH
XX-Large	—	GFR13004XXLMB	—

Revo Flash

Identical to the traditional Revo but offered in the latest metallic flake finishes that deliver a superior shine. Helmet utilizes a strategically-reinforced composite shell that includes a flame-resistant liner and removable cheek pads that provide a true, custom fit. Meets Snell SA2020 specifications. Offered in metallic blue, metallic red, or metallic silver.

Size	Metallic Blue	Metallic Red	Metallic Silver
X-Small	GFR13004XSMBU	GFR13004XSMRD	—
Small	GFR13004SMLBU	GFR13004SMLRD	—
Medium	GFR13004MEDBU	GFR13004MEDRD	GFR13004MEDSV
Large	GFR13004LRGBU	GFR13004LRGRD	GFR13004LRGSV
X-Large	GFR13004XLGBU	GFR13004XLGRD	GFR13004XLGSV
XX-Large	GFR13004XXLBU	—	GFR13004XXLSV

Revo Carbon

Utilizing a lightweight carbon composite shell, helmet includes a modern, flame-retardant interior to deliver exceptional comfort and safety. The Siphon 12 Ventilation Network offers superior air flow, while removable cheek pads provide a custom fit. Meets Snell SA2020 specifications. Offered in natural carbon fiber finish only.

Size	Part No.
Medium	GFR13006MEDBK
Large	GFR13006LRGBK
X-Large	GFR13006XLGBK
XX-Large	GFR13006XXLBK

Rookie

Designed exclusively for young racers, the Rookie is the lightest junior helmet currently available, weighing under 2.4 lbs. Includes fit pads that allow for adjustment as the child grows. Sold complete with polycarbonate shield. Meets SFI 24.1 specifications. Offered in black, matte black, or white.

Color	Part No.
Youth	
Black	GFR3419BK
Matte Black	GFR3419MB
White	GFR3419WH

Revo Graphics

Now offered with an attractive graphic pattern in a variety of colors, the Revo utilizes a strategically-reinforced composite shell that incorporates a fire-resistant liner with removable/replaceable cheek pads. Includes M6 threaded head and neck restraint anchors, and a 3mm polycarbonate shield. Meets Snell SA2020 standards. Offered in black/blue, white/red, matte black/teal, or black/fluorescent yellow.

Size	Part No.
Black/Blue	
X-Small	GFR13005XSMBU
Small	GFR13005SMLBU
Medium	GFR13005MEDBU
Large	GFR13005LRGBU
X-Large	GFR13005XLGBU
XX-Large	GFR13005XXLBU
White/Red	
X-Small	GFR13005XSMRD
Small	GFR13005SMLRD
Medium	GFR13005MEDRD
Large	GFR13005LRGRD
X-Large	GFR13005XLGRD
XX-Large	GFR13005XXLRD
Matte Black/Teal	
X-Small	GFR13005XSMTL
Small	GFR13005SMLTL
Medium	GFR13005MEDTL
Large	GFR13005LRGTL
X-Large	GFR13005XLGTL
XX-Large	GFR13005XXLTL
Black/Fluorescent Yellow	
X-Small	GFR13005XSMYL
Small	GFR13005SMLYL
Medium	GFR13005MEDYL
Large	GFR13005LRGYL
X-Large	GFR13005XLGYL
XX-Large	GFR13005XXLYL

G-Limit Driving Shoes

Combining a suede leather outer and fire-retardant cotton liner, G-Limit driving shoes are designed to keep driver's feet cool and comfortable, while the rounded edge, low-profile sole delivers exceptional pedal feel. Printed logo accents ease cleaning and reduce weight. Shoes meet SFI 3.3 standards. Black only.

Size	Part No.
5	GFR44000050BK
6	GFR44000060BK
6-1/2	GFR44000065BK
7	GFR44000070BK
7-1/2	GFR44000075BK
8	GFR44000080BK
8-1/2	GFR44000085BK
9	GFR44000090BK
9-1/2	GFR44000095BK
10	GFR44000100BK
10-1/2	GFR44000105BK
11	GFR44000110BK
11-1/2	GFR44000115BK
12	GFR44000120BK
13	GFR44000130BK
14	GFR44000140BK

G-FORCE RACING GEAR®

G35 Shoes

High-quality shoes include a super-soft suede outer with reinforced heel and toe boxes, supported U-cut ankle, and fire-retardant cotton lining. Durable sole offers exceptional feel and grip. Meets SFI 3.3/5 specifications. Black only.

Size	Part No.
3	GFR40235030BK
4	GFR40235040BK
5	GFR40235050BK
6	GFR40235060BK
6-1/2	GFR40235065BK
7	GFR40235070BK
7-1/2	GFR40235075BK
8	GFR40235080BK
8-1/2	GFR40235085BK
9	GFR40235090BK
9-1/2	GFR40235095BK
10	GFR40235100BK
10-1/2	GFR40235105BK
11	GFR40235110BK
11-1/2	GFR40235115BK
12	GFR40235120BK
13	GFR40235130BK
14	GFR40235140BK

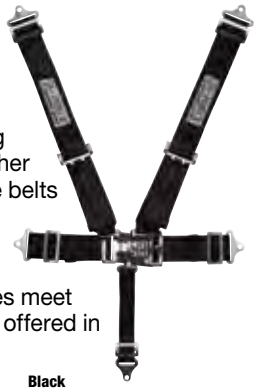
Gear Bag *GFR1005*

Extra-large bag stores all of your racing gear including helmet, suit, shoes, gloves, underwear, and more. Black bag with red accents includes built-in wet storage compartment that is ideal for dirty clothes, while front pockets may be used to store log books, rule books, etc.

Anchor Hardware

Part No.	Description
GFR103H	Floor Anchor, Bolt-In, 2" Belt Slot
GFR103W	Bolt End, 3" Slot, 1/2" Hole
GFR107H	Snap Hook, 2" Wide
GFR107W	Floor Anchor, Snap-In, 3" Belt Slot
GFR109H	1/2" Eye Bolt, 7/16"-20 Thread

Latch-and-Link Harnesses



Harnesses are constructed from low-stretch, PolyTek comfort-coated webbing combined with 3" bolt-end hardware, rather than the traditional 2". Double-adjustable belts adjust at the normal points and at the mounting points to fit virtually any application. Sets include 3" lap and shoulder belts and 1.75" submarine belt. Harnesses meet stringent SFI 16.1 specifications, and are offered in black only.

Description	Black
Individual Shoulder Harness Sets	
5-Pt., Pull-Down	GFR6000BK
5-Pt., Pull-Up	GFR6100BK
6-Pt., Pull-Down	GFR6001BK
Individual Shoulder Harness Sets, Head-and-Neck Restraint-Compatible	
5-Pt., Pull-Down	GFR6600BK
Individual Shoulder Harness Sets - Junior Racer	
5 Pt., Pull-Up	GFR6460BK

Camlock Harnesses

Low-stretch, PolyTek comfort-coated webbing is combined with 3" bolt-in hardware and camlock mechanism with an ultra-lightweight magnesium case. A 1/4 turn will fasten or release the belts. Harnesses meet SFI 16.1 specifications. ***Note: Camlock harnesses may also be used as a wrap-around installation.***

Description	Black
Individual Shoulder Harness Sets	
5-Pt. Pro Series, H-Shoulder, Pull-Down Lap	GFR7030BK
5-Pt. Pull-Down	GFR7000BK
5-Pt. Pull-Up	GFR7100BK
6-Pt., Pull Up, FIA 8853-2016	GFR7621BK
U-Shoulder Harness Set	
5-Pt. Pro Series, Pull-Down Lap	GFR7140BK
Individual Shoulder Harness Sets, Head-and-Neck Restraint-Compatible	
6-Pt., Pull-Down, SFI 16.5	GFR7601BK
6-Pt., Pull-Up, FIA 8853-2016	GFR7622BK
6-Pt., Pull-Down, FIA 8853-2016	GFR7623BK

GRANT®

Performance Series Steel Steering Wheels

Steel 3-spoke wheels feature black centers and thick, textured foam-cushioned grip. Standard mounting pattern.

Part No.	Description
GRT332	14-3/4" Dia., 4" Dish
GRT675	15" Dia., 3-1/8" Dish
GRT677	16" Dia., 3-1/8" Dish

Performance Series Aluminum Steering Wheels

Performance Series wheels are fashioned from 6061-T6 aluminum and covered with thick, textured foam cushion grip for comfort. Available with black anodized finished spokes.

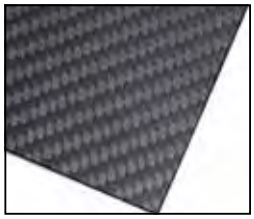
Part No.	Description
Black Center, Flat	
GRT600	13" Dia. Steering Wheel
GRT601	15" Dia. Steering Wheel
GRT602	16-1/2" Dia. Steering Wheel

Quick-Release Hubs for 1984-04 Ford Mustang Mini Stocks

Allowing quick removal and remount of steering wheels, quick-release hubs are constructed from aircraft-quality billet aluminum and meet stringent SFI 42.1 specifications. Precision CNC-machined for maximum reliability, hubs feature a “pinless” design.

Part No.	Description
GRT3005	Accepts Grant 3-Bolt Steering Wheels
GRT3025	Accepts Grant 5-Bolt Steering Wheels

Real Carbon Fiber Sheet



Lightweight but exceptionally rigid, real carbon fiber sheet is ideal when fabricating custom dashes or gauge panels. Dry vacuum pressed for durability. Offered with low-gloss matte or high-gloss finish.

Part No.	Description
24" x 39"	
GRT205	Low-Gloss Matte Finish
GRT215	High-Gloss Finish
19.4" x 48"	
GRT211	High-Gloss Finish

Real Carbon Fiber Tube Protectors

Genuine carbon fiber tube protectors may be installed directly over roll cage tubing, preventing tubing from becoming scratched when entering or exiting the driver's compartment. Offered in several sizes.

Part No.	Description
Fits 1-1/4" to 1-1/2" Dia. Tubing	
GRT220	1-1/2" Dia. x 59" Long
GRT225	1-1/2" Dia. x 48" Long
GRT230	1-1/2" Dia. x 30" Long
Fits 1-5/8" to 2" Dia. Tubing	
GRT235	2" Dia. x 59" Long
GRT240	2" Dia. x 48" Long

NEW VENDOR

Green Filter produces a line of air cleaners and filters for a wide variety of performance and racing applications, all equipped with distinctive washable and reusable green filter elements. Designed to maximize air flow for improved horsepower and fuel mileage, Green Filter's industry-leading products are used by winning race teams around the world.

Sprint Car Air Box *GRE4069*

Black powder-coated steel Sprint Car filter assembly with red reusable filter element. 19-1/4" long x 13-7/8" wide x 5-1/8" tall.

Part No.	Description
Replacement Sprint Car Filter Element	
GRE4039	Red

Engine Breather

Round rubber breather filter.

GRE2062

GRE2027

GRE2081

Part No.	O.D.
Clamp-On	
GRE2062	0.31"
GRE2111	0.39"
GRE2088	0.50"
GRE2079	0.59"
GRE2115	0.59
GRE2110	0.75"
GRE2076	1.00"
GRE2198	1.38"
GRE2126	1.50"
Push-In	
GRE2027	1.25"
Screw-In	
GRE2081	1.25"

Universal Conical Air Filters

Part No.	Bottom	Top	Height	Flange
GRE2387	2-1/4"	2"	2-1/4"	1-3/8"
GRE7069	2"	3"	3"	2"
GRE7259	4-3/8"	3-1/2"	5-3/4"	3"
GRE7124	4-5/8"	3-1/2"	6-1/2"	3-1/2"
GRE2047	5-1/2"	4"	6"	3"
GRE2024	5-1/2"	4"	6-1/2"	3-1/2"
GRE2031	5-1/2"	4"	9"	3-1/2"
GRE2169	5-1/2"	4-3/4"	13-3/4"	4"
GRE2084	5-1/2"	4-3/4"	7-7/8"	3"
GRE2040	5-1/2"	4-3/4"	9"	3"
GRE2037	5-1/2"	4-3/4"	9"	4"
GRE7286	6"	4-3/4"	6"	3-1/2"
GRE7165	6"	4-3/4"	6"	3-3/4"
GRE2313	7-1/2"	4-3/4"	5-1/2"	6"
GRE7129	7-1/2"	4-3/4"	6"	6"
GRE7214	7-1/2"	4-3/4"	6-1/2"	6"
GRE2382	7-1/2"	4-3/4"	8"	6"
GRE2452	7-7/8"	4-3/4"	7-7/8"	4"
GRE7014	7-7/8"	5"	7-3/4"	5"

GRE2387

GRE2037

Filter Maintenance Supplies

Part No.	Description
GRE2001	Filter Oil, 12-oz. Bottle
GRE2028	Filter Oil, 8-oz. Bottle
GRE2140	Cleaner, 1-Gallon Jug
GRE2100	Cleaner, 12-oz. Bottle
GRE2000	Cleaner & Filter Oil Kit with 12-oz. Bottle of Cleaner and 8-oz. Bottle of Filter Oil

GripLockTies™
INNOVATIVE RUBBER LINED ZIP TIES™

Grip Lock Ties

Rubber-lined, protective, and cushioning lock ties prevent wire and cable damage, and are truly reusable. GripLockTies do not move around, cut into wires, or scratch paint. Ties utilize a patented rubber lining that may be locked and unlocked for the perfect fit, and easily cut to length as desired. Offered in blue, orange, or red, in 8" or 12.35" overall lengths. Sold in packs of 15, 40, or 100.

Part No.	Blue	Orange	Red
8" Long			
15-Pack	GLT2908BKBUHB15	GLT2908BKOGHB15	GLT2908BKRDHB15
40-Pack	GLT2908BKBUHB40	GLT2908BKOGHB40	GLT2908BKRDHB40
100-Pack	GLT2908BKBUHB100	GLT2908BKOGHB100	GLT2908BKRDHB100
12.35" Long			
15-Pack	GLT2912BKBUHB15	GLT2912BKOGHB15	GLT2912BKRDHB15
40-Pack	GLT2912BKBUHB40	GLT2912BKOGHB40	GLT2912BKRDHB40
100-Pack	GLT2912BKBUHB100	—	GLT2912BKRDHB100

GRYPMAT™

Non-Slip Tool Mats

Non-magnetic, anti-static 1" tall rubber tool mats are manufactured with a unique chemistry that prevents them from slipping or sliding on virtually any surface, while still allowing for easy removal. Grypmat may be bent, folded, or rolled, and will always return to its original shape. Available in several configurations/sizes in green or orange.

Part No.	Description
Orange Grypmats	
GRYRFGM-CR01S	Large Tool Mat, 12" x 22", (1) Large Area (4) Small Compartments
GRYRFGM-CR02S	Medium Tool Mat, 8" x 12", (1) Large Area for Tools and (2) Small Compartments
GRYRFGM-CR03S	Small Tool Mat, 6" x 12", (6) Individual Compartments
GRYRFGM-TP3	Trio Pack, One Each of All Three Sizes
Green Grypmats	
GRYGMPS	Small Tool Mat, 9" x 4-1/4"
GRYGMP2P	Duo Pack, (1) 9 x 4-1/4" and (1) 9-1/2" x 7-1/2"

H3R PERFORMANCE

MAXOUT™ Fire Extinguishers

Dry chemical fire extinguishers deliver fire protection in an automotive environment. Rechargeable steel cylinders are manufactured in the U.S. and have all-metal valves and a 6-year warranty. Choose red, black, or chrome finishes.

Red	Chrome	Black
1.0 Lb. System, 2B:C Rated		
H3RMX100R	H3RMX100C	—
2.5 Lb. System, 1A:10B:C		
H3RMX250R	H3RMX250C	H3RMX250B

HALGUARD™ Fire Extinguishers

HalGuard extinguishers are filled with "clean" agent gas that not only combats fire, but leaves no residue. Ideal for race car protection, U.S.-made units are offered in 1.4- and 2.5-pound versions. Choose from red, black, or chrome steel cylinders.

Red	Chrome	Black
1.4-lb. System, 1B:C Rated		
H3RHG100R	H3RHG100C	H3RHG100B
2.5-lb. System, 2B:C Rated		
H3RHG250R	H3RHG250C	H3RHG250B

Quick-Release Extreme-Duty Brackets

Extreme-duty, roll bar-mounted brackets listed are constructed from fiberglass-reinforced nylon and meet MIL SPEC 10G, and can handle inertia loads in excess of 27G in all directions.

Part No.	Description
H3RNBR302	Mounts 2.5-lb. Bottle to 1-3/4" Dia. Roll Bar
H3RNBR402	Mounts 5-lb. Bottle to 1-3/4" Dia. Roll Bar

Hans III - 20 Degree

Third-generation head and neck restraint features an all-new design with a hollow collar for reduced weight. Injection molded from a new polymer, the Hans III is the lightest, most comfortable head-and-neck restraint currently available. Meets stringent SFI 38.1 specifications.

Description	Medium	Large
Post Anchor/Sliding Tether	HANDK14237.321SFI	HANDK14247.321SFI
QuickClick/Sliding Tether	HANDK14237.421SFI	HANDK14247.421SFI
Post Anchor/Sliding Tether, No Anchors	HANDK14237.321FIA/SFI	HANDK14247.321FIA/SFI

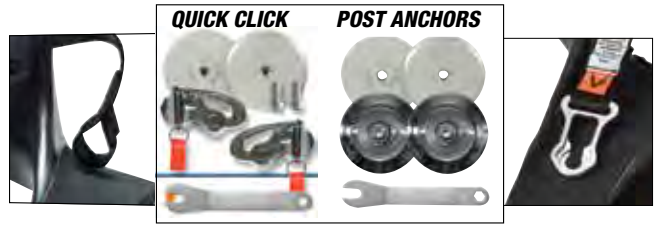
Description	Part No.
Youth Models	
Post Anchor/Sliding Tether	HANDK16217.321SFI
QuickClick/Sliding Tether	HANDK16217.421SFI

Hans III - 30 Degree

The Hans III - 30 Degree has all the great features of the Hans III - 20 Degree and is designed for laydown cars (30° layback). Available in medium and large sizes. Meets SFI 38.1 specifications and is FIA approved.

Description	Medium	Large
30° Lay Back		
Post Anchor Sliding for SAH Helmet	HANDK18337.311SFI	HANDK18347.311SFI
Post Anchor Sliding for SA Helmet	—	HANDK18347.321SFI*
Quick Click Sliding for SAH Helmet	—	HANDK18347.411SFI
Quick Click Sliding for SA Helmet	—	HANDK18347.421SFI*

**** Signifies Hans III units that come with a nutwasher.***



Replacement/Accessory Components

Part No.	Description
HANAK1132.12B	Helmet Post Anchors, Pro Model, Blue Anodized Aluminum
HANAK1142.2	Helmet QuickClick Anchors
HANK9010	Replacement Gel Padding Kit, Black
HANTK1131.3XS	Post Anchor Sliding Tether Kit, Extra-Short
HANTK1141.3	Sport 2 Sliding Tether Kit, Standard 18"
HANTK1231.4	Post Anchor Sliding Tether Kit, Standard 18"
HANTK1241.4	QuickClick Sliding Tether Kit, Standard 18"
HANTK1241.4S	QuickClick Sliding Tether Kit, Short 17"
HANTK1241.4XS	QuickClick Sliding Tether Kit, Extra-Short 16"
HANTU11421.3	Sport 2 QuickClick Sliding Tether Upgrade Kit, Standard 18"
HANTU14421.7	QuickClick Tether with Oval Sliding Hardware

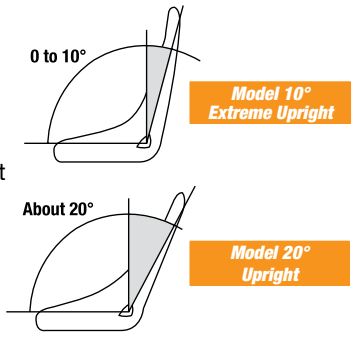
Hans® Sizing

Neck size is the starting point for Hans® sizing. These are merely guidelines, driver comfort is the deciding factor.

Size	Description
16"	Medium
17"	
18"	Large
19"	
20"	

Correct Fitment

The angle of the driver's chest when seated should match the angle of the Hans® Device. When correct, the Hans® rear collar will not interfere with the helmet or seat.



Hard Blok® Water Jacket Filler

Water Jacket Filler

Hard Blok will strengthen an engine block and keep cylinder bores straighter and truer. A specially formulated, cement-based material combined with iron particles, Hard Blok has the same coefficient as cast iron so it will expand and contract at the same rate as the engine block. For circle track applications, fill to bottom of freeze plugs; usually a short fill will do this. Hard Blok cannot be removed after it has hardened.

Part No.	Description
HBL860212	Short Fill Unit (Two 6-1/4-lb. Bags)
HBL860228	Tall Fill Unit (Two 14-lb. Bags)

Racing Piston Rings

Hastings racing piston rings deliver race-winning performance in even the most extreme applications. Each set includes plasma moly, high-tensile cast iron top rings; reverse twist, taper-faced cast iron second rings, and choice of standard or low-tension Flex-Vent stainless steel oil control rings. Choose from standard or file-fit ring sets. Instructions for file fitting included.

File-Fit Piston Ring Sets

Part No.	Bore Size	Top Ring	Second Ring	Oil Ring	Oil Ring Tension
HAS2M5508005	4.000"	5/64"	5/64"	3/16"	Standard
HAS2M5523005	4.000"	1/16"	1/16"	3/16"	Standard
HAS2M5508035	4.030"	5/64"	5/64"	3/16"	Standard
HAS2M5521035	4.030"	1/16"	1/16"	1/8"	Standard
HAS2M5523035	4.030"	1/16"	1/16"	3/16"	Standard
HAS2M5505035	4.030"	1/16"	1/16"	3/16"	Low
HAS2M5538035	4.030"	1/16"	1/16"	3.0mm	Standard
HAS2M5508045	4.040"	5/64"	5/64"	3/16"	Standard
HAS2M5523045	4.040"	1/16"	1/16"	3/16"	Standard
HAS2M5505045	4.040"	1/16"	1/16"	3/16"	Low
HAS2M5508065	4.060"	5/64"	5/64"	3/16"	Standard
HAS2M5521065	4.060"	1/16"	1/16"	1/8"	Standard
HAS2M5523065	4.060"	1/16"	1/16"	3/16"	Standard
HAS2M5505065	4.060"	1/16"	1/16"	3/16"	Low
HAS2M5525035	4.080"	1/16"	1/16"	3/16"	Standard
HAS2M5513005	4.125"	5/64"	5/64"	3/16"	Standard
HAS2M5529005	4.125"	1/16"	1/16"	3/16"	Standard
HAS2M5510005	4.125"	1/16"	1/16"	3/16"	Low
HAS2M5529025	4.145"	1/16"	1/16"	3/16"	Standard
HAS2M5513035	4.155"	5/64"	5/64"	3/16"	Standard
HAS2M5529035	4.155"	1/16"	1/16"	3/16"	Standard
HAS2M5510035	4.155"	1/16"	1/16"	3/16"	Low
HAS2M5529045	4.165"	1/16"	1/16"	3/16"	Standard

Standard Piston Ring Sets

Part No.	Bore Size	Top Ring	Second Ring	Oil Ring	Oil Ring Tension
HAS2M5527030	3.810"	1/16"	1/16"	3/16"	Standard
HAS2M5523	4.000"	1/16"	1/16"	3/16"	Standard
HAS2M5523030	4.030"	1/16"	1/16"	3/16"	Standard
HAS2M5538030	4.030"	1/16"	1/16"	3.0mm	Standard
HAS2M5523040	4.040"	1/16"	1/16"	3/16"	Standard
HAS2M5523060	4.060"	1/16"	1/16"	3/16"	Standard

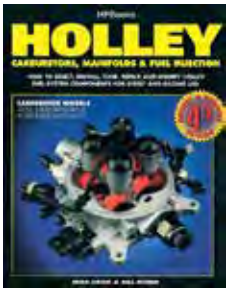
HPBooks

"How To..." Books

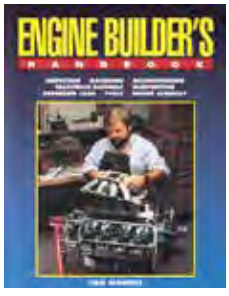
From carburetor tuning to complete engine rebuilds, HP has books for the novice or the seasoned professional. Every book is packed full of photos and illustrations.

HPPHP473

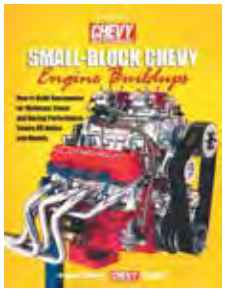
HPPHP709



HPPHP1052



HPPHP1245



HPPHP1400

HPPHP1511

Part No.	Description
HPPHP473	Holley 4150/4160 Carburetor Handbook, 80 pgs.
HPPHP709	Revised Metal Fabricator's Handbook, 176 pgs.
HPPHP1029	How to Rebuild Small Block Chevy Engines, 168 pgs.
HPPHP1052	Holley Carburetors, Manifolds and Fuel Injection, 192 pgs.
HPPHP1055	Chassis Engineering for High Performance Cars, 160 pgs.
HPPHP1245	Engine Builders Handbook, 192 pgs.
HPPHP1400	Small Block Chevy Engine Buildups, 192 pgs.
HPPHP1492	Racing Engine Builder's Handbook, 192 pgs.
HPPHP1511	Dirt Track Chassis and Suspension, 192 pgs.

Hawk brakes provide fade-free, longer lasting performance from start to finish. Ferro-carbon semi-metallic racing pads are burnished with no break-in required, run up to 200°F cooler and provide instant response with no lag. Rotor-friendly pads also have a high coefficient of friction and low wear rate. Consistent, predictable performance lap after lap.

HAWK PADS ARE AVAILABLE IN NINE COMPOUNDS

HP Plus: Good low-temperature performance with much better resistance to brake squeal, dust, and rotor damage compared to full racing compounds. Recommended for dirt street stock and econo-modified applications.

Black: Excellent stopping force with very little fade. Provides good pad wear and is rotor-friendly. Recommended for all dirt applications as well as low-temperature asphalt.

HT-10: A medium-to-high-torque compound with smooth initial bite. Excellent apply-and-release characteristics. Ideal for cars with extremely high deceleration rates and down force.

DTC-05: Smooth, predictable pads provide lower torque in the low to mid-temperature range and are ideal for dirt circle track.

DTC-30: Dirt track pad material. Unique driver controllability of brake torque allowing later and deeper brake use into the corners, while requiring less pedal effort and shorter pedal engagement times. Excellent release characteristics and requires no heat up or extensive bedding (break-in period).

DTC-50: Compound offers superior stopping power, high torque values, and exceptional initial bite over a wide temperature range. Consistent and predictable, compound provides a very desirable pedal feel, quick-release characteristics, and superior modulation.

DTC-60: Less initial bite than DTC-70 with superior release and torque control. Recommended for use with DTC-70 when split between front and rear axle is desired. Ideal for cars with high deceleration rates.

DTC-70: For asphalt applications, extremely high torque with aggressive controllable initial bite. Superior release and torque-control characteristics. Brake pads designed for cars with high deceleration rates with or without down force.

Application	HP Plus	Black	HT-10	DTC-05	DTC-30	DTC-50	DTC-60	DTC-70
Alcon/AP Racing	—	—	—	—	—	—	—	HAWHB109U710
AP Caliper 4-Piston	HAWHB101N800	HAWHB101M800	HAWHB101S800	—	HAWHB101W800	—	—	HAWHB101U800
AP Caliper 6-Piston	—	—	—	—	—	—	—	HAWHB102U800
Brembo	—	—	—	—	HAWHB605W625	—	—	—
Standard GM	HAWHB103N590	HAWHB103M590	HAWHB103S590	—	HAWHB103W590	HAWHB103U590	—	HAWHB103U590
Large GM	—	HAWHB131M595	—	—	—	—	—	HAWHB131U595
Metric GM	HAWHB119N594	HAWHB119M594	HAWHB119S594	—	HAWHB119W594	—	HAWHB119G594	HAWHB119U594
Outlaw 1000	—	HAWHB104M485	—	—	HAWHB104W485	—	—	—
Outlaw 2000	HAWHB100N480	HAWHB100M480	—	—	HAWHB100W480	—	—	HAWHB100U480
Outlaw 3000/4000	HAWHB101N800	HAWHB101M800	HAWHB101S800	HAWHB101H800	HAWHB101W800	—	HAWHB101G800	HAWHB101U800
Sierra Single	—	HAWHB104M485	—	—	HAWHB104W485	—	—	—
Sierra XL	HAWHB101N800	HAWHB101M800	HAWHB101S800	HAWHB101H800	HAWHB101W800	—	—	HAWHB101U800
Wilwood Superlite	HAWHB101N800	HAWHB101M800	HAWHB101S800	HAWHB101H800	HAWHB101W800	—	—	HAWHB101U800
Wilwood Dynalite	HAWHB100N480	HAWHB100M480	HAWHB100S480	—	HAWHB100W480	—	HAWHB100G480	HAWHB100U480
Wilwood DL Bridgebolt	—	HAWHB237M625	—	—	HAWHB237W625	—	—	HAWHB237U625
Wilwood DL Single	—	HAWHB104M485	—	—	HAWHB104W485	—	—	—
Wilwood SL Bridgebolt	—	HAWHB521M800	—	—	HAWHB521W800	HAWHB521V.800	HAWHB521G800	HAWHB521U800
Wilwood Forged Billet Dynapro, Lug/ Narrow Mt.	—	—	—	—	HAWHB542W600	—	HAWHB542G600	—

High-Performance Brake Fluid

HAWHP520

Engineered for high-performance street applications, fluid has a minimum dry boiling point of 500°F and exceeds DOT 4 specifications. Sold in a 500 ml bottle.

Bobby Komisarski

Photo by: JohnnyB Imagery

B2 HELMETS

NEW VENDOR

Vision

The Vision offers a very large eyeport, particularly desirable to drivers that wear glasses. Chin and forehead vents help deliver superior ventilation. Helmet includes provisions for Hans and meets Snell SA2020 specifications. Offered in white, black, or silver.

Size	White	Black	Silver
Small, 57-58	HPT1549A01	HPT1549A11	HPT1549A21
Medium, 58-59	HPT1549A02	HPT1549A12	HPT1549A22
Large, 60-61	HPT1549A03	HPT1549A13	HPT1549A23
X-Large, 61-61+	HPT1549A04	HPT1549A14	HPT1549A24

Apex

The Apex utilizes an aerodynamic shell with a chin spoiler. Chin and forehead vents combine to provide exceptional ventilation. Helmet includes provisions for Hans and meets Snell SA2020 specifications. Offered in white, black, or silver.

Size	White	Black	Silver
Small, 57-58	—	HPT1531A11	—
Medium, 58-59	HPT1531A02	—	HPT1531A22
Large, 60-61	HPT1531A03	HPT1531A13	HPT1531A23
X-Large, 61-61+	HPT1531A04	HPT1531A14	HPT1531A24

Helmet Accessories

HPT2020053

HPT2080002

Part No.	Description
HPT2020053	Pivot Kit and Screws, Silver, V1/V2
HPT2030081	Tear-Off Post Kit, Gray
HPT2080002	Eyeport Foam Kit

Helmet Shields

Manufactured from 3mm polycarbonate.

APEX SHIELDS

VISION SHIELDS

Model	Part No.
Apex	
Light Smoke	HPT2010282
Dark Smoke	HPT2010283
Blue Mirror	HPT2010284
Silver Mirror	HPT2010285
Rainbow Mirror	HPT2010286
Yellow	HPT2010287
Vision	
Clear	HPT2010481
Light Smoke	HPT2010482
Dark Smoke	HPT2010483
Amber	HPT2010484
Blue Mirror	HPT2010485
Silver Mirror	HPT2010486
Gold	HPT2010487

The Original Harland Sharp™ Made in U.S.A.

Replacement Adjusting Nuts for Roller Rocker Arms

Part No.	Description
SHPPL038K	3/8" Adjusting Nut, 4 Per Pack
SHPPL716K	7/16" Adjusting Nut, 4 Per Pack

Aluminum Roller Rocker Arm Sets

Sharp is the original producer of needle-bearing roller-tip aluminum rocker arms. Friction-free design has shown gains of 15-40 horsepower. ***Note: For single rocker arms add "-1" to the end of the part number.***

Part No.	Stud	Ratio
SB Chevy 265-400		
SHPS1001	3/8"	1.5
SHPS1002	3/8"	1.6
SHPS1004*	7/16"	1.5
SHPS1005	7/16"	1.6
SHPS1006	7/16"	1.65

**** Signifies rocker arms that are also available by special order with .050" or .150" offset intakes.***

HEATSHIELD PRODUCTS™ #RACETESTED

NEW VENDOR

Lava Exhaust Wrap Kit
HSP372051

A simple solution for increasing horsepower and reducing under-hood heat. Kit allows wrapping exhaust headers with high-heat exhaust wrap, which helps keep heat inside the headers for improved scavenging and added horsepower.

Lava Tube *HSP280010*

Manufactured from a volcanic rock fiber that is resistant to excessive heat, chemicals, or acids. Heat sleeve is 1-1/2" I.D. x 3', and protects fuel lines, brake lines, clutch cables, etc. that run close to exhaust.

Thermal Ties

Very effective in securing high-temperature insulation, shields or sleeving. Stainless steel ties function just like nylon ties but are significantly more durable when exposed to high heat conditions.

Part No.	Description
HSP351001	5/16" Wide x 8" Long, Set of 8
HSP351007	5/16" Wide x 20" Long, Set of 6

Heat Shield Armorv

Exhaust heat shield insulation material may be installed on down-pipes, up-pipes, exhaust pipes, headers, etc., keeping heat in the exhaust system for increased horsepower, while also lowering under-hood temperatures. Durable, 4-mil thick Heatshield Armor reduces radiant heat up to 70% and may be installed in minutes.

Part No.	Description
HSP170001	1/4" Thick x 6"W x 5"L
HSP170102	1/4" Thick x 12"W x 2'L
HSP170105	1/4" Thick x 12"W x 5'L
HSP172252	1/4" Thick x 2-1/2" I.D. x 2' L
HSP175102	1/2" Thick x 12"W x 2'L
HSP175110	1/2" Thick x 18"W x 4'L
HSP176001*	1/2" Thick x 12" W x 3'L
HSP177201*	1/4" Thick x 12"W x 10"L

**** Kit includes (4) stainless steel ties.***

Fire Shield Sleeve

Fire Shield Sleeve utilizes a rugged silicone cover to protect fuel lines, hoses and wiring from heat and abrasion. Ideal for harsh environments. Offered in black only.

Part No.	Description
HSP210040	3/8" I.D. x 3'
HSP210044	3/4" I.D. x 3'

Thermaflect Sleeve

Lightweight, yet capable of reflecting up to 1,100°F of radiant heat, sleeving provides heat protection to fuel lines, wiring, cables, etc. Offered with sewn seam or hook and loop.

Part No.	Description
HSP270101	1" I.D. x 10', Sewn Seam
HSP274012	1/2" I.D. x 3', Hook-and-Loop Seam
HSP274034	3/4" I.D. x 3', Hook-and-Loop Seam
HSP274112	1-1/2" I.D. x 3', Hook-and-Loop Seam
HSP274200	2" I.D. x 3', Hook-and-Loop Seam

Thermaflect Tape

Effective in shielding wire looms, fuel lines, air intakes, etc. Thermaflect tape reflects up to 90% of radiant heat and is capable of withstanding up to 1,100°F of continuous heat. Adhesive back allows easy application.

Part No.	Description
HSP340020	1-1/2" x 20' Roll
HSP340410	4" x 10' Roll

Fuel and Oil Line Heat Shield Sleeve
HSP204002

Durable, 1/2" I.D. x 2' long sleeve installs over wiring, fuel lines, oil lines, etc., reducing radiant heat by up to 60%. Offers protection from up to 1,100°F of continuous heat.

Armor Shield Tape *HSP179002*

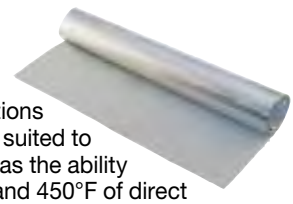
Rugged, heat-reflective tape may be used to protect wiring, cables, hoses, etc. Just .003" thick, Armor Shield has an adhesive backing for easy installation. Sold in 2" wide x 39" long roll.

HP Sticky Shield

Heat shields dramatically reduce heat transfer and are ideal for floorboards to improve driver comfort. Flexible heat shields are constructed using 1/8" thick fiberglass insulation and include a .004" aluminum backing with peel-and-stick adhesive. May be bent to conform to most any shape.

Part No.	Description
HSP180020	1/8" Thick x 12" x 23"
HSP180021	1/8" Thick x 23" x 24"
HSP180025	1/8" Thick x 36" x 47"

HP Heatshield Mat
HSP721202



Specialized mat reflects up to 90% of radiant heat when used in applications with 1" of air space and air flow. Well suited to firewalls, floorboards, etc., product has the ability to withstand 1,100°F of radiant heat and 450°F of direct heat. Mat has a self-adhesive backing, and is .030" thick x 24" long x 24" wide.

HEDMAN HEDDERS

"MADE IN THE USA!"

90° Mandrel Bends

Part No.	Tube Size O.D.	Radius	Leg Length
HED12007	3"	6"	6-1/2" to 8-1/2"
HED12010	1-1/2"	2-1/4"	3-1/2" to 17-1/2"
HED12011	1-5/8"	2-1/2"	3-1/2" to 17"
HED12013	1-7/8"	3"	3-1/2" to 16-1/2"
HED12014	2"	3"	3-1/2" to 16"
HED12015	2-1/8"	3-1/4"	4" to 15-1/2"
HED12016	2-1/4"	3-3/8"	5" to 14-1/2"
HED12017	2-3/8"	3-3/4"	4-1/2" to 11"
HED12018	2-1/2"	4"	9" to 16"

180° Mandrel Bends

Part No.	Tube Size O.D.	Radius	Leg Length
HED12053	1-1/2"	2-1/4"	3-1/2" to 14"
HED12054	1-5/8"	2-1/2"	3-1/2" to 13-1/2"
HED12055	1-3/4"	3"	3-1/2" to 11-1/2"
HED12056	1-7/8"	3"	3-1/2" to 12"
HED12057	2"	3"	3-1/2" to 12"
HED12058	2-1/8"	3-1/4"	4" to 11"
HED12059	2-1/4"	3-3/8"	5" to 10"
HED12060	2-3/8"	3-3/4"	4-1/2" to 8-1/2"
HED12061	2-1/2"	4"	7-1/2" to 11"
HED12063	3"	6"	6-1/2" to 6-1/2"

120° Mandrel Bends

Part No.	Tube Size O.D.	Radius	Leg Length
HED12076	1-7/8"	3"	3-1/2" to 14-1/2"
HED12080	2-3/8"	3-3/4"	4-1/2" to 12-1/2"
HED12081	2-1/2"	4"	6" to 8-1/2"

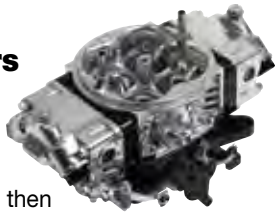
Collector Tab Kit

HED15200

Weld-on tabs retain slip-on collectors, extensions, or turn-outs to headers. Kit consists of 8 tabs, 4 bolts with nuts and washers.

Holley

Track Warrior Carburetors



Designed for lightweight vehicles with manual transmissions and low gearing. These all-new aluminum carburetors include the best features from Holley's classic 4150 HP™ carbs, then add billet metering blocks, billet base plate, and knurled (hand-adjustable) curb idle screws. The all-aluminum construction weighs 40% less than previous models. Black billet metering blocks feature improved durability over cast blocks, fully adjustable emulsion bleeds, power valve channel restrictors, and idle feed restrictors. Contoured aluminum main body incorporates screw-in air bleeds for precision tuning capabilities.

Part No.	Description
HLY0-67199BK	650 CFM, Black Metering Blocks
HLY0-67200BK	750 CFM, Black Metering Blocks

Carbureted Bypass-Style Fuel Pressure Regulator

HLY12-803BP

Adjustable regulator has 3/8" inlet and outlets and promotes quiet, efficient pump operation for systems with a return line to the tank. Adjusts from 4-1/2 to 9 PSI.

Fuel Pressure Regulator

HLY12-704

Die-cast aluminum regulator has a single 1/2" NPT inlet port, two 1/2" NPT outlet ports and a 7/16" restriction. Adjusts from 4-1/2 to 9 PSI.

4150 Ultra XP Carburetors

All-aluminum Ultra XP carburetors offer 30 new upgrades over traditional 4150 HP carburetors, including redesigned fuel bowls with 30% increase in capacity, billet base plates and metering blocks, a race-only throttle lever, choice of progressive or 1:1 linkage, and dual bolt pattern mounting holes. Main bodies have integrated idle bypass valves and the air bleeds have been moved outward for a smoother transition of air flow. Mechanical secondary carburetors are calibrated for gasoline, and are available in shiny, tumble-polished finish with black or red metering blocks and base plates, or anodized hard-core gray with black metering blocks and base plates All require dual-feed fuel lines with 9.75" center distance.

Description	Black	Red	Hard-Core Gray
650 CFM	HLY0-80802BKX	—	HLY0-80802HBX
750 CFM	HLY0-80803BKX	HLY0-80803RDX	HLY0-80803HBX
850 CFM	HLY0-80804BKX	HLY0-80804RDX	HLY0-80804HBX
950 CFM	HLY0-80805BKX	HLY0-80805RDX	HLY0-80805HBX

Fuel Pressure Regulators

Economical die-cast aluminum fuel pressure regulators are available in low (1 to 4 PSI) and high (4-1/2 to 9 PSI) pressure versions. Each has 3/8" NPT ports and a 7/32" restriction.

Part No.	Description
HLY12-803	High-Pressure Regulator, 4-1/2 to 9 PSI
HLY12-804	Low-Pressure Regulator, 1 to 4 PSI
HLY12-807	Diaphragm Repair Kit, for HLY12-803 and HLY12-804

Holley

Electric In-Line Fuel Pumps

Engineered for fuel-injected engines, high-output pumps are mounted in-line, rather than inside the fuel tank, for easy installation. Ideal for serious performance.

Part No.	Description
HLY12-920	80 GPH @ 15 PSI
HLY12-927	43 GPH @ 15 PSI

110 GPH "Blue" Electric Fuel Pump

HLY12-802-1

Pump provides constant fuel flow with no pulsation. Pumps are pre-set at 14 PSI, with a free-flow capacity of 110 GPH and a flow rate of 70 GPH at a steady 9 PSI. Pumps use an externally accessible pressure relief valve and weigh only 3 lbs. Serviceable from either the pump end or the brush end. Regulator HLY12-803 is included.

Part No.	Description
Replacement Parts	
HLY12-806	Check Valve Kit
HLY12-810	Safety Pressure Switch
HLY12-811	Rotor And Vane Kit

97 GPH "Red" Electric Fuel Pump

HLY12-801-1

Pump incorporates an externally accessible pressure relief valve, delivers 4-7 PSI and does not require a separate pressure regulator valve. Tumble-polished, billet-look pump weighs less than 3 lbs. and includes mounting bracket.

Alcohol Jets

Standard-length alcohol jets are used with the 4150 HP carburetor models HLY0-80535 and will work with a stock float.

Jet No.	Hole Size	Jet No.	Hole Size	Jet No.	Hole Size
HLY122-132	.132"	HLY122-150	.150"	HLY122-176	.176"
HLY122-136	.136"	HLY122-154	.154"	HLY122-180	.180"
HLY122-138	.138"	HLY122-156	.156"	HLY122-184	.184"
HLY122-140	.140"	HLY122-160	.160"	HLY122-188	.188"
HLY122-142	.142"	HLY122-164	.164"	HLY122-196	.196"
HLY122-144	.144"	HLY122-168	.168"	HLY122-200	.200"
HLY122-146	.146"	HLY122-172	.172"		
HLY122-148	.148"				

Alcohol Jet Kit

HLY36-201

Kit includes four each of 24 jet sizes from .132" to .200". Jets fit only Holley HP series 650, 750, and 950 CFM alcohol carburetors. Packaged in a plastic carrying case.

Main Jet Removal Tool

HLY26-68

Removes Holley jets without damage.

Fast Kits

The economical way to rebuild any Holley carb. Include fuel bowl gaskets, metering block gaskets, base gasket, throttle body gasket, accelerator pump diaphragms, needle and seats, power valves, bowl screw gaskets, and instructions.

Part No.	Description
HLY37-1543	Model 2300 2BBL
HLY37-1544	Model 4150 Double Pumper
HLY37-1546	Model 4150 HP Double Pumper

Renew Kits

Kits include complete carburetor gasket and seal set and instructions.

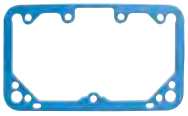
Part No.	Fits These Carburetor Models				
4150 Models including					
HLY37-485	0-4295	0-4296	0-4493	0-4559	0-4776-1
	0-4776-2	0-4776-3	0-4776-4	0-4777	0-4777-1
	0-4777-2	0-4777-3	0-4777-4	0-4778	0-4778-1
	0-4778-2	0-4778-3	0-4778-4	0-4779	0-4779-1
	0-4779-2	0-4779-3	0-4779-4	0-4779-5	0-4780
	0-4780-1	0-4780-2	0-4780-3	0-4780-4	0-4781
	0-4781-1	0-4781-2	0-4781-3	0-4781-4	0-4788
	0-4788-1	0-4830	0-6109	0-8156	0-8162
	0-8804	0-9379	0-9380	0-9381	0-80776
	0-80777	0-80778	0-80779	0-80780	0-80781
4150HP Models including					
HLY37-1539	0-7320-1	0-8082-1	0-8896	0-9375-1	0-9377-1
	0-9645	0-9646	0-80186-1	0-80496-1	0-80498-1
	0-80513-1	0-80514-1	0-80528-1	0-80529-1	0-80532-1
	0-80533-1	0-80535-1	0-80541-1	0-80542-1	0-80556-1

Trick Kit

Kit includes the same gaskets and seal set as the renew kits, with extra performance tuning parts.

Part No.	Fits These Carburetor Models				
4150HP					
HLY37-933	0-4295	0-4296	0-4493	0-4559	0-4776-1
	0-4776-2	0-4776-3	0-4776-4	0-4777	0-4777-1
	0-4777-2	0-4777-3	0-4777-4	0-4778	0-4778-1
	0-4778-2	0-4778-3	0-4778-4	0-4779	0-4779-1
	0-4779-2	0-4779-3	0-4779-4	0-4779-5	0-4780
	0-4780-1	0-4780-2	0-4780-3	0-4780-4	0-4781
	0-4781-1	0-4781-2	0-4781-3	0-4781-4	0-4788
	0-4788-1	0-4830	0-6109	0-8156	0-8162
	0-8804	0-9379	0-9380	0-9381	0-80776
	0-80777	0-80778	0-80779	0-80780	0-80781
	0-7320-1	0-8082-1	0-8896	0-9375-1	0-9377-1
	0-9645	0-9646	0-80186-1	0-80496-1	0-80498-1
	0-80513-1	0-80514-1	0-80528-1	0-80529-1	0-80532-1
	0-80533-1	0-80535-1	0-80541-1	0-80542-1	0-80556-1

Fuel Bowl and Metering Block Gaskets



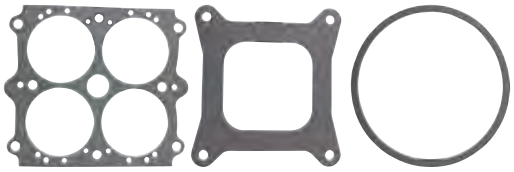
Gaskets to keep on hand for jet changes in the pits. Two per pack.

Part No.	Description
Gasket Assortment Kit	
HLY108-200	Includes (2) HLY108-83-2 Fuel Bowl Gaskets and (2) HLY108-89-2 Metering Block Gaskets
Fuel Bowl Gaskets	
HLY108-83-2	Blue Non-Stick for 2300, 4150/4160 and 4500 2-Circuit Carbs
HLY108-92-2	Blue Non-Stick for 4165, Some 4150/4160 Primary Side and 2300
HLY108-120	Blue Non-Stick for 4150/4160
Metering Block Gaskets	
HLY108-89-2*	Blue Non-Stick, Most 4150's, Some 4160's, Early 4165's, Most 2300's and All 4500's without Intermediate System
HLY108-121*	Blue Non-Stick, Most 4150's, Some 4160's, Early 4165's, Most 2300's, and All 4500's without Intermediate Idle System, Secondary Metering Block Gasket on Double Pumpers.

**** Not used with accelerator pump transfer tube.***

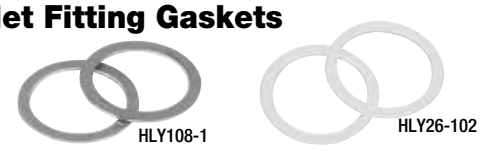
Air Cleaner, Throttle Body and Base Gaskets

Replacement air cleaner (air horn), throttle body, and base gaskets are sold individually unless specified.



Part No.	Description
HLY108-4	Air Cleaner Gasket, 5" Dia., .060" Thick, 3-Pack
HLY108-62	Air Cleaner Gasket, 5" Dia., .200" Thick
HLY108-5	Throttle Body Gasket, 4150/4160, 1-11/16" x 1-11/16" Bore Size
HLY108-7	Throttle Body Gasket, 4150/4160, 1-3/4" x 1-3/4" Bore Size
HLY108-12	Base Gasket, 4010, 4150/4160, 5/16" Thick with Studs Included
HLY108-10	Base Gasket, 4150/4160, 1/16" Thick

Fuel Inlet Fitting Gaskets



Part No.	Description
HLY108-1	9/16", Fuel Bowl Inlet Fitting Gasket
HLY108-8	7/8", Fuel Bowl Inlet Fitting Gasket
HLY26-102	7/8" Nylon, Fuel Bowl Inlet Fitting Gasket

Bowl Screw Gaskets

Part No.	Description
HLY108-2-20	Standard Replacement Paper Gaskets, Set of 20
HLY108-98-10	Reusable Nylon Gaskets, Set of 10

Fuel Bowl Sight Plug *HLY26-13*

Sold in sets of two, with gaskets.

E85 Checker *HLY26-147*

Essential pocket-sized tool can be used to quickly determine the ratio of ethanol-to-gasoline, critical when optimizing engine efficiency and achieving maximum horsepower. To check the fuel, simply add water to the first line of the checker and proceed to pour the E85 fuel sample to the second line. Once the water is absorbed into the sample, the checker will indicate the amount of ethanol in the fuel.

High-Output 130 GPH Fuel Pumps

Pumps flow 130 GPH (free-flow) with pressure pre-set at 7-1/2 to 9 PSI. Six high-flow valves allow ample flow through 3/8" NPT inlet and outlet ports. Body casting can be rotated for best fuel line routing. Fuel pressure regulator (HLY12-704) is required.

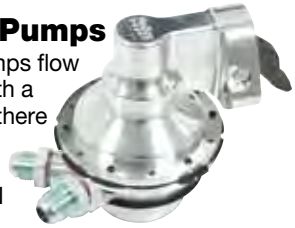
Part No.	Description
HLY12-327-13	Chevy 283-400
HLY12-289-13	Ford 289-351W

170 GPH Fuel Pumps

Volumax Race Series pumps provide up to 170 GPH with shut-off pressure pre-set at 8 PSI. Made with quality heavy-duty components and redesigned high-flow valves. May be rotated for various plumbing situations. Features -8AN inlet and outlet ports. Fuel pressure regulator (HLY12-704) is required.

Part No.	Description
HLY12-327-20	Chevy 283-400
HLY12-289-20	Ford 289-351W

HP Billet 170 GPH Fuel Pumps



HP billet aluminum mechanical pumps flow exceptionally well and look great. With a free-flow rate of 170 GPH @ 7.5 PSI, there is no need for a regulator. Base may be rotated in relation to top for best inlet/outlet placement. Includes -8AN inlet and outlet fittings.

Part No.	Description
HLY12-327-25	Chevy 283-400
HLY12-289-25	Ford 289-351W

Idle Mixture Screw and Gasket

Part No.	Description
HLY26-101	Idle Mixture Screw
HLY26-110-10	Idle Mixture Screw Gaskets, Cork, Pkg. Of 10

Transfer Tube O-Rings and Seals

Part No.	Description
HLY26-37	Transfer Tube O-Ring, Old Style, Pair
HLY108-97	Transfer Tube Seal, New Style, Pair

5-Point Latch-and-Link Harness Assembly with Ratchet Adjust

HRH51010

Unique five-point latch-and-link harness system features a compact ratchet adjuster at the end of the lap belt that provides the driver with an easy method of further tightening the harness after the belts have been snugged up. Tension springs and release pull tabs are used on adjusters for security and ease of use. Harnesses may be used as wrap-around or bolt-in and are sold complete with mounting hardware. Ratchet-adjust end of lap belt is bolt-in only. Harnesses with upside-down ratchet adjuster are designed for applications where the driver's side lap belt mount is located further away from the seat, such as dirt late model applications. Offered in black only. ***Note: All HANS-compatible shoulder harnesses are 2" wide; all others are 3" wide.***

Part No.	Description
HRH51000	Ratchet Adjust
HRH51010	Ratchet Adjust with Aluminum Adjusters
HRH51100	Ratchet Adjust, HANS
HRH51110	Ratchet Adjust with Aluminum Adjusters, HANS
HRH52000	Upside-Down Ratchet Adjust (Ratchet Toward Rear)
HRH52100	Upside-Down Ratchet Adjust (Ratchet Toward Rear), HANS
HRH52110	Upside-Down Ratchet Adjust with Aluminum Adjusters, HANS

Compact Ratchet Adjuster

Asphalt Quarter Midget Tires

Hoosier's A35 utilizes a high-traction compound that works well on tracks that lack grip, such as colder, slick, or "green" track surfaces. The A35 will grip quickly with little heat and will be consistent throughout long green flag runs.

Part No.	Tire Size	Tread Pattern	Tread Width	Approx. Dia.	Approx. Circ.	Recom. Rim	Measured Rim	Section Width	Compound
H0015031A35	31.0/4.5-5	bb	4.5"	10.0"	31"	5-6"	5.5"	5.5"	A35
H0015032A35	32.0/4.5-5	bb	4.5"	10.25"	32"	5-6"	5.5"	5.5"	A35
H0015325A35	33.0/5.0-6	bb	4.75"	10.5"	33.5"	6-6.5"	6"	6.25"	A35
H0015650A35	34.5/6.5-6	bb	6.25"	11.0"	34.75"	8-8.5"	8.5"	8.25"	A35

Racing Valve Springs

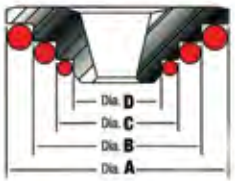
Engineered for racing use, springs are precisely coiled and heat-treated. Sold in sets of 16.

Part No.	Description	O.D.	I.D.	Seat Pressure	Open Pressure	Rate	Coil Bind	7° Retainer	10° Retainer
Performance Valve Springs									
HRC98212	Single with Damper	1.265"	.875"	115@1.780"	340@1.250"	425	1.150"	HRC97112	HRC97132
HRC98213	Single with Damper	1.265"	.878"	120@1.800"	375@1.250"	464	1.100"	HRC97112	HRC97132
HRC98214	Single with Damper	1.250"	.870"	115@1.700"	300@1.250"	411	1.160"	HRC97112	HRC97132
Max Effort Valve Springs									
HRC98215	Single with Damper	1.265"	.878"	120@1.800"	375@1.250"	460	1.100"	HRC97112	HRC97132
Racesaver Valve Springs									
HRC98213RS	Single with Damper	1.265"	.875"	120@1.800"	350@1.200"	430	1.100"	—	—

Valve Spring Retainers

Howard Cams manufactures 7° and 10° chrome moly and 10° titanium retainers, all packaged in sets of 16.

Part No.	Description	Lock Angle	Valve Stem	Valve Spring	Dimensions A	B	C	D
HRC97118	Chrome Moly	7°	11/32"	1.437"-1.450" S/D	1.440"	1.050"	.700"	—
HRC97128	Chrome Moly	10°	All	1.437"-1.450" S/D	1.435"	1.070"	.700"	—
HRC97220	Titanium	10°	All	1.550"-1.550" S/D	1.500"	1.105"	.710"	—



Small Block Chevy Roller Lifters Set

HRC91152

Designed for the entry-level sportsman racer. Built with high-grade materials, but priced with a budget racer in mind, these lifters start with 8620 heat-treated steel bodies. Black oxide-treated for protection, these lifters are fitted with 9310 steel rollers and superior high-strength bearings. They are hand-assembled, checked, and packaged in the USA! Sold in sets of 16.

Pro Lite Direct Lube Mechanical Roller Lifters

Pro Lite lifters are exceptionally lightweight, up to 20 grams lighter than many competitors' lightweight lifters. Lifters are assembled using durable 8620 steel bodies, 9310 steel rollers, precision sorted needle bearings, and stainless steel cross bars. Integrated high-pressure pin oilers offer improved durability. Sold in sets of 16.

Part No.	Description
HRC91132	SB Chevy 265-400, +.300" Tall
HRC91137	SB Chevy 265-400

Racemax Vertical Bar Mechanical Roller Lifters

HRC91134

Durable, vertical bar .842" mechanical roller lifters are engineered for small block Chevy applications and feature a standard, centered configuration. Racemax lifters feature a +.300" taller design, are fit with .750" dia. roller bearings, and weigh just 235 grams. Set of 16.

Billet Aluminum Roller Rocker Arms

CNC-machined aluminum roller rockers will withstand over 800+ pounds of valve spring pressure and over .800" valve lift. Rocker arms are purple anodized, with needle-bearing fulcrums and roller tips, centerless ground trunnions, and thick-walled adjusting nuts. Sets of 16.

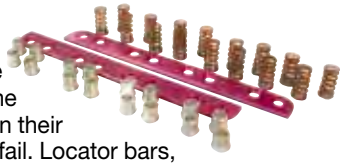
Part No.	Application	Stud	Ratio
HRC90070	SB Chevy 265-400	3/8"	1.50
HRC90072	SB Chevy 265-400	7/16"	1.50
HRC90073	SB Chevy 265-400	7/16"	1.60

Valve Locks

Howards Cams offers a variety of heat-treated, machined, and forged steel valve locks, in 7° or 10° versions. All valve locks listed are single-groove design. Sold in sets of 16 pairs.

Part No.	Type	Stem Size	Lock Angle	Lash Cap Recess	Installed Height
HRC93005	Forged	11/32"	7°	No	Standard
HRC93010	Forged	11/32"	7°	No	+.050"
HRC93040	Heat Treated	11/32"	7°	No	Standard
HRC93075	Machined	11/32"	10°	Yes	Standard
HRC93080	Machined	3/8"	10°	Yes	Standard

Rev Kits *HRC90135*



Engineered for roller cam engines, Howards rev kits increase valve train stability throughout the RPM range and keep the lifters in their bores if valve train components fail. Locator bars, springs, and lifter buttons are included. Fits small block Chevy with cutaway-style lifters and 5/16" pushrods only.

Description
SB Chevy 265-400, Cutaway-Style Lifter Applications, 5/16" Pushrods Only

Ultimate-Duty Valve Seals

Premium PC valve seals are manufactured from space-age fluoropolymer and are tolerant to pump gas, alcohol, or nitromethane. Self-lubricating seals provide controlled radial tension, while allowing a very small amount of oil for valve guide and stem lubrication. Sold in sets of 16.

Part No.	Description	Guide I.D.	Valve I.D.	O.D.	Overall Height	Guide Contact
HRC93311	11/32" x .500" Guide	.494"	.337"	.630"	.460"	.120"
HRC93311	11/32" x .531" Guide	.524"	.337"	.630"	.460"	.120"

Track Smart 4340 Forged Steel Crankshafts

Computer designed, "Track Smart" 4340 forged crankshafts are constructed using precisely placed counterweights for improved balance and reduced bearing loads. All rod journals are drilled and counterweights profiled for piston clearance. All journals include a large .125" radii and require chamfered bearings. Crankshafts are additionally hardened with a deep nitride for increased wear resistance.

Part No.	Main	Stroke	Rod Length
SB Chevy			
Internal Balance, 2-Pc. Rear Main			
HRCH354006012T	350	4.000"	6.000"
HRCH403756012T	400	3.750"	6.000"

Top Wings *(Flat, Dished)*

Hepfner Racing Products is a leader in the design and manufacturing of sprint car wings. Each CNC-punched and formed wing is identical and all internal components are formed and lightened. Made from .020" 6061 aluminum with 4130 plated steel internal posts.

TRUCK FREIGHT ONLY

Part No.	Description
HRPSTW0500B-FS	Top Wing, Flat Dimpled, Super Side Board
HRPSTW0500B-FS-KIT	Top Wing, Dished Dimpled, Tubed **UPS GROUND**

Flat Top Wing - Racer Series NEW!

Right-hand Super board flat top wing with recessed rivets. .018" thick 6061-T6 aluminum. Includes HRPHRP811-HD wing posts.

TRUCK FREIGHT ONLY

Part No.	Description
HRPSTW0500B-FS	Partially Assembled (Side Boards Off)
HRPSTW0500B-FS-KIT	Kit, Unassembled

Shark Nose Wings *HRPSNW0802S*

"Super" nose wing is tall and angled with a 2" dish for increased downforce. Exclusive recessed rivet design means greater strength, improved aerodynamics, quicker mud removal, and easier vinyl application. Each CNC-punched and formed wing is identical.

TRUCK FREIGHT ONLY

1" Dished Super Nose Wings *HRPVFT0801-S*

"Super" nose wing is tall and angled with a 1" dish for increased downforce. Exclusive recessed rivet design means greater strength, improved aerodynamics, quicker mud removal, and easier vinyl application. Each CNC-punched and formed wing is identical.

TRUCK FREIGHT ONLY

2" Dished Nose Wing NEW!

6061-T6 bare aluminum construction with recessed rivets.

TRUCK FREIGHT ONLY

Part No.	Description
HRPSNW0802S	Super Angled Boards
HRPSNW0802T	Tall Square Side Boards

Nose Wing Wicker Bill NEW!

.040" thick 6061-T6 aluminum.

Part No.	Description
HRPSNW1014-100	1" Tall
HRPSNW1014-200	2" Tall

Top Wing Wicker Bill NEW!

.050" thick 5052 aluminum. 59-7/8" wide.

Part No.	Description
HRPSTW5025-100	1" Tall
HRPSTW5025-200	2" Tall
HRPSTW5025-300	3" Tall

Wicker Bill Racks *HRPHRP6790-WHT*

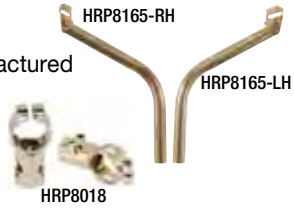
HRP WoO Top Wing Post *HRPHRP8811-A75-HD*

Working closely with The Sprint Car Safety Council, Hepfner Racing Products (HRP) has developed a superior Sprint Car top wing post, using a heat-treating process during manufacturing, which has been approved for use by The Sprint Car Council and most National sanctioned series and tracks. These revised posts have a clear recognizable proprietary "approved" decal along with a stamped "H". These revised posts will be the only HRP manufactured top wing post sold.

15" Tall Rear Wing Trees *HRP8080-15*

Tubular 4130 telescoping steel rear wing trees support the rear of the top wing and reduce wind resistance on Eagle or Maxim chassis with HRP top wings.

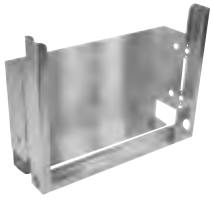
Nose Wing Mounts



Rigid nose wing mounts are manufactured from stainless steel.

Part No.	Description
HRP8165-LH	LH Side Nose Wing Mount
HRP8165-RH	RH Side Nose Wing Mount
HRPHRP8018	Wing Mount Clamps

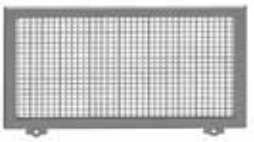
Radiator Air Box



Aluminum air box has lightening holes, fully radiused edges, and pre-formed quick fastener flanges. Fits 20" wide radiators in Maxim or Eagle chassis.

Part No.	Description
HRP8300	Air Box Channel
HRP8301	Air Box Front Panel

Radiator Rock Screen
HRP8067



Rock screen, made of .050" thick aluminum with billet frame and fitted with a stainless steel mesh, protects radiator from rocks and debris.

MSD Box Mounts

.050" thick aluminum mount is drilled to accept an MSD ignition control and has quick-fastener flanges.

Part No.	Description
HRP8360	Box Mount
HRPHRP8120	Comb Dash Mount

Two-Gauge Mount
HRP8361

Aluminum gauge mount accepts 2-5/8" dia. gauges, has a shut-off switch hole, and quick-fastener flanges.

Tel-Tac Dash Mount Brackets *HRP8362*

Mount a Tel-Tac at the proper angle. Aluminum brackets install using quick-fasteners.

Front Bumper with Upper Tube
HRP8076-B

Constructed from durable stainless steel, bumper includes upper tube for improved front end protection.

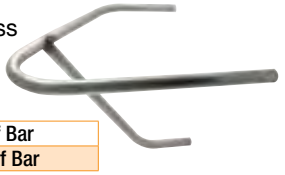
Stainless Steel Front Bumper
HRP8076

Tubular front bumpers, in lightweight aluminum or stainless steel, are 19" wide and 7" deep.

Rear Bumper *HRP8077*

Stainless steel, 1" dia. bumper fits Maxim, Eagle, and Stealth chassis.

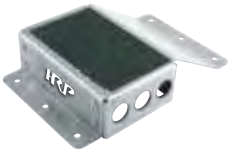
Nerf Bars



"Shorty" nerf bars are 1" dia. stainless steel and fit Maxim, Triple X, and Eagle chassis.

Part No.	Description
HRP8078	Left Hand Nerf Bar
HRP8079	Right Hand Nerf Bar

Heel Riser *HRP8063*



Tapered aluminum heel riser is 1-1/2" tall and mounts under the accelerator pedal for improved leverage and comfort.

Driveline Rack

Designed to securely store extra sprint car driveline assemblies in your trailer or garage, this rack is made specifically to hold the complete assembly, including torque tube, ball housing, and driveshaft upright and out of the way. A rubber-lined U-channel secures the driveshaft and torque tube assembly while the textured bottom pad holds everything in place. Finished in black or white powder coat. Sold individually.

Part No.	Color
HRPHRP6330-BLK	Black
HRPHRP6330-WHT	White

Nerf and Bumper Rack
HRPHRP6135-WHT

The white powder-coated storage rack with rubber-coated "U" channels is a great way to keep bumpers and nerf bars organized and out of the way, whether in the shop or race trailer.

King Pin Reamer *HRP6107*

Constructed from durable stainless steel.

Torsion Bar Tray
HRPHRP6384-WHT

Lightweight aluminum tray may be placed on the front or rear bumpers, and eases between-race maintenance by providing a convenient area to place torsion bars, tools, etc.

Sprint Car Torsion Bar Rack

Two-piece, wall-mounted, single row rack holds torsion twelve bars. Rubber grommets add protection while torsion bars are stored in the rack. Available in black or white

Part No.	Color
HRPHRP6350-BLK	Black NEW!
HRPHRP6350-WHT	White

Torsion Bar Rack
HRPHRP6348-WHT

This two-piece wall-mounted torsion bar rack securely holds up to 24 sprint car torsion bars. Rubber grommets protect the torsion bars and keep them in place. White powder-coated finish. Measures 22-3/4"L x 4-3/4"D. Sold individually.

Trailer Accessories

HRPHRP6198-A-BLK

HRPHRP6775-WHT

Part No.	Description
HRPHRP6135-WHT	Nerf and Bumper Rack
HRPHRP6198-A-WHT	Wheel Cover Holder
HRPHRP6198-A-BLK	Wheel Cover Holder NEW!
HRPHRP6298	Grease Gun Holder
HRPHRP6340A-WHT	Radiator Rack
HRPHRP6348-WHT	Torsion Bar Rack for Trailer
HRPHRP6550-WHT	Top Wing Wall Tray
HRPHRP6550-BLK	Top Wing Wall Tray NEW!
HRPHRP6551-WHT	Top Wing Roof Mount
HRPHRP6553-WHT	Vertical Nose Wing Mount
HRPHRP6775-WHT	Axle Rack, One Front Axle, One Rear End
HRPHRP6776-WHT	Axle Rack, Two Front Axles, One Rear End
HRPHRP6776-BLK	Axle Rack, Two Front Axles, One Rear End
HRPHRP6780-3-WHT	Steering Gear Wall Mount, Gen. 2
HRP6783-WHT	Fuel Cell Wall Mount
HRPHRP6780-3-BLK	Gen2 Mount, Black
HRPHRP6780-3-WHT	Gen2 Mount, White

Wheel Balancer
HRPHRP6014-1

Wall-mount or free-standing with precision rollers and powder coated frame and arms. The components are all anodized for durability.

Sprint Car Squaring Block Set
HRPHRP6011

This set allows for quick adjustment when squaring a Sprint Car. These EZ Square Tools have adjustable blocks and quickly and securely mount to your car to cradle the axle, allowing for straightforward adjustments.

Wrap-Around Header Guards

Part No.	Description
Stainless Steel	
HRP8336-LH	Left Hand
HRP8336-RH	Right Hand

Single-Row Gear Case Shelf
HRPHRP6518-WHT

Single gear shelf is manufactured for quick-change gear cases. Will hold up to 10 cases, keeping them organized, clean, and easy to locate when needed. White powder-coat finish.

Wall Mount Spacer Tray
HRPHRP6181-WHT

23" long aluminum tray mounts on trailer wall to keep axle spacers in a convenient location.

Sprint Car Wheel Wrench *HRP6355*

Designed to offer maximum leverage for loosening or tightening wheels.

Wheel Wrench Rack

Holds the majority of the wheel wrenches used in Sprint Car, Midget, and Mini Sprint racing. Wall mount. Black powder-coated steel.

Part No.	Description
HRPHRP6356-WHT	White
HRPHRP6356-BLK	Black NEW!

Wall Mounted Fuel Funnel Rack
HRPHRP6260-WHT

White powder-coated aluminum, triangular style funnel rack. Keeps fuel funnels clean and free from debris. Funnel not included.

Fuel Funnel Wall Racks

Aluminum racks are used to conveniently store a “D”-shaped fuel funnel.

Part No.	Description
Original Square-Style Rack	
HRPHRP6261	Natural Finish
Triangle-Style Racks	
HRPHRP6260-WHT	White Finish
HRPHRP6261-BLK	Black Finish NEW!
Hook-Style Racks	
HRPHRP6262-BLK	Black Finish
HRPHRP6262-WHT	White Finish

Tire Gauge Holder

Stores tire gauge in a convenient spot.

Part No.	Description
Small Tire Gauge Holder	
HRPHRP6380-WHT	White Powder Coat
Large Tire Gauge Holder	
HRP6383	Aluminum, Natural
HRPHRP6383-WHT	White Powder Coat, NEW!

Header Rack

HRPHRP6700A-WHT

Steel rack hugs the trailer wall and holds spare exhaust headers tightly. Choose from racks that secure headers angled inward or flat. Offered with black or white powder-coated finish.

Part No.	Description
SB Chevy Spread Port Headers	
HRPHRP6700A-BLK	Angled, Black Finish
HRPHRP6700A-WHT	Angled, White Finish
HRPHRP6700F-BLK	Flat, Black Finish
SB Chevy Standard Port Headers	
HRPHRP6701F-BLK	Flat, Black Finish

5 Spot Tie-Wrap Holders
HRPHRP6085-WHT

Fuel Jug Racks

Floor mount racks keep multiple fuel jugs secured properly. Each jug rack combines aluminum end plates and dividers with stainless steel bars for durability and a professional appearance. Offered with black or white powder-coated finish.

HRPHRP6361-WHT

Part No.	Description
HRPHRP6359-6-BLK	Secures (6) Square Bottom or Round Fuel Jugs, Black Finish
HRPHRP6361-WHT	Secures (4) Square Bottom or Round Fuel Jugs, White Finish

Two Level Jug Rack
HRPHRP6359-6-WHT NEW!

Space-saving jug rack. Hold 6 standard size jugs (9-1/2" x 9-3/4" square bottom or round style utility jugs). White powder-coated 11-gauge steel.

Note: 4-place jug holder pictured.

Grease Gun Holder
HRPHRP6298

White powder-coated aluminum wall mount unit stores grease gun conveniently out of the way.

Roll Towel Rack

Keep paper shop towels handy. Manufactured from .090" thick, white powder-coated aluminum, holder includes 1" dia. cross tube and easy clip pin.

Part No.	Color
HRPHRP6430-WHT	White
HRPHRP6430-BLK	Black

Nose Wing Tray
HRPHRP6009-BLK

Wall-Mount Work Station

Large, 23" x 23" wall cabinet includes plenty of storage for chemicals, tools, parts, etc., and also includes a built-in towel dispenser. Fold-down locking door adds table space. Offered with black or white powder-coated finish.

Part No.	Color
HRPHRP6410-BLK	Black
HRPHRP6410-WHT	White

Ratchet Strap Holder
HRPHRP6007-WHT

Keep ratchet straps organized with this 8" long strap holder. Holds two tie-downs.

Nitrogen Bottle Holder
HRP6060

Two-piece holder keeps bottle secure.

Cordless Drill Holder

For the shop or trailer, the HRP cordless drill holder is a fantastic item to have. Keep track of your cordless drill so it's always where you need it. Holds most styles of cordless drills. Easy-to-clean durable white powder-coated finish.

Part No.	Description
HRP6395	White Powder-Coat
HRPHRP6395-BLK	Black Powder-Coat

Shock Absorber Wall Mounts

Store spare shock absorbers neatly, allowing quick access. Choose from several sizes in black or white powder-coated aluminum. Includes easy clip pins.

Part No.	Description
15" Long, Double-Row Shock Rack	
HRPHRP6522D-15-BLK	Holds 12 Shocks, Black
HRPHRP6522D-15-WHT	Holds 12 Shocks, White
20" Long, Double-Row Shock Rack	
HRPHRP6522D-20-BLK	Holds 16 Shocks, Black
HRPHRP6522D-20-WHT	Holds 16 Shocks, White

Electrical Cord Rack
HRPHRP6275-WHT

Lightweight aluminum, white powder-coated rack mounts to trailer or shop wall and secures multiple electrical cords, keeping them handy. Rack includes a cubby hole for storage of small tools, etc.

Air Hose Rack

Keep air hoses effectively stored up and out of the way. Aluminum rack mounts to trailer or shop wall, and includes a cubby hole for storage of small tools, etc. Offered with black or white powder-coated finish.

Part No.	Description
HRPHRP6281-BLK	Black Finish
HRPHRP6281-WHT	White Finish

Universal Air Hose Retractable Reel Mount

HRPHRP6293 **NEW!**

Wall mount. White powder-coated 11-gauge steel.

Push Broom Holders

Keeps broom handy. White powder-coated finish.

Part No.	Description
Large	
HRPHRP6392-BLK	Black **NEW!**
HRPHRP6392-WHT	White
Small	
HRPHRP6393-WHT	White

Quick Change Gear Storage Shelf

HRPHRP6518-WHT

Compact, white powder-coated aluminum shelf effectively stores up to 10 quick-change gear cases.

Duct Tape Holder

Aluminum holder may be mounted to trailer or shop wall to keep duct securely at hand for when quick repairs are needed. Offered with black or white powder-coated finish.

Part No.	Description
HRPHRP6390-BLK	Black Finish
HRPHRP6390-WHT	White Finish

Shovel Holder

HRPHRP6391-WHT

Ideal for dirt track racers, holder mounts to trailer wall, securing shovel up and out of the way. White finish.

Hero Card Tray

HRPHRP6145B-8X10 **NEW!**

Aluminum constructed. Holds 8" x 10" hero cards. Mounts to trailer wall as well as rear bumper hook or rear spoiler hook.

Wall-Mount Cordless Tool and Battery Station

HRPHRP6126-BLK **NEW!**

Wall-mount cordless tool and battery station. Holds two cordless power tools or other similar handheld tools. Semi-gloss black powder-coated aluminum.

Electrical Cord Retractable Reel Bracket *HRPHRP6290* NEW!

White powder-coated 11-gauge steel. Does not include cord or reel.

Fatty Big Foot Stand

HRPSTR-2500-500-BLK **NEW!**

Identical dimensions as the original Fatty stand only tougher. The Big Foot offers 8" casters and 10" rear tires with 1-1/4" diameter tubing. Ideal for heavier karts like TaG, Shifters, and Junior level carts. Includes a foldable aluminum tool tray.

Adjustable Radiator Mount

AVAILABLE IN BLACK!

HRPHRP6340A-BLK **NEW!**

Full adjustable wall mounting radiator rack. Holds a radiator that's as tall as 29" with a core thickness of 2-1/4" to 3-1/2". Designed to protect a radiator when stored in transporter or trailer. Black powder-coated aluminum construction. Made in the USA.

Chevy Sprint Car Engine Cart

HRPHRP6002-600 **NEW!**

This well-built bolt together steel engine cart with heavy-duty casters allow for easy movement and secure storage of any Chevy V8 powerplant. Made in the USA.

Aluminum Wheel Spacer Tray Wall Mount

HRPHRP6181-BLK **NEW!**

23" wide tray keeps wheel spacers organized and conveniently located on the wall of any trailer or shop. Black powder-coat finish.

Sprint Car Axle Rack

HRPHRP6774-WHT **NEW!**

Wall-mounted aluminum rack design to hold Sprint Car rear axle housing. White powder-coated finish.

Quick-Change Gear Panel *HRPHRP6515-18* NEW!

Wall-mounted white powder-coated steel panel designed to hold up to eighteen sets of quick-change gears. 33-1/4" wide x 15" tall.

Fuel Cell Mount *HRPHRP6783-BLK* NEW!

This adjustable fuel cell mount is designed to hold a spare fuel cell on the wall at the shop or in the trailer, and holds popular tail-style Sprint Car tanks including ATL. Will also work with Midget and Mini Sprint tanks.

Sprint Car Radiator Channel *HRPHRP8300-2* NEW!

2-3/8" wide aluminum radiator channel for Maxim and Eagle chassis.

HYLOMAR®

Hylomar M Blue

The original Hylomar. Non-setting gasket and jointing compound is used by OEM's from around the world. Resistant to lubricants and fuels, product features a wide operating temperature range of -58 to 482°F.

Part No.	Description
HYL61306	8.45-oz. Brush-Top Can
HYL61311	6.76-oz. Aerosol Can
HYL61314	1.35-oz. Tube

Hylomar Cleaner *HYL61701*

Product removes Hylomar gasket and jointing compound, reducing precious clean-up and rebuild time. Sold in 13.53-oz. aerosol can.

Hylosil

RTV silicone sealants may be used to seal engines, transmissions, and differentials. Product may be used to replace traditional gaskets and remains permanently flexible. Resistant to automotive fluids except fuels. Sold in 3.0-oz. tubes.

Part No.	Description
HYL61405	Gray Silicone RTV Sealant
HYL61411	Hi-Temp Silicone RTV Sealant
HYL61413	Black Silicone RTV Sealant

Hylogrip Thread Sealant

Specially formulated to seal and lock threaded joints. HY5172 includes the addition of PTFE, which considerably reduces the tightening of threaded joints. Sold in 1.69-oz. bottles.

Part No.	Description
HYL61803	HY2413 Thread Locker, 1.69-ozs.
HYL61808	HY2170 Thread Locker, 1.69-ozs.
HYL61818	HY5172 Thread Locker with PTFE, 1.69-ozs.

Max Frank Photo by: JohnnyB Imagery

Max Frank Photo by: JohnnyB Imagery

Hyperco Coil Springs are recognized by top competitors worldwide as one of the best available. Hyperco starts with the highest quality wire. Inspections are performed before, during, and after manufacturing to meet stringent quality standards. All Hypercoils are dark blue powder coated (except black rear pigtail springs) and etched with the rate.

2-1/2" I.D. Coil-Over Springs

Rate	4" Tall	6" Tall	7" Tall	8" Tall	10" Tall	12" Tall
Blue Powder Coated						
95	—	—	—	—	—	HYP1812B095
100	—	—	HYP187B0100	HYP188B0100	—	—
110	—	—	—	—	HYP1810B0110	HYP1812B0110
125	—	—	HYP187B0125	HYP188B0125	HYP1810B0125	HYP1812B0125
150	—	—	HYP187B0150	HYP188B0150	HYP1810B0150	HYP1812B0150
162	—	—	—	—	HYP1810B0162	—
175	—	—	HYP187B0175	HYP188B0175	HYP1810B0175	HYP1812B0175
185	—	—	—	—	—	HYP1812B0185
200	—	—	HYP187B0200	HYP188B0200	HYP1810B0200	HYP1812B0200
225	—	—	HYP187B0225	HYP188B0225	HYP1810B0225	HYP1812B0225
250	—	—	HYP187B0250	HYP188B0250	HYP1810B0250	HYP1812B0250
275	—	—	HYP187B0275	HYP188B0275	HYP1810B0275	HYP1812B0275
300	—	HYP186B0300	HYP187B0300	HYP188B0300	HYP1810B0300	HYP1812B0300
325	—	—	HYP187B0325	HYP188B0325	HYP1810B0325	HYP1812B0325
350	HYP184B0350	HYP186B0350	HYP187B0350	HYP188B0350	HYP1810B0350	HYP1812B0350
375	—	—	HYP187B0375	HYP188B0375	HYP1810B0375	HYP1812B0375
400	HYP184B0400	HYP186B0400	HYP187B0400	HYP188B0400	HYP1810B0400	HYP1812B0400
425	—	—	—	HYP188B0425	HYP1810B0425	HYP1812B0425
450	HYP184B0450	HYP186B0450	HYP187B0450	HYP188B0450	HYP1810B0450	HYP1812B0450
475	—	—	—	HYP188B0475	HYP1810B0475	HYP1812B0475
500	HYP184B0500	HYP186B0500	HYP187B0500	HYP188B0500	HYP1810B0500	HYP1812B0500
525	—	—	—	HYP188B0525	HYP1810B0525	—
550	—	HYP186B0550	—	HYP188B0550	HYP1810B0550	HYP1812B0550
600	HYP184B0600	HYP186B0600	HYP187B0600	HYP188B0600	HYP1810B0600	HYP1812B0600
650	—	HYP186B0650	—	HYP188B0650	HYP1810B0650	HYP1812B0650
700	HYP184B0700	HYP186B0700	HYP187B0700	HYP188B0700	HYP1810B0700	HYP1812B0700
750	—	HYP186B0750	—	HYP188B0750	—	—
800	—	—	—	HYP188B0800	HYP1810B0800	HYP1812B0800
850	—	—	—	HYP188B0850	—	HYP1812B0850
900	—	—	—	HYP188B0900	—	—
1000	—	—	—	HYP188B1000	—	—
1200	—	HYP186B1200	—	—	—	—

Bump Springs

Designed to be used in conjunction with a primary spring, bump springs allow the car to have a relatively soft initial spring rate and achieve the optimum ride height, while increasing the rate to achieve a constant, "dynamic ride height".

Part No.	Free Length	O.D.	I.D.	Design Load
HYP24BS0800	2.400"	1.928"	1.338"	887
HYP24BS1000	2.400"	1.950"	1.338"	1073
HYP24BS1200	2.400"	1.940"	1.300"	1265
HYP24BS1400	2.400"	1.962"	1.300"	1464
HYP24BS1600	2.400"	1.940"	1.260"	1565

Quarter Midget
1-5/8" I.D. x 4-1/4" Tall Springs

Developed to meet the specific requirements of Quarter Midget racing, OBD (Optimum Body Diameter) springs are manufactured from high-tensile material and optimized by adjusting the spring body diameter relative to the end coils.

Rate	Part No.
80	HYP184.25Q080
87	HYP184.25Q087
94	HYP184.25Q094
100	HYP184.25Q100
108	HYP184.25Q108
116	HYP184.25Q116
124	HYP184.25Q124
132	HYP184.25Q132
140	HYP184.25Q140
150	HYP184.25Q150

2-1/2" I.D. Ultra High Travel Coil-Over Springs

Rapidly growing in popularity with chassis builders and suspension tuning specialists, UHT (Ultra High Travel) coil-over springs combine the benefits of extreme travel, rate linearity, and consistency in free length/installed height. Spring design offers a larger "body bulge" when compared to standard OBD (Optimum Body Diameter) designs, allowing increased deflection and resistance to bowing. Ideal for light-rate/high-travel or soft-spring/big-bar coil-over applications. Blue powder coated springs are offered in 12" and 14" heights.

Rate	12" Tall	14" Tall
110	HYP12B0110UHT	—
125	HYP12B0125UHT	HYP14B0125UHT
140	—	HYP14B0140UHT
150	HYP12B0150UHT	HYP14B0150UHT
165	—	HYP14B0165UHT
175	HYP12B0175UHT	HYP14B0175UHT
185	—	HYP14B0185UHT
200	HYP12B0200UHT	HYP14B0200UHT
225	HYP12B0225UHT	HYP14B0225UHT
250	HYP12B0250UHT	HYP14B0250UHT
275	HYP12B0275UHT	—
300	HYP12B0300UHT	—
325	HYP12B0325UHT	—

2-1/2" I.D. Dual Rate UHT Coil-Over Springs

Dual-rate Ultra High Travel 2-1/2" I.D. coil-over springs utilize a light rate section that includes closely wound coils, while the higher rate features wider spaced coils. Wide coil spacing allows tuning the secondary rate using spring rubbers.

Part No.	Free Length	Initial Rate	Secondary Rate
HYP12B0175/350UHT	12"	175	350
HYP12B0200/425UHT	12"	200	425
HYP14B0175/350UHT	14"	175	350
HYP14B0200/425UHT	14"	200	425
HYP16B0138/375UHT	16"	138	375

Take-Up Springs

Springs keep coil-overs properly indexed in platforms. Should be used with stacked spring divider HYP18DS100.

HYPCS100

HYP18DS100

Part No.	Description
HYPCS100	2-1/2" I.D. x 4" Free Length, 25-lb. Rate
HYPCS600	2-1/2" I.D. x 6" Free Length
HYP18DS100	Stacked Spring Divider, Couples 2-1/2" ID.Take-Up Spring

Hydraulic Load-Centering Spring Perch

HYPHHPERCH-2.50

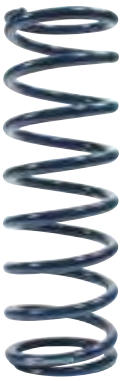
Perch fits on top of a 2-1/2" I.D. coil over to correct the uneven load characteristics of coil-over springs, centering spring forces on the shocks to reduce bending and internal friction.

1-7/8" I.D. Coil-Over Springs

Rate	8" Tall	10" Tall
Blue Powder Coated		
100	—	HYP1810D0100
112	—	HYP1810D0112
125	HYP188D0125	HYP1810D0125
137	—	HYP1810D0137
150	HYP188D0150	HYP1810D0150
162	—	HYP1810D0162
165	HYP188D0165	—
175	HYP188D0175	—
185	—	HYP1810D0185
200	HYP188D0200	HYP1810D0200
225	HYP188D0225	HYP1810D0225
240	HYP188D0240	—
250	HYP188D0250	HYP1810D0250
275	—	HYP1810D0275
300	—	HYP1810D0300
325	—	HYP1810D0325
350	—	HYP1810D0350
375	—	HYP1810D0375
400	—	HYP1810D0400
500	—	HYP1810D0500

2-1/4" I.D. Coil-Over Springs

Rate	5" Tall	6" Tall	7" Tall	8" Tall
Blue Powder Coated				
200	—	—	—	HYP188A0200
225	—	—	—	HYP188A0225
250	—	—	HYP187A0250	HYP188A0250
275	—	—	—	HYP188A0275
300	—	—	—	HYP188A0300
325	—	—	HYP187A0325	HYP188A0325
350	—	—	—	HYP188A0350
375	—	—	—	HYP188A0375
400	—	—	HYP187A0400	HYP188A0400
425	—	—	—	HYP188A0425
450	—	—	HYP187A0450	HYP188A0450
500	HYP185A0500	HYP186A0500	—	HYP188A0500
550	—	HYP186A0550	HYP187A0550	HYP188A0550
600	—	HYP186A0600	—	HYP188A0600
650	—	HYP186A0650	HYP187A0650	HYP188A0650
700		—	HYP187A0700	HYP188A0700
750	—	HYP186A0750	—	HYP188A0750
800	—	HYP186A0800	HYP187A0800	HYP188A0800
900	—	—	—	HYP188A0900
1000	—	—	—	HYP188A1000



2-1/4" I.D. Helper Spring

HYPHELPERSPRG-2.25

Special helper spring installs between the coil-over spring and shock nut to keep the coil-over spring loaded when the chassis is raised, while preventing the spring from becoming mis-adjusted.

Air Draft and Air Draft OS20

Ultra-lightweight helmet incorporates a large eyeport for an exceptional field of vision. An extended wicker bill prevents helmet lifting, while "Intelligent Gray Matter" liner provides added comfort and fire resistance. Air Draft model includes a top air port for the ultimate in comfort, while the OS20 model utilizes a 20° angled air port for additional roof clearance. Helmets meet Snell SA2020 specifications and are offered in silver or flat black.

Size	Silver	Flat Black
Air Draft		
Medium	IMP19320408	—
Large	IMP19320508	IMP19320512
X-Large	IMP19320608	IMP19320612
XX-Large	IMP19320708	IMP19320712
Air Draft OS20		
Medium	—	IMP19920412
Large	—	IMP19920512
X-Large	—	IMP19920612

Charger and Super Charger

An oversized wraparound eyeport provides a wide-angle view. Helmets include Gray Matter liner for maximum comfort and safety. An adjustable chin bar and forehead, crown, and rear vents offer comfort. Super Charger model has a top-mounted fresh air port. Meets Snell SA2020 specifications. Offered in silver, white, black, or flat black.

Size	Silver	White	Black	Flat Black
Charger				
Small	—	—	—	IMP14020312
Medium	—	—	IMP14020410	IMP14020412
Large	—	IMP14020509	IMP14020510	IMP14020512
X-Large	—	IMP14020609	IMP14020610	IMP14020612
Super Charger				
Small	—	—	IMP17020310	—
Medium	IMP17020408	IMP17020409	IMP17020410	IMP17020412
Large	IMP17020508	IMP17020509	IMP17020510	IMP17020512
X-Large	IMP17020608	IMP17020609	IMP17020610	IMP17020612

Champ

The Champ's radical chin bar covers the nose and mouth, acting as a breath deflector. Large eyeport provides exceptional vision, while Gray Matter liner, extended chin foil, adjustable forehead, crown, and rear exhaust vents contribute to comfort. Meets Snell SA2020 specifications. Offered in white, black, or flat black.

Size	White	Black	Flat Black
Small	—	IMP13020310	IMP13020312
Medium	—	IMP13020410	IMP13020412
Large	IMP13020509	IMP13020510	IMP13020512
X-Large	IMP13020609	IMP13020610	IMP13020612

Champ ET

Similar to the original Champ but designed as an affordable, entry-level helmet. Constructed using a rigid, fiberglass shell, helmet utilizes a radical chin bar that covers the nose and mouth, acting as a breath deflector. A large eyeport delivers exceptional peripheral vision. Meets Snell SA2020 specifications. Offered in white or flat black.

Size	White	Flat Black
X-Small	—	IMP13320212
Small	—	IMP13320312
Medium	IMP13320409	IMP13320412
Large	IMP13320509	IMP13320512
X-Large	IMP13320609	IMP13320612

1320 and Air 1320

Affordable, full-face helmet is designed specifically for the entry-level racer. Manufactured in the USA of a lightweight composite, the 1320 includes an extra-wide eyeport for exceptional peripheral vision. Meets Snell SA2020 specifications. Air 1320 has a top-mounted fresh air port. Offered in white or flat black.

Size	White	Flat Black
1320		
X-Small	—	IMP14520212
Small	—	IMP14520312
Medium	IMP14520409	IMP14520412
Large	IMP14520509	IMP14520512
X-Large	IMP14520609	IMP14520612
Air 1320		
Small	—	IMP14820312
Medium	—	IMP14820412
Large	—	IMP14820512
X-Large	—	IMP14820612

Adult Helmet Sizing Chart

Small	Medium	Large	X-Large
Hat Size Equivalent			
6-7/8 to 7	7-1/8 to 7-1/4	7-3/8 to 7-1/2	7-5/8 to 7-3/4
Inch Size Equivalent			
21-5/8 to 22	22-1/2 to 22-3/4	23-1/4 to 23-5/8	24 to 24-1/2
CM Size Equivalent			
55 to 56	57 to 58	59 to 60	61 to 62

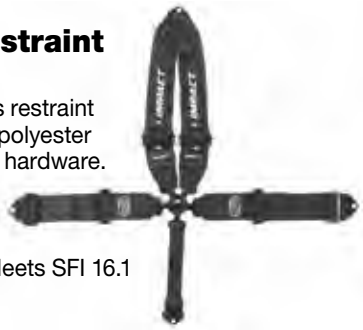
Helmet Accessories

Part No.	Description
IMP10000000	Replacement Helmet Pivot Kit
IMP10000009	Helmet Dryer, Electric Unit Removes Moisture from Helmet
IMP10000012	Breath Deflector, Prevents Shield Fogging
IMP10000016	Helmet Skirt, 2-Layer, SFI 3.3/5
IMP11111121	Thin Cheek Pads, Vapor/Air Vapor/Charger/Super Charger/Champ/Draft
IMP11111131	Thin Cheek Pads, Supersport/Supersport Air/1320/Air Draft
IMP17500012	Top Mount Air Inlet, Phenom SS X-Small to Medium/Large Helmets
IMP81500010	Shield Bag, Black Carrying Case Stores Two Shields

Replacement Helmet Shields

Model	Part No.
Clear	
Vapor/Charger/Draft	IMP12199901
Champ/Nitro	IMP13199901
Air Draft/Super Sport/Spider	IMP19399901
Dark Smoke	
Vapor/Charger/Draft	IMP12199903
Champ/Nitro	IMP13199903
Air Draft/Super Sport/Spider	IMP19399903
Hi-Def. Amber	
Vapor/Charger/Draft	IMP12199904
Champ/Nitro	IMP13199904
Air Draft/Super Sport/Spider	IMP19399904
Iridium Yellow	
Vapor/Charger/Draft	IMP12100905
Champ/Nitro	IMP13100905
Air Draft/Super Sport/Spider	IMP19300905
Iridium Blue	
Vapor/Charger/Draft	IMP12100906
Champ/Nitro	IMP13100906
Air Draft/Super Sport/Spider	IMP19300906
Chrome	
Vapor/Charger/Draft	IMP12100908
Air Draft/Super Sport/Spider	IMP19300908

Racer Series Restraint
IMP57941111



Affordable Racer-series restraint combines high-strength polyester webbing and silver finish hardware. Latch-and-link 5-point restraint includes V-type shoulder belts and pull-down adjustment. Meets SFI 16.1 specifications.

5- and 6-Point Rotary Camlock Systems

Each 5- and 6-point rotary camlock system has individual shoulder harness, lap belts, and single anti-sub belt. Meets SFI 16.1 or 16.5 specifications. Black only.

Part No.	Description
5-Point	
IMP57341111	Pull-Down Adjust Both Laps, Bolt-In/Wrap-Around
IMP57341231	Pull-Down Adjust, Bolt-In/Wrap-Around, HANS Transition Shoulder Belts
IMP57349226	Pull-Down Adjust/Integral Lap Adjuster, Bolt-In/Wrap-Around
IMP58341231	Pull-Up Adjust, Bolt-In/Wrap-Around, HANS Transition Shoulder Belts
6-Point	
IMP57359226	2", Pull-Down Adjust Both Laps, Ind. Shoulder, 16.5 Certified **NEW!**

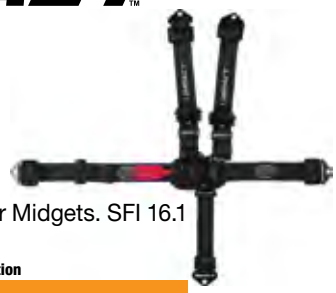
5- and 6-Point Latch-and-Link Systems

Each latch-and-link restraint includes choice of individual shoulder or V-type harness, lap belts and single (5-point) or double (6-point) anti-sub belt. SFI 16.1 certified.

Part No.	Description
Individual Shoulder Harness Sets	
5-Point	
IMP50112002	Bolt-in/Wrap-Around, Left Side Ratchet
IMP51111111	Pull-Down Adjust Both Laps, Bolt-In/Wrap-Around
IMP51111111HANS	Pull-Down Adjust, HANS, Transition Shoulder Belts, Bolt-In/Wrap-Around
IMP51111111HANS-1*	Pull-Down Adjust, HANS, Double Shoulder Belts, Bolt-In/Wrap-Around
IMP51111231	Pull-Down Right Lap/Fixed Left Lap, 3" x 3" into 2" Transition, Bolt-In
IMP51112116	Pull-Down Right Lap/Fixed Left Lap, Bolt-In/Wrap-Around
IMP51115222	Pull-Down Left Lap/Fixed Right, Bolt-In/Wrap Around, 2" x 2"
IMP52111111	Pull-Up Right Lap/Fixed Left Lap, Bolt-In/Wrap Around
IMP52112226	Pull-Up Right Lap/Fixed Left Lap, 2" x 2", Bolt-In
IMP53111111	Pull-Down Adjust, Bolt-in/Wrap-Around
IMP53111231	Pull-Down Adjust, HANS, Transition Shoulder Belts
IMP53119111	3", Pull-Down Adjust, Bolt-In **NEW!**
IMP53119119	3", Pull-Down Adjust, Snap-In **NEW!**
IMP53119222	2", Pull-Down Adjust, Bolt-In **NEW!**
IMP53119229	2", Pull-Down Adjust, Snap-In **NEW!**
IMP53653711	Pull Right/Fixed Left Lap, Bolt-In/Wrap-Around
IMP54111111	Pull-Up Adjust Both Laps, Bolt-In/Wrap-Around
IMP54111231	Pull-Up Adjust, HANS, Transition Shoulder Belts
IMP59111111	Pull-Down Adjust Both Laps, Integrated Adjuster, Bolt-In/Wrap-Around
6-Point	
IMP52122326	Pull-Up Adjust, HANS, Transition Shoulder Belts
V-Type Shoulder Sets	
5-Point	
IMP53811111	Pull-Down Adjust Both Laps, Bolt-In/Wrap-Around
IMP54811111	Pull-Up Adjust Both Laps, Bolt-In/Wrap-Around
IMP59811111	Pull-Down Adjust Both Laps, Integrated Adjuster, Bolt-In/Wrap-Around

**** Harness includes double shoulder belts; 3" belts under HANS, 2" belts over HANS.***

Quarter Midget Restraint Systems



Junior restraint systems are designed for the drivers of Quarter Midgets. SFI 16.1 certified.

Part No.	Description
Individual Shoulder Sets	
5-Point Latch & Link	
IMP52116661	Pull-Up Right/Fixed Left Lap, Bolt-In/Wrap-Around
IMP53116661	Pull-Down Adjust, Bolt-in/Wrap-Around
IMP54116661	Pull-Up Adjust Both Laps, Bolt-In/Wrap-Around
IMP58346661	Pull-Up Adjust Both Laps, Bolt-In/Wrap-Around

Anchor Hardware

Part No.	Description
IMP50000010	3-Bar Adjuster, 2" Belts NEW!
IMP50000011	3-Bar Adjuster, 3" Belts
IMP50000021	Bolt-In Anchor
IMP50000031	Clip-In Anchor
IMP50000041	Eye Bolt Anchor

Mini-Racer NEW!

One-piece, youth driving suit includes the same construction and many of the same features as the Racer 2020 adult suit. Suit features 360° full floating arm and stretch knit back gussets for added flexibility. Built-in arm restraints make the suit ideal for a variety of popular classes. Meets SFI 3.2/A5 specifications. Offered in all black, black with blue trim, black with gray trim, or black with red trim.

Size	Part No.
Black	
Small	IMP21410310
Large	IMP21410510
X-Large	IMP21410610
Black/Blue	
Medium	IMP21410406
Large	IMP21410506
X-Large	IMP21410606
Black/Gray	
Medium	IMP21410413
Large	IMP21410513
X-Large	IMP21410613
Black/Red	
Large	IMP21410507
X-Large	IMP21410607

Paddock Driving Suit

Affordable, multi-layered suit offers exceptional fit and styling, while three layers of FR cotton deliver superior protection. Suit features 360° full-floating arm gussets, ribbed arm cuffs, boot cut ankle cuffs, and inset front pants pockets. Meets SFI 3.2A/5 standards. Black only.

Size	Part No.
One-Piece Driving Suits	
Small	IMP21100310
Medium	IMP21100410
Large	IMP21100510
X-Large	IMP21100610
XX-Large	IMP21100710
XXX-Large	IMP21100810

ADULT AND YOUTH SUIT MEASUREMENTS

Size	Height	Weight	Chest	Waist	Hips	Torso	Neck	Inseam
Adult								
Small	5'5" to 5'7"	140 to 160	37-39	31-33	37-39	63	15	31
Medium	5'7" to 5'9"	160 to 180	41-43	35-37	41-43	65	16	31
Large	5'9" to 5'11"	180 to 200	45-47	39-41	45-47	68	17	32
X-Large	5'11" to 6'1"	200 to 220	49-51	43-45	49-51	71	18	33
XX-Large	6'1" to 6'3"	220 to 250	53-55	47-49	53-55	72	20	33
Youth								
Medium	4'4" to 5'0"	70 to 90	27-29	26-28	26-28	48	12	25
Large	4'11" to 5'3"	85 to 100	31-33	28-30	30-32	53	13	27
X-Large	5'2" to 5'6"	95 to 110	33-35	29-31	31-33	58	14	28

G6 Glove

Soft-knit, fire-retardant Aramid-fiber gloves utilize 3/4-finger seams for improved fit, feel, and steering wheel grip. Form-fitting suede inserts are used to increase grip and durability. Meets SFI 3.2A/5 specifications. Black only.

Size	Part No.
Small	IMP34200310
Medium	IMP34200410
Large	IMP34200510
X-Large	IMP34200610
XX-Large	IMP34200710

Axis Glove

Uses a single-piece palm with suede insert panels to provide a sure grip of the steering wheel. Comfortable gloves use external seam construction to reduce pressure points and abrasion. Meets SFI 3.3/5 Specifications. Offered in black only.

Size	Part No.
Small	IMP35500310
Medium	IMP35500410
Large	IMP35500510
X-Large	IMP35500610

Mini-Axis Glove *IMP38500310*

Includes many of the same features as the original Axis glove, yet sized specifically for junior hands. Suede insert panels provide improved steering wheel grip. Meets SFI 3.3/5 specifications. Youth small and black only.

Alpha Glove

The Alpha Glove uses a parabolic pattern and one-piece palm to eliminate seams and fabric bunching. Exclusive Ultra-Grip treatment and pre-curved patterned fingers combine to deliver a safe, secure grip of the steering wheel. Meets SFI 3.3/5 specifications. Offered in black or white.

Size	Black	White
Small	—	IMP39000309
Large	IMP39000510	IMP39000509
X-Large	IMP39000610	IMP39000609

Axis Shoe

Affordable, comfortable, and versatile, high-top Axis shoe combines the benefits of a high-grip fluted sole, reinforced side panels, fire-retardant liner, and adjustable hook-and-loop ankle strap closure. Meets SFI 3.3/5 specifications. Black only.

Size	Part No.
7	IMP41007010
8	IMP41008010
8-1/2	IMP41008510
9	IMP41009010
9-1/2	IMP41009510
10	IMP41010010
10-1/2	IMP41010510
11	IMP41011010
11-1/2	IMP41011510
12	IMP41012010
12-1/2	IMP41012510
13	IMP41013010

Alpha Shoe

Premier mid-top shoe utilizes a grooved sole for improved pedal feel and control. Shoe combines an easy-to-clean exterior with an ultra-plush aramid interior. Meets SFI 3.3/5 specifications. Black only.

Size	Part No.
9	IMP40009010
10	IMP40010010
11	IMP40011010
11-1/2	IMP40011510
13	IMP40013010

Nomex Balaclavas NEW!

Offered in single- or dual-eye versions, balaclavas provide direct heat and thermal transfer protection to the face and neck, while also preventing smoke and fume inhalation. Meets 3.3 standards. Gray only.

Part No.	Description
IMP74000913	Single-Eye Balaclava
IMP74100913	Dual-Eye Balaclava

Nomex Socks NEW!

ImpactMAX socks deliver valuable added heat protection. Meets SFI 3.3 specifications. Choose from black or white.

Part No.	Part No.
White	
Medium	IMP79000410
Large	IMP79000510
Black	
Medium	IMP79999410
Large	IMP79999510

Nomex Underwear NEW!

ImpactMAX Nomex underwear delivers added heat and thermal protection, while offering a cool, comfortable fit. Meets SFI 3.3 specifications. Black only.

Size	Part No.
Longsleeve Tops	
Small	IMP78700313
Medium	IMP78700413
Large	IMP78700513
X-Large	IMP78700613
XX-Large	IMP78700713
XXX-Large	IMP78700813
Bottoms	
Small	IMP78800313
Medium	IMP78800413
Large	IMP78800513
XX-Large	IMP78800713

Club III Frontal Head Restraint *IMP65000006*

Lightweight and affordable FHR is made from thermoplastic-injected resin reinforced with carbon fiber. Featuring a 20° angle, unit is compatible with Hans spring-post anchors (not included) or spring-post anchors found on FIA-approved helmets. Meets FIA8858-2010 and SFI 38.1 specifications. Large only.

Part No.	Description
Related Component	
IMP10000110	Anchor Posts/Clips, Pair

Helmet Support *IMP74500010*

High-density foam support increases in resistance the more it is compressed. Available in black only, support has an adjustable hook- and-loop closure. Meets SFI specifications.

Arm Restraints *IMP75000910*

SFI-approved arm restraints feature padded arm bands with webbed leashes and adjustments for arm circumference and leash length. Sold per pair. Black only.

Crossroads Roller Bag NEW!

Large roller bag was specifically designed for transporting racing gear. Perfect for the weekend racer, 33"L x 16"H x 15"W bag includes specific compartments for each item including driving suit, helmet, gloves, shoes, and undergarments. Padded fabric handles ease lifting, while the telescoping handle and low-friction rollers ease transport. Choose from black with white trim or black with red trim.

Part No.	Color
IMP62100011	Black/White
IMP62100012	Black/Red

Helmet and Gear Bags

Black nylon bags bear the Impact Racing logo and are available in two sizes. Extra-large gear bag is 27"L x 11"H x 12"W with adjustable shoulder straps.

Part No.	Description
IMP71000915	Helmet Bag
IMP72000010	Gear Bag

ICON FORGED PISTONS

Premium Forged Series Pistons

Pistons are made of 2618 aluminum alloy and accept 1/16" top, 1/16" second, and 3/16" oil rings. Sets of eight, include wrist pins and spiral locks. ***Note: Compression ratios are based on a 64cc combustion chamber.***

Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Head Volume
Small Block Chevrolet 283-400					
Dome					
ICNIC793.040	4.040"	3.250"	5.700"	11.2:1	6.3cc
Flat Top					
ICNIC792.030	4.030"	3.250"	5.700"	9.8:1	-4.9cc
ICNIC792.040	4.040"	3.250"	5.700"	9.8:1	-4.9cc

IDEAL HEATED KNIVES

Tire Grooving Iron *IHK125*

Lightweight pistol grip stays cool during use. The solid brass head keeps the heat "just ahead" of the cutting blade to quickly groove dirt track tires. Cut depth is controlled by the adjustable blade. Iron has a 250-watt capacity, and includes .215" wide brass #4 head, twelve #4 blades, and 7-foot power cord.

Part No.	Description	Part No.	Description
Replacement Round Blades		***Replacement Heads***	
IHKBL01	#1 Blades (12)	IHKHD01	#1 Head .053" Wide
IHKBL02	#2 Blades (12)	IHKHD02	#2 Head .090" Wide
IHKBL03	#3 Blades (12)	IHKHD03	#3 Head .150" Wide
IHKBL04	#4 Blades (12)	IHKHD04	#4 Head .215" Wide
IHKBL05	#5 Blades (12)	IHKHD05	#5 Head .290" Wide
IHKBL06	#6 Blades (12)	IHKHD06	#6 Head .375" Wide
IHKBL08	#8 Blades (12)	IHKHD08	#8 Head .500" Wide
IHKBL10	#10 Blades (12)	IHKHD10	#10 Head .625" Wide
IHKBL12	#12 Blades (12)	IHKHD12	#12 Head .750" Wide

Two-Stage Stack Spring Kit

IRS310-30549

Typically used on the right front of Dirt Late Models, kit allows the car to initiate movement by starting with a softer spring prior to "hitting" a stack nut and utilizing a pre-determined stiffer spring. Adjustment is performed by changing the gap between the stack nut and slider.

Take-Up Spring

Used on the left front of Dirt Late Models to prevent the coil-over spring from rattling.

IRS310-30400

IRS310-3006-005

Part No.	Description
IRS310-3006-005	Take-Up Spring, for IRS310-30200 Coil-Over Kit
IRS310-30400	Nylon Slider

Deluxe Inflation Unit

IRS310-30310-SG

Deluxe inflation unit features a 360° swiveling face and Schrader fill valve, precision bleeder valve, and anti-air loss connector. Sold complete with protective case.

Shock Absorber Rebuilding Components and Accessories

IRS310-30208

IRS310-30209

IRS310-30224

Part No.	Description
IRS310-30208	Rod Wiper
IRS310-30209	Rod Seal O-Ring
IRS310-30224	Standard Steel Rod End
IRS310-30280	1/2" Slotted Heel Wiper
IRS310-30317	7" Piston Rod
IRS310-30319	9" Piston Rod
IRS310-30327	Shock Bearing
IRS310-30387	7" Adjustable Piston Rod
IRS310-30403S	1" Extended Steel Rod End
IRS310-30404	2" Extended Aluminum Rod End
IRS310-30404S	2" Extended Steel Rod End

Puck Style *IRS310-30185*

Puck-style bump stop kit includes (3) of each 1/2" durometer and (2) of each 3/4" durometer puck style bump stops, (8) puck separator washers, (8) large shock washers, and (16) bump stop packers.

DLC and MX 2-5/8" Coil-Over Springs

Integra offers both MX and DLC (Dynamic Load Control) 2-5/8" coil-over springs. MX springs are manufactured from VMX alloy steel and utilize fewer coils for reduced weight and increased travel. DLC springs feature an aggressive barrel design for optimum performance and body clearance with maximum distance between coils for improved travel prior to coil bind. All springs are etched with the rate and are covered by a limited lifetime guarantee.

Rate	Part No.
4" Tall	
400	IRS310-2504-400
10" Tall	
200	IRS310-2510-200MX
250	IRS310-2510-250DLC
525	IRS310-2510-525DLC
12" Tall	
200	IRS310-2512-200DLC
225	IRS310-2512-225DLC
275	IRS310-2512-275DLC

Coil-Over Spring Rubbers

Part No.	Description
IRS310-30112	Yellow (Soft) Spring Rubber
IRS310-30112-1	Yellow (Soft) Extra-Thick (1-1/4" Tall) Spring Rubber
IRS310-30113	Orange (Medium) Spring Rubber
IRS310-30113-1	Orange (Medium) Extra-Thick (1-1/4" Tall) Spring Rubber
IRS310-30114	Red (Hard) Spring Rubber
IRS310-30114-1	Red (Hard) Extra-Thick (1-1/4" Tall) Spring Rubber
IRS310-3017-57	Blue (Hard) Coil-Over Spring Rubber
IRS310-3017-62	Yellow (X-Hard) Coil-Over Spring Rubber
IRS310-3017-72*	1" Tall Red (Soft) Coil-Over Spring Rubber
IRS310-3017-96*	1" Tall White (Medium) Coil-Over Spring Rubber
IRS310-3017-108*	1" Tall Blue (Hard) Coil-Over Spring Rubber

**** Engineered for coil-over springs that feature increased spacing.***

Shock Bumpers

Part No.	Description
IRS310-3018-27	2-1/4" Tall Red (Soft) Tree Bumper
IRS310-3018-33	2-1/4" Tall White (Medium) Tree Bumper
IRS310-3018-39	2-1/4" Tall Blue (Hard) Tree Bumper
IRS310-3019-41	3" Tall Red (Soft) Tree Bumper
IRS310-3019-50	3" Tall White (Medium) Tree Bumper
IRS310-3019-59	3" Tall Blue (Hard) Tree Bumper

Shock Absorber Rebuilding Kit and Tools

Part No.	Description
IRS310-30202	Mono-Tube Shock Rebuild/Revalve Kit
IRS310-30312-2	Rod Guide Wrench, Dual-Handle Stealth Series for Mono-Tube Shocks

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SW650RFX Wireless Quik Weigh Scale System *INT170319*

Scale system features fully integrated RFX wireless weighing technology, allowing the transmission of weight data from the one-touch indicator to a mobile device using Bluetooth technology. Certified to 0.1% accuracy, system displays weight percentages to the hundredth, center of gravity calculation, baseline setup recall, target tune feature, USB and RS232 outputs, and can store up to 100 chassis setups. Covered by a two-year warranty, system includes wireless indicator, (4) 1,500-lb. capacity 15" x 15" x 2-1/2" billet pads, battery charger, AA alkaline batteries, and case.

SW777RFX Wireless Professional Scale System *INT170320*

Professional-level scale system incorporates advanced wireless technology and is certified to 0.1% accuracy. One-touch wireless unit transmits weight data from the indicator to a mobile device using Bluetooth technology. System can show weight percentages to the hundredth, center of gravity calculation, baseline setup recall, target tune feature, USB and RS232 outputs, and can store up to 100 chassis setups. Unit is covered by a two-year warranty, and is sold complete with wireless indicator, (4) 1,500-lb. capacity 15" x 15" x 2-1/2" billet pads, battery charger, AA alkaline batteries, and case.

SW787RFX Wireless PC Scale System *INT170154-PC*

Popular system combines the benefits of a wireless weighing system with ultra-accurate billet scale pads. Integrated RFX wireless weighing technology securely transmits data from the scale pads to a PC. Sold complete with one-touch wireless indicator with case, Race Weigh PC software, (4) billet 15" x 15" x 2-1/2", 1500-lb. capacity RFX wireless scale pads, USB wireless receiver, AA alkaline batteries, and two-year warranty. PC not included.

SW 500 E-Z Cabled Scale System *INT170125*

Intercomp's best selling scale system. Cabled E-Z Weigh Scale System offers large, easy-to-read display of weights and percentages, and is certified to 0.1% accuracy. Unit has a target tune feature and can display set-ups to 1/100th of a percent, store 100 chassis set-ups, recall baseline set-up, calculate center of gravity, and display user-selectable modes. Includes cabled indicator with case, (4) billet 15" x 15" x 2-1/2", 1,500-lb. capacity scale pads, 9-volt rechargeable battery, and two-year warranty.

Microflex Wireless Scale System *INT170325*

System utilizes ultra low-deflection scale pads for the highest level of accuracy and repeatability for consistent chassis set-up. The fully integrated RFX wireless weighing technology encryption provides a secure wireless connection, as well as USB and RS232 outputs. Capable of storing up to 100 chassis set-ups with recall, center of gravity calculation, and weight percentages. Sold complete with (4) 15" x 15" x 2-1/2" wireless RFX billet 2,200 lb. capacity pads, one-touch wireless indicator with rechargeable batteries, battery charger, RaceWeigh software, batteries and storage case.

Microflex Bluetooth Wireless Scale System *INT170325*

Advanced wireless Microflex Bluetooth scale system allows transmitting weight data from the indicator to a mobile device using Bluetooth technology. System provides center of gravity calculation, baseline set-up recall, target tune feature, storing up to 100 chassis set-ups, and viewing any combination of scale pad weight and percentage. System includes one-touch wireless indicator with rechargeable batteries, battery charger and case, and (4) 2,200-lb. capacity 15" x 15" x 2-1/2" wireless RFX billet pads. PC not included.

E-Z Weigh Kart Complete Scale System *INT170130*

Certified to 0.1% accuracy, E-Z Weigh scale system is specifically designed for Karts. System has a 1,600-lb. capacity, and can display center of gravity calibration, baseline setup recall, and 100 chassis setups, all on its display with large 1/2" characters. Includes outputs for USB and RS232. Powered by a standard 9-volt battery.

Scale Cart *INT100346*

Premium-quality, lightweight two-wheeled cart is designed to hold (4) 2-1/2" or 4" scale pads, cables, and controller.

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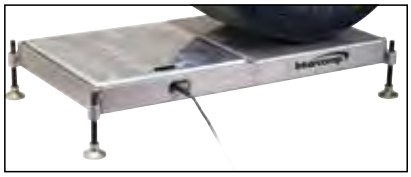
Quik Ramp Scale Ramps with Roll-Off *INT171005*

Textured exoskeleton design scale ramps provide superior strength and support up to a 6,000-lb. vehicle. Scale ramps are 30"L x 2-1/2"H x 12"W wide with a 7.8° incline. Set of four.

Scale Pad Case *INT490197*

Heavy-duty case is 17-3/4" x 17-3/4" x 13-1/2" and includes special dividers to store four 2-1/2" scale pads.

2-1/2"Scale Pad Levelers with Roll-Off Pads *INT170133*



Lightweight aluminum levelers are designed to fit any 15" x 2-1/2" scale pads. Allows the car to be rolled off the scale pad and back on with little effort. Choose from standard or billet aluminum levelers. Sold in sets of four.

Turn Plates *INT102007*

Manufactured from lightweight aerospace aluminum, Intercomp turn plates take several measurements for alignment including caster/camber and Ackerman. Traditional mechanical turn plates may be placed on top of scale pads and are 13" x 15" x 1-1/2" in size.

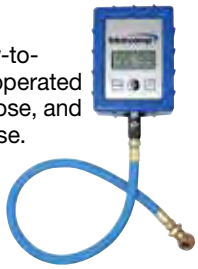
Deluxe Air Pressure Gauges

Deluxe air gauges incorporate a patented internal mechanism which provides far more resilience to extreme punishment. Available in standard, glow-in-the-dark, or liquid-filled, every unit includes a high-quality thumb-operated bleeder and swivel nozzle on a 17" Goodyear hose. High-visibility display with major/minor graduation marks.

Description	Part No.
0-15 PSI	
Standard, 2" Dia.	INT360062
Liquid-Filled, 2-1/2" Dia.	INT360065
Glow-In-The-Dark, 2-1/2" Dia.	INT360068
Glow-In-The-Dark, 4" Dia.	INT360058
0-30 PSI	
Standard, 2" Dia.	INT360063
Liquid-Filled, 2-1/2" Dia.	INT360066
Glow-In-The-Dark, 2-1/2" Dia.	INT360069
Glow-In-The-Dark, 4" Dia.	INT360059
0-60 PSI	
Standard, 2" Dia.	INT360064
Liquid-Filled, 2-1/2" Dia.	INT360067
Glow-In-The-Dark, 2-1/2" Dia.	INT360070
Glow-In-The-Dark, 4" Dia.	INT360060

INT360062

Digital Air Pressure Gauge



Highly accurate digital gauges include easy-to-read 1/2" display, push-button zero, thumb-operated bleed-off, backlit display for night use, 22" hose, and 45° swivel or ball chuck. Includes storage case.

Part No.	Description
INT360045	0-100 PSI, 45° Swivel Chuck
INT360045-150	0-150 PSI, 45° Swivel Chuck
INT360045-BC	0-100 PSI, Ball Chuck

Digital Fill, Bleed, and Read Air Pressure Gauge

Precision digital gauge includes unsurpassed accuracy with a readout in 0.1 increments. Gauge reads 0-150 PSI, and also can display in BAR or kg/cm. Powered by a standard 9-volt battery. Sold complete with case and angled or ball chuck.

Part No.	Description
INT360094	Includes Angled Chuck
INT360094-BC	Includes Ball Chuck

Protective Cover for Digital Air Pressure Gauge *INT179009*

Shock-resistant blue rubber cover fits all generations of Intercomp Digital Air Gauges, offering protection from the rigors of racing.

Tire Drying/Purging System *INT102064*

System uses compressed air or nitrogen to purge air from tires, reducing pressure gain, controlling stagger growth, reducing tire wear, and eliminating glazing. Compact system can purge and fill four tires in just minutes. Sold complete with cart for easy transport.

Digital Tire Durometer *INT102091*

Digital durometer reads from 0-99.5 and includes both push-button zero and peak hold functions. Sold complete with storage case.

Tire Durometer *INT360092*

Type-A hardness tester allows quick checks of tire hardness. Gauge reads 0-100.

Digital Angle Gauge *INT102144*

Angle gauge features a large LCD display and offers quick, accurate angle measurements from 0° to 90° in 0.5° increments. Magnetic back and sides allow hands-free operation. Includes internal battery with USB charging cable.

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Digital Depth Gauge *INT102081*

Billet aluminum based gauge with large digital display measures depths in .0005" increments with a range of 0-.250" and accuracy of +/-.001". Sold complete with case.

Tire Durometer/Tread Depth Gauge Set *INT360110*

Evaluate tire condition and wear effectively. Tire durometer uses a Type A removable tip to read from 0-100. Tread depth gauge measures wear in 1mm or 1/32" increments. Sold complete with case.

Tire Humidity/Temperature Meter *INT360036*

Meter measures relative humidity and temperature (F° or C°) inside of tire. Includes valve stem adapter. Powered by a 9-volt battery.

Infrared Pyrometer *INT360018-E*

Infrared pyrometer provides quick temperature readings. Point-and-shoot operation checks temperature of rotors, tires, fluids, etc. Displays from -58° to 1,022°F. Sold complete with carrying case.

Pyrometer Brake Probe *INT360022*

Optional brake probe is designed for use with Intercomp pyrometer and reads up to 2,000°F.

Digital Shock Inflation and Pressure Gauge *INT100675*

Allows quick, easy shock pressure settings up to 300 PSI in 0.5 lb. increments. Gauge is compatible with most shocks and includes a thumb-operated bleeder to achieve desired pressure. Standard with "Schrader" valve adapter for Penske-style valve, while a needle adapter is available for Ohlins-style.

Analog Shock Inflation and Pressure Gauge *INT100675-A*

Specialized gauge allows monitoring pressure during the shock inflation process. Liquid-filled unit has a range of 0-300 PSI and 0-20 BAR.

RFX Suspension Load Stick NEW!

The first wireless load stick, completely eliminating the need for troublesome cabling. The RFX Suspension Load Stick installs directly in place of the coil-over assembly and allows quickly determining static load at ride height. Check static load one corner at a time with a single load stick, front or rear with a pair, or all four corners at once with a set of four. Sold complete with the SW650RFX Quik Weigh Wireless Indicator.

Part No.	Description
INT174000	(1) Short Length Body Load Stick and Quik Weigh Wireless Indicator
INT174001	(2) Short Length Body Load Sticks and Quik Weigh Wireless Indicator
INT174002	(4) Load Sticks (2-Short, 1-Medium & 1-Long) and Quik Weigh Wireless Indicator
Accessory Components	
INT174003	Short Length Body Load Stick Only
INT174004	Short Length Body Only
INT174005	Medium Length Body Only
INT174006	Long Length Body Only

Digital Caster/Camber Gauge with Backlight

INT100005

One of the industry's most up-to-date digital caster/camber gauges indicates to 0.1° and has a selectable 15° or 20° reading up to 10 times more accurate than conventional bubble gauges. Easy-to-use controls include: on/off, caster/camber select, and zero adjust. A standard 9-volt battery lasts up to 100 hours.

Part No.	Description
INT100005	Gauge with Magnetic Adapter and Carrying Case
INT100008	Gauge with Carrying Case, Adapter Not Included

Caster/Camber Gauge Adapters

INT100000

INT100002

INT100006

Part No.	Description
INT100000	GM, .750"-20
INT100002	Wide 5, 1.813"-16
INT100006	Magnetic, 3" O.D. - 1.55" I.D.

Deluxe Pyrometer *INT360012*

Check tire, brake, etc. temperatures quickly and accurately. Unit has a temperature range of 0°-1,500°F, or up to 2,000° with the optional brake probe. Coiled probe cord allows easy use. Displays in F° or C°. Includes storage case.

Part No.	Description
Related Component	
INT360022	Optional Brake Probe, Reads up to 2,000°F

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Variable and High Speed Shock Dynamometers

Test and evaluate shock absorbers precisely and effectively. Shock dynamometers use a 3HP motor that runs on 220V power, with adjustable stroke settings of 1", 1-1/2", 2" or 2-1/4", and an eye-to-eye 40" mast. Easy-to-use shock analysis software displays all measurements for force, distance, and temperature. Software additionally provides both constant velocity testing/graphing (CVP) and peak velocity pick off graphing/testing (PVP). Compatible with Windows 2000, Windows XP, Vista, Windows 7, Windows 8, and Windows 10. Sold complete with laptop. Offered in variable- or high-speed versions; variable-speed unit is user adjustable from 0.5 to 19 in./sec., while high-speed version operates from 0.5 to 55 in./sec.

Part No.	Description
INT102093-40	Variable-Speed Shock Dynamometer
INT102092-40	High-Speed Shock Dynamometer NEW!

Coil Spring Tester *INT100059*

Portable spring tester features a large 1/2" tall digital display that indicates force and travel. Unit can check flat/coil-over springs up to 6" dia. and 18" tall, and uses a quick, single-pin vertical adjustment. Tester has a 5,000-lb. capacity and is powered by a 9-volt battery.

Digital Coil Spring Tester *INT100061*

Precision coil spring tester can calibrate flat/coil-over springs up to 6" in diameter and up to 18" tall. Unit offers a large 1/2" display, peak hold feature, 2,000-lb. capacity, and is powered by a standard 9-volt battery.

Valve Spring Tester *INT100058*

Designed specifically for valve, clutch, shock, and pressure springs up to 2" dia. with up to 4" of travel, portable spring tester has a 1,000-lb. capacity. Digital display provides readouts of force and travel, and has a peak hold feature. Powered by a 9-volt battery.

Arbor Valve Spring Tester *INT110058*

Tester's digital readout displays from 0-1,500 lbs. in 1.0 lb. increments. Unit includes two adjustable test stops, 2" O.D. spring capacity and 5" travel capacity. Backlit for night use, and powered by a 9-volt battery. May also be used for checking bump stops with optional adapter.

Coil-Over Spring Tester *INT110060*

New, improved coil-over spring tester features a 5,000-lb. load rating, and offers an increased, 31" height and over 10-1/2" of digital travel readings, allowing shocks to be tested without having to adjust preload. Test coil-over springs, shocks, 5th coils, bump stops, etc. Pull or spring bars may also be tested with optional accessories.

ISKY RACING CAMS

HPX Silver Series Needle Bearing Hydraulic Roller Lifters *ISK2077HYRT*

Isky partnered with Johnson Lifters of Taylor, Michigan to deliver the highest quality, USA-made hydraulic roller lifters currently available. Lifters combine super precision-ground bodies and pistons with PDQ Hi-Flo piston valves for maximum performance and durability. Lifters are suitable for applications that are subject to up to 7,500 RPM with up to 535 lbs. of open valve spring pressure. Sold in sets of 16.

Red-Zone Maximum Endurance Mechanical Roller Lifters

Lifters are manufactured using Marathon roller bearings, which use larger diameter pins and thicker, shock-absorbing outer races for improved durability. Lifters include smooth-finished alloy steel bodies repel scuffing, and full spectrum, three-point oiling system. Sets of 16.

Part No.	Description
ISK1271-LSH	SB Chevy, .842" Dia., Aluminum Top, Centerline
ISK1271-LO-150	SB Chevy, .842" Dia., Aluminum Top, (8) Centerline, (4) Each .150" LH and RH Offset
ISK1271-LO-185	SB Chevy, .842" Dia., Aluminum Top, (8) Centerline, (4) Each .185" LH And RH Offset

ISKY RACING CAMS

Red-Zone Maximum Endurance Mechanical Roller Lifters

Lifters are manufactured using Marathon roller bearings, which use larger diameter pins and thicker, shock-absorbing outer races for improved durability. Lifters include smooth-finished alloy steel bodies repel scuffing, and full spectrum, three-point oiling system. Sets of 16.

Part No.	Description
ISK1271-LSH	SB Chevy, .842" Dia., Aluminum Top, Centerline
ISK1271-LO-150	SB Chevy, .842" Dia., Aluminum Top, (8) Centerline, (4) Each .150" LH and RH Offset
ISK1271-LO-185	SB Chevy, .842" Dia., Aluminum Top, (8) Centerline, (4) Each .185" LH and RH Offset

HPX EZ-Roll Gold Series Needle-Free Hydraulic Roller Lifters *ISK2075HYRT*

Partnering with Johnson Lifters of Taylor, Michigan, Isky Racing Cams developed the HPX EZ-Roll Gold Series as a USA-made, needle-free hydraulic roller lifter that includes the ability to expand load distribution by over 350%, increasing durability and performance. Suitable for applications that are subject to up to 7,500 RPM with up to 535 lbs. of open valve spring pressure. Sold in sets of 16.

Valve Locks

Locks are machined from 4140 chrome moly bar stock and heat treated. Available in 7° and 10° styles. The "Super 7°" locks have a precisely ground outside diameter to provide a more consistent installed height and are engineered for endurance oval track applications. Sold in sets of 16 (32 pieces).

Part No.	Description
7° Valve Locks	
ISKVL-11/32	For 11/32" Valve Stems, SB Chevy, SB Ford
"Super 7°" Valve Locks	
ISKVL-700	For 11/32" Valve Stems, SB Chevy, SB Ford
ISKVL-750	For 11/32" Valve Stems, +.050" Higher Installed Height, SB Chevy, SB Ford
10° Valve Locks	
ISKVL10-11/32	For 11/32" Valve Stems, SB Chevy, SB Ford

Steel Valve Spring Retainers

4130 chrome moly steel retainers are ideal for most oval track applications. Sold in sets of 16.

Part No.	Spring Application
ISK275-ST	9315, 9365, 9365-SP, 9365, 9385, 9965, 9975, 9985, 9995
ISK507-ST	6005, 6105, 6205
ISK507-STA	6205, 8005-A
ISK707-ST	205-D
ISK707-STA	235-D, 295-D

Titanium Valve Spring Retainers

Retainers are 20-40% stronger and significantly lighter than common steel retainers. 100% aircraft-quality titanium bar stock is used in the manufacture of the retainers. Sold in sets of 16.

Part No.	Description
ISK90-TI/10DEG	10° Retainers, Use with 10° Valve Locks and Springs 8005-A, 8205, 8305, 9205, 9315, 9365, 9365-SP, 9385, 9965, 9975, 9985, and 9995
ISK91-TI	7° Retainers, Use with Springs 8005-A, 8205, 8305, 9000, 9205, 9315, 9365, 9365-SP, and 9385

Adjustable Guide Plates

Plates minimize modifications to high-performance cylinder heads when intake ports have been relocated. Easily adjusted inward or outward with grind centers for a closer setting. For more stability, plates can be welded once final adjustments have been made. Fits SB Chevy and 90° V6. Packaged in sets of 8 pairs.

Part No.	Description
ISK200-AGP	5/16" Dia. Pushrods
ISK300-AGP	3/8" Dia. Pushrods

Rev-Lube *ISKRL-100*

Ideally used as an assembly lubricant during hydraulic or solid camshaft "break-in", original formula Rev-Lube uses Moly-Sulphide with organic and synthetic polymers to prevent "dry start-up". Sold in 1-lb. container.

Jett Mann — Photo by: Mike Reusche

Justin Peck — Photo by: Mike Reusche

ISKY RACING CAMS

Endurance Plus™ Valve Springs

Test-proven for 850 racing miles, Endurance Plus springs feature a higher alloy outer spring "plus" special processing for increased durability. Excellent for use in sprint cars, super modifieds, super late models, road racing, and other race cars running up to 8400 RPM. Sold in sets of 16.

Part No.	Type	Color Code	Outer O.D./I.D.	Inner O.D./I.D.	Seat Pressure	Open Pressure	Rate Per In.	Coil Bind	Max. Net Lift
ISK8005PLUS	Dual with Damper	—	1.530"/1.110"	1.005"/.730"	140 @ 1.875"	400 @ 1.275"	420	1.160"	.650"
ISK8205PLUS	Dual with Damper	—	1.530"/1.110"	1.005"/.730"	150 @ 1.900"	420 @ 1.300"	440	1.120"	.650"
ISK9365PLUS	Dual with Damper	Green/Silver/Orange	1.560"/1.040"	1.145"/.740"	235 @ 1.950"	560 @ 1.270"	470	1.170"	.680"
ISK9375PLUS	Dual with Damper	Natural/Silver/ Orange	1.560"/1.040"	1.145"/.740"	230 @ 1.970"	560 @ 1.290"	480	1.190"	.680"
ISK9385PLUS	Dual with Damper	Natural/Silver/Red	1.560"/1.040"	1.145"/.740"	245 @ 2.000"	600 @ 1.280"	500	1.180"	.720"

Precision Tool Room™ Valve Springs

Test-proven for 1000 racing miles, Isky Precision Tool Room valve springs feature the highest quality alloy wire and trade secret endurance processing. Great for super modifieds, ARCA, xFinity, Truck, Cup, and applications up to 8800 RPM. Sold in sets of 16.

Part No.	Type	Color Code	Outer O.D./I.D.	Inner O.D./I.D.	Seat Pressure	Open Pressure	Rate Per In.	Coil Bind	Max. Net Lift
ISK295-D	Single with Damper	—	1.260"/.886"	—	135 @ 1.775"	350 @ 1.175"	360	1.100"	.600"
ISK9905	Dual with Damper	Gold	1.534"/1.120"	1.010"/.740"	165 @ 1.900"	450 @ 1.300"	475	1.160"	.600"
ISK9935	Dual Damperless	Gold	1.560"/1.155"	1.153"/.820"	245 @ 1.950"	590 @ 1.250"	490	1.150"	.700"
ISK9945	Dual with Damper	Gold	1.625"/1.175"	1.065"/.770"	250 @ 2.020"	675 @ 1.270"	550	1.180"	.750"
ISK9965	Dual with Damper	Gold	1.560"/1.145"	1.040"/.740"	245 @ 1.950"	585 @ 1.270"	470	1.170"	.680"
ISK9975	Dual with Damper	Gold	1.560"/1.145"	1.040"/.740"	245 @ 1.970"	585 @ 1.290"	480	1.190"	.680"
ISK9985	Dual with Damper	Gold	1.560"/1.145"	1.040"/.740"	245 @ 2.000"	600 @ 1.300"	500	1.200"	.700"
ISK9995	Dual with Damper	Gold	1.570"/1.145"	1.035"/.740"	250 @ 2.030"	625 @ 1.300"	510	1.200"	.730"

RAD-9000 Precision Tool Room Valve Springs

Isky Precision Tool Room valve springs taken one step further. Springs have undergone Radial-Densification (RAD), which further modifies the springs' physical properties. Designed for endurance oval track racing, RAD-9000 springs are sold in sets of 16.

Part No.	Type	Outer O.D./I.D.	Inner O.D./I.D.	Seat Pressure	Open Pressure	Rate Per In.	Coil Bind	Max. Net Lift
ISK9945-RAD	Dual with Damper	1.625"/1.175"	1.065"/.770"	250 @ 2.020"	675 @ 1.270"	550	1.180"	.750"
ISK9955-RAD	Dual with Damper	1.625"/1.175"	1.065"/.770"	265 @ 2.120"	700 @ 1.320"	545	1.240"	.800"
ISK9985-RAD	Dual with Damper	1.650"/1.145"	1.040"/.740"	245 @ 2.000"	600 @ 1.300"	500	1.200"	.700"
ISK9988-RAD	Dual with Damper	1.570"/1.145"	1.040"/.745"	250 @ 2.000"	660 @ 1.250"	550	1.150"	.750"
ISK9995-RAD	Dual with Damper	1.570"/1.145"	1.040"/.740"	250 @ 2.030"	625 @ 1.300"	510	1.200"	.730"
ISK9998-RAD	Dual with Damper	1.600"/1.150"	1.040"/.745"	250 @ 2.050"	735 @ 1.250"	600	1.160"	.800"
ISK9999-RAD	Dual with Damper	1.600"/1.150"	1.040"/.745"	250 @ 2.000"	770 @ 1.200"	650	1.150"	.800"

"Max-Life" Super Endurance Roller Valve Springs *ISK9987-RADML*

Engineered for sustained high-RPM oval track racing, "Max-Life" Super Endurance valve springs are manufactured from a revolutionary new alloy steel that is nitride heat-treated and multi-stage micro-polished for enhanced longevity. Sold in sets of 16.

Type	Outer O.D./I.D.	Inner O.D./I.D.	Seat Pressure	Open Pressure	Rate Per Inch	Coil Bind	Max. Net Lift
Dual w/Damper	1.570"/1.146"	1.044"/.748"	275 @ 2.000"	790 @ 1.200"	644	1.150"	.800"

Darin Naida — Photo by: Mike Reusche

Shane Stewart — Photo by: Mike Reusche

Fuel Cell Tip-Over Valves

Prevents fuel spillage in the event of a roll-over.

JAZ834-008-11

JAZ834-208-06

Part No.	Description
JAZ834-006-11	-6AN Tip-Over Valve
JAZ834-008-11	-8AN Tip-Over Valve
JAZ834-206-06	-6AN External Tip-Over Valve
JAZ834-208-06	-8AN External Tip-Over Valve

Fast Flow Fuel Cell Fittings

Fully radiused, fast flow fuel cell fittings include bulkhead nuts and poly washers. Poly washers are also available separately.

Size	Fuel Cell Fitting	Poly Washer
-6AN	JAZ832-106-11	JAZ850-506-04
-8AN	JAZ832-108-11	JAZ850-508-04
-10AN	JAZ832-110-11	JAZ850-510-04
-12AN	JAZ832-112-11	JAZ850-512-04

Filter Insert *JAZ500-000-01*

60-micron stainless steel screen is easily removed for cleaning. O-ring is set into a molded-in groove to provide a tight seal. Fits above funnels.

SFI-Approved Roll Bar Padding

Adhesive-backed roll bar padding easily attaches to roll bar tubing and meets SFI 45.1 specifications. Available in 3-ft. lengths and 1/2" thicknesses.

Part No.	Description
Black	
JAZ690-003-01	1/2" Thick Roll Bar Padding
JAZ690-007-01	5/8" Thick Roll Bar Padding

Valve Train Trays

JAZ735-002-06

Lightweight trays are perfect for keeping valvetrain components organized during engine tear down. Valve spring tray holds springs, valve locks, and will accept the largest valves available. Rocker arm tray holds pushrods, lifters, poly locks, spark plugs, and rocker arms.

Part No.	Description
JAZ735-001-06	Valve Spring Tray
JAZ735-002-06	Rocker Arm Tray

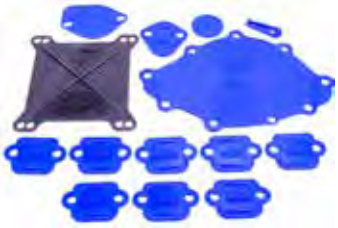
Engine Stand Drip Tray
JAZ720-000-01

Designed to fit most three- and four-legged engine stands, sturdy drip tray has a deep sump to catch oil and debris. Promotes safety in the workshop and keeps the shop/garage floor much neater. Also handy for retrieving dropped fasteners and small parts.

Engine Block-Off Kits

Ideal for sealing up spare engines. Easier and cleaner than using tape. Plastic block-offs are included for exhaust ports, carburetor flange, water pump, fuel pump, and water outlet.

JAZ730-001-01



JAZ730-007-01

Part No.	Description
SB Chevy	
JAZ730-001-01	Block-Off Kit, 4150 Carb
SB Ford	
JAZ730-007-01	Block-Off Kit, 4150 Carb

Overflow Catch Cans

Molded one-piece, one-quart catch can has unique swivel elbow input and a lever-handle petcock for draining. Easily mounted with two molded-in 1/4"-20 threaded inserts. ***Note: May be mounted using Allstar ALL14200 or ALL14201 brackets.***

Part No.	Color
JAZ600-025-01	Black
JAZ600-025-05	Clear
JAZ600-025-06	Red
JAZ600-025-11	Blue

Fuel Funnels
Standard Triangular
JAZ550-014-06

14" triangular shape allows easy filling against a bulkhead. 3-step spout may be cut off for different rates of flow. 17" long. Accepts filter JAZ500-000-01.

Large Triangular
JAZ550-016-06

16" triangular funnel is similar to the standard funnel, but with a larger capacity and a tapered spout for different flow rates. 22" long. Accepts filter JAZ500-000-01.

Large "D" Shape
JAZ560-015-06

Large, "D" Shape 16" long funnel eases access against bulkheads and includes a built-in anti-splash ring. Accepts filter JAZ500-000-01.

SB Chevy 350/400 23° Dome

High-compression pistons are compatible with most stock, aftermarket, and angle-milled cylinder heads. Valve reliefs accommodate oversized valves and high-lift cams. Requires 1/16" top, 1/16" second, and 3/16" oil rings. Sold in sets of eight and include .927" x 2.750" (130 grams) wrist pins, and double spiral locks. ***Notes: Compression ratios are based on a 64cc combustion chamber. All of the 350 pistons fit both 3.480" and 3.500" strokes.***

Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
350 Pistons					
JEP217240	4.000"	3.500"	6.000"	13.1:1	+14.5
JEP182005	4.030"	3.750"	6.000"	13.3:1	+9.5cc
—	4.040"	3.750"	6.000"	13.7:1	+11cc
JEP182012	4.030"	3.500"	6.000"	13.1:1	+13cc
JEP182014	4.040"	3.500"	6.000"	13.2:1	+13cc
JEP182015	4.060"	3.500"	6.000"	13.5:1	+13.5cc
400 Pistons					
JEP182024	4.125"	4.000"	6.000"	13.4:1	+3cc
JEP182027	4.155"	4.000"	6.000"	13.5:1	+3cc
JEP182028	4.165"	4.000"	6.000"	13.7:1	+3cc
JEP182032	4.165"	4.000"	6.000"	14.6:1	+8cc
JEP182033	4.125"	3.875"	6.000"	13.5:1	+5.6cc
JEP182036	4.155"	3.875"	6.000"	13.2:1	+3cc
JEP182037	4.165"	3.875"	6.000"	13.3:1	+3cc
JEP182038	4.125"	3.875"	6.000"	14.1:1	+8cc
JEP182039	4.130"	3.875"	6.000"	15.0:1	+10.8cc
JEP182041	4.155"	3.875"	6.000"	14.1:1	+8cc
JEP182042	4.165"	3.875"	6.000"	14.2:1	+8cc
JEP182053	4.125"	3.750"	6.000"	12.7:1	+3cc
JEP182058	4.125"	3.750"	6.000"	13.6:1	+8cc
JEP182065	4.155"	3.625"	6.000"	14.3:1	+12.9cc
JEP182067	4.125"	3.500"	6.000"	13.8:1	+13cc
JEP182069	4.155"	3.500"	6.000"	13.8:1	+13cc
JEP207513	4.185"	4.000"	6.000"	14.8:1	+8cc

SB Chevy 400 18° Flat Top

Made for small block Chevy 400 engines fitted with 18° cylinder heads, flat-top pistons feature a low-friction skirt design and CNC-machined ring grooves that accept 1/16", 1/16", and 3/16" rings. Pistons include valve reliefs to allow compatibility with oversized valves and long duration camshafts. Sold in sets of eight and include oil rail supports, .927" x 2.750" (130 gram) wrist pins, and double spiral locks. ***Note: Compression ratios are based on a 55cc combustion chamber.***

Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
JEP213112	4.155"	3.875"	6.000"	14.9:1	+2.5cc
JEP181960	4.155"	3.875"	6.000"	13.2:1	-6.0cc
JEP181941	4.165"	3.750"	6.000"	11.6	-5.0cc
JEP213123	4.165"	3.750"	6.000"	14.5:1	+2.5cc

SB Chevy 400 18° Dome

Pistons utilize a special dome profile for improved compatibility with a wide variety of 18° cylinder heads. Engineered for large cubic inch, high-compression Dirt Late Models, pistons accept 1/16", 1/16", and 3/16" rings, and feature valve reliefs that are compatible with oversized valves and long-duration camshafts. Sold in sets of eight that include oil rail supports, .927" x 2.750" (130 gram) wrist pins, and double spiral locks. ***Note: Compression ratios are based on a 55cc combustion chamber.***

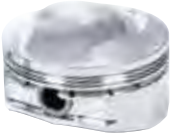
Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
JEP213109	4.125"	3.875"	6.000"	14.7	+2.5cc
JEP213110	4.135"	3.875"	6.000"	14.7:1	+2.5cc
JEP213121	4.145"	3.750"	6.000"	14.4:1	+2.5cc
JEP213112	4.155"	3.875"	6.000"	14.9:1	+2.5cc
JEP213123	4.165"	3.750"	6.000"	14.9:1	+2.5cc

SB Chevy 350/400 23° Flat-Top

Low-friction pistons with double-forced pin oilers and annular oil reservoirs will fit most 23° (OEM angle) cylinder heads. Requires 1/16" top, 1/16" second, and 3/16" oil rings. The pistons include .927" x 2-1/2" (118 grams) heavy-duty wrist pins. Sold in sets of eight, with double spiral locks. ***Notes: Compression ratios are based on a 64cc combustion chamber. The 350 pistons listed fit both 3.480" and 3.500" strokes.***

Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
350 Pistons					
JEP181916	4.030"	3.500"	6.000"	10.3:1	-5 cc
400 Pistons					
JEP242886	4.125"	4.000"	6.000"	12.2:1	-5cc
JEP194340	4.165"	4.000"	6.000"	12.3:1	-4.3cc

SB Chevy 13° All Pro/13.5° GB 2000 Dome



Ideal for Dirt Late Models, small block Chevy 400 pistons utilize deep valve reliefs to accommodate increased valve lift and smaller combustion chambers. Pistons accept 1.2, 1.5, and 3.0mm rings for reduced friction, and lateral gas ports are used to increase combustion sealing. Sold in sets of eight with .927" x 2.750" (130 grams) wrist pins and double spiral locks.

Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
JEP281793*	4.125"	3.800"	6.000"	15.1:1	-4.5
JEP281800*	4.140"	3.800"	5.850"	15.2:1	-4.5

**** Compression ratios are based on a 45cc combustion chamber.***

SB Chevy 23° FSR Tour Series GP

Lightweight, lateral gas-ported pistons are engineered for circle track applications with up to 650 horsepower. Pistons use an aggressive, raised ring competition-only design for maximum performance. Requires .043" top, .043" second, and 3.0mm oil rings. Sold in sets of eight, complete with .927" x 2.350" (111 grams) wrist pins, and wire locks. ***Note: Compression ratios are based on a 64cc combustion chamber. The 350 pistons listed fit both 3.480" and 3.500" strokes.***

Part No.	Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
JEP258027	4.045"	3.500"	5.700"	10.4:1	-5.0cc
JEP258028	4.030"	3.500"	6.000"	10.4:1	-5.0cc
JEP258029	4.035"	3.500"	6.000"	10.4:1	-5.0cc
JEP258031	4.045"	3.500"	6.000"	10.5:1	-5.0cc

SB Chevy 400 23° FSR Hollow Dome GP

JEP301475 NEW!

An FSR version of JE's popular 23° domed pistons that are up to 70 grams lighter than traditional full round pistons, yet more durable due to a modern, FEA-design. Pistons include lateral gas ports, and include deeper valve pockets to accommodate high-lift cams and milled cylinder heads. Requires .043" top, .043" second, and 3mm oil rings. Sold in sets of eight, with double spiral locks.

Bore	Stroke	Rod Length	Comp. Ratio	Dome Volume
4.125"	3.750"	6.000"	14.1	+10.8cc

Race Series Piston Rings

A full selection of premium Pro Seal piston rings are listed by bore size. Top compression rings are barrel-faced ductile iron with a plasma moly coating. Second rings are taper-face cast iron with a phosphate coating. Standard or low-tension oil rings are chrome-plated carbon steel. All sets listed are file fit installation.

Part No.	Bore Size	Top Ring	2nd Ring	Oil Ring
Plasma-Moly				
JEPJ100F8-4030-5	4.030"	1/16"	1/16"	3/16"
JEPJ10008-4030-5*	4.030"	1/16"	1/16"	3/16"
JEPJ100F8-4040-5	4.040"	1/16"	1/16"	3/16"
JEPJ10008-4040-5*	4.040"	1/16"	1/16"	3/16"
JEPJ100F8-4125-5	4.125"	1/16"	1/16"	3/16"
JEPJ10008-4125-5*	4.125"	1/16"	1/16"	3/16"
JEPJ10008-4130-5	4.130"	1/16"	1/16"	3/16"
JEPJ10008-4145-5*	4.145"	1/16"	1/16"	3/16"
JEPJ100F8-4155-5	4.155"	1/16"	1/16"	3/16"
JEPJ10008-4155-5*	4.155"	1/16"	1/16"	3/16"
JEPS100S8-4155-5	4.155"	1/16"	1/16"	3/16"
JEPJ10008-4165-5	4.165"	1/16"	1/16"	3/16"
**** Low-tension oil rings***				

Pro Seal Premium Race Series Piston Rings

Premium Race Series ring sets combine plasma-moly inlaid ductile iron top rings with taper-faced reverse torsional second rings and low-tension oil rings. All sets listed are file-fit installation.

Part No.	Bore Size	Top Ring	2nd Ring	Oil Ring
Plasma-Moly				
JEPJG3108-4000-7	4.000"	1.2mm	1.5mm	3.0mm
JEPJ71408-4030-5	4.030"	.043"	.043"	3.0mm
JEPJ71408-4040-5	4.040"	.043"	.043"	3.0mm
JEPJG31F8-4060-0	4.060"	1.2mm	1.5mm	3.0mm
JEPJG31F8-4070-0	4.070"	1.2mm	1.5mm	3.0mm
JEPJ71408-4125-5	4.125"	.043"	.043"	3.0mm
JEPJ71408-4130-5	4.130"	.043"	.043"	3.0mm

JJ Hickle — Photo by: JohnnyB Imagery

NEW VENDOR

Sportsman Aluminum Series Shaft Rocker Arms

The ultimate replacement for stud rockers, Sportsman Series shaft rockers easily handle aggressive cam profiles and high spring rates. Aluminum bodied shaft rockers have the ability to withstand open spring pressures up to 900 lbs., while maintaining precise valve lash adjustments. Kits are a direct bolt-on in most cases without the need for cylinder head modifications. Sold in sets of 16 with all required hardware.

Part No.	Description
SB Chevy	
JESKSS-335050	1.5 Ratio, 23° AFR/Brodix/Edelbrock/Dart
JESKSS-336050+100	1.6/1.5 Ratio, Dart 23° Pro 1
JESKSS-336060+100	1.6 Ratio, Dart 23° Pro 1
JESKSS-406060	1.6 Ratio, AFR 210-220cc Eliminator
JESKSS-415050	1.5/1.5 Ratio, AFR 227/235cc Eliminator
JESKSS-436060	1.6 Ratio, AFR 227cc Pro-Eliminator (Offset Stud)

Sportsman Tie Bar Roller Lifters

JESKSL-905820-01

Versatile roller lifters, ideal for mild drag, street/strip, or circle track applications, combine polished, 8620 steel heat-treated bodies with bronze bushing cam rollers and heat-treated stainless steel tie bars. SB Chevy, .904" dia., .175" offset intake/centered exhaust. Sold in sets of 16.

Extra Shim and Adjusters

Part No.	Description
Adjuster Kit	
JESKLA-20460-16	3/8"-24 Cup with Nut, 16-pk
JESKLA-20460-4	3/8"-24 Cup with Nut, 4-pk
JESKLA-20460-8	3/8"-24 Cup with Nut, 8-pk
Stand Shim Kit	
JESKRS-28100	SB Horseshoe Type
JESKRS-28150	BB Washer Type

JESEL VALVETRAIN INNOVATION

NEW VENDOR

Pro Tie Bar Roller Lifters *JESKTL-S905820-01*

Solid body, tie bar lifters are suited to professional and sportsman racers alike, and feature the same rollers, needles, and axles common to high end lifters. Sold in sets of 16, lifters are heat treated, REM/ISF polished, and DLC coated. SB Chevy, .904" Dia., .175" Offset Intake/Centered Exhaust.

Components

Part No.	Description
JESBLT-21750-32	5/16"-18 X 1.250" Bolt T45 Torx, 32-pk
JESBLT-21750-8	5/16"-18 X 1.250" Bolt T45 Torx, 8-pk
JESBLT-21755-32	5/16"-18 X 1.250" 12pt Bolt, 32-pk
JESBLT-21755-8	5/16"-18 X 1.250" 12pt Bolt, 8-pk
JESBLT-21890-16	7/16"-14 X .750" Bolt with T50" Torx, 16-pk
JESBLT-21890-4	7/16"-14 X .750" Bolt with T50" Torx, 4-pk
JESBLT-21891-16	7/16"-14 X .875" Bolt with T50" Torx, 16-pk
JESBLT-21891-4	7/16"-14 X .875" Bolt with T50" Torx, 4-pk
JESBLT-21892-16	7/16"-14 X 1.000" Bolt with T50" Torx, 16-pk
JESBLT-21892-4	7/16"-14 X 1.000" Bolt with T50" Torx, 4-pk
JESBLT-21893-16	7/16"-14 X 1.250" Bolt with T50" Torx, 16-pk
JESBLT-21893-4	7/16"-14 X 1.250" Bolt with T50" Torx, 4-pk
JESBLT-21894-16	7/16"-14 X 1.50" Bolt with T50" Torx, 16-pk
JESBLT-21894-4	7/16"-14 X 1.50" Bolt with T50" Torx, 4-pk
JESBLT-31350	7/16"-20 X .875" 12pt Bolt with LH Threads
JESBLT-31400	5/16"-18 X .750" Bolt T45 Torx
JESBRG-20610-2	Bearing, 2-pk, 3/4" O.D. x 9/16" I.D. x 3/4" Long Y-91
JESBRG-20610-4	Bearing, 4-pk, 3/4" O.D. x 9/16" I.D. x 3/4" Long Y-91
JESBRG-20620-2	Bearing, 2-pk, 3/4" O.D. x 9/16" I.D. x 1/2" Long Y-98
JESBRG-20620-4	Bearing, 4-pk, 3/4" O.D. x 9/16" I.D. x 1/2" Long Y-98

JESBLT-21750-32

JESBRG-20610-2

Quick-Connect Fluid Fittings

Disconnect fittings in seconds. Stealth-black aluminum fittings resist leakage, withstand up to 200 PSI, and can handle fuel, oil, or water. Jiffy-Tite 2000, 3000, and 5000 series fittings each offer progressively increased flow and will mate with any socket within the same series. One plug and one socket are required to make a quick-release connection. Fittings listed are valved, unless noted, and are only interchangeable with other valved fittings. ***Notes: Fittings without suffix have black/gold finish. Fittings with "J" suffix are stealth black. "P" suffix identifies push-lock fittings.***

Description	Size	Part No.
2000 Series		
Socket		
Straight Reusable Nut Hose End	-6AN	JFT21606J
Straight Male 37° Hose End	-6AN	JFT21406
Plug		
Straight Reusable Nut Hose End	-6AN	JFT22606J
Straight Hose Barb	-6AN	JFT22506
Straight Female 37° Hose End	-6AN	JFT22306
Straight Male 37° Hose End	-6AN	JFT22406
Male O-Ring Boss Seal, ORB	-6AN	JFT22106
Male NPT	1/8" NPT	JFT22802
Male NPT	1/4" NPT	JFT22804
3000 Series		
Socket		
Straight Reusable Nut Hose End	-6AN	JFT31606J
Straight Reusable Nut Hose End	-8AN	JFT31608J
Straight Female 37° Hose End	-6AN	JFT31306J
Straight Female 37° Hose End	-8AN	JFT31308J
Straight Male 37° Hose End	-6AN	JFT31406J
Straight Male 37° Hose End	-8AN	JFT31408J
Plug		
Straight Reusable Nut Hose End	-6AN	JFT32606J
Straight Reusable Nut Hose End	-8AN	JFT32608J
Straight Female 37° Hose End	-6AN	JFT32306
Straight Female 37° Hose End	-8AN	JFT32308
Straight Male 37° Hose End	-6AN	JFT32406
Straight Male 37° Hose End	-8AN	JFT32408
Male O-Ring Boss Seal, ORB	-6AN	JFT32106
Male O-Ring Boss Seal, ORB	-8AN	JFT32108

Description	Size	Part No.
5000 Series		
Socket		
Straight Female 37° Hose End	-10AN	JFT51310J
Straight Male 37° Hose End	-8AN	JFT51408
Straight Male 37° Hose End	-10AN	JFT51410J
Male O-Ring Boss Seal, ORB	-8AN	JFT51108J
Male NPT	1/2" NPT	JFT51808J
Plug		
Straight Female 37° Hose End	-10AN	JFT52310
Straight Male 37° Hose End	-10AN	JFT52410
Male O-Ring Boss Seal, ORB	-8AN	JFT52108
Male NPT	1/2" NPT	JFT52808
Male NPT	3/4" NPT	JFT52812

Dual-Feed Holley Carburetor Kit

JFT200C1J

Quick connect kit includes (2) sockets, (2) plugs, and (2) aluminum washers. Kit, which incorporates fluorocarbon seals, includes -6AN hose and fuel line along with 7/8"-20 carb adapters. ***Note: Fittings with Buna-N (nitrile) are recommended for alcohol or methanol applications and are available by special order.***

JOES RACING PRODUCTS

Micro Sprint Billet Rear Hubs/Carriers and Rotors

JOES Mini Sprint rear hub/carrier assemblies are machine finished, anodized, and laser-etched for a durable, quality finish. Edges are fully radiused and each carrier is designed for maximum strength with minimum weight. JOES rear hubs are precision broached to ensure they run true for consistent speeds, lap after lap. Combine sprocket and brake rotor carriers with JOES rear brake rotors for a high-quality rear brake/hub assembly.

J0E25675

J0E25680

J0E25685

Part No.	Description
J0E25675	Sprocket Carrier
J0E25680	Quick-Change Sprocket Carrier NEW!
J0E25685	Brake Rotor Carrier

Split Nut for Micro Sprint Hub

JOE25601

Split nut utilizes a cinch bolt system to securely lock down hub at any torque setting.

Micro Sprint Rear Axle Nuts

Axle nuts include standard 1-5/8"-8 thread for most 1-3/4" axles.

Part No.	Description
J0E25696	LH Thread Rear Axle Nut
J0E25697	RH Thread Rear Axle Nut

Torsion Arms for Micro Sprints

Torsion arms reduce flex. Black anodized and laser etched for great looks. Arms fit the popular 7/8" spline.

Part No.	Description
J0E25920-V2	Right Front 12" Torsion Arm
J0E25923-V2	Left Front 13" Torsion Arm
J0E25935	Left Rear 11-1/2" Torsion Arm, Straight

Micro Sprint Aluminum Torsion Stop

JOE25905

Stops are designed to reduce flex. Black anodized finish with laser etching looks cool on any car. Stops fit the popular 7/8" spline found on most mini sprints.

Micro Sprint Steering Components

J0E25636

J0E25640

Part No.	Description
J0E25636	Front Steering Arm
J0E25640	Torrington Thrust Washer

Micro Sprint Motor Mount for 2007-09 Suzuki GSXR600

JOE25890

Everything needed to bolt a 600 engine into a mini-sprint.

Micro Sprint Rear Hub Nut Tool

JOE25698

Features a quick pin to hold your spacers in place. Multiple holes are drilled in the handle to hold any spacer stack in place. The knurled hand grip and JOES quality are built in.

Micro Sprint Split-Cone Axle Spacer Kit

JOE25823

A split-cone spacer set allows you to move the wheel in or out without searching for the right size spacer. Once you have your baseline spacing correct on your axle, simply move the existing spacers from the inside of the wheel to the center of the split cone or vise versa. Comes with (4) 1/4" spacers and (1) 1/2" spacer. Fits 1-3/4" axles.

Micro Sprint Nose Wing Stabilizers

JOE25970

Stabilizers (pair) fit perfectly and include all hardware for easy mounting. Black anodized finish with laser etching for high-tech look.

Micro Sprint Front Nose Wing Posts *JOE25973*

Posts (pair) fit perfectly and include all hardware for easy mounting. Black anodized and laser etched.

10" Wheel Stands

JOE29600

Aluminum 10" wheel stands allow suspension adjustments while the car rests on the wheels. Sold in sets of four.

Micro Sprint Idle Adjuster

JOE25841

This lightweight CNC-machined adjusting knob makes idle adjustments easy. Red anodized, knurled knob is extended for easy reach from the cockpit. Kit includes adjuster with stainless steel idle screw and stainless steel spring.

TSO (Tulsa Shoot Out) Carb Adapters

Precision CNC-machined to perfectly mate carburetors to cylinder head. These billet adapters with O-rings to seal out dirt, and protect and extend engine life. Required to run 600 Restricted class at the Tulsa Shootout. Available for most popular 600 engines. Four pack.

Part No.	Application
JOE25852-TSO	Yamaha, Four Pack
JOE25853-TSO	Suzuki, Four Pack

Micro Sprint 1" Temperature Gauge Fitting *JOE25865*

Specialized fitting attaches to 1" I.D. rubber hose water line or –12AN and includes a threaded port to accept a standard temperature sensor.

Micro Sprint R6 Carb Vents *JOE25845*

Precision machined for easy installation, R6 carb vents incorporate a microcell vent filter system to provide optimal bowl venting and a clean fuel system. Sold in pairs.

Micro Sprint Vent Clamp Filter *JOE12250* NEW!

Vent filter has a 1/2" I.D.

Suzuki GSXR600 -8AN Front Water Housing NEW!

Convert the front inlet coolant line to -8AN, improving coolant flow. Billet aluminum housing may be paired with the JOE42735 port fitting for further improved system efficiency and reduced weight.

Part No.	Description
JOE36010	-8AN Front Water Housing
JOE42735	M22 x 1.5 to -12AN Port Fitting

Micro Sprint Carb Fitting *JOE25847*

High-grade aluminum fitting is a direct replacement for the stock plastic fitting, includes a –6AN fitting to accept the fuel line.

Micro Sprint 7/8" Torsion Bar Bushing *JOE25900* NEW!

Made from durable, bearing quality plastic to keep torsion bars running free and resistant to wear. Bushings are 0.083" wall. Sold in a pack of four.

Micro Sprint Front Axle *JOE25650*

Manufactured from 4130 chrome moly steel. Measures 39-1/2" between kingpin centers.

Micro Sprint Steering Rack *JOE25637-V2* NEW!

Durable, lightweight and serviceable, rack is engineered to delivers years of trouble-free service. Rack features a 12:1 ratio, has a 5/8"-36 input, and combines a rigid 6061-T6 aluminum body, 4130 chrome moly input shaft, and hardened steel heim bracket with the benefits of full ball bearing control. Unit weighs just 2.9 lbs. and includes two external grease zerks to ease maintenance.

Micro Sprint Right Rear Adjustable Birdcage *JOE25874*

Right rear, double-bearing design adjustable birdcage can be adjusted in the smallest increments to help maximize performance. Laser-etched adjustment marks provide easy reference. Birdcage includes proven 5-1/2" center-to-center for maximum forward bite.

Micro Sprint Left Rear Birdcage *JOE25872*

Designed for the left rear of popular mini sprints, birdcage features proven 5-1/2" center-to-center for maximum forward bite. Incorporated zerk fitting allows periodic lubrication.

Micro Sprint Rotors

Manufactured from heat-resistant 1018 steel, rotors are additionally scalloped to reduce weight without sacrificing braking.

Part No.	Description
JOE25791*	Front Brake Rotor, 6-5/8" Dia.
JOE25796	Rear Brake Rotor

**** Fits Joes Racing Products brake caliper.***

Micro Sprint Nylon Chain Guide Block System

Durable chain guide combines a premium nylon guide and rigid aluminum bracket to allow adjustments with the LR tire on the ground. Nylon block splits for easy removal from the chain.

Part No.	Description
JOE25869-B	Nylon Chain Guide Block System
JOE25870-B	Replacement Nylon Chain Guide Block

Micro Sprint #520 Chain Breaker *JOE25701*

Durable, specialized tool allows quick removal and replacement of links on 520 chain.

JOES RACING PRODUCTS

Micro Sprint Chain Guide System
JOE25875-B

Keeps the chain in place, regardless of track conditions. Chain guide system uses sealed bearings and high-quality springs to maintain the optimal tension.

Part No.	Description
JOE25876-B	Replacement Wheels, Pair
JOE25877	Replacement Springs, Pair

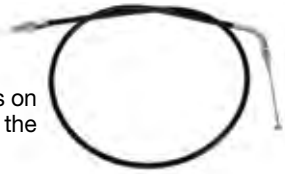
Micro Sprint Case Protector for 2007-Up Suzuki GSXR 600
JOE25883 NEW!

Adds beef right where it is needed to prevent damage from your chain. Save expensive repairs and serious damage to your engine with this easy-to-install protection system. ***Requires modification to existing sprocket cover.***

Micro Sprint Heel Stop
JOE25837

Billet aluminum heel stop helps keep driver's foot comfortable from start to finish. Sold each.

Micro Sprint Outboard Throttle Cable
JOE51566 NEW!



Designed for outboard throttle cable configurations, 36" long cable includes 6mm threads on the engine side and 8mm threads on the pedal side.

Micro Sprint Clutch Cables NEW!

Designed to provide smooth operation and an extended life, premium-quality cables combine an inner nylon sleeve with a black vinyl coil-wound housing. Offered for popular Yamaha and Suzuki applications.

Part No.	Description
JOE51562	1999-2005 Yamaha R6; 2006-09 Yamaha R6S
JOE51564	2008-11 Suzuki GSX-R750/GSX-R600

Micro Sprint/Kart Pedals
JOE25830-B

Machined from billet aluminum and anodized for corrosion resistance, pedal assembly features adjustable leverage points for both the gas and brake to achieve maximum driver comfort.

Roller Wing Post *JOE25980-V2*

Roller design post allows smooth back-and-forth movement of the top wing, eliminating binding and reducing load on the wing slider.

Sprint Bell Crank
JOE26005

Precision-machined billet aluminum bell crank is engineered to work with popular sprint throttle systems. Black anodized for corrosion resistance.

Sprint Wheel Wrench *JOE26351*

Sprint wheel wrench features a two-piece, adjustable handle and a 12-point socket to aid wheel removal. Sold complete with spud and sleeve adapters, wrench breaks down for easy storage.

Fuel Filler Top Plates

J0E13274

Perfect for your mini sprint, sprint car, or any application where you need a top plate for your fuel tank. Cap area features a raised ridge to keep dirt out of your fuel system. A high-flow rollover vent is included. The oversized vent system ensures that your fuel system gets enough air to prevent vapor lock and is designed to meet the fuel needs of your high fuel consumption alcohol motor. Add a nut ring to use the top plate on nearly any tank or bolt it directly on your existing fuel cell bladder.

Part No.	Description
J0E13274	Fuel Top Plate
J0E13288	-10 AN Roll-Over Valve

J0E13288

Freeze Plug Adapter *JOE36200*

Replace freeze plugs in a Chevy block with these adapters to change the flow of water for better cooling.

Jay Stinebach — Photo by: JohnnyB Imagery

Micro Sprint/Suzuki Oil Cap NEW!
JOE25861

CNC-machined, billet 6061 aluminum oil cap has M20 x 1-1/2mm threads and includes a 17mm hex to allow easy removal or installation. Includes an O-ring for positive sealing.

Sprint Car Extended Port Fitting—#6
JOE42050-B

Fittings are perfectly designed for a Sprint Car fuel system. The 3" length moves the AN injector fitting up so maintenance is a snap. Attractive laser-etched, anodized finish. The -6 x -6 SAE O-ring fitting is 3" long.

Oil Pressure Fitting 1/8" NPT x -4AN
JOE42800

Fitting is extended 2-1/4", making it easier to connect the line to an oil pressure gauge. 1/8" NPT to -4AN.

1/8" NPT x -3AN Oil Pressure Fitting
JOE42799

2-1/4" extended length makes for easier oil line connection. 1/8" NPT x -3AN.

Tire Roller JOE32200

Check stagger, sipe, groove, inspect, and clean tires without chasing them all over the pits. Adjust the width for different tire sizes and break it down for easy storage.

Jack Stands

Stackable and easily stored in the trailer or garage, aluminum jack stands are 14" tall. Large feet prevent jack stands from sinking into dirt or asphalt, while top mounted urethane pads prevent car from slipping off. Sold per pair.

Part No.	Description
JOE55500	Natural
JOE55500-B	Black

Tire Tape Measure, 6-Pack
JOE32151

Measure tires accurately with 1/4" x 10' long tire tape. Set of six.

Air Dryer Recharge Kit
JOE32121

For use with compressed air or nitrogen, DRYAIR is a special desiccant formula with a moisture capacity of 2-1/2 times its weight. The most effective humidity control at the track or in the shop. Recharge kit includes 43 cu./in. of desiccant.

DRYAIR Inline Compressed Air and Nitrogen Dryer JOE32120

DRYAIR utilizes a specialized formula of desiccant with the drying capacity of 2-1/2 times its weight. The specialized desiccant creates more surface area, effectively drying air or gas in high-humidity as well as low-temperature conditions. DRYAIR is the most effective humidity control at the track or in the shop. DRYAIR contains 43 cubic inches of desiccant, two 3/8" NPT safety couplers, and two 1/4" NPT industrial air hose fittings. Recharge kits available.

Digital Durometer with Case
JOE56015

Features large, easy-to-read digital display. A hold button holds your reading on the display for easy viewing. A foam-lined case protects your investment. Serious racers that track their durometer readings will appreciate the 0.5 accuracy.

Digital Tread Depth Gauge
JOE56100

Gauge measures to .001" of a inch. Get the job done quickly and accurately at a fraction of the price.

Deluxe Racing Pyrometer
JOE54005

Highly accurate pyrometer is covered with a rubber boot for protection. Backlit display features 1-1/2" tall numbers for easy reading, even at night. Includes compact 90° angled probe for easy access inside fender well and comfortable grip. Max hold feature records the highest number while auto shut-off helps preserve battery life. Includes padded case.

JOES RACING PRODUCTS

Double-End AN Wrench Set
JOE18000

AN wrenches are precision machined from billet 6061-T6 aluminum and are designed to allow tightening or loosening a fitting in as little as 15° increments. Bright anodized, five-piece set includes -6, -8, -10, -12, and -16AN wrenches.

15" Rubber Coated Steering Wheel
JOE13535-CB NEW!

Flat, 15" dia. steering wheel includes a tacky rubber surface that provides the driver with maximum grip. Includes both 3 x 5/16" on a 1-3/4" and 3 x 1/4" on 1-9/16" bolt patterns.

Matador 15" Steering Wheels

These flat 15" diameter wheels are manufactured from 6061-T6 aluminum and fully TIG-welded with wider spokes for greater strength. 1-1/4" diameter grip with evenly spaced finger nubs provides excellent grip and reduces fatigue. Available in raw aluminum or matte black finish. Weighs 1-1/2 lbs.

Part No.	Description
JOE13550-A	Aluminum Finish
JOE13550-B	Matte Black Finish

Lightweight Aluminum Steering Wheels

Aluminum steering wheels, offered in 2-1/2" dish or flat versions, are drilled for lightness and shot peened to enhance grip. Choose from bare, black anodized, or rubber coated.

Size	Bare	Black Anodized	Rubber Coated
2-1/2" Dished Steering Wheels			
13"	JOE13513-A	JOE13513-B	JOE13513-CB
14"	JOE13514-A	JOE13514-B	—
15"	JOE13515-A	JOE13515-B	JOE13515-CB
17"	JOE13517-A	—	—
Flat Steering Wheels			
13”	—	JOE13450	—
14"	—	JOE13534-B	—
15"	JOE13535-A	JOE13535-B	—

Part No.	Description
Related Components	
JOE13600	Steering Wheel Tape
JOE13650	Steering Wheel Pad

JOE13650

Steering Wheel Disconnect
JOE13402

Pinless, spring-loaded billet aluminum disconnect allows quick, easy steering wheel removal. Engineered for use with 5/8" diameter steering columns, disconnect accepts popular, 3-bolt (3 x 1-3/4") pattern steering wheels. Includes splined shaft.

Pro Steering Wheel Quick Release NEW!

Lightweight, billet aluminum quick release pushes over the steel coupling, locking in place, while eliminating the need to pull the large diameter disconnect ring. Meets SFI 42.1 specifications. Offered for a variety of popular steering wheel bolt patterns and steering shaft sizes.

Part No.	Description
JOE13421	3-Bolt Pattern to 5/8" Steering Shaft
JOE13421-G	Grant Steering Wheel to 5/8" Steering Shaft
JOE13422	3-Bolt Pattern to 3/4" Steering Shaft
JOE13422-G	Grant Steering Wheel to 3/4" Steering Shaft

Weld-On Pro Steering Wheel Quick Release Couplers NEW!

Lightweight steel splined coupler is designed for use with Joes SFI-approved Pro Steering Wheel Quick Releases. Weighs just 5.6 oz.

Part No.	Description
JOE13419-625	Welds to 5/8" Steering Shaft
JOE13419-750	Welds to 3/4" Steering Shaft

Steering Wheel Spacers

Spacers are used to optimize steering wheel location and increase driver comfort. Made from lightweight billet aluminum.

Part No.	Description
JOE13310	1" Thick Spacer
JOE13315	1-1/2" Thick Spacer
JOE13320	2" Thick Spacer

Quarter Midget Steering Wheel Quick Disconnect *JOE13405*

Quick-release hub manufactured from aircraft-grade 6061-T6 aluminum. Designed to fit most Quarter Midget and Kart steering shafts.

Tire Purge Tool *JOE32125*

The days of waiting for air to drain are over. Tire purge tool clips on the valve stem and a slide collar opens to release air from tires quickly. An adjustable bleed valve ensures that tires drain automatically to the desired pressure, allowing the tire specialist to work on more than one tire at a time.

Coil-Over Spanner Wrenches

Billet aluminum wrenches prevent knuckle injuries when adjusting coil-overs.

Part No.	Description
JOE33000	Long
JOE33500	Short

Quick-Fill Tire Inflator
JOE32484

Fill tires quickly and accurately. Quick-fill valve assembly is fitted with a large 2-1/2" diameter gauge that features a glow-in-the-dark dial face and 0-60 PSI range. Inflator has an angle chuck installed and also includes a ball-style chuck.

Glow-in-the-Dark Tire Pressure Gauges

Accurately adjust tire pressure, even in dark pit areas. Gauges include air pressure release buttons, 17" ultra-flexible hoses with a chrome swivel-angle chuck, and a separate ball chuck. Standard 2-1/2" gauges are also available with optional hold valve, which freezes readings until pressure is reapplied or released.

Description	Standard 2-1/2" Dia.	Standard with Hold Valve 2-1/2" Dia.
0-15 PSI	JOE32305	—
0-30 PSI	JOE32306	JOE32326
0-60 PSI	JOE32307	—

Digital 0-60 PSI Tire Pressure Gauge *JOE32435*

Top-quality, affordable gauge includes large, easy-to-read numbers and accuracy up to 1%. Gauge reads 0-60 PSI and is sold complete with a JOES tread depth gauge.

Digital Quick-Fill Tire Inflator *JOE32488*

Fill tires quickly with digital accuracy to 1%. Quick-fill assembly is fitted with a digital 0-60 PSI pressure gauge that includes large, backlit numbers. Assembly is fitted with an angle chuck and includes a ball-style chuck.

Quick-Release Canister Mount

Canister mount has a quick-release nylon strap to secure any remote canister from 1-1/2" to 3" dia.

Part No.	Description
JOE19410	Clamps to 1-1/4" Tubing
JOE19412	Clamps to 1-1/2" Tubing
Replacement Components	
JOE19445	Replacement Strap
JOE19450	Replacement Pin

Shock Workstation

Fixture secures body and shaft of a shock absorber to allow easier servicing. May be used in a vise or mounted permanently to a work bench or pit cart with the optional base.

Part No.	Description
JOE19200	Shock Workstation
JOE19250	Shock Workstation Base Only
JOE19075	ShockWrench, Allows Penske Shock Disassembly/Assembly
JOE19300	Drip Cup, Catches Shock Oil When Rebuilding

Side-View Mirrors for Pit Carts

Keep an eye on people with 3" diameter side view mirror. Mounts directly to carts.

JOE11222

Part No.	Description
Side View Mirror	
JOE11212	1-1/2" Clamp-On
JOE11214	1-3/4" Clamp-On
Extended Side View Mirror	
JOE11222	1-1/2" Clamp-On
JOE11224	1-3/4" Clamp-On

Reducer Clamps *JOE13000*

Ideal when relocating a radio box, coil clamp, etc. to 1-3/4" to 1-1/4" diameter tubing. Made from lightweight aluminum.

Aluminum Weld Fittings/Bungs

Ideal for welding to valve covers, dry sump tanks, breather tanks, etc. Sold individually.

Part No.	Description
Female NPT Weld Bungs	
JOE37102	1/8" NPT
JOE37104	1/4" NPT
JOE37106	3/8" NPT
JOE37108	1/2" NPT
JOE37110	3/4" NPT
JOE37112	1" NPT

Description	Male AN	Female AN
AN Weld Fittings		
-10AN	JOE37010	JOE37310
-12AN	JOE37012	JOE37312
-16AN	JOE37016	—

Tool Box Labels *JOE17500*

Great way to keep your tool box organized.

Billet Threaded Heel Stop *JOE25837*

Threaded, 4" wide x 1-1/4" high x 2-3/8" deep heel stop mounts easily to the floor pan with four rivets and allows fine tuning throttle or brake pedal position for maximum comfort and grip. Threaded end has 3/8"-24 threads.

Vent Clamp *JOE12204-G*

Ideal for venting transmissions or rear ends, vent clamps mount directly to 1-3/4" chassis tubing and include a filter to keep out contaminants.

Universal GoPro Mount *JOE60200*

High-quality aluminum mount is designed to swivel and pivot, allowing the GoPro camera to be aimed at the desired angle.

Valve Cover Fasteners

The aluminum fasteners are designed to allow for easy removal of your engine valve covers. The spring ball on the extension holds them so you can easily get them to the stud. 4-pack, black anodized.

Part No.	Description
Aluminum Valve Cover Nut Kit with Studs	
JOE34350	1/4"-20
JOE34352	1/4"-28

JOES RACING PRODUCTS

Quick-Change Gear Cover Fasteners

Made from lightweight billet 7075 aluminum. One-piece design means no washer to smash or mushroom and fall off. Cross-drilled design makes it the lightest cover nut available on the market and also allows for safety wiring. Made in the U.S.A.

Part No.	Description
JOE34358	3/8"-16, 10 Pack
JOE34359	3/8"-16, 2 Pack

Switch Panels

High-quality components featuring 40-amp switches and rubber boots to seal out moisture and dirt. Panels with ignition switch feature an aircraft-style flip cover and rubber-covered starter button.

Part No.	Description
JOE46115	Power Light Indicator, 3-3/8" x 3-1/2"
JOE46120	2 Accessory Switches, 6-5/8" x 3-1/2"
JOE46135	4 Accessory Switch Panel, Indictor Lights, 6-5/8" x 3-1/2"

JOE46115

Weather-Resistant Switch Panels

Assembled using high-quality components and rubberized, sealed switches. Panels include high-capacity, 40-amp ignition switches with aircraft-type covers and 40-amp accessory switches with weatherproof boots.

Part No.	Description
JOE46105	Ignition/Start/Single Accessory
JOE46125	Ignition/Start/Two Accessory

JOE46105

Weather-Resistant Battery Disconnect Switch Panel *JOE46216*

Battery disconnect switch is treated with a special rubber sealant to resist dirt and moisture. Switch includes four terminals and is intended for applications with an alternator. Sold complete with 3-1/8" x 3-1/8" mounting panel and red switch handle.

Switch Panel Brackets

Easily mount switch panels, battery disconnects, etc. to roll cage tubing with these lightweight brackets. Sold in pairs.

Part No.	Description
JOE46172	1-1/2", Pair
JOE46174	1-3/4", Pair

Weather-Resistant Start Button *JOE46101*

Manufactured with a weatherproof boot to protect the heavy-duty front contacts and rubber coating on the back to seal out all dirt and moisture.

On-Off Toggle Switch *JOE46102*

40-amp switch with weather-resistant rubber boot.

Portable Nitrogen Tank *JOE32351-V2*

High-pressure portable nitrogen tank allows filling multiple tires without the worry of having to refill the tank. Tank measures 18" x 5" diameter, holds 1,800 PSI and may be refilled using the included transfer hose. Regulator may be adjusted from 0-150 PSI and includes a hose and safety coupler, allowing attachment of an air chuck or air tools. ***Note: Portable tank may be refilled from a larger tank with less than 1,800 PSI.***

Part No.	Description
Related Component	
JOE32352-H	48" Stainless Transfer Hose, Required for Filling Tank

Micro Sprint Throttle Return Spring Kit *JOE25840-V2* NEW!

Compatible with carbureted or injected applications, kit allows setting the cable length to achieve the desired amount of return spring tension.

Aluminum Nitrogen Tank *JOE32352-T*

Easy to handle and transport, lightweight aluminum tank eases the topping off of tire pressures. Tank is 5-1/4" O.D. x 18" high, weighs just 6.3 lbs. (empty), and can hold up to 14.5 cubic ft. of nitrogen at a maximum of 1,800 PSI.

Pro1 Aluminum Race Jack *JOE55525*

Premium-quality, 3,000-lb. capacity hydraulic jack designed to endure the rigors of short track racing. Made in the USA from premium materials, jack is machined and assembled to exact specifications, thoroughly inspected, and tested prior to shipment. The Pro1 jack weighs just 35 lbs., has a 3-1/2" saddle height, and can achieve 6-1/2" on the first pump, and 17-1/2" by the seventh pump.

Pro1 Jack Dirt Wings *JOE55520*

Engineered specifically for use with the Pro1 aluminum race jack, dirt wings ease jack movement and placement on dirt pit areas. Sold complete with required hardware.

Jack Plate *JOE55518*

When placed on rough concrete, asphalt, or dirt, laser cut, 3/16" aluminum plate allows hydraulic jacks to roll easily underneath the load point of cars, providing smooth, safe lifting in virtually any pit conditions. Plate is 43"L x 17-1/2"W, with mounting holes on all four corners to allow mounting to trailer wall or pit cart.

Micro Sprint Spec Mufflers

Mufflers are designed to provide serviceability and performance, while offering a reduction in decibel levels to Micro Sprints. Fully rebuildable mufflers, offered in 10" and 18" lengths, are machined, fabricated, and welded in-house. A variety of accessory components are available. Additionally ideal for powersports applications.

Part No.	Description
JOE22800	10" Muffler with 1-3/4" Adapter
JOE22801	10" Muffler with 2" Adapter
JOE22802	18" Muffler with 1-3/4" Adapter
JOE22803	18" Muffler with 2" Adapter
Replacement Components	
JOE22800-10	10" Canister
JOE22802-10	18" Canister
JOE22800-7	10" Baffle
JOE22800-PK	10" Repacking Kit
JOE22802-PK	18" Repacking Kit
JOE22800-20	1-3/4" Header Adapter
JOE22801-20	2" Header Adapter
JOE22800-30	45° Exit Pipe
JOE22800-2	Canister Cap

Micro Sprint Engine Shift Arms

CNC-machined from billet 7075 aluminum, one-piece shift arms are exceptionally rigid and eliminate the deflection commonly associated with welded arms. Offered for popular Suzuki GSXR600 or Yamaha R6 engines.

Part No.	Description
JOE25891*	Suzuki GSXR600 Engine Shift Arm
JOE25881	Yamaha R6 Engine Shift Arm

**** Includes shift cable extender and heim joint.***

Quarter Midget Accessoires

Front Hub

Precision CNC-machined billet 6061-T6 aluminum hub incorporates a sealed roller bearing for reduced friction. Designed to fit a 5/8" spindle, black anodized hub has been drilled and tapped 1/4"-28 and 5/16"-18 on a 2-1/2" bolt circle. Hub studs may be purchased separately.

Part No.	Description
JOE25501	Kart Front Hub, Each
JOE25596	Hub Stud Kit, 5/16"-18 x 1-1/4", 12-Pack
JOE25597	Hub Stud Kit, 1/4"-28 x 1-1/4", 12-Pack

Front Hub Spacer Kit *JOE25591*

Special, 5/8" I.D. spacers are machined from billet 6061-T6 aluminum. Kit includes two each of 1/8", 1/4", and 1/2" thick spacers.

Brake Hub *JOE25411*

Precision milled for smooth operation and extended durability. Brake hub has an 1-1/4" I.D. and is black anodized finished.

Quarter Midget Accessoires - Cont.

Rear Hub

Short version rear hub is constructed from precision-machined, billet 6061-T6 aluminum and black anodized for corrosion resistance. Hub has an 1-1/4" I.D. and is drilled and tapped both 1/4"-28 and 5/16"-18 on 2-1/2" bolt circle. Hub studs may be purchased separately.

Part No.	Description
JOE25560	Rear Hub, Each
JOE25596	Hub Stud Kit, 5/16"-18 x 1-1/4", 12-Pack
JOE25597	Hub Stud Kit, 1/4"-28 x 1-1/4", 12-Pack

Kart Sprocket Carrier *JOE25780*

Fits 1-1/4" axle.

Brake Rotor *JOE25410*

Brake rotor is manufactured from premium 1018 steel and features a scalloped design for maximum weight savings without sacrificing braking quality.

Toe Gauge *JOE32615*

Kit includes all of the components required to properly set toe. Billet aluminum toe gauge slips on 5/8" kart spindles and specially incorporated slots are used to secure included tape measures. Sold complete with foam-lined storage case.

Vent Tank *JOE12318*

Compact, fabricated aluminum tank features a barbed hose fitting and drain valve. Incorporated panel mount provides easy installation.

Steering Wheel *JOE13505-B*

Lightweight, 11" diameter black anodized steering wheel is drilled and shot peened to provide a superior grip. Pre-drilled mounting holes ensure a centered steering wheel.

Spoke-Up Steering Wheel Pad *JOE13651*

Designed for steering wheels that feature the center spoke pointing straight up. Secured with Velcro straps. May also be used on Quarter Midget or Kart steering wheels.

Billet Timing Chain Sets

JP Performance billet timing gear sets have induction-hardened crank sprockets for increased life and durability. Most sets have reverse oiler grooves to lubricate the front cam journal face in engines without thrust plates. Timing sets are also available -.005" and -.010" for engines that have been align bored (require reduced center distances).

Description	Standard	-.005"	-.010"
SB Chevy 265-400, Reverse Oiler	JPP5981	—	—
SB Chevy 265-400, Torrington Bearing	JPP5981T	JPP5981T-LB5	JPP5981T-LB10
SB Chevy 265-400, BB Chevy Crank Snout, Torrington Bearing	JPP5630T	—	—
SB Chevy "Rocket Block", Torrington Bearing	JPP5616T	—	—

Challenger Driving Suit

Single-layer driving suit is constructed from quality FR treated cotton and is ideal for entry-level racers. Attractive suit incorporates 360° shoulder gussets and boot-cut legs. Meets SFI 3.2A/1 specifications. Black with white trim, suit is offered in one- or two-piece (jacket and pants) versions.

Size	Part No.
One-Piece Driving Suits	
XXXXXXX-Small	K1R20-CHL-NW-7XS
XXXXXX-Small	K1R20-CHL-NW-6XS
XXXXX-Small	K1R20-CHL-NW-5XS
XXXX-Small	K1R20-CHL-NW-4XS
Small	K1R20-CHL-NW-S
Medium	K1R20-CHL-NW-M
Medium/Large	K1R20-CHL-NW-ML
Large	K1R20-CHL-NW-L
Large/X-Large	K1R20-CHL-NW-LXL
X-Large	K1R20-CHL-NW-XL
XX-Large	K1R20-CHL-NW-2XL
XXX-Large	K1R20-CHL-NW-3XL

Precision II Driving Suit

The Precision II combines an ultra lightweight shell and unsurpassed breathability with the protection found in a SFI 3.2A/5 approved driving suit. One-piece, two-layer suit is constructed from premium 100% Nomex with flat-seam construction, soft knit collar and pre-bent, four-way stretch panels across the back, knee, and crotch for unrestricted movement. Black/red only.

Size	Part No.
Large	K1R20-PR2-NR-L
Large/X-Large	K1R20-PR2-NR-LXL
2 X-Large	K1R20-PR2-NR-2XL
3 X-Large	K1R20-PR2-NR-3XL

Precision II Youth Driving Suit

Sharing the same design and features of the current Precision II but in youth sizing. Double-layer, one-piece driving suit is constructed from lightweight, premium quality Aramidic material. Suit includes 360° full floating sleeves and four-way stretch panels across the back, knees, and crotch for a full range of motion. Meets SFI 3.2A/5 specifications. Offered in black/grey, black/blue, or black/red.

Size	Black/Grey	Black/Blue	Black/Red
7 X-Small	K1R20-PRY-NG-7XS	K1R20-PRY-NB-7XS	K1R20-PRY-NR-7XS
6 X-Small	K1R20-PRY-NG-6XS	K1R20-PRY-NB-6XS	K1R20-PRY-NR-6XS
5 X-Small	K1R20-PRY-NG-5XS	K1R20-PRY-NB-5XS	K1R20-PRY-NR-5XS
4 X-Small	—	K1R20-PRY-NB-4XS	K1R20-PRY-NR-4XS
3 X-Small	K1R20-PRY-NG-3XS	K1R20-PRY-NB-3XS	K1R20-PRY-NR-3XS
2 X-Small	K1R20-PRY-NG-2XS	K1R20-PRY-NB-2XS	K1R20-PRY-NR-2XS
X-Small	—	K1R20-PRY-NB-XS	K1R20-PRY-NR-XS

Victory Driving Suit

Single-layer driving suit is manufactured from Proban-treated cotton for superior fire protection and exceptional breathability. One-piece suit incorporates full, 360° arm gussets and a crotch stretch panel that allow a full range of movement. Velcro closures at belt and collar, combined with boot-cut legs, help provide a custom appearance. Meets SFI 3.2A/1 specifications. Black/gray only.

Size	Part No.
Small	K1R20-VIC-N-S
Medium	K1R20-VIC-N-M
Medium/Large	K1R20-VIC-N-ML
Large	K1R20-VIC-N-L
Large/X-Large	K1R20-VIC-N-LXL
X-Large	K1R20-VIC-N-XL
2 X-Large	K1R20-VIC-N-2XL
3 X-Large	K1R20-VIC-N-3XL

Triumph 2 Driving Suit

Versatile, single-layer Triumph 2 driving suit is great for a variety of racing classes including dirt, oval, and road racing. Suit meets stringent SFI 3.2A/1 specifications, and features shoulder gussets and flexible elastic waist to allow a full range of motion. Offered in one- or two-piece versions in black/white only.

Size	Part No.
One-Piece Driving Suits	
5 X-Small	K1R20-CHL-NW-5XS
4 X-Small	K1R20-CHL-NW-4XS
Small	K1R20-CHL-NW-S
Medium	K1R20-CHL-NW-M
Medium/Large	K1R20-CHL-NW-ML
Large	K1R20-CHL-NW-L
Large/X-Large	K1R20-CHL-NW-LXL
2 X-Large	K1R20-CHL-NW-2XL
3 X-Large	K1R20-CHL-NW-3XL

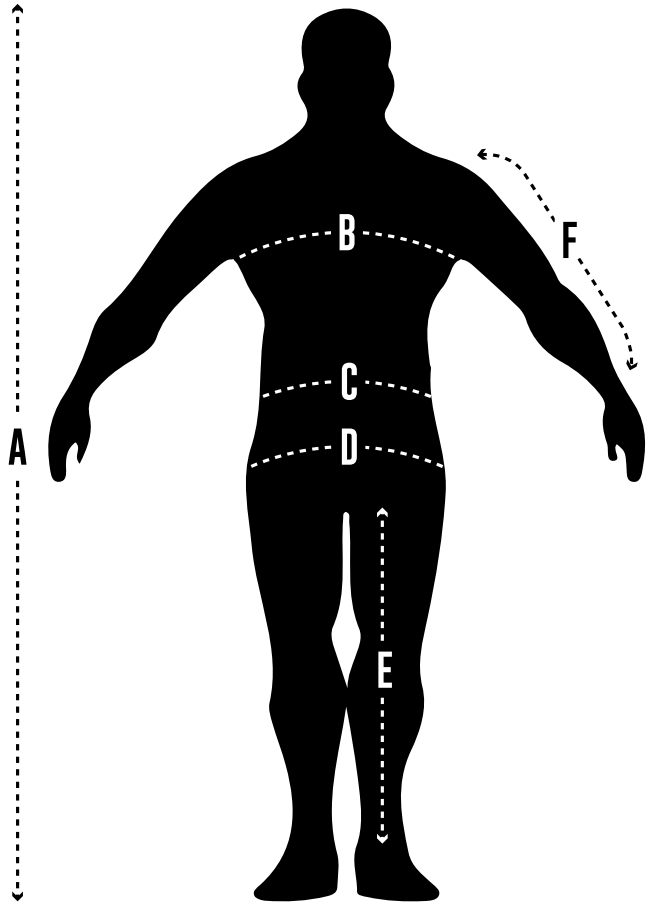
Size	Jacket
Two-Piece Driving Suits	
Jacket	
6 X-Small	K1R21-CHL-NW-6XS
2 X-Small	K1R21-CHL-NW-2XS
X-Large	K1R21-CHL-NW-XL
Pants	
3 X-Small	K1R22-CHL-NW-3XS
Medium	K1R22-CHL-NW-M
Large	K1R22-CHL-NW-L
Large/X-Large	K1R22-CHL-NW-LXL
2 X-Large	K1R22-CHL-NW-2XL
3 X-Large	K1R22-CHL-NW-3XL

Sportsman Two-Piece Driving Suit

Double-layer, two-piece Sportsman driving suit is versatile for a wide range of motorsports and features unique styling. A lightweight Nomex outer shell is combined with a soft knit Nomex inner lining for superior protection. Full-floating 360° arms, boot-cut legs, ribbed arm cuffs, and adjustable waistline add comfort. Meets 3.2A/5 SFI specifications. Jacket and pants are offered in black/blue, black/red, or black/white.

Size	Black/Blue	Black/Red	Black/White
Jacket			
Large	K1R21-SPT-NB-L	—	K1R21-SPT-NW-L
Large/X-Large	K1R21-SPT-NB-LXL	—	—
X-Large	K1R21-SPT-NB-XL	K1R21-SPT-NR-XL	K1R21-SPT-NW-XL
XX-Large	—	K1R21-SPT-NR-2XL	K1R21-SPT-NW-2XL
Pants			
Medium	K1R22-SPT-NB-M	K1R22-SPT-NR-M	K1R22-SPT-NW-M
Large	K1R22-SPT-NB-L	K1R22-SPT-NR-L	K1R22-SPT-NW-L
Large/X-Large	—	—	K1R22-SPT-NW-LXL
X-Large	K1R22-SPT-NB-XL	K1R22-SPT-NR-XL	K1R22-SPT-NW-XL
XX-Large	K1R22-SPT-NB-2XL	—	K1R22-SPT-NW-2XL

A	Height and Weight
B	Chest at Widest (Measure Around Chest with Arms Down)
C	Waist
D	Hips (At Widest Point)
E	Inseam (Crotch Seam to Ankle Bone)
F	Shoulder to Wrist (Arms Straight Out in Front of You)



Size	Euro	Height	Weight	Chest	Waist	Hips	Inseam	Sleeve
Suit Measurements								
7XS	20	3'7" - 4'1"	45-60	28"	27"	27"	20"	17"
6XS	24	4'1" - 4'3"	60-75	31"	28"	29"	22"	17"
5XS	28	4'4" - 4'6"	75-85	32"	28"	29"	23"	18"
4XS	32	4'7" - 5'0"	85-95	33"	30"	31"	25"	19"
3XS	36	5'1" - 5'3"	95-105	35"	31"	31"	26"	20"
2XS	40	5'3" - 5'4"	105-115	37"	33"	33"	27"	20"
XS	44	5'4" - 5'5"	115-125	39"	35"	36"	28"	21"
S	48	5'5" - 5'7"	125-140	41"	36"	38"	29"	22"
M	52	5'7" - 5'10"	140-150	45"	39"	39"	29"	22"
M/L	54	5'10" - 6'0"	150-165	46"	40"	41"	30"	22"
L	56	5"10" - 6'0"	160-180	46"	41"	42"	30"	22"
L/XL	58	5'11" - 6'1"	175-190	47"	42"	43"	32"	23"
XL	60	6'2" - 6'4"	185-205	47"	42"	43"	32"	23"
2XL	64	6'4" - 6'6"	215-235	48"	43"	44"	34"	24"
3XL	68	6'6" - 6'8"	250-275	49"	43"	45"	35"	25"

Flex Glove

Manufactured from premium lightweight bonded Nomex, double-layer Flex gloves use seamless, pre-curved palms and fingers combined with fire-resistant silicon for increased comfort and grip. Gloves meet both SFI 3.3/5 and FIA 8856-2000 specifications. Choose from red/gray, black/fluorescent yellow, black/fluorescent blue, black/fluorescent green, or white.

Size	Part No.
Black/Fluorescent Yellow	
Medium	K1R23-FLX-NFY-M
Large	K1R23-FLX-NFY-L
X-Large	K1R23-FLX-NFY-XL
Black/Fluorescent Blue	
Small	K1R23-FLX-NFB-S
Medium	K1R23-FLX-NFB-M
Large	K1R23-FLX-NFB-L
Black/Fluorescent Green	
Small	K1R23-FLX-NFV-S
Medium	K1R23-FLX-NFV-M
Large	K1R23-FLX-NFV-L
X-Large	K1R23-FLX-NFV-XL
White	
Small	K1R23-FLX-W-S
Medium	K1R23-FLX-W-M
Large	K1R23-FLX-W-L
X-Large	K1R23-FLX-W-XL

Track 1 Glove

The Track 1 is among the highest quality, two-layer Nomex gloves currently available. Gloves use pre-curved fingers and palms combined with minimally stitched external seams for maximum comfort. Meet stringent SFI 3.3/5 specifications. Offered in black, red, or blue.

Size	Part No.
Black	
Youth XXXX-Small	K1R23-TR1-N-4XS
Youth XXX-Small	K1R23-TR1-N-3XS
Youth XX-Small	K1R23-TR1-N-2XS
Youth X-Small	K1R23-TR1-N-XS
Small	K1R23-TR1-N-S
Medium	K1R23-TR1-N-M
Large	K1R23-TR1-N-L
X-Large	K1R23-TR1-N-XL
Red	
Large	K1R23-TR1-R-L
X-Large	K1R23-TR1-R-XL
Blue	
Youth XX-Small	K1R23-TR1-B-2XS
Medium	K1R23-TR1-B-M
Large	K1R23-TR1-B-L
X-Large	K1R23-TR1-B-XL

Flight Glove

Ultra-lightweight Nomex gloves utilize a pre-curved and ergonomically designed palm and finger design that is combined with a proprietary anti-slip texture on the inner palm resulting in unsurpassed comfort and feel. Double-layer gloves meet both FIA and SFI 3.3/5 standards. Offered in black/fluorescent orange, black/fluorescent yellow, black/red, or white.

Size	Part No.
Black/Fluorescent Orange	
Small	K1R23-FLT-NFO-S
Medium	K1R23-FLT-NFO-M
Large	K1R23-FLT-NFO-L
X-Large	K1R23-FLT-NFO-XL
XX-Large	K1R23-FLT-NFO-XXL
Black/Fluorescent Yellow	
Small	K1R23-FLT-NFY-S
Medium	K1R23-FLT-NFY-M
Large	K1R23-FLT-NFY-L
X-Large	K1R23-FLT-NFY-XL
XX-Large	K1R23-FLT-NFY-XXL
Black/Red	
Small	K1R23-FLT-NR-S
Medium	K1R23-FLT-NR-M
Large	K1R23-FLT-NR-L
X-Large	K1R23-FLT-NR-XL
XX-Large	K1R23-FLT-NR-XXL
White	
Small	K1R23-FLT-WG-S
Medium	K1R23-FLT-WG-M
Large	K1R23-FLT-WG-L
X-Large	K1R23-FLT-WG-XL
XX-Large	K1R23-FLT-WG-XXL

Flex Undershirt and Underpants

Made from a super-lightweight blend of 50% Nomex and 50% natural viscose fibers, innovative Flex undergarments deliver superior flame resistance and unparalleled protection against heat transfer. Undergarments meet both SFI 3.3/5 and FIA 8856 specifications. Black only.

Size	Part No.
Undershirt	
Medium	K1R26-FUS-N-M
Large	K1R26-FUS-N-L
Underpants	
Medium	K1R26-FUP-N-M
Large	K1R26-FUP-N-L

Precision Undershirt and Underpants

Durable, soft knit undergarments offer comfort and an additional layer of protection. Undershirts are offered in long- or short-sleeve versions. Long-sleeve undershirt and underpants meet SFI 3.3 specifications. Black only.

Size	Part No.
Long Sleeve Undershirt	
XXX-Small	K1R26-PLS-N-3XS
Medium	K1R26-PLS-N-M
Large	K1R26-PLS-N-L
X-Large	K1R26-PLS-N-XL
Short Sleeve Undershirt	
XXXXX-Small	K1R26-PSS-N-5XS*
XXXX-Small	K1R26-PSS-N-4XS*
Large	K1R26-PSS-N-L*
X-Large	K1R26-PSS-N-XL*
Underpants	
Medium	K1R26-PRP-N-M
Large	K1R26-PRP-N-L
XX-Large	K1R26-PRP-N-2XL

**** Short sleeve undershirts do NOT meet SFI specifications.***

Challenger Driving Shoe

Designed to meet the demanding conditions of motorsports, suede/Nomex shoes are lightweight and comfortable due to an ergonomic design. Precise laser-cut vent holes increase breathability and comfort. Meets SFI 3.3/5 specifications. Black only.

Size	Part No.
4	K1R24-CHL-N-4
5	K1R24-CHL-N-5
5-1/2	K1R24-CHL-N-55
6	K1R24-CHL-N-6
6-1/2	K1R24-CHL-N-65
7	K1R24-CHL-N-7
7-1/2	K1R24-CHL-N-75
8	K1R24-CHL-N-8
8-1/2	K1R24-CHL-N-85
9	K1R24-CHL-N-9
9-1/2	K1R24-CHL-N-95
10	K1R24-CHL-N-10
10-1/2	K1R24-CHL-N-105
11	K1R24-CHL-N-11
11-1/2	K1R24-CHL-N-115
12	K1R24-CHL-N-12
13	K1R24-CHL-N-13
14	K1R24-CHL-N-14

Pit Crew Shoe

A pit shoe that meets SFI 3.3/5 standards, while offering exceptional durability and comfort. Shoes feature a heavy-duty radius toe guard and double anchored Velcro ankle strap for improved fit. Black only.

Size	Part No.
6	K1R24-PIT-N-6
8	K1R24-PIT-N-8
8-1/2	K1R24-PIT-N-85
9	K1R24-PIT-N-9
9-1/2	K1R24-PIT-N-95
10	K1R24-PIT-N-10
10-1/2	K1R24-PIT-N-105
11	K1R24-PIT-N-11
11-1/2	K1R24-PIT-N-115
12	K1R24-PIT-N-12
13	K1R24-PIT-N-13

GTX-1 Driving Shoe

Mid-top driving shoe, constructed with soft calf-skin leather, features strategically located vents for unsurpassed cooling and comfort. The special built-in Achilles Flex Zone helps provide increased mobility and pedal sensitivity. Shoes meet SFI 3.3/5 specifications, and are offered in black/gray, red/gray, or black/white.

Size	Part No.
Black/Gray	
6	K1R24-GTX-N-6
7-1/2	K1R24-GTX-N-75
9	K1R24-GTX-N-9
9-1/2	K1R24-GTX-N-95
10	K1R24-GTX-N-10
10-1/2	K1R24-GTX-N-105
11	K1R24-GTX-N-11
12	K1R24-GTX-N-12
13	K1R24-GTX-N-13
14	K1R24-GTX-N-14
Red/Gray	
10	K1R24-GTX-R-10
12	K1R24-GTX-R-12
Black/White	
10	K1R24-GTX-W-10
12	K1R24-GTX-W-12
14	K1R24-GTX-W-14

Nomex Socks

Light and comfortable, fire-resistant Nomex socks keep feet clean and dry. Meets SFI 3.3 standards. White or black.

Description	Part No.
Black	
Youth	K1R26-NSO-N-Y
Small/Medium	K1R26-NSO-N-SM
White	
Youth	K1R26-NSO-W-Y
Small/Medium	K1R26-NSO-W-SM
Large/X-Large	K1R26-NSO-W-LXL

Single-Layer Nomex Head Sock

K1R17-FPP-N

One-size-fits-all head sock meets SFI 3.3/5 specifications. Black only.

Flex Balaclava

K1R26-FHS-N

Balaclava combines 50% Nomex and 50% natural viscose fibers to provide increased fire protection and improved breathability. Meets SFI and FIA standards. Offered in black only.

Nomex Headsock

Comfortable and cool while providing an extra layer of protection, headsocks are offered in single- or double-layer versions. Meets SFI and FIA specifications. Choose from black or white.

Part No.	Color
Single Layer	
K1R26-SLH-N	Black
K1R26-SLH-W	White

Assembly for Midget

Part No.	Description
KNR100-8570	6" Kit
KNR100-8576	4" Kit

Air Filter Oil and Cleaner

K&N air filter oil is formulated for superior air filtration when used with K&N filters. Biodegradable air filter cleaner will clean K&N filter elements.

Part No.	Description
KNR99-5000	Recharger Kit (6.5-oz. Oil and 12-oz. Cleaner)
KNR99-5050	Recharger Kit (8-oz. Oil and 12-oz. Cleaner)
KNR99-0504	6-oz. Air Filter Oil, Aerosol
KNR99-0516	12-oz. Air Filter Oil, Aerosol
KNR99-0533	8-oz. Air Filter Oil, Squeeze Bottle
KNR99-0606	12-oz. Air Filter Cleaner, Squirt
KNR99-0621	32-oz. Air Filter Cleaner, Squirt
KNR99-0635	1 Gallon Air Filter Cleaner

Composite Air Box Assembly for Sprint Car

Durable and lightweight, K&N's Generation 2 carbon fiber air boxes are a must for any Sprint car currently using traditional multi-Siamese stacks. Constructed from ultra-lightweight carbon fiber, these filters provide ample airflow for your racing needs. They come with air horn seals to provide better sealing and easy installation. As with all K&N air filters, Generation 2 carbon fiber air boxes are washable and reusable. Simply use K&N cleaner and oil to service your filter.

Part No.	Description
KNR100-8559	6" Air Box Assembly
KNR100-8593	4" Air Box Assembly
Replacement Components	
KNR100-8564	Air Filter Only, 6" Tall
KNR100-8590	Air Box Solid Base Only
KNR100-8591	Air Filter Only, 4" Tall
KNR85-83897	4" Clips, 6-Pack
KNR85-83893	6" Clips, 6-Pack

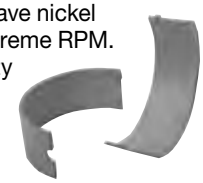
HIGH PERFORMANCE BEARINGS

Alecular Pro Series Bearings

Designed for use with aftermarket crankshafts, Alecular Pro Series Bearings use an alloy of aluminum, tin, and copper-plus bonded to a steel back to compensate for distortion and misalignment. Specify size (Standard, -.010", -.020" or -.030") when ordering.

Rod Bearings	Description	Main Bearings	Description
SB Chevy, 305-350, 1967-99			
KEBCR807HPND	With Dowel Hole	KEBMB557HP	Fully Grooved
KEBCR807HPN	Without Dowel Hole	—	—
SB Chevy, 400, 1970-80			
KEBCR807HPND	With Dowel Hole	KEBMB509HP	Fully Grooved
KEBCR807HPND	With Dowel Hole	—	—
KEBCR807HPN	Without Dowel Hole	—	—

Xtreme Performance Tri-Lecular Bearings



Tri-metal, enhanced copper-lead bearings have nickel barrier plating to withstand high loads and extreme RPM. Multi-layer adhesion process improves stability between top and intermediate layers. Large, chamfered oil holes, 3/4 grooving, and a narrow design make Xtreme main bearings compatible with large radii crankshafts. Rod bearings have 45° chamfers on the crank side for increased radial clearance. Specify size (Standard, -.010", -.020" or -.030") when ordering. Most applications are offered specially coated for improved durability; please add "**C**" to end of part number suffix to specify coated bearings.

Rod Bearings	Description	Main Bearings	Description
SB Chevy,305-350, 1967-99			
KEBCR807XPNC*	Without Dowel Hole	KEBMB557XPC*	3/4 Grooved
SB Chevy, 400, 1970-80			
KEBCR807XPN	Without Dowel Hole	KEBMB509XP	—
**** Coated***			

Keizer Aluminum Wheels, Inc.

From Jr. Sprints to 410's, uprights to sidewinders, TQ's to midgets and beyond, Keizer offers wheels for them all. Available in diameters from 8" to 15", in old styles and new. All have cold-forged billet centers and the ability to outperform with regard to strength and weight.

10" Mini Sprint Aluminum Wheels

Part No.	Size	Spline	Back Spacing	Bead-Loc
10" Direct Mount Wheels				
KAW1073BC	10" x 7"	N/A	3.00"	None
KAW1073BLBC	10" x 7"	N/A	3.00"	Beadlock
KAW1074BLBC	10" x 7"	N/A	4.00"	Beadlock
KAW1083BLBC	10" x 8"	N/A	3.00"	Beadlock
10" Splined Wheels				
KAW10104SP	10" x 10"	27	4.00"	None
KAW10114SPBL	10" x 11"	27	4.00"	Beadlock
KAW10126SPBL	10" x 12"	27	6.00"	Beadlock
KAW10135SPBL	10" x 13"	27	5.00"	Beadlock

15" Sprint Aluminum Wheels

Part No.	Size	Spline	Offset	Bead-Loc
15" Direct Mount				
KAW1584BC	15" x 8"	N/A	3.00"	None
KAW1585BC	15" x 8"	N/A	4.00"	None
KAW1585BCBL	15" x 8"	N/A	4.00"	Outer
KAW1594BC	15" x 9"	N/A	4.00"	None
KAW1595BC	15" x 9"	N/A	3.00"	None
15" Splined Wheels				
KAW15156SPIBL	15" x 15"	42	5.00"	Inner
KAW15157SPIBL	15" x 15"	42	6.00"	Inner
KAW15177SPBCBL	15" x 17"	42	6.00"	Outer
KAW15178SPBCBL	15" x 17"	42	7.00"	Outer
KAW15187SPBCBL	15" x 18"	42	6.00"	Outer

10" Mini Sprint Wheel Accessories

Part No.	Description
10" Splined Wheel Centers	
KAW175SPLN	10" Wheel Center
10" Replacement Beadlocks, Covers, and Bolts	
KAW10MC	10" Mud Cover

KAWM175SPLN

15" Sprint Wheel Accessories

Part No.	Description
15" Replacement Parts and Hubs	
KAW15120	15" Front Hub Cap Bearing
KAWSSEAL	15" Front Hub Seal
15" Replacement Beadlocks, Covers and Bolts	
KAW15MC	15" Mud Cover, Formed
KAW15BLRING	15" Beadlock Ring
KAW15BLRING/C	15" Beadlock Ring And Cover

KW2 Quarter Midget Wheels

Lightweight 6061 aluminum wheels feature the same high-quality construction that Keizer provides to pro teams. Offered in natural polished finish, KW2 wheels have the perfect roll-out and optimized strength that all Keizer wheels are known for. Wheels are offered with .125" or .160" wall rim shells.

Description	Part No.
Polished	
5 x 5, 3" B.S., .125" Rim, Left	KAW553
5 x 5.5, 3" B.S., .125" Rim, Left	KAW5553
5 x 6, 3" B.S., .125" Rim, Left Rear	KAW563
6 x 6, 4" B.S., .125" Rim, Right Front	KAW664
6 x 8, 4" B.S., .160" Rim, Right Rear	KAW684
6 x 8.5, 4" B.S., .160" Rim, Right Rear	KAW6854

TECH TIP

Ordering Replacement Parts

Sprint example:

15x15x5 Off = 6" inner 9" outer
15x15x6 Off = 7" inner 8" outer
15x8x4 Off DM = 3" outer 5" inner

Sprint example (2):

15x18x5 Off = 6" inner 12" outer
15x17x6 Off =7" inner 10" outer

Midget example:

13x8x4 Off DM = 3" outer 5" inner
13x8x3 Off DM = 4" outer 4" inner
13x12x1 Off = 10" outer 2" inner

SB Chevy Claimer Oil Pan

Designed exclusively for Claimer engines, affordable circle track oil pan incorporates two gates and a crank scraper to deliver effective oil control. Six-quart capacity pan is 7-1/4" deep and includes a 1" inspection fitting.

Part No.	Description
KEV1086	Pre-1980 Blocks with LH Dipstick
KEV1086NRH	1986-Up Blocks with RH Dipstick
Pickup Required:	
KEV1001	When Using Melling M55, M55A, 10553 Oil Pumps
KEV1001-13/4	When Using Melling M155, 10554 Oil Pumps
KEV1002	When Using Melling M55HV, 10550 Oil Pumps
KEV1002-3/4	When Using Melling M155HV, 10551 Oil Pumps

SB Chevy Box-Style Oil Pan

Large, box-style oil pan utilizes a full-length power pouch on the right side that is combined with a removable windage tray, oil control baffles, and ten oil control gates for unsurpassed oil control. Pan is 7-1/4" deep, has a 9-qt. capacity and accepts Tilton-style mini starters in the OEM location.

Part No.	Description
KEV1096	Pre-1980 Blocks with LH or RH Dipstick
Pickup Required:	
KEV1003	When Using Melling M55, M55A, 10553 Oil Pumps
KEV1003-3/4	When Using Melling M155, 10554 Oil Pumps
KEV1005	When Using Melling M55HV, 10550 Oil Pumps
KEV1005-3/4	When Using Melling M155HV, 10551 Oil Pumps
KEV1005-10555	When Using Melling 10555, 10552 Oil Pumps

Power Steering Tanks

Fully fabricated aluminum tanks include a -10AN fitting on the bottom for a feed line and -6AN return fitting on the right or left side. Sold complete with choice of vented or O-ring sealed cap and necessary mounting hardware.

Part No.	Description
Left Side Return	
KEVK9087-LH	Sealed Cap
KEVK9087-LH	Vented Cap
Right Side Return	
KEVK9087-RH	Sealed Cap
KEVK9087-RH	Vented Cap

SB Chevy Aluminum Box-Style Oil Pan

Fully fabricated aluminum box-style oil pan is 7-1/4" deep with a 9-qt. capacity, and features billet ends and railing for positive sealing. Pan incorporates a removable windage tray, circle track-style gating, oil level plug, and temperature fitting. Requires a reverse mount starter. Pan installs with no gasket (use silicone).

Part No.	Description
KEV1097A	LH or RH Dipstick, Two-Pc. Rear Main Seal
Pickup Required:	
KEV1003	When Using Melling M55, M55A, 10553 Oil Pumps
KEV1003-3/4	When Using Melling M155, 10554 Oil Pumps
KEV1005	When Using Melling M55HV, 10550 Oil Pumps
KEV1005-3/4	When Using Melling M155HV, 10551 Oil Pumps
KEV1005-10555	When Using Melling 10555, 10552 Oil Pumps

SB Chevy Lifter Valley Baffle

KEVK9095

Constructed from lightweight, precision-machined aluminum, lifter valley baffle not only keeps hot oil off the bottom of the intake manifold, but also keeps the lifters in their bores, preventing loss of oil pressure in the event of pushrod or rocker arm failure.

Chase Ridenour Photo by: JohnnyB Imagery

Sprint Car Titanium King Pin with Cap
KRP4098

Machined to perfection from AL64V titanium. The outer diameter is .859". Sold each.

Ultralite Tubular King Pin

King pins are machined from 4340 chrome moly with a flange on one end so only one billet aluminum cap needs to be included.

Part No.	Description
KRP1325	King Pin Cap
KRP1335	Thrust Kit, Four Washers and Two Bearings

Super Bird Cages
KRP1700

One-piece T6 aluminum alloy bird cages are the strongest and lightest available. Black powder coated and fitted with Grade 8 hardware. Sold in pairs.

50" Sprint Car Front Axle *KRP1000*

Manufactured from .095" wall 2-1/2" diameter chrome moly material and jig welded. Features precise king pin fit, threaded shock mounts, gusseted shock mounts, and dimpled axle brackets for added Heim joint clearance. 8-1/2° left front and 12° right front king pin angle.

Billet Rear Torsion Arms

Among the strongest, most durable rear torsion arms currently available. Arms are manufactured from rigid billet aluminum and atomically broached for maximum performance and durability. Right rear arm is completely straight, preventing flex, while the left rear has a slight offset to allow clearance for the left rear tire.

Part No.	Description
KRP1190	Left Rear Torsion Arm
KRP1195	Right Rear Torsion Arm

Billet Front Torsion Bar Stops

Made in the USA, billet torsion stops are machined from 2024 aluminum or hardened steel. Aluminum stops are available with 1-3/4" or 2" splits; steel versions have 1-3/4" splits.

Part No.	Description
KRP1145	Billet Aluminum Torsion Stop, 1-3/4" Split
KRP1147	Steel Torsion Stop, 1-3/4" Split

Aluminum Front Torsion Arms

King torsion arms have been designed to eliminate the performance-robbing flex that is common to most front torsion arms on the market. Made of the finest American aluminum, the arms are available in three configurations: traditional, angle broached, and "S" style. All are atomically broached.

Part No.	Description
KRP1125	Left Front Torsion Arm, "S" Style, Black Anodized
KRP1135	Right Front Torsion Arm, Angle Broached, Black Anodized

Billet Combo Steering Arm
KRP1305

The strongest, lightest combo steering arm on the market, this fully radiused 6061-T6 aluminum arm is black anodized and machined to perfection with the forward drag link hole located 1" farther forward for better turning radius.

Billet Right Front Steering Arm
KRP1315

A direct match for the combo steering arm, black anodized aluminum right front arm is designed with two things in mind: optimal weight savings and maximum strength.

Aluminum Left Front Caliper Mounts and Bolts

KRP2410

2024 aluminum alloy mounts are machined with an arched bridge to keep the caliper true and straight for maximum braking power. Available for 10" and 11" rotors.

Part No.	Description
KRP2410	10" Rotor
KRP2415	11" Rotor
KRP1270	Rotor Bolts

Titanium Caliper Bolts
KRP4089

These aircraft-grade titanium bolts are a great way to save weight on the left front of a sprint car. 1/2-20 x 2". Sold 2 per package.

Aluminum Brake Line Coupling
KRP2434

Manufactured from billet aluminum, this -3AN coupling allows the user to disconnect and connect the brake line without getting any air in the brake system. Hard-anodized for protection and featuring ethylene-propylene seals which are designed to last a lifetime.

Chrome Moly Bolt-On Shock Tower Mount *KRP2355*

Designed for a bolt-on shock tower that is universal and is equipped to withstand the hardest crashes and roughest tracks. The 4130 chrome moly design is completely jig-welded and easily installs in minutes. If you have ever been in a crash and ripped off a welded shock tower, this is the item you need to fix it and keep on racing. Every race team should have a pair of these in the trailer or tool box. They pay for themselves the first time you use them. Universal design works on either the right or left front.

Super Flex Floating Front Motor Plate *KRP1505*

The floating front motor plate is made of billet aluminum and designed to pivot so the chassis can flex and drive harder off the rear tires. Two tapered Allen head bolts mount the rear horseshoe to the engine and two aluminum 3/8" spacers take up the offset from the horseshoe. A 4130 spherical bearing eliminates binding and black anodizing adds protection.

Billet Aluminum Solid Front Motor Plate *KRP1500*

Black anodized plate is made from 6061 aluminum.

Thermal Hood Blanket *KRP2610*

There is nothing harder on a motor than running it cold. This thermal hood blanket will help keep your motor up to racing temperature and protect that expensive engine. Installs in seconds.

Black Magic 12LT Pro Magneto *KRPING7908-BLK*

Every Black Magic magneto is fully blueprinted. This blueprinting process includes extensive CNC machining, hours of calibration, and special proprietary wiring which includes an external ground loom with water-tight connectors. Exact detail and assembly procedure is accomplished using zero-tolerance billet set-up fixtures.

Black Magic Spark Box *KRPING8106-BLK*

This 8106 MSD-designed spark box is completely disassembled, powder coated black, blueprinted, and reassembled for optimal performance. Uses all the same mounting hardware as the standard red MSD box.

Sprint Car Spark Plug Wire Set *KRPING31549ING*

Designed to be used exclusively on Sprint Cars equipped with a Pro Mag 12LT magneto. These low-resistance 8.5mm wires feature heavy-duty glass braid, helically wound center core, double-crimp stainless ends, and high-temperature silicone boots. Manufactured to run under the headers and tight to the cylinder head. Black only.

E-Z View Timing Window *KRP2122*

Tired of always trying to set the timing on your motor and having to look through that scratched up plastic window or having to take it off? Well here's the fix to all those problems, the E-Z View Timing Window is machined from billet 6061 aluminum and has an easily removable -6AN O-ring plug.

Freeze Plug Kit with Return Ports *KRP2135*

Oil Pressure Line Kit and Fitting

Part No.	Description
KRP2175	Oil Pressure Line Kit
KRP2176	Oil Pressure Fitting

Honeycomb Radiator Protector *KRP2620*

Eliminate the problem of bent radiator fins with King's honeycomb radiator protector. All the top Outlaw teams rely on this piece to keep radiators doing what they are designed to do: cooling expensive race engines. The protector also makes clean-up of the radiator an easy proposition: just remove, hose it off, and reinstall.

Part No.	Description
Related Component	
KRP2625	Honeycomb Radiator Protector Mounts, Sold in Pairs

Quick-Release Muffler Clamps

Precision CNC-machined from stainless steel, exhaust rings are easily welded to any 3-1/2" diameter collector. Lightweight exhaust clamps include a low-profile design for easy installation or removal.

Part No.	Description
KRP2110	Exhaust Clamp
KRP2115	Exhaust Ring

Chrome Moly Tubular Throttle Pedal *KRP2075*

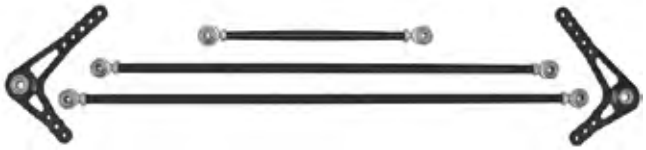
Pedals are constructed from 4130 chrome moly and precision heli-arc jig welded. Designed to eliminate flex, pedals provide optimal driver feel and comfort. Available for standard or raised rail cars.

Cross Shaft Throttle Linkage Kit *KRP2000*

Kit includes (2) pillow blocks installed on bridge of injector, (2) center throttle arms, (2) fully adjustable turnbuckles with aluminum Heims, 3/8" stainless cross shaft, 3/8" throttle arm, and an idle adjustment stop.

Ultimate Bell Crank Throttle Linkage Kits

The King throttle linkage kit relies on two billet aluminum bell cranks with plenty of adjustment holes to get the linkage geometry just right. Swaged radius rod links have right, and left-hand threads for maximum adjustment.



Part No.	Description
Ultimate Bell Crank Throttle Kits	
KRP2005	With Steel Heims
KRP2010	With Aluminum Heims
Throttle Linkage Rods	
KRP2015	15"
KRP2020	13"
KRP2025	5-1/2"
Rod Ends	
KRP2030	Steel, RH, 10-32
KRP2035	Steel, LH, 10-32
KRP2040	Aluminum, RH, 10-32
KRP2045	Aluminum, LH, 10-32
Jam Nuts	
KRP2050	Steel, RH, 10-32
KRP2055	Steel, LH, 10-32

Ultra-Lite Aluminum Bell Crank *KRP2060*

Machined from billet 6061 aluminum for optimum strength, the Ultra-Lite has three adjustment holes on the short stem and five on the long stem for plenty of adjustment options and proper geometry. A super slick bearing is pressed in and carefully crimped to hold it secure.

Billet Throttle Arm *KRP2065*

Completely redesigned for maximum strength and lighter weight, CNC-machined arm is available for 5/16" throttle shafts and works on Hilborn, Kinsler, and Engler injectors. Arm is black anodized and includes stainless steel hardware.

Carbon Fiber Bolt-On Fuel Block Mount *KRP1484* NEW!

Mounts to brake master mount. The carbon fiber mounts offers a quick and easy option for mounting a fuel block and allows fast fuel system changes. Used by many World of Outlaws Sprint Car teams.

"Y" Style Fuel System Return Fitting *KRP1934*

Designed with two -6AN and one -8AN male fittings to make plumbing fuel return lines back to the tank clean and simple.

Billet Down Nozzle Filter Kit *KRP1990*

Kit offers optimum atomization with no dirt and debris. The low profile prevents the breakage common to longer filters. Set of eight.

Billet Nozzle Plugs *KRP1920*

Plug off ports in the nozzles or in the injection unit. 1/2"-20 threads are sealed with an O-ring and the plugs are black anodized aluminum with dimple machined heads. Eight per set.

Billet Fuel Block with Fittings *KRP1930*

Unique block has three -6AN male fittings out the top with one -8AN fitting out the end for a return line. The big difference with the King block is that there is another -6AN port at the other end to create a double high-speed system. Black anodized to prevent corrosion.

Bypass Jet Can And Spring Kits

KRP1987

Designed specifically for engine tuners, King Racing Products offers Main Jet and main jet and high-speed spring kits for popular Hilborn or Kinsler fuel-injection systems.

Part No.	Description
KRP1960	Main Bypass Spring Kit, Includes (5) Different Thickness Springs
KRP1987	Aluminum Bypass Jet Can

In-Line Fuel Shut-Off *KRP4510*

Perfectly machined billet construction houses a stainless inner rotary valve with ultra-smooth port design for increased flow. The bottom of the shut-off has a 10/32" threaded hole so you can mount it to your steering gear locator or just mount it in-line. -6AN male ends and anodized black for added protection.

Billet Fuel Shut-Off *KRP4500*

Fuel shut-off is manufactured from the finest materials available. The smooth range of motion makes it simple to open and close. Aircraft-grade PTFE seats seal tight. Mounts perfectly into the King steering gear locators.

Fuel Filters *KRP4300*

-6AN Short.

Part No.	Description
Replacement Component	
KRP4305	Replacement Filter for KRP4300

Engine Mount Fuel Filter Clamp *KRP4380*

Black anodized aluminum clamp for securing King Racing Products fuel filters.

Fuel Filter with Shutoff

Features an all-billet aluminum fuel filter with a built-in shut off. All the components are anodized and come with a lifetime stainless 100-micron element. Available in -12AN. Works well in classes where a tank shut-off is mandatory.

KRP4340

KRP4320

Part No.	Description
KRP4320	-12AN Long
KRP4340	-12AN Fuel Filter with Shutoff
KRP4342	-8AN Fuel Filter with Shutoff
Replacement Components	
KRP4325	Replacement Element for KRP4320
KRP4345	Replacement Filter For KRP4340

Fuel Filter Clamps

Frame-mounted aluminum clamps are black anodized for added durability.

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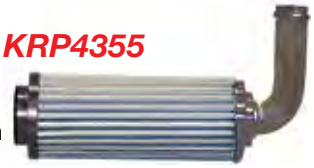
Part No.	Description
KRP4360	1-1/4"
KRP4365	1-3/8"
KRP4370	1-1/2"

Fuel Cell Pickup Filter *KRP4355*



Reduce weight by up to 1-1/2 pounds with the 90° design fuel cell pickup filter. Pleated 60-micron stainless unit eliminates the traditional in-line suction fuel filter, two fittings, and filter clamp, and keeps the smallest debris out of the fuel system. Filter includes billet aluminum end caps with a smooth, radiused pickup tube on one end that is designed to lay flat on the bottom of the tank.

Kinsler IRL High-Speed Bypass Mount *KRP2605*

Easily mount a high-speed bypass with this aluminum bracket. May be installed with hose clamps or tie wraps.

Billet Top Plate with Twist-In Cap and Roll-Over Vent *KRP1998*

Mini Sprint Restrictor Plates

Part No.	Description
KRP6000-SB	Yamaha Restrictor Plate, Silver/Black
KRP6000-SZ	Suzuki Restrictor Plate

Sprint Car Fire Suppression System *KRP5050* NEW!

Specifically designed for Sprint Cars. The 360° discharge system uses Novec 1230. The kit comes with everything needed, including a fitted manual nozzle, a fitted automatic detection nozzle, a 6' long pull cable, and a billet mounting bracket.

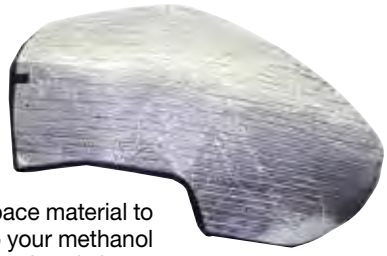
Heat-Activated Fire Bottle and Clamp Kit *KRP5030*

Fuel Tank Mounting Bolts *KRP4096*

Aircraft-grade titanium 12-point, 5/16"-18 bolts with large head flange designed to spread the load of the bolt, ensuring it stays tight all of the time. Package of four.

Titanium Button-Head Motor Plate Bolt Kit with Aluminum Jet Nuts *KRP4090*

Tail Tank Cooler *KRP2615*



Methanol makes more power at cooler temperatures, and that's why King Racing Products developed this tail tank cooler. Made from reflective aerospace material to block out the heat and keep your methanol cool. One-size-fits-all, this is a handy item during hot summer weather!

Steering Gear Locators

Billet aluminum locators are available in three styles; each is black anodized and radius machined with chamfered holes for ease of installation and maximum strength.

Part No.	Description
KRP1420	Steering Box, 1/2" Mount
KRP1425	Standard Steering Gear Locator
KRP1430	Bottom Fuel Shutoff Steering Gear Locator
KRP1435	Left Side Fuel Shutoff Steering Gear Locator
KRP1441	Left Side Shutoff for Waterman Style

Steering Gear Locator *KRP1441*

Designed to fit left or right with Waterman fuel shut-off. Manufactured with four 1/4" adjustable mounting holes and will fit all steering boxes.

Carbon Fiber Steering Gear Mount *KRP1480* NEW!

This durable and lightweight steering gear mount made from carbon fiber is designed for the Waterman-style fuel shut-off.

Carbon Fiber Left Side Steering Gear Mount *KRP1481* NEW!

Made from lightweight carbon fiber, this steering gear mount is designed to position the fuel shut-off on the left side of the race car for easy operation.

Carbon Fiber Steering Gear Locator *KRP1482* NEW!

Made from lightweight and durable carbon fiber.

Carbon Fiber Steering Gear Mount Bottom Shut-Off *KRP1483* NEW!

This carbon fiber steering gear mount positions the fuel shut-off at the bottom of the steering gear mount to allow for easy operation.

Carbon Fiber 1/2 Steering Box Mount *KRP1485* NEW!

The lightweight and durable carbon fiber mount offers quick installation/removal of the steering box. The unique design does not require the removal of the existing retainer or aluminum retainer.

Super Seal Power Steering Pump Mount *KRP1470*

Big Tube Aluminum Steering Wheel *KRP1460*

Eliminate forearm cramps and fatigue with King's large, 15" flat aluminum steering wheel. Made with 1-1/4" diameter tubing, the wheel has dimples on the bottom for additional grip and is anodized black.

Fuel Block Master Cylinder Mount *KRP1932*

Aluminum bracket mounts fuel block to master cylinder for easy adjustments on bypasses.

Master Cylinder Return Spring Kit *KRP2400*

Made to keep the driver from burning the brakes off the car. A high-strength zinc coil spring with an anodized black billet retainer makes this one of the nicest master cylinder return spring kits on the market.

Billet Brake Residual Valve *KRP2480*

This 2-lb. residual valve eliminates excess pedal travel. The all-billet design keeps your brake pads close to your rotors so your driver doesn't have to pump the pedal. The -3AN male end will thread right into the master cylinder and the female end is 1/8" NPT so you can easily plumb your brake system like you want. Anodized black and comes with a brass crush washer.

Wilwood Dynamic Inboard Brake Mount NEW!

Sprint Car 48-tooth splined inboard hub and adapter kit. Fits 8 x .700" rotors. Includes rotor adapter, mounting bolt kit, and T-nuts.

Part No.	Description
KRP4102	Wilwood Style
KRP4103	Floating Style

Steel Convoluted Left Front Brake Rotor

Optimize stopping power with this convoluted ultralight 3-bolt brake rotor. 3/8" thick.

Part No.	Description
KRP2465	10-1/4" Diameter
KRP2470	10-3/4" Diameter

Billet Aluminum Left Front Brake Rotor

KRP2475

Optimize stopping power with this semi-convoluted ultralight black anodized 10" diameter brake rotor. 3/8" thick.

Quick 2" Aluminum Brake Pad Spacers

KRP2420

Laser-cut aluminum and designed to keep the caliper piston from extending out and causing uneven brake pressure. This design works in Wilwood's newly designed caliper and with its older design. Spacers are .050" thick. Sold individually.

Shock Bump Cup

Holds bump rubber secure for rate consistency and conceals your tuned stack from the competition.

Part No.	Description
KRP2375	9/16" Shaft
KRP2370	1/2" Shaft

Jacobs Ladders

Made from 4130 chrome moly tubing and welded in jig fixtures, King ladders are true and strong. With 6061 aluminum straps and Grade 8 hardware, the Jacobs ladders are plated, complete, and ready to bolt on.

Part No.	Description
KRP1805	13-1/4" Jacobs Ladder Assembly
KRP1825	13-5/8" Jacobs Ladder Assembly
KRP1835	14" Jacobs Ladder Assembly
KRP1855	13-5/8" Adjustable Jacobs Ladder Assembly

Heavy-Duty Angled Pitman Arm

KRP1417HD

Manufactured from aircraft-grade 2024 aluminum plate, the 12° angle arm has added clearance for large style mufflers. This heavy-duty arm also features a built-in drag link rod end spacer.

Aluminum Wing Ram

Manufactured with stainless 3/8" hardened shaft and double O-ring sealed inner piston to prevent blow-by. Available in 8", 10", and 12" lengths incorporating 1/8" side ports for ease of plumbing.

Part No.	Description
KRP2315	10" Wing Ram, 3/8" Shaft
KRP2335	Wing Ram Oil Seal

Wing Line Fitting, -3AN

KRP2436

These quick-disconnect wing line fittings thread directly into existing wing valve. The 100% dry break design will not restrict flow or allow air to enter the line when separated. Available in -3AN or -4AN sizes and works with any power steering fluid. Sold each.

Valves not included

Billet Torque Ball and Housing

Rigid 7075 billet aluminum torque ball housing enhances driver safety and boosts performance. Unit is engineered to retain debris in the event of a U-joint failure, while the pivoting design provides reduced driveline resistance. CAD-designed torque ball is fully CNC-machined for optimum strength-to-weight, and available housing retainer kit is specifically designed to speed torque ball and housing service.

Part No.	Description
KRP1605	Torque Ball Housing
KRP1610	Torque Ball
KRP1611	Torque Ball, Extra Large

Torque Ball Housing Titanium Stud Kit

KRP4092

Titanium hardware that bolts torque ball housing to motor plate. Comes with six studs and six nuts. 3/8"-24 threads.

Jamie Veal

Photo by: Mike Reusche

Torque Tube Assembly *KRP1601*

Made from the same super alloy as the King bird cages and front hubs. The lightweight pockets on the backside of the large flange reduce weight without sacrificing strength. The long rib-style collar takes out any flex in the tube.

Torque Tube Nut Kit *KRP1625*

These six-point flanged aircraft jet nuts have a built-in washer and are designed to work with King torque tube studs. Set of 6. (Studs are not included.) Made in USA.

Torque Tube Stud Kit *KRP1620*

These heat treated chrome moly studs are manufactured with 3/8"-16 N/C threads on the rear end side and 3/8"-24 N/C threads on the nut side. Designed to bend or break before rear end damage occurs. (Nuts are not included).

Titanium 12-Point Torque Tube Nuts *KRP4093*

Manufactured from AL64V titanium with precisely rolled threads for optimum strength and forged press heads. 3/8" fine thread. Pack of 6.

Hex Rear End Plug Kit *KRP2225*

Hex rear end plug kit makes ring and pinion inspections and filling the rear end a breeze. Made from 6061 T-6 aluminum with a 1" hex for easy installation and removal. Fully machined on the inside for added weight savings. Sold in pairs.

Aluminum Rear End Cover Nuts *KRP2220*

Aluminum rear cover nuts are truly some of the nicest rear cover nuts on the market today. Nuts are manufactured from 9/16" billet aluminum hex, precision-machined, drilled all the way through, and then radius-machined for optimal weight savings.

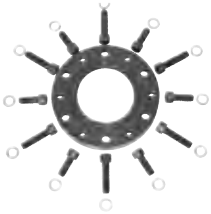
Rear End Thread Repair Kit *KRP2535*

Repair threads in rear end snout with these industrial style threaded inserts that install like Heli-Coils.

Replacement Threaded Inserts *KRP2540*

Six to a package, inserts work with the thread repair kit KRP2535.

Rear End Saver *KRP1630*



Rather than bending, breaking, or pulling threads out of the snout in a crash, the Saver will break, bend, or sacrifice threads to save the snout. Save over $500.00 the very first crash.

Tire Bleeders

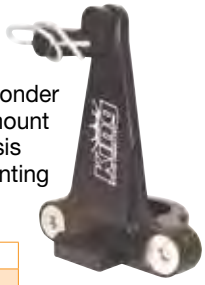
Bleeders relieve heat-caused pressure build-up during a race, preventing critical changes to stagger and weight distribution. Choose from economical plastic or durable, forged aluminum bleeders.

Part No.	Description
KRP3000	Forged Aluminum Bleeder Housing, for Dirt Cars That Require Added Protection, Each
KRP3020	Bleeder Plug Kit, Used When Not Running Bleeders, Pair
KRP3025	Quick Release Aluminum Schrader Valves, Pair
KRP3040	Replacement Bleeder Housing Rubber Grommets, Set of Four

Thread-On Bleeder Screens *KRP3060*

These red anodized, billet aluminum, reusable screens thread onto the nut side of the quick disconnect bleeder housings. The outside diameter is knurled for easy twist-off removal and cleaning. Sold each.

Quick-Release Transponder Mount



More and more tracks are using transponders to keep track of car positions during a race and King has developed the perfect companion piece: their Quick-Release Transponder Mount. The black anodized, billet aluminum mount clamps on a 1", 1-1/4", or 1-/2" diameter chassis tube and includes a hairpin clip for quick mounting and dismounting.

Part No.	Description
KRP2600	1"
KRP2601	1-1/4"
KRP2602	1-1/2"

Steel Bolt Kit *KRP2730*

Packaged especially for use on sprint cars, bolts are made of high-quality steel.

Nut and Washer Kits

These are always hard to find items when you need them. Steel nut kit includes (30) 1/4", (25) 5/16", (20) 3/8", (15) 7/16", and (15) 1/2" fasteners, all in an injection-molded carrying case.

Part No.	Description
KRP2700	Steel Nut Kit, 105 pieces
KRP2710	Jet Nut Kit, 40 Pieces
KRP2720	Stainless Steel Washer Kit, .030", 145 Pieces
KRP2725	Stainless Steel Washer Kit, .060", 145 Pieces

1/2" I.D. Assortment Spacers *KRP2854*

Qty.	Description
Kit Includes	
8	1/4" Spacers
4	1/2" Spacers
2	3/4" Spacers
2	1" Spacers

Heim Spacers *KRP2840*

Digital Super Flow High-Speed Checker *KRP1902*

Large 4" digital readout with accuracy within 1%. Billet aluminum distribution block with easy-flow handle.

Super Flow High-Speed Checker *KRP1900*

Today's high-pressure fuel systems need accurate gauges. The large 4" gauge on the checker reads to 160 PSI and when combined with the billet aluminum distribution block and the easy-flow handle, makes the combination unbeatable.

High-Speed Checker *KRP1905*

Large 2-1/2" liquid-filled gauge ensures exact, repeatable readings. The American-made Parker regulator is adjustable to reproduce exact fuel system functions.

Dual-Gauge Leakdown Tester *KRP1915*

The dual-gauge setup repeats each and every time to pinpoint any problem. Features include two Parker USA regulators, black anodized 14mm spark plug adapter, and aircraft-quality hardware.

Deluxe Spark Plug Reader *KRP1917* NEW!

The tool kit features a high-power lens and light to ensure proper spark plug reading. Includes a heavy-duty case. Battery not included.

Aluminum Male Bleeder Hose End *KRP3010* NEW!

Screws into the end of the air bleeder hose and plugs into the bleeder housing. A must when using Swindell or Conroy designed bleeders. Aluminum. Each.

Tire Vac *KRP3100* NEW!

Designed to extract air pressure and moisture from the race tire, allowing the use of dry nitrogen to enable consistent tire pressure throughout the race program.

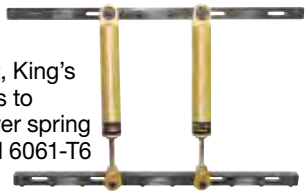
Rear Arm and Radius Rod Builder *KRP2530*

Build and duplicate all radius rods for replacement of damaged ones without having to re-square front or rear end. Anodized aluminum construction.

Torque Tube and Drive Shaft Checker *KRP2560*

Quickly determine if a shaft or tube is bent. A must for any sprint or midget team. Anodized aluminum construction.

Shock Hanger Mounts *KRP2630*



Whether it's in the trailer or pit cart, King's Shock Hanger Mounts use a O-rings to secure up to ten shocks with coil-over spring installed. Made from black anodized 6061-T6 aluminum.

Exhaust Port Cover Kit NEW!

Includes an added stud in the center of the dual port cover to offer a lifting point when using an engine hoist. Anodized black billet aluminum. Six piece set.

Part No.	Description
KRP2100	Spread Port
KRP2105	Standard Dual Port

Safety Wire Drill Jig *KRP2505*

Billet aluminum fixture allows drilling of bolts from #10-32 to 3/4". Two supplied Allen bolts are pre-drilled and hold the hex of the bolt in place.

Sprint Car Carbon Fiber Air Box Base

KRP1489 **NEW!**

Carbon fiber air box base plate designed for Walker or Green Filter air filters. 19-1/4" x 14." mounting clamp. The easy-to-install system weighs only 7 pounds. World of Outlaws approved.

Torsion Bar Reamer for Sprint Car

Built for accuracy, torsion bar reamer has a tool steel industrial cutter at its core. Stem comes apart for easy storage, and handle end features a 3/4" hex to aid in cutting through bushings.

Part No.	Description
KRP2500	Sprint, 1-1/8" Bar
KRP2504	Mini Sprint, 7/8"
KRP2503	Midget, 1"

Chassis Quick Stands

KRP2555

Pair of durable steel stands with heavy-duty casters make moving your race car simple. Height-adjustable stands fold for easy storage.

Set-Up Blocks

KRP2590

These fully adjustable magnetic V blocks will work on any standard or raised rail car. There are three magnets installed in the bottom of each set-up block to ensure position on the chassis frame rail. The short block set is adjustable from 1-3/4" to 3" in 1/4" increments and also goes to 4". The tall block set is adjustable from 3" to 5" in 1/4" increments and also goes to 6" for squaring the rear end. These block sets come complete with all the hardware and are fully assembled. Anodized black for added protection.

Part No.	Description
KRP2585	Set Up Blocks,Short
KRP2590	Set-Up Black, Tall

Aluminum "AN" Wrench Set

KRP2565

This black anodized wrench set with straight and 30° bends fits virtually all "AN" fittings. Machined from aluminum and completely radiused, the four piece set is complete with sizes -6 through -12.

Stagger Tape ***KRP2550***

This 10' long Ultra Glide Stagger Tape is manufactured with large easy-to-read numbers, magnetic back, and locking thumb button.

GT-1 High-Performance Racing Oils

Kendall GT-1 high-performance racing oils provide excellent resistance to viscosity and thermal breakdown at high temperatures. Protects against sludge and varnish formation along with providing good foam resistance. GT-1 oils also offer enhanced wear protection for engines with flat-tappet camshafts. One-quart bottles.

Part No.	Description
KEN1074971	30W High Performance
KEN1074972	40W High Performance

Kyle Larson

Photo by: Mike Reusche

"Our Quality Is On the Line"
KRC
800-814-5745 krcracing.com

Fuel Director *KLU4408*

Single fuel director features a sliding nut for easy installation or removal to popular Holley carburetors. Red anodized for a professional appearance and resistance to corrosion, unit includes an 1/8" NPT port for a fuel pressure gauge and accepts a -8AN fitting or 1/2" push lock hose.

Carburetor Covers

Aluminum covers keep dirt out of engines during storage or transport and are available with or without speed nut and O-ring assembly which positively seals cover.

Part No.	Description
Carburetor Cover Assemblies	
KLU1029	5-1/8" Dia., 1/4"-20 Speed Nut
KLU1030	5-1/8" Dia., 5/16"-18 Speed Nut
Carburetor Cover Only	
KLU1031	5-1/8" Dia.
KLU1032	Dominator Carbs

Water Restrictor *KLU1027*

Aluminum restrictor reduces water temperatures up to 20°F. Funnel-shaped restrictor inserts into the lower radiator hose. Coolant stays in the radiator longer for improved cooling.

Throttle Linkages and Return Kits

Quick-disconnect throttle linkages include carb bushings for most carburetors. Heavy-duty aluminum rods can withstand severe engine vibrations. Linkages can be removed from carb in 5 seconds.

Part No.	Description
KLU1040	Quick-Disconnect Throttle Linkage Kit
KLU1042	Throttle Ball Accessory Kit
KLU1045	Aluminum Carburetor Bushing
KLU7203	Replacement Quick-Disconnect Ends (2-Pack)

Oil Filter Cutter

Quickly/easily open filter canister to check for engine-killing contaminants. Heavy-duty 6061 anodized aluminum body and razor-sharp cutter wheel hardened to 60RC make this the slickest and least expensive tool of its kind.

Part No.	Description
KLU1201BK	Oil Filter Inspection Tool, Black Anodized NEW!
KLU1204	Replacement Cutter Wheel

Throttle Pedal Stop *KLU1038* NEW!

Stop prevents stuck throttle and eliminates carburetor damage caused by over-extended linkage. Stop attaches to firewall with rivets, and linkage travel can be adjusted up to 2-1/4" with a screwdriver.

KINSLER FUEL INJECTION

KIN3970

KIN3903

Fuel Bypass and Related Components

KIN3112

KIN6178

Part No.	Description
KIN3043	0.030" Brass Shim for Bypass
KIN3112	Main Bypass, -6AN Male Flare Quick Disconnect
KIN3117	O-Ring for Quick Disconnect
KIN3319	0.019" Spring for Bypass
KIN3328	Replacement Spring for KIN3112 Quick Disconnect
KIN3339	0.039" Spring for Bypass
KIN3903	Low-Speed Adjustable
KIN3904	High-Speed Bypass Adjustable
KIN3944	Diaphragm for KIN3904
KIN3970	K-140 High Speed, 49-106 PSI
KIN3972	K-140 High Speed, 72-152 PSI
KIN3989	Filter for K-140 10/32" Threads
KIN4156	KFI Fuel Filter, -6AN Fittings
KIN5520	K-Type 2-Pc. Aluminum Throttle Link Arm, 5/16"
KIN5521	K-Type 2-Pc. Aluminum Throttle Link Arm, 3/8"
KIN6178	-12AN x -8AN Fuel Pump Fitting for Waterman
KIN12091	Rebuild for K140 High Speeds

Replacement Components for Kinsler Fuel Injection

KIN4156

KIN5980

c No.	Description
KIN1965-7	Up Nozzle Lines, -3AN Male O-ring x -3AN Female Swivel 90°, 7" Long
KIN1965-9.5	Up Nozzle Lines, -3AN Male O-ring x -3AN Female Swivel 90°, 9-1/2" Long
KIN1966-19	Down Nozzle Lines, -3AN Male x -3AN Female Swivel 90°, 19" Long
KIN2394	Air Filter Only, Sintered Bronze with 1/8" NPT Thread
KIN2397	Nozzle O-ring, Kinsler/Hilborn 1/2"-20 Thread
KIN4156	KFI Fuel Filter, -6AN Fittings
KIN5520	K-Type 2-Pc. Aluminum Throttle Link Arm, 5/16"
KIN5521	K-Type 2-Pc. Aluminum Throttle Link Arm, 3/8"
KIN5980	Dual Leak Down Tester
KIN6178	-12AN x -8AN Fuel Pump Fitting

Stacks not included

Injection Seals *KIN5167*

Injection seals for small block Chevrolet Raptor with super tops, using 2-3/16" ram tubes. Comes with the zip ties. Pack of four.

Raptor ASCS 360 Intake Manifold

The Raptor is a lightweight magnesium intake manifold fully engineered for competitive ASCS 360 applications. Three-piece design uses a separate manifold on each head and a billet valley plate that delivers a perfect fit, regardless of cylinder head angles. Manifold includes 100% CNC-machined runners and is designed for spec. head applications including ASCS Brodix, Weld Tech, Ron's Porting, etc. Billet Super Tops include O-rings to seal out contaminants and ram tubes include 180° rolled-over bell design for improved air flow. Tough Steel throttle shafts are hard chrome-plated for extended durability and the included Jack shaft throttle linkage utilizes high-quality bearings for smooth, reliable throttle operation. Sold complete with nozzles. Offered by special order only, please call salesperson with your specific requirements.

305 Raptor Intake Manifold

Approved for use in the Lucas Oil ASCS, URSS, and RaceSaver Sprint Series, the 305 Raptor combines lightweight magnesium construction with high-flow runners, back-cut throttle shafts, Billet Super Tops and high-flow ram tubes. Three-piece manifold uses separate manifolds for each head and a billet valley plate for a perfect fit, regardless of cylinder head angle. High-flow, fully 100% CNC-machined runners are compatible with spec. heads including Race Saver Brodix, 305 ASCS Brodix, World, etc. Back-cut throttle shafts help provide more air flow, while the Jack shaft linkage is used to provide smooth, reliable throttle operation. The Billet Super Tops use O-rings that seal out contaminants and allow using 2-3/16" ram tubes on larger throttle bores. High-flow ram tubes feature a 180°, rolled-over design for increased air flow. Sold complete with nozzles. Offered by special order only, please call salesperson with your specific requirements.

K-Jets

Each K-type jet is precisely machined and stamped with the Kinsler name. Reamed orifices are available from .050" through .108", all controlled to within .0002".

Part No.	Size	Part No.	Size	Part No.	Size
KIN3715-48	0.048"	KIN3715-68	0.068"	KIN3715-88	0.088"
KIN3715-50	0.050"	KIN3715-70	0.070"	KIN3715-90	0.090"
KIN3715-52	0.052"	KIN3715-72	0.072"	KIN3715-92	0.092"
KIN3715-54	0.054"	KIN3715-74	0.074"	KIN3715-100	0.100"
KIN3715-56	0.056"	KIN3715-76	0.076"	KIN3715-108	0.108"
KIN3715-58	0.058"	KIN3715-78	0.078"	KIN3715-114	0.114"
KIN3715-60	0.060"	KIN3715-80	0.080"	KIN3715-120	0.120"
KIN3715-62	0.062"	KIN3715-82	0.082"	KIN3715-150	0.150"
KIN3715-64	0.064"	KIN3715-84	0.084"		
KIN3715-66	0.066"	KIN3715-86	0.086"		

Dragon Claw 360 ASCS XL Intake Manifold

Lightweight magnesium Dragon Claw features a three-piece design, separate manifold on each head and a valley plate, providing a perfect fit, regardless of cylinder head angles. Manifold has 100% CNC-machined runners for exceptional flow with Brodix, Dart, Chevrolet, AFR, etc. cylinder heads. Throttle shafts are manufactured from high-quality alloy material, use bronze bushings, and are back-cut for increased flow, while Jack shaft billet aluminum linkage offers smooth, reliable throttle operation. Billet Super Tops use O-rings to seal both the ram tubes and the manifold, doing away with drop-in restrictors. Included ram tubes feature a 180° rolled-over bell design for enhanced air flow. Sold complete with nozzles. Offered by special order only, please call salesperson with your specific requirements.

Tough Pump

The Tough Pump combines the benefits of an innovative one-piece gear shaft, extra-rigid housing, and consistent fuel flow, even at extreme RPM's. Alloy steel, case-hardened one-piece gear shaft prevents any radial movement of the gear on the shaft, maintaining proper clearance between the gear teeth and the housing. Housing incorporates an extra-rigid cover retained by (12) studs that is effective to 400 PSI. Pump features an inlet port that comes straight into the gears rather than a 90° angle like most pumps, improving performance up to 7,000 pump RPM (14,000 engine RPM) without cavitation. Choose from "400" (.400" gear height), ".450" (.450" gear height), or "500" (.500" gear height) model pumps. Each pump is sold complete with 3-port manifold outlet with fitting, inlet flange fitting, and pump swivel flange.

KINTP000013

KINTP000140

Part No.	Description
KINTP040071	400 Tough Pump
KINTP050071	500 Tough Pump
KINTP045071	450 Tough Pump
Replacement Components	
KINTP000013	Pump Swivel Flange
KINTP000140	4-Port Manifold

Plastic Jet Holder Case

KIN3720

Ideal for organizing and protecting your jets. Rotating top allows you to select and remove one jet at a time. Special fuel-resistant polymer plastic.

Deluxe 10° Layback Containment Seats

Well suited to North East Modifieds, Sportsman, etc., 79 Series deluxe 10° layback containment seats are constructed from TIG-welded 5052 aluminum and incorporate elongated bottom for added thigh and hip support, reinforced rib and shoulder supports, and vertically and laterally adjustable head restraint. High-density, energy-absorbing padding delivers added safety and comfort. Seat kit includes black cloth cover.

Width	Seat & Cover	Replacement Cover
14-1/2"	KIR79145KIT	—
15"	KIR79150KIT	—
16"	KIR79160KIT	—
17"	KIR79170KIT	KIR7917011

Intermediate 10° and 18° Layback Containment Seats

Intemediate seats are popularly used in Dirt and Asphalt Late Models, Street Stocks, etc. Offered in 18° or 10° layback versions, seats are constructed from 5052 aluminum, include contoured and elongated bottom for added thigh and hip support, reinforced rib and shoulder supports, vertically and laterally adjustable head restraint. High-density, energy-absorbing padding provides added safety and comfort. Seat kit includes black cloth cover.

Width	Part No.
Intermediate 10° Layback	
14"	KIR89140KIT
15"	KIR89150KIT
16"	KIR89160KIT
17"	KIR89170KIT
Intermediate 18° Layback	
14"	KIR88140KIT
15"	KIR88150KIT
16"	KIR88160KIT
17"	KIR88170KIT
18-1/2"	KIR88185KIT

88/89 Series Seat Accessories NEW!

KIR88-89RS1XP

Constructed exclusively for use with 88 or 89 series seats, replacement right head restraint covers are offered to reduce the width between the head restraint by 1" or 2" to provide the driver with a tighter fit. A special pad is also available to replace the right side shoulder restraint cover and reduce shoulder width by 1". Each cover comes with an additional 1" of SFI-approved, low-rebound comfort padding. Black tweed only.

Part No.	Description
KIR88-89RH1XP	RH Head Restraint Pad/Cover, 1"
KIR88-89RH2XP	RH Head Restraint Pad/Cover, 2"
KIR88-89RS1XP	RH Shoulder Restraint Pad/Cover, 1"

Molded Foam Seat Insert Kit

KIR99300

Do-it-yourself kit allows adding form fitting high-density padding to the bottom and lumbar of an existing seat, increasing safety and comfort. Sold complete with all materials and ingredients. ***Note: Kit is designed for use with a seat that properly fits the driver. If seat is too large, two kits will be required.***

RACING SEAT MEASUREMENTS

- **Select a seat base width that will comfortably fit the driver's hips.**
- **Shoulder restraints should be based upon the driver's shoulder width.**

38 Series Aluminum Layback Seats

Deigned for use in street stocks, IMCA Modifieds, Limited Late Models or any entry-level division vehicle. Constructed from TIG- and MIG-welded .100" thick 5052 grade aluminum. Manufactured with lap belt openings, double shoulder belt openings, and sub belt opening that will accommodate all seat belt systems. Unique bottom design allows seat to be mounted in multiple layback angles (10°-20°) without raising center of gravity in the race car. Covers and mounts sold separately.

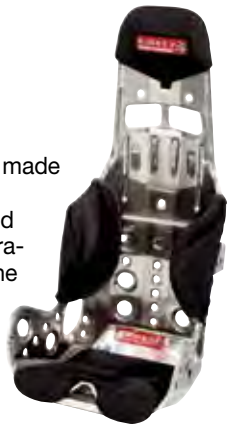
Part No.	Description
Aluminum Layback Seats	
KIR38140	14", 20° Layback
KIR38150	15", 20° Layback
KIR38160	16", 20° Layback
KIR38170	17", 20° Layback
KIR38185	18.5", 20° Layback
KIR38200	20", 20° Layback
Seat Covers	
Black Vinyl	
KIR3814001	Fits KIR38140 Seat
KIR3815001	Fits KIR38150 Seat
KIR3816001	Fits KIR38160 Seat
KIR3817001	Fits KIR38170 Seat
KIR3818501	Fits KIR38185 Seat
KIR3820001	Fits KIR38200 Seat
Black Tweed	
KIR3814011	Fits KIR38140 Seat
KIR3815011	Fits KIR38150 Seat
KIR3816011	Fits KIR38160 Seat
KIR3817011	Fits KIR38170 Seat
KIR3818511	Fits KIR38185 Seat
KIR3820011	Fits KIR38200 Seat
Related Components	
KIR99212	Rear Seat Mount, 38 Series Seats, 3/16" Aluminum, Sold Each
KIR99214	Floor Seat Mount, 38 Series Seats, Bolts to Side of Seat then to Roll Cage or Structured Member of Floor. Sold Each

Intermediate Layback Oval Track Seats

Intermediate double rib support layback seats are made of 1/8" aluminum and offered in 10° layback models. Features include contoured seat bottoms for maximum head room, reinforced head supports, and raised fronts for superior thigh support. Seat covers must be purchased separately.

Width	Part No.
Double Rib Support 10° Layback	
15"	KIR38150
16"	KIR38160
17"	KIR38170
18"	KIR38185

Lightweight Sprint Deluxe Upright Oval Track Seats



Double rib support, 10° layback seats are made of MIG-welded .081" thick aluminum with extrusions around seat perimeters for added strength and safety. Flared openings are strategically placed to lighten and strengthen the seats. Seats weigh 10 lbs. and use seat cover clips instead of cumbersome snaps. Supports, covers, and restraint kits sold separately.

Width	Seat	Black Cloth Cover
14.5"	—	KIR58311LW
15"	KIR56300LW	KIR58311LW
15.5"	—	KIR58311LW
16"	KIR56500LW	KIR58511LW
17"	KIR56700LW	KIR58511LW

600 Micro Sprint Containment Seats

Constructed of .080" 5052 aluminum, these 37 Series seats feature 3" of vertical torso/shoulder adjustment along with 2" of vertical and 1-1/2" of lateral head restraint adjustment. Designed to accommodate all head and neck restraints, these seats also incorporate an energy-absorbing comfort pad on cover bottom and lumbar area. Includes black cloth cover.

Width	Seat And Cover
12"	KIR37120KIT
13"	KIR37130KIT
14"	KIR37140KIT
15"	KIR37150KIT
16"	KIR37160KIT

Adjustable Child Containment Seat Kits

A multitude of adjustments, including 5" of vertical adjustment, allow these seats to fit practically any size child. Other adjustments include vertical adjustments to raise rib and shoulder supports, and the head area can be adjusted vertically, horizontally, and rotated to increase peripheral vision. A unique shoulder support cover design allows an extra 1" shoulder width adjustment. Kit includes black cloth cover and insert to reduce width for smaller kids.

Part No.	Description
KIR34120KIT	12" with Cover
KIR34140KIT	14" with Cover

Child/Quarter Midget Seats

Child seat, designed for Quarter Midgets or other child racing cars, is constructed from 5052 alloy and includes an 8° layback design. Seats are MIG-welded for added strength, include reinforced head rest, and have openings for shoulder harness and submarine belt. Black cloth seat cover must be purchased separately.

Width	Seat Only	Black Cloth Cover
10"	KIR24900	KIR24901
11"	KIR24100	KIR24101
12"	KIR24200	KIR24201
13"	KIR24300	KIR24301

RACING SEAT MEASUREMENTS

- **Select a seat base width that will comfortably fit the driver's hips.**
- **Shoulder restraints should be based upon the driver's shoulder width.**

Molded Foam Seat Insert Kit *KIR99300*

Do-it-yourself kit allows adding form-fitting high-density padding to the bottom and lumbar of an existing seat, increasing safety and comfort. Sold complete with all materials and ingredients. ***Note: Kit is designed for use with a seat that properly fits the driver. If seat is too large, two kits will be required.***

Leg Restraints

Lightweight aluminum restraints offer added leg protection. Fits all 68- and 69-series seats.

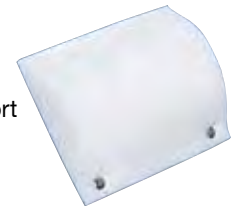
Description	Part No.
Right	KIR02100
Left	KIR02200

Deluxe Leg Restraints

Designed exclusively for Kirkey 53-series seats, restraints may be added for improved leg protection. They are 20" long, significantly longer than standard supports.

Description	Part No.
Right	KIR02100
Left	KIR02200

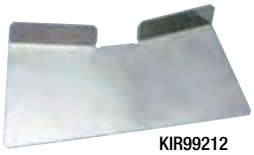
Lumbar Support *KIR99020*



High-density padding gives added support to lower back area.

Seat Mounting Brackets

Special brackets ease seat installation.



KIR99212

KIR99214

Part No.	Description
KIR99212	Upper Bracket, Each
KIR99214	Lower Brackets, Pair

Seat Side Supports

Supports provide protection for legs and shoulders under high G-forces and during an accident. Covers must be purchased separately. Designed for use with all Kirkey seats except full containment models.

Part No.	Description	Black Vinyl Cover	Black Cloth Cover
Head Supports			
KIR00100	Right	KIR00101	KIR00111
KIR00200	Left	KIR00201	KIR00211
Leg Supports			
KIR02100	Right	—	KIR02111
KIR02200	Left	—	KIR02211
Shoulder Supports			
KIR00500	Right	KIR00501	KIR00511
KIR00600	Left	KIR00601	KIR00611

Gen 2 Power Steering Gears

"Second-generation" power steering has a new 4° valve and a 20% quicker lead-ball screw for improved feedback and front wheel stability. Inboard mounting strengthens top steering gear mount and eliminates the steering gear as a structural member. The reservoir is built into the live hub to prevent turbulence and aeration. Unit has O-ring-sealed wing slider ports and is 25% lighter than first-generation KSE gears.

Part No.	Description
KSEKSGEN2L-5640B	Steering Gear, Soft Effort, 11" Input, 16" Output, Black
KSEKSGEN2L-5650	Steering Gear, Medium Effort, 11" Input, 16" Output
KSEKSGEN2L-5650B	Steering Gear, Medium Effort, 11" Input, 16" Output, Black
Replacement Components	
KSEKSG1070	Steering Mount, 1/2 Box
KSEKSM6002A	Wing Port Fitting
KSEKSG0035	Seal Kit for GEN2 Gear
KSEKSG1068	Cross Shaft Cap for Pitman Arm

KSEKSGEN2L-5650B

Black Series HPD Power Steering Pump
KSEKSC1068-002

Sleek, lightweight, and efficient, the HPD power steering pump incorporates an increased pressure relief setting of 1,600 PSI, high-quality ball bearing assembly, and lightweight, gun-drilled pump shaft. Profile-machined pump body includes a black anodized, contrast-cut bearing section.

Part No.	Description
Replacement Components	
KSEKSC1027	Hex Shaft
KSEKSC1038B	Seal Kit for KSEKSC1030-001 and KSEKSC1030
KSEKSC1069B	Seal Kit for KSEKSC1068-002 (New Style)
KSEKSM1039	Power Steering Bearing

Power Steering Pump Adapters

Adapter attaches to the firewall and accepts power steering pump.

KSEKSC1043

Part Number	Description
KSEKSC1019	Old Style
KSEKSC1043	Sprint Pump Adapter, Wide Mount
KSEKSC1067	New Style for KSEKSC1068-002 Pump

Quick-Release Steering Wheel Hubs

Remove steering wheel quickly for easy entry and exit.

Part No.	Description
KSEKSG1025	Tapered Steering Hub
KSEKSG1027	Quick Release Hub, Pull Style

SR2 Wing Valve
KSEKSG3100 NEW!

Sprint wing valve utilizing -4AN line.

Stingray Wing Valve *KSEKSG2000*

Works in conjunction with steering gear to control the angle of the sprint car wing.

Billet Aluminum Front Cover
KSEKSD1003

Compatible with all gear and chain cam drive systems. Bolt patterns accept all popular dry sumps. Top timing port with plug. Standard Cam. Threaded water pump studs sold separately.

High-Pressure Wing Cylinder
KSEKSG2001-010

The Stingray is a fully engineered, hydraulic sprint wing cylinder incorporating internal quad-seal technology that allows up to 1,300 PSI of fluid pressure. Cylinder includes a traditional 10" length, standard ports, and Heim bearing mounting.

Part No.	Description
Replacement Component	
KSEKSG2007	Wing Cylinder Rebuild Kit

Front Cover and Water Pump Parts

KSEKSD1001

KSEKSD1011

KSEKSD1033

Part No.	Description
KSEKSD1001	Water Pump Assembly
KSEKSD1011	Crank Drive for Water Pump
KSEKSD1011L	Aluminum Crank Drive for Water Pump
KSEKSD1013	Timing Window Sight Glass
KSEKSD1023	Cam Drive, 1/2" Hex
KSEKSD1033	Water Pump Repair Kit
KSEKSD1041	Standard Water Pump, Less Housing
KSEKSD2007	Water Pump Housing with Inlet Tube

Billet Water Pump Impeller
KSEKSD1089

High-efficiency, billet aluminum water pump impeller for KSEKSD1001 Sprint car pump.

Elixer Racing Power Steering Fluid

Fluid has a higher viscosity index as well as anti-foaming, anti-wear, and anti-oxidation additives to minimize power fade, lower corner speed assist loss, and decrease heat build-up.

Part No.	Description
KSEKSM1086	1 Quart
KSEKSM1091	1 Gallon

Air Filters

Kinser air filters are one of the most effective and inexpensive performance gains you can make to a sprint car, midget, or mini-sprint. Kinser air filters have a 3-layer modular design that utilizes open-cell filter foam, allowing air to enter from all sides and straight into the carburetor or injectors without making a 90° turn. Increase horsepower and improve throttle response, while helping the engine live longer. Order replacement parts separately.

Sprint Car

Part No.	Description
KNS1001-001	Sprint Car Air Box Complete Assembly (without seals), Each
KNS1001-SB	Sprint Car Wire Mesh Basket, Each
KNS1001-FB1	Sprint Car Fiberglass Base, Each
KNS1001-F01	Sprint Replacement Air Filter, Each
KNS1001-BS	Sprint Car Base Plate Seals, Each
KNS1001-OW	Sprint Car Outerwear, Each
KNS1001-P-100	Sprint Car Foam Cover for K&N and R2C Filters, Each

KNS1001-001

Mini Sprint Replacement Air Filter *KNS1005-FF*

KCP715-2000

KCP713-100

KCP714-1000

KCP713-600

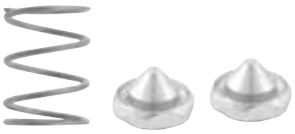
Bulk Tire Relief Components

Kwik-Change offers many of their products separately in bulk form.

Part No.	Description
KCP713-001-H	Hollow Plugs, 2-Pieces
KCP713-001-S	Solid Plugs, 4-Pieces
KCP713-002	Schrader Valves, 2-Pieces
KCP713-004	Screens, 4-Pieces
KCP713-005	Sealing Washers, 4-Pieces
KCP713-006-O	O-Rings, 4-Pieces
KCP713-006-Q	Quad Rings, 4-Pieces
KCP713-007	Grommets, 4-Pieces
KCP713-100	Relief Valves, Red, 4-Pieces
KCP713-123	Light Springs, 8-Pieces
KCP713-124	Heavy Springs, 8-Pieces
KCP713-127	Poppets, 2-Pieces
KCP713-158-1	Plastic Quick Disconnect, 1-Piece

Part No.	Description
KCP713-158-4	Plastic Quick Disconnects, 4-Pieces
KCP713-258-1	Alum. Quick Disconnect, 1-Piece
KCP713-258-4	Alum. Quick Disconnects, 4-Pieces
KCP713-300	Preset Pump, 30 PSI
KCP713-300-G	Gauge Head, 30 PSI Preset Pump
KCP713-600	Preset Pump, 60 PSI
KCP714-1000	Next Generation Relief, 1-Piece, Black
KCP714-1000-Q	Next Generation Quad Rings, 4-Pieces
KCP714-1123	Next Generation Light Springs, 8-Pieces
KCP714-1124	Next Generation Heavy Springs, 8-Pieces
KCP714-1127	Next Generation Poppets, 2-Pieces
KCP715-2000	Next Generation II Relief, 1-Piece, Gold

KCP713-258-1 KCP713-158-1


KCP714-1123 KCP714-1127

Lightweight Racing Batteries

Lightweight, maintenance-free Valve Regulated Sealed Lead Acid Battery (VRSLAB) was originally developed for military aircraft where weight, power, and safety are priorities. This also makes it the perfect choice for today's racer. May be mounted in any position and will not leak, even if the case is damaged. Battery mounts are also offered.

Part No.	CCA	Reserve Capacity	Peak Dis. Amps	Dimensions	Battery Mount	Weight
LFBLL-1236TB	775	36 Mins.	1200 @ 15 Sec.	7.625"L x 5.25"W x 6.875"H	—	24 lbs.
LFBLL-1257TB	850	57 Mins.	1500 @ 10 Sec.	9.75"L x 5.25"W x 6.875"H	—	31 lbs.

16-Volt Racing Batteries

Sealed Absorbed Glass Mat (AGM) batteries are powerful enough for modern racing ignitions and starting requirements. Batteries never need water and charge more quickly than conventional batteries. Available in two- and three-post versions. Three-post battery can accommodate 12-volt gauges, lights, etc. with the 12-volt terminal, and ignition and starting circuits with the 16-volt terminal.

Part No.	Description	Reserve Capacity	CCA	Dimensions	Weight
LFBLL-1640TB	2 Post	85 mins.	1050	10.23"L x 6.60"W x 8.31"H	42 lbs.
LFBLL-16/1240TB	3-Post	85 mins.	1050	10.23"L x 6.60"W x 8.31"H	42 lbs.

VB Series
2-1/2" I.D. Coil-Over Springs

VB Series 2-1/2" I.D. coil-over springs are manufactured from premium chrome silicon wire and are engineered to offer an accurate spring rate and long service life. Each spring is preset to solid height during the manufacturing process and is sold complete with a dyno sheet to ensure superior accuracy and quality control.

Rate	Part No.
4' Tall	
400	LAN4VB400
10' Tall	
250	LAN10VB250
300	LAN10VB300
400	LAN10VB400
475	LAN10VB475
500	LAN10VB500
550	LAN10VB550
600	LAN10VB600
650	LAN10VB650
12' Tall	
125	LAN12VB125
150	LAN12VB150
200	LAN12VB200
225	LAN12VB225
250	LAN12VB250
275	LAN12VB275
300	LAN12VB300
400	LAN12VB400

ST Series Bump Stop Springs

Eliminate the problems commonly associated with bump stops. Manufactured from high-tensile steel, ST Series bump stop springs feature a linear rate, which allows easier adjustability as the spring rate determines how hard you want to hit the stop, and how quickly. Simple calculations determine how much spring deflection is required to provide the desired load balance. Bump spring cups include a center bushing to reduce friction.

Part No.	Free Length (in)	Outside Diameter (in)	Spring Rate (lbs/in)	Installed Height	Load @ Installed Height	Available Deflection (in)
LANST600	2.13"	1.96"	600	2.0"	95	1.00"
				1.9"	155	
				1.8"	214	
				1.7"	273	
				1.6"	334	
				1.5"	402	
				1.4"	475	
				1.3"	549	
				1.2"	623	
				1.1"	700	

2-1/4" I.D. Coil-Over Springs

Rate	Part No.
4' Tall	
400	LAN4VB400
10' Tall	
250	LAN10VB250
300	LAN10VB300
400	LAN10VB400
475	LAN10VB475
500	LAN10VB500
550	LAN10VB550
600	LAN10VB600
650	LAN10VB650
12' Tall	
125	LAN12VB125
150	LAN12VB150
200	LAN12VB200
225	LAN12VB225
250	LAN12VB250
275	LAN12VB275
300	LAN12VB300
400	LAN12VB400

1.9" I.D. Variable Body Coil Springs

Springs provide a high rate of travel and are lighter in weight, resulting in increased linear spring rate.

Description	Part No.
8" Tall	
110	LANXVB110
160	LANXVB160
170	LANXVB170
190	LANXVB190
220	LANXVB220
260	LANXVB260
300	LANXVB300
320	LANXVB320
10" Tall	
110	LANTVB110
120	LANTVB120
130	LANTVB130
140	LANTVB140
150	LANTVB150
160	LANTVB160
170	LANTVB170
180	LANTVB180
190	LANTVB190
200	LANTVB200
220	LANTVB220
250	LANTVB250

Quarter Midget Coil Springs

Specifically designed to meet the demands of Quarter Midgets, 1-5/8" I.D. coil-over springs are manufactured in the USA from premium chrome silicon material and utilize an ultra-lightweight, maximum travel design to reduce unsprung weight. Offered in 4" and 5" free lengths.

Rate	Part No.
4' Tall	
95	LAN4QM095
100	LAN4QM100
5' Tall	
75	LAN5QM075
100	LAN5QM100
105	LAN5QM105

Spring Bags

Designed to endure the rigors of oval track racing, spring bags help protect costly coil-over shock absorbers from dirt and debris, while also keeping spring/shock set-up confidential from the competition.

Part No.	Description
2.5"-3.0" Spring I.D.	
LANSB10	10" Tall
LANSB12	12" Tall
LANSB14	14" Tall
5.0" Spring O.D.	
LANSB13	8"-13" Tall
LANSB16	14"-16" Tall
LANSB20	18"-20" Tall

Valve Seat Pressure Testers

On-head, adjustable testers work with shaft-style and stud-mount rocker arms and include 0-600 PSI liquid-filled gauges. Slant handle is ideal for confined engine compartments.

Part No.	Description
LSMPC-100	Standard Handle
LSMPC-100SLC	Slant/Straight Removable Handle
Related Component	
LSMPC-104	4" Handle Extension for LSMPC-100 or LSMPC-100SLC

"Spring Machine" Bench-Top Valve Spring Tester

The "Spring Machine" accurately and easily measures valve spring pressure. Simply compress the spring to the specified installed height, lock down the stop, and read the gauge. Horizontal design is exceptionally stable. Choose 600 or 1,000 lb. gauge.

Part No.	Description
LSMSM-600	600-lb. Gauge
LSMSM-1000	1,000-lb. Gauge
Accessory Component	
LSMSM-050-SET	Dial Indicator and Base, 0-1.000", Allows Precise Measurements NEW!

Valve Spring Compressor

LSMSC-2000

Double-adjustable compressor can compress just about any valve spring. Integral spring cage's 1" diameter works perfectly with most springs.

Valve Spring Removal Tools

LSM's innovative tools are available for most cylinder heads and make changing valve springs an easy, one-man operation.

Part No.	Description
LSMSC-100AL	SB Chevy with Jesel/T&D/ Buick with Jesel
LSMSC-150	SB Pontiac/Windsor Ford, All with T&D
LSMSC-167	GM LS Series
LSMSC-200	SB2 with Jesel/T&D, SB Ford with Jesel/T&D, BB Chevy with Jesel/T&D
LSMSC-800	Stud Mount Spring Changer, All 7/16" Stud Mount Rocker Systems

"One Tool" Valve Lash Adjusting Tool

Handy adjusting tool can be used with virtually any shaft or stud mount rocker setup. Snap on a 1/2" drive socket and insert the correct hex key. The knurled, anti-slip handle provides a secure grip, even with oily hands. Bushings to accept four different sized T-handles are included. T-handles are not included, but are available separately.

Part No.	Description
LSM1T-100	"One Tool" Valve Adjusting Tool
LSM1T-1/8	1/8" T-Handle
LSM1T-5/32	5/32" T-Handle
LSM1T-3/16	3/16" T-Handle
LSM1T-7/32	7/32" T-Handle

Double-Wide Stacker Rod Vise

LSMRV-100

The proper tool to assemble and torque connecting rods prior to checking them for sizing. Also suited to securing rods for lightening, balancing, installing rod bolts, beam polishing or machining. Simply clamp the billet 6061-T6 aluminum tool in a vise, or permanently mount it to a bench top. Tool has a 7.680" wide x 2.250" opening and can accommodate one, two, or four rods at a time.

Dual Feeler Gauge Holder

Ideal when setting intake and exhaust valve clearance, Holder secures two sets of 1/2" wide feeler gauges on a single handle. Purchase feeler gauges separately.

Part No.	Description
LSM Racing	
LSMFH-200R	Feeler Gauge Holder, Red
LSMFH-200BL	Feeler Gauge Holder, Blue
Allstar Performance	
ALL96420	Standard Feeler Gauge Set
ALL96421	Angled Feeler Gauge Set

Lifeline® Champions of Safety

NEW VENDOR

Zero 360 SFI 17.3 5-lb. Sprint Fire Suppression System *LIF103-101-009-LOW*

Fire suppression system utilizes automatic fire detection and deployment with secondary manual activation. Weighing just 7 lbs., SFI-approved system features a 5-lb. bottle filled with Novec 1230, which extinguishes fires quickly. Manually activated nozzle is placed to cover the interior of the vehicle, while the auto nozzle is directed at the fuel lines, the most likely source of a fire. Includes (1) fitted manual nozzle, (1) fitted automatic detection nozzle, (1) 6' pull cable, (1) 5-lb. bottle, (2) low-profile 1-3/8" offset roll cage clamps, and necessary hardware.

AFFF Hand-Held Fire Extinguisher

Portable fire extinguisher is ideally suited to passenger cars, trailers, or work shops. Filled with AFFF (Aqueous Film Forming Foam), a non-toxic, ozone-friendly suppressant. Not approved for use in motorsports. ***Note: Service and recertification every two years is critical as product will dry and harden with age.***

Part No.	Description
LIF201-100-001	1.0 L
LIF201-100-002	1.75 L
LIF201-100-003	2.4 L

LOCTITE®

Low-Strength Purple Threadlocker 222 *LOC555339*

Product is designed for low-strength thread locking of adjusting screws, countersunk head screws, and set screws. Threadlocker prevents loosening on components subject to vibration. Sold in 6 ml tube.

Medium-Strength Blue Threadlocker 242

All-purpose medium-strength blue threadlocker is well suited for bolt and nut applications from 1/4" to 3/4". Locks threads and seals, while preventing parts from loosening due to vibration. Disassembly may be performed using hand tools.

Part No.	Description
LOC487229	6 ml Tube
LOC492140	36 ml Bottle

Surface Insensitive/Medium-Strength Threadlocker 243

General-purpose, medium-strength blue threadlocker features improved oil tolerance, making it ideal for use with rocker studs, rocker adjuster nuts, etc. Designed for fasteners from 1/4" to 3/4". Disassembly may be performed using hand tools.

Part No.	Description
LOC1330799	6 ml Tube
LOC1330906	36 ml Bottle

High-Strength Red Threadlocker 262

Permanent, high-strength threadlocker is compatible with fasteners up to 3/4" and is applied prior to assembly. Secures parts that must endure heavy shock, vibration, or extreme chemical conditions. Localized heating may be required to separate parts.

Part No.	Description
LOC487231	6 ml Tube
LOC492141	36 ml Bottle

Surface Insensitive/High-Strength Threadlocker 263

Designed for the permanent locking and sealing of threaded fasteners, 263 is formulated to cure between close-fitting metal surfaces, preventing loosening from shock and vibration. Compatible with brass, copper, stainless steel, and plated surfaces.

Part No.	Description
LOC2203451	6 ml Tube
LOC2205310	36 ml Bottle

Heavy-Duty Red Threadlocker 271

Red Threadlocker 271 is engineered for heavy-duty fasteners up to 1", adding 3,000 PSI of holding power to slip or press fit components. Prevents loosening due to vibration, while eliminating the need for set screws and snap rings. Localized heating may be required to separate parts.

Part No.	Description
LOC487232	6 ml Tube
LOC492142	36 ml Bottle

Heavy-Duty Threadlocker 277 *LOC555353*

High-strength threadlocker is designed for locking 1" and larger bolts or studs including frame brackets, shock mounts, or suspension fasteners. Localized heating may be required to separate parts. Sold in a 36 ml bottle.

Penetrating Threadlocker 290

Green, low-viscosity threadlocking liquid that wicks along the threads of pre-assembled fasteners to secure them in place. Heat required for removal.

Part No.	Description
LOC487234	6 ml Tube
LOC492144	36 ml Bottle

Thread Treatment Stick Assortment Pack *LOC576507*

Conveniently packaged kit includes five different thread treatments. May be used effectively, whether upside down, right side up, or any angle in between. Includes LOC504466, LOC504467, LOC504468, LOC504469, and LOC37700.

Medium-Strength Blue Stick Threadlocker

Semi-solid threadlocker works just like traditional blue liquid. Well-suited for difficult repairs, such as overhead applications. Medium-strength, removable.

Part No.	Description
LOC506166	9 g
LOC504466	19 g

High-Strength Red Stick Threadlocker

High-strength semi-solid threadlocker. Where resistance to heavy shock, vibration, and stress is required. Heat required for removal.

Part No.	Description
LOC511537	9 g
LOC511535	19 g

Head Bolt and Water Jacket Sealant *LOC1158514*

Specialized sealant is a single component anaerobic hybrid product that lubricates fasteners during assembly and seals the gaps between the threads. Sealant locks bolts in place, preventing loosening, while acting as a lubricant to ease the removal of fasteners that penetrate water jackets. Sold in a 50ml tube.

High-Performance Thread Sealant *LOC483629*

Specifically formulated for metal, tapered metal pipe thread fittings, thread sealant replaces most tapes and pipe dopes. Sealant cures rapidly with the ability to withstand 10,000 PSI. Sold in 1.69-oz. tube.

High-Temperature PST 592 Thread Sealant

Locks and seals threaded fittings, eliminating leaks and loosening. Thread sealant PST 592 won't shred or wear like tape and works in temperatures up to 400°F. Ideal for through-hole head bolts, oil sending units, rear axle fill plugs, etc.

Part No.	Description
LOC483631	6 ml Tube
LOC483630	50 ml Bottle

Thread Sealant PST® Stick - High-Performance *LOC504467*

Semi-solid pipe sealant. Immediate low-pressure sealing, eases disassembly, will not contaminate/clog lines. For tapered metal pipe threads/fittings.

Pneumatic/Hydraulic Thread Sealant 545 *LOC492145*

Specifically engineered for sealing high-pressure pneumatic or hydraulic systems such as brake, transmission, or hydraulic line fittings. Sealant uses no ingredients that could contaminate fluids, clog filters, or restrict valves. Controlled locking strength aids disassembly. Sold in 36 ml bottle.

High-Temperature Bearing Mount 620 *LOC555338* NEW!

High-temperature, high-viscosity liquid retaining product offers a shear strength of over 3,800 PSI. Secures metal cylindrical assemblies with up to .015" clearance, while preventing metal fretting, corrosion, and seal leakage. Sold in 1.22-oz. tube.

Bearing Mount Stick *LOC640482*

Semi-solid bearing mount for bonding non-threaded, cylindrical metal assemblies.

Oil and Gas Resistant Adhesive *LOC1252795*

A neoprene-based adhesive and sealant that bonds to metal, rubber, plastic, weatherstrip, and carpet. Multi-purpose product is oil and gas resistant, and offers an easy application. Sold in 30 ml tube.

Rearview Mirror Adhesive *LOC487865*

Bonds rear view mirror to windshield quickly and effectively.

Super Glue Control UltraGel *LOC1363589*

Product allows bonding items quickly, while maintaining resistance to impact, shock, vibration, and extreme temperatures. Specially-formulated, rubber-toughened adhesive offers time to align pieces, dries clear, and sets without the need for clamping. Sold in 4 g bottle.

Quicktite® Super Glue Gel *LOC636095*

Gel formula super glue in a controlled dispense, clog-free package. Ideal for porous surfaces and vertical applications.

Large Gap Gel Adhesive *LOC1807961*

Ultra-fast 3092 gel adhesive is suitable for bonding plastic, rubber, and porous materials with gaps of up to 2mm in depth. Sold in a 10 g syringe with (3) mixture nozzles.

Locweld™ Bonding Compound *LOC495540*

A 15-minute, 2-part adhesive system that eliminates the need for welding or brazing. Can be drilled, sanded, painted, or filed. Resists automotive, shop, and cleaning fluids.

Epoxy Mixer Cups *LOC494151*

Convenient and pre-measured, epoxy mixer cups eliminate the associated mess, guess, and waste associated when mixing epoxy. Grey adhesive bonds glass, hard plastics, rubber, and metal, and has superior chemical resistance. May also be used to fill porosities and build-up worn parts. Includes (10) 0.12-oz. cups.

RTV Black Silicone

General-purpose, black indoor/outdoor sealant. Seals, bonds, repairs, and secures glass, metal, plastics, fabric, vinyl, weatherstripping, and vinyl wiring. Waterproof and flexible to 450°F. Resists oil, water, weather, vibration, and grease.

Part No.	Description
LOC491979	80 ml Tube
LOC495315	300 ml Cartridge

RTV Clear Silicone

General-purpose, clear indoor/outdoor sealant. Seals, bonds, repairs, and secures glass, metal, plastics, fabric, vinyl, weatherstripping, and vinyl wiring. Waterproof and flexible to 450°F. Not for use on copper, brass, or galvanized metals.

Part No.	Description
LOC491981	80 ml Tube
LOC495076	300 ml Cartridge

Silicone Gasket Makers

High-performance, fast-curing formulas are non-corrosive, more flexible than cork/composite gaskets, and more oil-resistant than conventional silicones. Sold in 80 ml tubes, 300 ml cartridges, and 8.75-oz. aerosol cans.

Description	Part No.
-75°F-500°F	
80 ml Tube	
RTV 587 Blue	LOC491983
RTV 5699 Grey	LOC491982
RTV 598 Black	LOC491985
300 ml Cartridge	
RTV 598 Black	LOC495074
-75°F-700°F	
80 ml Tube	
RTV 5920 Copper	LOC491984
8.75-oz. Aerosol Can	
RTV 5920 Copper	LOC495075
-65°F-500°F	
80 ml Tube	
RTV Sensor Safe Blue	LOC491980
-75°F-600°F	
80 ml Tube	
RTV Sensor Safe Red	LOC492001

Weatherstrip Adhesives

Fast-drying, high-strength, waterproof adhesive for bonding automotive weather-stripping and moldings. Withstands temperature extremes. Resistant to fuels, oils, grease, and most solvents. 5-fl. oz. tube.

Part No.	Description
LOC495541	Black Weatherstrip Adhesive
LOC782111	Yellow Weatherstrip Adhesive

Ready Gasket *LOC494150*

Make leakproof, blowout-resistant gaskets in just one minute. Specified on the production lines by GM, Ford, and Chrysler, elastomeric rubber gasket maker is sensor safe and outperforms pre-cut gaskets. Sold in a 5-oz. cartridge. Temperature range of -75°F to 450°F.

Hi-Tack Stick Gasket Dressing *LOC640807*

Similar in function to Hi-Tack Gasket Sealant liquid, but solvent free, less messy, and low odor. Wax-like stick quickly forms a very tacky film to seal and hold the heaviest gaskets in place. Resists all automotive fluids. Sold in 19 g stick.

Anaerobic Gasket Makers

Flexible gasket material eliminates preformed, pre-cut paper and cork gaskets. Ideal for water pumps, thermostat housings, transmissions pans, etc. Gasket Maker 515 is designed for rigid, machined surfaces with less than .015" gap, while the Gasket Maker 518 is for use on flanged mating surfaces with gaps up to .050". Sold in 50 ml tubes.

Part No.	Description
LOC555352	Gasket Maker 515, 50 ml Tube
LOC2096059	Gasket Maker 518, 50 ml Tube

High-Flex Gasket Maker *LOC555354*

Anaerobic form-in-place gasket maker that fills gaps to 0.020" and cures to a tough solvent-resistant gasket that flexes with flange movement caused by vibration, pressurization, or thermal change. Temperature resistant to 350°F.

Silver Anti-Seize Lubricant *LOC501000*

A heavy-duty, temperature-resistant (to 1,600°F), petroleum-based lubricant compound fortified with graphite and metallic flakes. Will not evaporate or harden in extreme cold or heat. Use during assembly to prevent seizing, galling, and corrosion.

Aviation Gasket Sealant *LOC1525607*

Non-hardening brushtop gasket dressing resists gasoline, oil, and grease, and is designed for close-fitting machined surfaces, sealing hoses, and solid gaskets. Sold in a 16-oz. brush-top can.

Copper Anti-Seize Stick *LOC504468*

Same performance as traditional Loctite® copper anti-seize paste in a semisolid stick form, offering more portability and less mess. Heat-resistant to 1,800°F.

Silver Anti-Seize Stick *LOC504469*

Same performance as traditional Loctite® silver anti-seize paste in a semisolid stick form, offering more portability and less mess to 1,600°F.

Copper Anti-Seize Lubricant *LOC555336*

Copper anti-seize and thread lubricant is used to prevent seizing, corrosion, and galling under high temperatures. Ideal for spark plug threads installed in aluminum heads, exhaust components, and bolts, etc. Sold in a 8-oz. brush-top can.

Dielectric Tune-Up Grease

Provide moisture-proof barrier that lubricates and protects electrical connections/wiring from salt, dirt, and corrosion. Extends life of bulb sockets. Prevents voltage leakage around electrical connections.

Part No.	Description
LOC495545	.33-oz Tube
LOC495549	.80 ml Tube

Heavy-Duty Rubberized Undercoating *LOC502908*

A heavy-duty undercoating that seals, protects, and insulates. Rubberized for maximum durability. Sold in 16-oz. aerosol can.

Computerscales XLi with 7" Tablet

LON52-72726

New Computerscales XLi offers true wireless convenience with absolutely no wires to trip over. Convenient, easy-to-use system features a full-color, high-resolution 7" tablet that is all set up and ready to use. From the pads directly to the tablet, system includes the ability to display all partial weights and percentages, memory with current weights, while wheel weights and car icon may be rotated as desired for best viewing. System is sold complete with 15" x 15" x 2-1/2" single- or dual-cell pads, 7" tablet, and foam-lined silver storage case.

Part No.	Description
LON52-72715	7" Tablet, Single Cell Pads
LON52-72726	7" Tablet, Dual Cell Pads

DX2 Wired/Hybrid Semi-Pro Scales

LON52-72613

All-new hybrid system is a part wired/part wireless scale. Large 7" color tablet displays all weights and partial percentages. Cables connect pads to controller, while tablet can be removed and used wirelessly. Built-in memory function allows storing the past ten weights and percentages. Sold complete with controller, cabling, 15" x 15" 1,500-lb. capacity single-cell pads, and related hardware.

DX3 Wired/Hybrid Pro Scales

LON52-72653

Professional level DX3 scale system incorporates a Hybrid part wired/part wireless design. Huge 10" full-color tablet shows all weights and partial percentages simultaneously, and can be removed from the controller and used wirelessly. System additionally allows on-screen note taking, displayed side-by-side with weights, and partial percentages that may be customized. Extensive memory functions allow storing up to 50 weights and percentages. System is sold complete with controller, 15" x 15" 1,800 lb. capacity dual-cell, low-deflection scale pads, cabling, and related hardware.

AccuSet II Computerscales

New, improved AccuSet II Computerscales feature a slanted display for easier reading. Simple to set up and use: push a single button for all four wheel weights and cross weight, and push a second button for all partial percentages. Sold complete with satin finished LMF (Liquid Metal Forging) scale pads, heavy-duty red HiFlex cables with billet AN connectors, and heavy-duty silver carrying case. Covered by a 2-year limited warranty.

Part No.	Description
LON52-72582	12" x 12" Scale Pads, 1,100-lb. Capacity
LON52-72593	15" x 15" Scale Pads, 1,500-lb. Capacity
LON52-72663	15" x 15" Scale Pads, 3,500-lb. Capacity

Storage/Transport Box for Scale Pads

LON52-72292

Storage box secures 15" scale pads, keeping them protected when not in use. May also be used to store radios and other delicate equipment. Heavy-duty, aluminum-framed case is 16" x 11-5/8" x 15" and has scuff-resistant sides.

Roll-Off Levelers for 2-1/2" Scale Pads

LON52-72905 NEW!

Lightweight, yet more rigid than previous designs, Roll-Off Levelers allow rolling the car off of 2-1/2" scale pads and back on again, effectively eliminating camber bind. Durable, welded aluminum roll-offs include (6) HD swivel screw-in feet to provide eased leveling, regardless of surface. Designed for use with 15" x 15" x 2-1/2" single load cell scale pads, levelers are sold in a set of four, with wheel stops on two for safety.

Individual Scale Pad Levelers

LON52-72900

Easily level a complete scale system in just minutes for an accurate set-up anywhere. Fits any Computerscale pad. Set of four.

Replacement Scale Pad Swivel Feet

Used on scale pads and roll-off levelers, swivel feet are offered in two versions. Sold per pair.

Part No.	Description
Standard Length	
LON52-72894	1/2"-13 Screw-In Swivel Feet, 4" Long
LON52-72896	Pop-Out Swivel Feet, 4" Long

Aluminum Turn Plates

LON52-79800

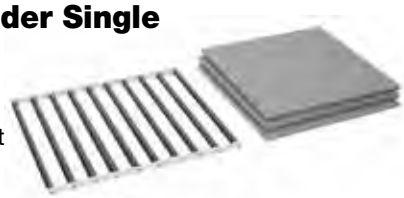
Check Ackermann and other steering-related settings with outstanding accuracy. Lightweight design reads to 1/2° and is free-floating in two directions for no bind. Can be zeroed with the car in place. Sold per pair.

Replacement Scale Charger

LON52-72550

Replacement charger is for early scale systems that used rechargeable batteries. Charger is for 110-volt input and includes a 1/4" tip.

Economy SideSlider Single
LON52-72870



Engineered to increase chassis scaling accuracy, SideSlider allows the front wheels to move sideways effortlessly, relieving any camber-induced bind that occurs when letting the wheels down onto the scale pads. Simply install SideSlider under the left front wheel and scale pad, which has the most camber change, and use the included (3) spacers to level the chassis.

Aluminum Scale Ramps
LON52-72537

Formed aluminum, 36" long ramps allow eased entry onto low-profile 2-1/2" scale pads. Significantly quicker than using a jack, ramps are sold as a set of four.

"3D" Ball Roller SideSliders
LON52-72875

Deluxe "3D" Ball Roller SideSliders increase scaling and chassis set-up accuracy, even when wheels are turned. Side-Sliders move sideways, forward, backward, and also rotate. Supported by low-friction, polymer ball bearings, set includes (2) "3D" SideSliders and (2) spacers to level the chassis set-up. Must be used under scale pads.

Toe-In Gauge *LON52-79620*

Used with the LON52-79610 Tire Scribe, this gauge allows one person to accurately measure toe to within 1/16". Adjusts up to 70" in width.

Toe-In Bar *LON52-79622*

One person can perform toe measurements more quickly and easily. Similar to Longacre 52-79620, but this new model requires no scribe line and measures to the outside of the tire. Slide the rod against the tire and measure toe to within 1/16". Toe-in bar is constructed from billet aluminum and features small wheels, allowing it to easily slide underneath the car. Adjusts to up to 88" in width for use on wide-track cars including Corvettes, etc.

Tire Tape

Suitable for a wide variety of measuring, tire tapes are offered in two versions.

Part No.	Description
LON52-50870	1/4" Wide x 10' Long
LON52-50875	3/4" Wide x 16' Long

Plumb Bob Kit *LON52-50820*

Economical kit allows checking that rear end or chassis is square. Includes (2) plumb bobs and string.

Chassis Height Measurement Tool

Versatile tool may be used to accurately measure chassis height in three different situations: car directly on the ground, car on scale pads, or dynamically as work on the car is performed. Set of four allows viewing height at all four corners without having to bend over. Includes metric scale.

Part No.	Description
LON52-78320	Short 24" for Perimeter Frames
LON52-78325	Long 36" for Straight Rail Cars (On RH Side)

Laser Chassis Height Gauge and Level

Self-leveling beam laser allows checking actual ride height while the car is on scales or on a leveler. Includes laser and (4) easy-to-read targets that are held to the frame with magnets and a separate pad leveling target for leveling the scale pads, effectively creating a "ground plane" to measure chassis heights. Sold complete with hard case. Choose from systems with 2"-6" or 2"-8" target ranges.

Part No.	Description
LON52-72983	2"-6" Target Range
LON52-72985	2"-8" Target Range NEW!
Replacement Components	
LON52-72988	Replacement Target, 2"-6"
LON52-72989	Replacement Target, 2"-8"

Toe-In Plates
LON52-79501

Rest plates against the tire on each side and use a tape measure. Two tape measures included.

Deluxe HD Toe-In Plates
LON52-79505

Thick, heavy-duty toe plates provide increased accuracy, and include a higher kick-out on bottom, which hold the plate against the wheel better. Magnets on one plate holds measuring tapes in place and an incorporated pointer allows obtaining easy, accurate measurements. Sold per pair.

Mini Chassis Height Checke
LON52-78318

A shortened, simplified version, Mini unit checks chassis height quickly and accurately. Simply push unit under car, raise the tape with the knob, pull it out and read the height. Unit is accurate to 1/16" and has a range of 2"-8".
Note: Unit does not measure height dynamically as you work, or if car is on scales. It must be removed to read chassis height.

Acculevel Basic Digital Level
LON52-78310

Handy digital level allows quickly measuring suspension, spoiler angles, etc. Simple and easy to use, unit reads .1° +/- from 0°-90°.

Coil Spring Tester LON52-73505

Coil spring tester combines a rigid billet aluminum frame with an electronic digital indicator to deliver consistent, precise spring tests. Unit includes the ability to accommodate coil or coil-over springs up to 5-1/2" O.D. and from 6" to 20" tall. Measures spring travel to as little as .001" and spring rates from 0-3,000 lbs. in 1-lb. increments.

5-Gallon Deluxe Lightweight Air Tank

Ultra-lightweight, 0-60 PSI aluminum air tanks are easy to transport and include a special inlet valve allowing tank to be filled in less than 15 seconds using the included air quick-change coupler. Tank is also available with a deluxe quick-fill tire gauge with angle chuck for easy tire filling.

Part No.	Description
LON52-50315	Includes Quick-Fill Tire Gauge
LON52-50316	Tank Only

Liquid-Filled Quick-Fill Tire Pressure Gauge
LON52-52008

Precision gauge allows filling tires twice as fast as other air pressure gauges. Pressure may be read without removing air chuck, while the built-in tire bleed button allows releasing excess air pressure. Gauge features a 2-1/2" dia. liquid-filled, glow-in-the-dark dial face, 17" long hose with angle chuck, and an included ball chuck.

Deluxe Quick-Fill Tire Pressure Gauge
LON52-52009

Simply connect to air line, press the lever and fill tires twice as fast as conventional tire fill gauges. Deluxe 0-60 PSI gauge features a large, 2-1/2" diameter dial face, and bleed button to release excess pressure.

Quick-Fill Digital Tire Pressure Gauge LON52-53008

Fill tires quickly with the quick-fill digital tire pressure gauge. Gauge connects directly to air line, features a 0-60 PSI range, and reads to .1 PSI. Sold complete with angle and ball chuck, and a foam-lined silver storage case.

Pro Precision Tire Gauge
LON52-52000

The choice of professional race teams, gauge utilizes a large, 4-1/2" glow-in-the-dark dial face with 0-60 PSI pressure range in 1/2-lb. increments. Includes a 17" hose with dual air pressure release buttons, installed swivel angle chuck, and alternate ball chuck included. Sold complete with hard storage case.

Basic Tire Pressure Gauges

Basic economically-priced tire pressure gauge uses an internal gauge damper to deliver accurate readings and extended durability. Each gauge features a 2" diameter dial face, air pressure release button, 14" long hose, and swivel chuck.

Part No.	Description
LON52-52034	0-15 PSI
LON52-52024	0-30 PSI
LON52-52004	0-60 PSI

Deluxe Tire Pressure Gauges

Deluxe gauges incorporate large, 2-1/2" diameter glow-in-the-dark dial faces for quick, easy gauge reading. An internal gauge damper helps provide accurate, consistent readings. Each gauge includes high-flow air release button and 17" long, ultra-flexible hose with swivel chuck.

Part No.	Description
LON52-52033	0-15 PSI, Dual Bleed
LON52-52023	0-30 PSI
LON52-52013	0-40 PSI
LON52-52003	0-60 PSI
LON52-52053	0-100 PSI, Angle Chuck
LON52-52063	0-100 PSI, with “Foot” Valve for Dual Wheels

Liquid-Filled Tire Pressure Gauges

A liquid-filled tire pressure gauge that is accurate regardless of temperature. Incorporates a pressure equalizer knob, which is set prior to use to ensure accuracy. Gauges feature 2-1/2" diameter, glow-in-the-dark dial faces, 17" long hoses, and swivel chucks.

Part No.	Description
LON52-52032	0-15 PSI
LON52-52022	0-30 PSI
LON52-52012	0-45 PSI
LON52-52002	0-60 PSI

Magnum Tire Pressure Gauges

Huge 3-1/2" diameter glow-in-the-dark dial face for easy reading. An internal gauge damper helps provide accurate, consistent readings. Packed in a foam-lined silver case, gauge includes dual, high-flow release buttons and 17" long hose with swivel chuck.

Part No.	Description
LON52-52031	0-15 PSI
LON52-52021	0-30 PSI
LON52-52011	0-40 PSI
LON52-52001	0-60 PSI

Longacre® Racing Products

Basic Digital Tire Pressure Gauges

Affordable, accurate gauge provides easy-to-read, digital tire pressure readings. Reads to .2 PSI with .8% accuracy. Features a 2" diameter face with large numbers, air release button, and high-flex hose.

Part No.	Description
LON52-53006	0-60 PSI
LON52-53036	0-100 PSI

Semi-Pro Digital Tire Pressure Gauge *LON52-53003*

Precision digital tire pressure gauge reads 0-60 PSI in .1 increments with up to .5% accuracy. Gauge includes a 2-1/2" backlit dial face, air release button, high-flex hose, and swivel chuck.

Pro Digital Tire Pressure Gauges

Top-of-the-line gauges combine superior accuracy and exceptional readability. Reads to .3% accuracy with a wide temperature operating range. Auto-Off feature helps extend battery life. Fitted with rubber gauge bumper, 17" long hose, and swivel chuck. Sold in a foam-lined silver storage case

Part No.	Description
LON52-53000	0-60 PSI, with Angle and Ball Chuck
LON52-53010	0-25 PSI, with Dual Bleed Buttons
LON52-53028	0-125 PSI, with Angle and Ball Chuck

Ultimate Digital Tire Pressure Gauge *LON52-53053*

Precise 3-1/2" dia. tire pressure gauge with digital readout displays 0-100 PSI in .1 increments with .1% accuracy. Gauge also functions as a tire pyrometer, displaying 12 tire temperatures. Sold complete with silver case.

Temperature-Compensating Tire Pressure Gauge *LON52-53050*

Professional-style gauge corrects tire pressures back to a standard temperature, displaying what the pressure would be if the tire was actually at that temperature. Digital gauge reads 0-100 PSI in .1 increments with .1% accuracy. Gauge also functions as a traditional tire pressure gauge and includes the ability to act as a tire pyrometer, displaying 12 tire temperatures. Sold complete with silver case.

Angle Tire Gauge Chuck *LON52-50496*

Compact, angle chuck may be used with any tire gauge using a 1/4" hose.

Replacement Tire Gauge Lens *LON52-50497*

Replacement glass lens for tire pressure gauges with 2" dial face.

High Temp Valve Stem Quick-Change Valve Stem Grommets

Silicon grommets can withstand up to 400°F. Sold in four packs.

Part No.	Description
LON52-50301*	Valve Stem Quick-Change Grommets
LON52-50008	Replacement Tirelief O-Rings and Quad Seals (4)

**** Not for use with LON52-50265 low-profile brass valve stems.***

Low-Profile Valve Stems *LON52-50265*

Low-profile brass valve stems are complete with high-temperature grommets. Pack of four.

Tirelief Kit *LON52-50100*

Pro-Team Tirelief Kit has 12 sealing adapters, six relief valves with covers, setting tool, inflation adapter, and carrying case.

Tireliefs

Tireliefs relieve heat-caused pressure build-up during a race, preventing critical changes in stagger and weight distribution. Will not affect wheel balance. Sets of four.

Part No.	Description
LON52-50000	Adjustable Tirelief 3-40 PSI
LON52-50240	Quick-Change Adapter
LON52-50290	Tirelief Setting Tool

Tirelief Inflation Adapter *LON52-50220*

Used to air up tires when a Tirelief quick change adapter is installed in the valve stem hole.

Valve Core Tools

LON52-50270

Replace valve cores quickly. Deluxe aluminum tool stores valve cores in the handle (three cores included). Compact tool may be attached to a key chain.

Part No.	Description
LON52-50270	Deluxe Valve Core Tool
LON52-50272	Compact Valve Core Tool
LON52-50274	4-Way Valve Core Repair Tool

Basic Durometer *LON52-50553*

Economical durometer checks race tire hardness from 0-100 points. Dial may be zeroed for accuracy. Sold in red plastic storage case.

Deluxe Durometer *LON52-50546*

Deluxe durometer includes a new design and is engineered to be more accurate. Dial-style unit features a straight edge on base to "rock" durometer for increased accuracy, has a non-slip coating for better grip, and reads from 0-100 points. Sold complete with calibration test block, pouch, and a foam-lined silver storage case.

Longacre® Racing Products

Digital Durometer *LON52-50547*

Easy-to-use and easy-to-read tire durometer measures tire hardness, featuring a digital read-out. Tester uses a straight edge on base to "rock" durometer for more consistent results, while the non-slip coating offers an improved grip. Accurate up to .5 (Shore "A" scale). Sold complete with silver storage case.

Digital Tread Depth Gauge *LON52-50565*

Digital gauge is accurate to .001". Quick and easy to use, gauge features a precision, billet aluminum base. Sold in a hard storage case.

Tread Depth Gauge *LON52-50560*

Easy to read and easy to use, tread depth gauge reads in 1/32" increments, and is accurate to .010". Sold with storage pouch.

Deluxe Durometer and Tread Depth Gauge Set *LON52-50556*

Tire management set includes LON52-50546 deluxe durometer and LON52-50560 tread depth gauge. Sold complete with silver case.

Digital Durometer and Tread Depth Gauge Set *LON52-50557*

Set includes LON52-50547 digital durometer and LON52-50560 tread depth gauge. Sold complete with silver case.

Infrared Laser Pyrometers

Laser-sighted pyrometer delivers instant response and non-contact temperatures. Choose from units that measure up to 600°F or 1,400°F.

Part No.	Description
LON52-50612	Up to 600°F
LON52-50615	Up to 1,400°F

Dual-Function Infrared Laser Pyrometer with Probe *LON52-50620*

Dual-function unit operates as a probe-type or non-contact infrared laser pyrometer, delivering fast, accurate response in either mode. Tire probe has a range up to 500°F, while infrared function can monitor temperatures up to 1,400°F. Sold complete with standard tire probe and hard case.

Deluxe Digital Pyrometer *LON52-50640*

Performs instant temperature readings from 0-2,000°F and holds the highest temperature attained. Compare temperatures with the press of a button. Includes foam-lined case.

Memory Tire Pyrometers

Longacre standard and deluxe pyrometers record and display 12 tire temperatures at the same time and store 10 complete sets of temperatures with recall. Deluxe version will compute average tire temperatures for each tire, and features a backlit display with automatic shut-off and a 4-car, 75-lap memory stopwatch. The deluxe pyrometer can start recording tire temperatures at any corner. The standard unit must start at the right front tire.

Part No.	Description
LON52-50682	Standard Pyrometer
LON52-50690	Deluxe Pyrometer

Memory Tire Pyrometer with 7" Tablet *LON52-50650*

Memory tire pyrometer, complete with 7" Android tablet, allows close monitoring, recording, and documenting of tire temperatures Tablet features a high-resolution screen. stores up to 99 sets of temperatures, allows scrolling up or down to compare current temperatures, and calculates averages for any selected temperature set including all four tires, left side, right side, or front and rear. Unit additionally allows memory locations and note taking. Sold complete with wireless adjustable tip probe, screen protector, and charger. May also be purchased less tablet.

Replacement Tire Probes

Replacement tire probes with coil cords fit all current Longacre pyrometers.

Part No.	Description
LON52-50730	Replacement Tire Probe
LON52-50750	Replacement Adjustable Depth Tire Probe

Roller Stagger Gauge *LON52-50846*

Stagger gauge incorporates a single roller to allow easier, more accurate measurements. Manufactured from rigid, 3/8" thick billet T6 aluminum, stagger gauge includes two scales, which allow it to be used on the car or on the ground.

Economy Billet Aluminum Stagger Gauge
LON52-50840

Affordable stagger gauge is constructed using thick, 3/8" T6 billet aluminum tubing for superior rigidity, held to tight tolerances for maximum accuracy. Unit includes scales on two sides, and measures from 62" to 110" in 1/8" increments.

Two-Car Stopwatch Clipboard
LON52-22321

Lightweight, powder-coated aluminum clipboard is complete with two Robic SC606W stopwatches. Stopwatches allow clocking every lap, counting laps up to 999, and have a 50-lap memory. Includes professional, color lap charts with practice times on back.

Tire Roller with Tape
LON52-50853

Multiple function tire roller may be used to check stagger easily and accurately, while also functioning as a means to clean or groove tires, or check tires for leaks, damage, and condition. Includes 10' stagger tape.

Chassis Sheets
LON52-22528

Two-sided sheets are punched for a 3-ring binder. Comes with a pad of 50 sheets.

Sportsman Elite Gauges NEW!

Also available individually, 2-1/2" dia. mechanical gauges are accurate, reliable, and affordable. Gauges include white dial faces with bright red pointers and built-in LED back lighting.

Part No.	Description
LON52-46900	Oil Pressure, 0-100 PSI
LON52-46901	Fuel Pressure, 0-15 PSI
LON52-46902	Water Temperature, 100°-280°F
LON52-46903	Oil Temperature, 100°-320°F
LON52-46904	Water Pressure, 0-60 PSI

Sportsman Elite Gauge Panels NEW!

Completely pre-wired and ready to install, lightweight aluminum panels are fitted with Sportsman Elite gauges. Engineered to offer exceptional reliability and accuracy, 2-1/2" dia. mechanical gauges utilize white dial faces with bright red pointers, and LED back lighting with built-in warning functions. Gauges automatically change lighting color in the event of a problem, quickly alerting the driver. Sold complete with necessary senders.

Part No.	Description
LON52-46912	Oil Pressure/Water Temperature
LON52-46913	Oil Pressure/Water Temperature/Oil Temperature
LON52-46914	Oil Pressure/Water Temperature/Fuel Pressure
LON52-46915	Oil Pressure/Water Temperature/Water Pressure
LON52-46916	Oil Pressure/Water Temperature/Fuel Pressure/Oil Temperature
LON52-46917	Oil Pressure/Water Temperature/Fuel Pressure/Water Pressure
LON52-46918	Oil Pressure/Water Temperature/Fuel Pressure/ Oil Temperature/Water Pressure

Digital Elite Waterproof Gauge Panels

The Digital Elite gauges are unsurpassed in waterproof sealing, and exceptionally resistant to vibration, heat and moisture. Precision, 2-5/8" dia. gauges utilize LED digital numbers and illuminated dial lights, and may be custom set to desired warning settings. Panels are completely wired, ready for installation, and sold with necessary sensors. Gauges may also be purchased separately.

Part No.	Description
LON52-44660	2-Gauge Panel, Oil Press./Water Temp.
LON52-44662	3-Gauge Panel, Oil Press./Water Temp./Fuel Press.
LON52-44666	4-Gauge Panel, Oil Press./Water Temp./Oil Temp./Fuel Press.
Related Components	
LON52-46857	Oil Pressure Gauge, 0-120 PSI
LON52-46858	Fuel Pressure Gauge, 0-15 PSI
LON52-46860	Water Temperature Gauge, 100-280°F
LON52-46861	Oil Temperature Gauge, 100-340°F
LON52-46862	Voltmeter, 8-18 Volts
LON52-46863	Tachometer
LON52-46864	Water Pressure Gauge, 0-60 PSI

Stepper Motor Gauge Sensors

Engineered for use with stepper motor gauges, sensors are offered individually for replacement or for installation in spare engines.

Part No.	Description
LON52-43500	Water or Oil Temperature, 100°-280°F
LON52-43505	Water or Oil Temperature, 100°-340°F
LON52-43510	Fuel Pressure, 0-15 PSI
LON52-43520	Oil or Fuel Pressure, 0-100 PSI
LON52-43530	Pressure Sensor Wire
LON52-43532	Pressure Sensor Wire Harness, 0-15 PSI
LON52-43534	Pressure Sensor Wire Harness, 0-100 PSI
LON52-43536	Temperature Sensor Wire Harness

Digital Memory Tachometers

Extremely accurate digital tachometers have high-RPM warning light and easy recall function. Weigh only 1-1/2 oz.

Part No.	Description
LON52-44391	0-10,000 RPM Tachometer
LON52-44402	0-19,000 RPM Tachometer, Ideal for Quarter Midgets

Gagelites Engine Warning Light Systems

Bright indicator light warns of problems, helping to save expensive engine parts. Kits include sender, light, wire, terminals, and fittings.

Sender	Kit	Description	Pipe Thread Size
LON52-43080	LON52-40000	20 PSI Low Oil Press.	1/8" NPT
LON52-43000	LON52-40100	15-50 PSI Adj. Oil Press.	1/8" NPT
LON52-43241	LON52-40141	Low Water Press.	1/8", 1/4" NPT
LON52-43250	LON52-40150	230°F High Water Temp.	1/2" NPT
LON52-43252	LON52-40152	230°F High Water Temp.	3/8" NPT
LON52-43300	—	250°F High Water Temp.	1/2" NPT
LON52-43350	LON52-40350	270°F High Oil Temp.	1/2" NPT
LON52-43020	LON52-40250	2-7 PSI Adj. Low Fuel Press.	1/8" NPT
LON52-43021	—	4 PSI Low Fuel Press.	1/8" NPT

Low Oil Pressure Ignition Shut-Off Switch *LON52-43600*

If oil pressure drops below 12 PSI, ignition shuts down and engine cannot start until pressure is back up. Prevents engine damage. Use with momentary toggle switch LON52-45462.

Switch Panels

LON52-44869

Switch panels are assembled and wired using the same color code as Longacre gauge panels for an easy-to-understand, professional installation. Panels are fitted with heavy-duty 12-volt, 40-amp ignition switches, HD start buttons, high-capacity wire, and heat-shrunk terminals. Choose from lightweight black anodized aluminum or real carbon fiber panels.

Part No.	Description
Black Anodized Aluminum Switch Panels	
LON52-44861	Ignition Switch and Starter Button
LON52-44863	Ignition Switch with Flip Cover, Starter Button, and Pilot Lights
LON52-44865	Ignition Switch, Starter Button, Pilot Lights, and Four Accessories
LON52-44866	Ignition Switch, Starter Button, Pilot Lights, and Single Accessory
LON52-44867	Ignition Switch with Flip Cover, Starter Button, Pilot Lights, and Two Accessories
LON52-44869	Ignition Switch with Flip Cover, Starter Button, Pilot Lights, and Four Accessories
LON52-44871	Ignition Switch with Flip Cover, Starter Button, Pilot Lights, and Master Disconnect
Carbon Fiber Switch Panel	
LON52-44535	Ignition Switch with Flip Cover, Starter Button, Pilot Lights and Two Accessories

Weatherproof Switch Cover *LON52-45300*

Prevents moisture, dirt or contaminants from penetrating toggle switch.

Switch Panel Replacement Pilot Light *LON52-42300*

Replacement red pilot light includes necessary connectors.

Universal Switch Panel Mounts

Brackets fit current Longacre black and carbon fiber switch panels, and provide convenient bolt-on mounting directly to roll cage tubing. Lightweight aluminum brackets are sold per pair.

Part No.	Description
LON52-22783	For 1-3/4" Dia. Tubing
LON52-22787	For 1-1/2" Dia. Tubing

Heavy-Duty 40-Amp Switches

LON52-45470

Switches have silver-plated contacts, solid brass mechanisms, and tough phenolic bodies. Choose from standard or weatherproof switches. Weatherproof switches are built to hold up to the rigors of dirt oval track applications.

Description	Standard	Weatherproof
Ignition Switch with Weatherproof Switch Cover (or Mag Kill Switch)	LON52-45420	LON52-45423
Ignition Switch, Three Terminals	LON52-45430	—
Starter Button with Weatherproof Rubber Cover	LON52-45460	LON52-45466
Starter Switch, Momentary Toggle with Weatherproof Switch Cover	LON52-45462	—
Ignition Switch with Aircraft Safety Switch Cover (or Mag Kill Switch)	LON52-45470	—
Ignition/Start Combination with Aircraft Safety Switch Cover	LON52-45490	—
Aircraft Safety Switch Cover Only	LON52-45370	—

Battery Disconnect Switches and Accessories

A positive method to shut down a race car's electrical system. Standard switches or polyurethane-coated weatherproof switches designed for the rigors of dirt oval track applications, including exposure to dirt, moisture, and the elements. Mandated by NASCAR, SCCA, and many other sanctioning bodies.

LON52-45748

LON52-45750

LON52-45760

Part No.	Description
LON52-45748	Economy Battery Disconnect Switch
LON52-45749	Battery Disconnect Switch Only, Push-Pull, Two Terminal
LON52-45750	Battery Disconnect Switch Only, Cars without Alternator
LON52-45753	Battery Disconnect Switch Only, Cars without Alternator, Weatherproof
LON52-45760	Battery Disconnect Switch and Panel, Cars without Alternator
LON52-45780	Battery Disconnect Switch Only, Cars with Alternator
LON52-45783	Battery Disconnect Switch and Panel, High Capacity, Cars with Alternator
LON52-45784	Battery Disconnect Switch and Panel, Cars with Alternator
LON52-45789	Battery Disconnect Switch Only, Weatherproof/High Capacity, Cars with Alternator
LON52-45792	Battery Disconnect Switch and Panel, Weatherproof, Cars with Alternator
Related Accessories	
LON52-45660	Battery Cable Ends, Pair
LON52-45700	Battery through Panel, Allows Running Battery Cable through Firewall
LON52-45720	Battery Jumper Post, Positive with Red Cover
LON52-45740	Battery Jumper Post, Negative with Black Cover

110V Flange Mount Connection *LON52-45662*

Eases the connection of engine oil heaters.

Brake Balance Gauge Panels

Gauge panels include 0-1,500 PSI brake pressure gauges with bleeders that are installed into a lightweight, black anodized aluminum panel.

Part No.	Description
LON52-44124	Mini Brake Balance Gauge Panel, 1-1/2" Gauges, 4" x 3-5/8" Panel
LON52-44134	Brake Balance Gauge Panel, 2-1/2" Gauges, 7" x 3-5/8" Panel

Brake Pressure Kits

Check front-to-rear brake pressures and set brake bias for best performance. Kit includes two pressure gauges in a foam-lined silver case.

Part No.	Description
LON52-44145	1/4"-28
LON52-44147	10mm-1.5 (GM Metric)

15" Aluminum Fat Grip Steering Wheel *LON52-56809*

Steering wheel has a 15" diameter and 2-3/4" dish depth, and incorporates a thicker rim for improved grip and reduced wrist strain.

Smooth Grip Steering Wheels

Longacre offers a variety of aluminum- or steel-spoked steering wheels with smooth black, blue, or red grips.

Part No.	Description
Aluminum Spoked Steering Wheels	
LON52-56801	15" Black Steering Wheel
LON52-56811	17" Black Steering Wheel
LON52-56830	13" Black Steering Wheel
Steel Spoked Steering Wheels	
LON52-56841	15" Black Steering Wheel

LON52-56801

Ultra-Lightweight Uncoated Aluminum Steering Wheels

Approximately half the weight of standard wheels, aluminum steering wheels feature drilled and shot peened rims for improved grip. Offered with flat or 2-1/2" dish depth.

Part No.	Description
14" Black Aluminum Steering Wheels	
LON52-56833	2-1/2" Dish
14" Plain Aluminum Steering Wheels	
LON52-56835	2-1/2" Dish
15" Plain Aluminum Steering Wheels	
LON52-56837	2-1/2" Dish
LON52-56866	Flat
15" Black Aluminum Steering Wheels	
LON52-56838	2-1/2" Dish
LON52-56867	Flat

Compact Radio Box *LON52-22560*

Lightweight aluminum unit accommodates the latest small radios. Radio box includes internal padding and Velcro straps to hold the radio securely. Clamps directly to 1-3/4" roll cage tubing.

Steering Wheel Quick Disconnects

Steering wheel quick disconnects ease driver cockpit entry and exit. Offered in spline or hex hub designs, unit welds to steering shaft.

LON52-56600

LON52-56605

Part No.	Description
Hex Hub	
LON52-56600	Welds to 5/8" or 3/4" Steering Shaft
Splined Hub	
LON52-56605	Welds to 3/4" Steering Shaft

High-Density Roll Bar Padding

Padding provides maximum energy absorption and uses a pre-tape adhesive for installation. Fits 1-1/2" to 1-3/4" tubing, and is available in conventional or streamlined "mini" style (improves line of sight and reduces blind spots). Offered in black only, 3' lengths.

Part No.	Description
Black, 3'	
LON52-65162	Roll Bar Padding
LON52-65182	"Mini" Roll Bar Padding

SFI-Embossed Roll Bar Padding *LON52-65169*

Fire-resistant SFI 45.1 roll bar padding will not melt or drip in the event of a fire. Padding offers both maximum energy absorption and flame retardation. Fits roll cage tubing from 1-1/2" to 1-3/4". Sold in 36" lenth. Black only.

Aluminized Insulation Cloth *LON52-64150*

Aluminized on one side for heat reflection and silicone coated on the other for added insulation, specialized cloth is great for firewalls and floorboards, etc. Heat-resistant to 600°F, 58" x 24" cloth can be cut to shape with scissors.

Longacre® Racing Products

Billet Rear End Breather Kit

Kit prevents gear lubricant from blowing out differential vent and onto the racing surface. Easily installed, kit includes clamp-on bracket, vent hose, and necessary hardware.

Part No.	Description
LON52-22568	For 1-3/4" Dia. Tubing
LON52-22569	For 1-1/2" Dia. Tubing

Magnetic 3/8" NPT Drain Plug *LON52-33320*

Common to most popular transmissions or differentials, 3/8" NPT magnetic drain plug traps ferrous particles, preventing equipment contamination.

Replacement Throttle Return Springs *LON52-32500*

Same springs included in 52-32700, 52-32702, 52-32710, or 52-32720 kits. Sold per pair.

Stainless Steel Header Exhaust Wrap Locking Ties *LON52-47840*

Heat-resistant, stainless steel locking tires are effective in retaining exhaust header wrap. Includes (8) 8" long stainless ties.

Digital Shock Inflator

Shock inflator has a digital 0-300 PSI gauge and an extra-long hose to allow filling shocks on car. Inflator connects directly to nitrogen line to quickly fill and bleed shocks. A special chuck prevents pressure loss and inaccurate settings.

Part No.	Description
LON52-50473	Digital Shock Inflator
LON52-50483	Digital Shock Inflator, Less Fill Hose

Kevin Thomas Jr. Photo by: Mike Reusche

Digital Valve Spring Tester *LON52-73511*

Heavy-duty tester includes the ability to test valve spring pressure from 0-1,400 lbs. in 1-lb. increments, and travel from 0"- 4.000" in .001" increments. Accurate within 1/10 of 1% on both pressure and travel. Quick and easy to use, tester runs on 110 volts or a rechargeable battery. Sold complete with charger. Batteries (CR2032) not included.

Billet Coil-Over Wrench *LON52-22589*

Specialized tool is constructed from billet aluminum to prevent damage to coil-overs during adjustment. Comfortable, ergonomically designed tool allows eased adjustments.

Oil Filter Cutter *LON52-77750*

Rigid billet aluminum, easy-to-use tool quickly cuts open oil filters for inspection to spot potential engine problems.

Engine Leakdown Tester *LON52-73010*

Verify piston ring, head gasket, and valve condition. Easy-to-use tool includes fitting and hose assembly to test most engines.

Digital Engine Leakdown Tester *LON52-73014*

Much more accurate than traditional testers, reading critical leakdown to just .5%. Backlit gauges ease readability. Sold complete with 14mm spark plug connector, hose, and black carrying case.

Lined Hard Cases

Heavy-duty, lined hard cases are ideal for storing drills, stopwatches, tire gauges, etc. Choose from two sizes.

Part No.	Description
LON52-50512	8-1/4" x 4-1/8" x 3-1/8"
LON52-50518	9-1/2" x 7" x 1-3/4"

Engine Compression Tester *LON52-73025*

Determine cylinder condition quickly without the need for compressed air. Gauge reads 0-300 PSI.

Brake Fluid Bleed Bottle Kits

Brake bleeder bottles include magnets to secure bottle to chassis and prevent fluid spillage. Choose from kits with one or two bottles.

Part No.	Description
LON52-45200	(2) Bottles, Hose, and Wrench
LON52-45202	(1) Bottle, Hose, and Wrench

High-Performance Racing Only Motor Oil

Perfect for high-RPM, high-horsepower engines, oils incorporate lubricity and anti-seize agents for maximum engine protection, while reducing power-robbing drag. Offered in conventional, synthetic, and semi-synthetic formulas.

Description	1-qt. Bottle	Case of (6) 1-qt. Jugs
5W-20 Synthetic	LUC10883	—
10W-30 Conventional	LUC11016	LUC11016-6
10W-40 Synthetic	LUC10942	LUC10942-6
10W-40 Semi-Synthetic	LUC10943	LUC10943-6
20W-50 Synthetic	LUC10615	LUC10615-6
20W-50 Semi-Synthetic	LUC10306	LUC10306-6
20W-50 Conventional	LUC10620	LUC10620-6

Description	5-qt. Jug	Case of (3) 5-qt. Jugs
5W-20 Synthetic	LUC10884	LUC10884-3
10W-30 Synthetic	LUC10611	LUC10611-3
10W-30 Conventional	LUC11017	LUC11017-3
10W-40 Synthetic	LUC10911	LUC10911-3
10W-40 Semi-Synthetic	LUC10913	LUC10913-3
20W-50 Synthetic	LUC10616	LUC10616-3
20W-50 Semi-Synthetic	LUC10378	LUC10378-3

Synthetic Motor Oils

A formulation of top-quality synthetic bases and exclusive high-performance additives delivers extra protection, reduced drag, better fuel mileage, and more horsepower for racing use. Sold in one-quart bottles or in cases.

Description	1-qt. Bottle	Case of (6) 1-qt. Bottles
0W-30	LUC10179	LUC10179-6
5W-20	LUC10082	LUC10082-6
5W-30	LUC10049	LUC10049-6
5W-50	LUC10101	LUC10101-6
10W-30	LUC10050	LUC10050-6
20W-50	LUC10054	LUC10054-6

Plus High-Performance Motor Oil

Extra additives protect against wear and scuffing, while a protective film assures a "wet" start every time. Resistant to breakdown caused by alcohol contamination. Sold in one-quart bottles, 5-gallon pails, and in cases.

Description	1-qt. Bottle	Case of (6) 1-qt. Bottles	5-Gallon Pail
5W-20	LUC10516	LUC10516-6	—
5W-30	—	LUC10474-6	—
10W-30	LUC10276	LUC10276-6	—
10W-40	LUC10275	LUC10275-6	—
20W-50	LUC10252	LUC10252-6	LUC10257
30W	LUC10053	LUC10053-6	—
50 Plus	—	—	LUC10347

Engine Break-in Oil

Lubricants include higher levels of zinc and phosphorous for maximum engine protection, particularly critical during initial break-in. Requires no additional additives, and delivers superior performance prior to switching over to conventional or synthetic lubricants.

Description	1-qt. Bottle	5-qt. Jug	Case of (6) 1-qt. Bottles	Case of (3) 5-qt. Jugs
5W-20	LUC11033	LUC11033-6	LUC11034	LUC11034-3
30W	LUC10630	LUC10630-6	LUC10631	LUC10631-3
20W-50	—	LUC10635-6	LUC10636	LUC10636-3

CK-4 Heavy-Duty Diesel Motor Oil

Lubricant is blended with API Group II and Group III base oils along with an advanced additive package, resulting in improved engine performance, lower oil consumption, high-temperature stability, extended oil changes and longer engine life. Sold in one-gallon containers, or in cases.

Description	1-qt. Bottle	Case of (4) 1-Gallon Jugs
Synthetic Blend 10W-30	LUC10282	LUC10282-4
Magnum (Petroleum) 15W-40	LUC10287	LUC10287-4

Sure-Shift Semi-Synthetic Automatic Transmission Fluid

Quality base stocks are blended with synthetics, detergents, and anti-wear agents for longer life and less friction. Sold in one-quart bottles.

1-qt. Bottle	Case of (6) 1-qt. Bottles
LUC10052	LUC10052-6

Semi-Synthetic Racing Automatic Transmission Fluid

Semi-synthetic, Type F fluid combines premium paraffinic and synthetic base oils with a special additive package. Engineered to hold up under the heat and stress common to racing, while delivering a fast, positive shift.

1-qt. Bottle	Case of (6) 1-qt. Bottles
LUC11020	LUC11020-6

Power Steering Fluid

Fluid is formulated with the finest base oils and a proprietary additive package that helps provide smooth, quiet power steering operation. Lubricant additionally improves steering response and feel, preventing fading and foaming in high-performance driving situations. Sold in 16-oz., one-quart bottles, or in cases.

16-oz. Bottle	1-qt. Bottle	Case of (12) 16-oz. Bottle	Case of (6) 1-qt. Bottle
LUC10442	LUC10824	LUC10442-12	LUC10824-6

Racing Gear Oil

Racing gear oil offers superior thermal stability, while specialized anti-wear agents and additives provide reduced heat, wear, and drag. L9 is designed for differentials and transmissions.

1-qt. Bottle	Case of (12) 1-qt. Bottles
LUC10456	LUC10456-12

80/90 and 85/140 Plus Gear Oils

Formulated with anti-wear and anti-seize agents to lengthen component life. 85/140 Plus Gear Oil is recommended for stopping leaks and reducing lash in worn gear sets. Sold in one-quart bottles, one-gallon jugs, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles	1-Gallon Jug	(4) 1-Gallon Jugs
80/90	LUC10043	LUC10043-12	LUC10046	LUC10046-4
85/140 Plus	LUC10042	LUC10042-12	LUC10045	LUC10045-4

75/90 and 75/140 Synthetic Gear Oils

Pure synthetic, non-foaming gear oils with additives to resist "squeezing out" under extreme pressure. Formulated specifically for high-performance or heavy-duty use. Sold in one-quart bottles, one-gallon jugs or in cases.

1-qt. Bottles	Case of (12) 1-qt. Bottles	1-Gallon Jug	(4) 1-Gallon Jugs
75/90			
LUC10047	LUC10047-12	LUC10048	LUC10048-4
75/140			
LUC10121	LUC10121-12	LUC10122	LUC10122-4

Heavy-Duty Oil Stabilizer

Stabilizer is formulated to eliminate dry starts, resist thermal breakdown, and reduce smoke, leaks, knocks, and blow-by. May also be used in transmissions, differentials, and transfer cases to reduce heat and noise. Sold in one-quart bottles, one-gallon jugs, or in cases.

1-qt. Bottle	Case of (12) 1-qt. Bottles	1-Gallon Jug	Case of (4) 1-Gallon Jugs
LUC10001	LUC10001-12	LUC10002	LUC10002-4

Pure Synthetic Oil Stabilizer

Originally designed for racing use with synthetic oil, stabilizer reduces frictional heat and wear in engines, transmissions, and differentials for increased horsepower and fuel mileage. Sold in one-quart bottles, one-gallon jugs, or in cases.

1-qt. Bottle	Case of (12) 1-qt. Bottles	1-Gallon Jug	Case of (4) 1-Gallon Jugs
LUC10130	LUC10130-12	LUC10131	LUC10131-4

Low-Viscosity Oil Stabilizer

Premium, synthetic oil treatment provides significant improvement in anti-wear, friction reduction, oxidation inhibition, and dispersancy, which helps reduce sludge, varnish and carbon.

12-oz. Bottle	Case of (12) 12-oz. Bottles
LUC11097	LUC11097-12

Engine Break-in Oil Additive

Specially formulated with increased levels of zinc, oil additive protects camshafts, lifters, and valve train components during critical break-in period. May also be used to prevent premature engine wear. Sold in 16-oz. bottle or in cases.

16-oz. Bottle	Case of (12) 16-oz. Bottles
LUC10063	LUC10063-12

Complete Engine Treatment

Unique formulation may be added to fuel or engine oil. When added to fuel, product cleans and lubricates all fuel system components, improving both fuel and combustion efficiency. When added to the engine oil, treatment helps improve oil flow in cold weather, while forming a protective barrier against heat and friction. For use in all types of engines. Sold in 16-oz. bottles, or in cases.

16-oz. Bottle	Case of (12) 16-oz. Bottles
LUC10016	LUC10016-12

Transmission Fix *LUC10009*

A blend of thermally-stable petroleum extracts formulated to seal leaks and prevent slippage and rough shifts in auto or manual transmissions. 24-oz. bottle.

Super Coolant

Scientifically formulated to offer the ultimate in protection to cooling systems from rust, corrosion, and electrolysis, while lowering coolant temperatures up to 20°F for racing applications. Add two bottles to straight water coolant for maximum temperature reduction. Sold in 16-oz. bottle or in cases.

16-oz. Bottle	Case of (12) 16-oz. Bottles
LUC10640	LUC10640-12

Red "N" Tacky Grease

Red "N" Tacky lithium 12-OH grease features inhibitors to fight rust and oxidation while extreme pressure additives withstand heavy loads. Offered in cartridges, tubs, or in cases.

14.5-oz. Cartridge	Case of (30) 14.5-oz. Cartridges	1-lb. Tub	Case of (12) 1-lb. Tubs
LUC10005	LUC10005-30	LUC10574	LUC10574-12

X-Tra Heavy-Duty Grease

Sheer, stable lubricant has exceptional extreme pressure and water resistance. Exceeds OE "Lube For Life" specifications. Sold in 1-lb. tubs or in cases.

1-lb. Tub	Case of (12) 1-lb. Tubs
LUC10330	LUC10330-12

High-Performance Assembly Lube

Use as an initial lubricant for metal surfaces. It mixes with oil and will not plug filters. Clings to all surfaces and is an excellent rust inhibitor, especially for items in long-term storage. Use whenever torque or tension are applied. Sold in 4- or 8-oz. bottles.

4-oz. Bottle	Case of (12) 4-oz. Bottles	8-oz. Bottle	Case of (12) 8-oz. Bottles
LUC10152	LUC10152-12	LUC10153	LUC10153-12

Safeguard Ethanol Fuel Conditioner with Stabilizers NEW!

Developed specifically to prevent the rust and corrosion commonly associated with ethanol fuels. Additive stabilizes fuel, preventing varnish and gum formation, while combating deposits and protecting the engine. Designed for use with E-10, E-15, and E-85 fuels, product is sold in 5.25 oz. bottles or in cases.

5.25-oz. Bottle	Case of (24) 5.25-oz. Bottles
LUC10670	LUC10670-24

Anti-Gel Cold Weather Diesel Treatment

Fuel additive prevents diesel and bio-diesel fuels from gelling or thickening in cold-weather conditions, eliminating cold filter plugging by ULSD or biofuels.

1-qt. Bottle	Case of (12) 1-qt. Bottles	1 Half-Gallon	Case of (6) Half-Gallons
LUC10865	LUC10865-12	LUC10866	LUC10866-6

Diesel Deep Clean

Diesel Deep Clean allows fuel to burn cleaner, eliminating much of the particulate matter that accumulates in both the fuel filter and exhaust. Fuel additive additionally cleans fuel injectors and debris that is trapped within the fuel filter.

16-oz. Bottle	Case of (12) 16-oz. Bottles
LUC10872	LUC10872-12

Slick Mist Ceramic Speed Wax NEW!

A premium paint sealant and durable protectant that works equally well on aluminum, vinyl wraps, matte finishes, gel coat, glass, or chrome. Easy-to-use product delivers a super glossy appearance with long lasting results, while remaining UV resistant. Sold in 24 oz. bottle, or in cases.

24-Oz. Bottle	Case of (6) 24-oz. Bottles
LUC11294	LUC11294-6

Slick Mist

Slick Mist is a polymer paint gloss intensifier, which can also be used on glass, chrome, and vinyl decals. Just spray it on a wet or dry surface and wipe off for a superior shine. Sold in 24-oz. bottle or in cases.

24-oz. Bottle	Case of (6) 24-oz. Bottles
LUC10160	LUC10160-6

Tire Inflator NEW!

Designed to provide emergency tire repairs, product will quickly seal punctures and re-inflate a flat tire. No tools required, Tire Inflator is tire sensor safe. Sold in 16-oz. aerosol can, or in cases.

16-oz. Aerosol Can	Case of (12) 16-oz. Aerosol Cans
LUC11180	LUC11180-12

Penetrating Oil Aerosol

Aerosol penetrating oil loosens rusted nuts and bolts, while powerful corrosion inhibitors and wetting agents ensure protection to parts exposed to the elements. Evaporation is slow, resulting in a tenacious film that fights rust and corrosion.

11-oz. Aerosol Can	Case of (12) 16-oz. Aerosol Cans
LUC11043	LUC11043-12

Multi-Purpose Parts Cleaner and Degreaser

The perfect multi-purpose product for garages or shops, product cleans and degreases carburetors, brake calipers, rotors, throttle bodies and other unpainted metal parts. Product contains no CFC's or solvents, and is 50-state VOC compliant.

16-oz. Aerosol Can	Case of (12) 16-oz. Aerosol Cans
LUC11115	LUC11115-12

Slick Mist Detailing Kit

All-in-one auto detailing kit includes (1) can of Interior Detailer, (1) can of Tire & Trim Shine, (1) can of Speed Wax, microfiber towel, and tire sponge. Speed Wax functions both as a wax and quick detail spray. Interior Detailer cleans and protects interior surfaces including plastic, vinyl, leather, rubber, and metal, while Tire & Trim Shine delivers a "like-new" shine to tires.

Detailing Kit	Case of (4) Detailing Kits
LUC10558	LUC10558-4

Lifters

Hydraulic, solid, and roller lifters are available for small block Chevrolets and Fords. Sold in sets of 16.

Part No.	Type
SB Chevy, Horizontal Bar, Centered	
LNT72400-16	Roller
SB Chevy, Vertical Bar, Centered	
LNT72403-16	Roller

LNT72400-16

LNT72403-16

"Y" Fittings

Sleek "Y" fittings with AN connections ease plumbing and reduce weight.

Part No.	Single	Double
MRFMP-6266	-6AN	-6AN
MRFMP-6286	-8AN	-6AN
MRFMP-6288	-8AN	-8AN
MRFMP-6208	-10AN	-8AN
MRFMP-6220	-12AN	-10AN

Fuel Logs

Lessens restriction and evens out fuel distribution.

Part No.	Description
MRFMP-7600-02	Double Port, -10AN Ports
MRFMP-7600-03	Triple Port, -10AN Ports

MRFMP-7600-03

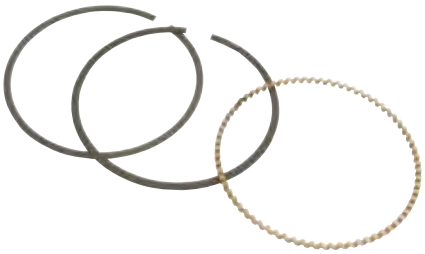
AN Flare-to-Port Adapters

Part No.	AN Size	Port Size
MRFMP-3012	-6AN	-6AN
MRFMP-3022	-6AN	-8AN
MRFMP-3017	-8AN	-10AN
MRFMP-3019	-10AN	-12AN
MRFMP-3009	-12AN	-12AN

Performance Piston Ring Sets

Mahle performance piston rings, developed with innovative computer simulation and development tools, include barrel-faced, plasma moly/ductile iron top rings, cast iron reverse-twist second rings, and conventional three-piece oil rings. Require file fitting.

Part No.	Bore	Top Ring	2nd Ring	Oil Ring	Oil Ring Tension
MAH4035ML-043	4.025"	.043"	.043"	3.0mm	Low
MAH4035ML	4.030"	1/16"	1/16"	3/16"	Low
MAH4035MS	4.030"	1/16"	1/16"	3/16"	Standard
MAH4035MS-15	4.030"	1.5mm	1.5mm	3.0mm	Standard
MAH4035ML-043	4.030"	.043"	.043"	3.0mm	Low
MAH4035MS-112	4.030"	1.0mm	1.0mm	2.0mm	Low
MAH4040ML-043	4.035"	.043"	.043"	3.0mm	Low
MAH4045ML	4.040"	1/16"	1/16"	3/16"	Low
MAH4045MS-15	4.040"	1.5mm	1.5mm	3.0mm	Standard
MAH4045ML-043	4.040"	.043"	.043"	3.0mm	Low
MAH4055ML-043	4.050"	.043"	.043"	3.0mm	Low
MAH4065ML-043	4.060"	.043"	.043"	3.0mm	Low
MAH4070ML-043	4.065"	.043"	.043"	3.0mm	Low
MAH4130MS-15	4.125"	1.5mm	1.5mm	3.0mm	Standard
MAH4160MS-15	4.155"	1.5mm	1.5mm	3.0mm	Standard
MAH4170MS-15	4.165"	1.5mm	1.5mm	3.0mm	Standard



Power Pak 305 SB Chevy Powerpak Piston and Ring Kit

Mahle has redesigned the very successful 305 ci small block Chevy flat-top Powerpak piston assembly with shallower 3cc pockets for increased compression. Designed for racing classes requiring four-valve relief pistons. Made from forged high-silicone, low-expansion 4032 aluminum alloy. Pistons are hand deburred with radius valve pockets, forced pin oiling, performance-coated, Grafal skirt coating, high-quality German steel pins, reliable round wire locks, and lighter weight 0.043", 0.043", 3.0mm piston rings.

Part No.	Bore	CID	Stroke	Rod Length	C/R 64cc
MAH930204566	3.766"	310	3.480"	5.700"	9.5:1
MAH930204576	3.776"	312	3.480"	5.700"	9.6:1
MAH930204596	3.796"	315	3.480"	5.700"	9.7:1
Gas Ported/Asymmetrical Valve Pockets					
MAH930205566	3.766"	310	3.480"	5.700"	9.7:1
MAH930205576	3.776"	312	3.480"	5.700"	9.8:1
MAH930205586	3.786"	313	3.480"	5.700"	9.8:1
MAH930205596	3.796"	315	3.480"	5.700"	9.9:1

MAHLE®

Power Pak Domed Piston Kits

Forged, domed pistons with radiused valve pockets are machined for 1.5mm top, 1.5mm second, and 3.0mm oil rings. Sets of eight include wrist pins, locks, and performance piston rings. ***Notes: In addition to the rod and stroke combinations listed with each part number, other rod/stroke combinations may work. Compression ratios are based on a 64cc combustion chamber.***

Part No.	Bore	Stroke	Rod Length	Comp. Height	Dome Volume	Comp. Ratio
Small Block Chevy						
MAH930207930	4.030"	3.48"/3.50"	6.000"	1.250"	11cc	13.0:1
MAH930208130	4.030"	3.48"/3.50"	6.125"	1.125"	11cc	13.0:1
MAH930207960	4.060"	3.48"/3.50"	6.000"	1.250"	11cc	13.0:1
MAH930212525	4.125"	3.750"	6.000"	1.125"	4cc	13.0:1
MAH930212555	4.155"	3.750"	6.000"	1.125"	4cc	13.0:1
MAH930212565	4.165"	3.48"/3.50"	6.125"	1.125"	4cc	12.3:1
MAH930208265	4.165"	3.750"	6.000"	1.125"	11cc	14.3:1

Plasma-Moly File-Fit Piston Ring Sets

Mahle Original rings reduce friction, increase power output, reduce oil consumption, and last longer. File fit sets include eight ductile iron plasma-moly top rings, THG (tapered hook groove) second compression rings, and CP-20 oil control rings. Ring sets include standard-tension oil rings unless specified.

Part No.	Bore Size	Top Ring	Second Ring	Oil Ring
M77315-0005.005*	4.000"	1/16"	1/16"	3/16" (Low Tension)
M77315-0036.035	4.030"	1/16"	1/16"	3/16"
M77315-0005.035*	4.030"	1/16"	1/16"	3/16" (Low Tension)
M77315-0034.045	4.040"	5/64"	5/64"	3/16"
M77315-0036.045	4.040"	1/16"	1/16"	3/16"
M77315-0005.045*	4.040"	1/16"	1/16"	3/16" (Low Tension)
M77315-0036.065	4.060"	1/16"	1/16"	3/16"
M77315-0005.065*	4.060"	1/16"	1/16"	3/16" (Low Tension)
M77315-0032.005	4.125"	1/16"	1/16"	3/16"
M77315-0032.025	4.145"	1/16"	1/16"	3/16"
M77315-0004.035*	4.155"	1/16"	1/16"	3/16" (Low Tension)
M77315-0032.035	4.155"	1/16"	1/16"	3/16"
M77315-0032.045	4.165"	1/16"	1/16"	3/16"

**** Reduced radial wall tension***

Plasma-Moly Standard-Gap Piston Ring Sets

Same quality as file-fit rings, but ready to install. Sets are only available with standard-tension oil rings.

Part No.	Bore Size	Top Ring	Second Ring	Oil Ring
M77315-0036.030	4.030"	1/16"	1/16"	3/16"
M77315-0049.030*	4.030"	1/16"	1/16"	3mm (Low Tension)

**** Reduced radial wall tension.***

M&M Aluminum Products

Suspension Components

Swaged Aluminum Radius Rods

Swaged aluminum radius rods have 5/16" or 5/8" thread with knurling on each end.

Length	
5/16" Thread - .5" O.D.	
7"	MWASRE5-7-POL
7.5"	MWASRE5-7.5-POL
8"	MWASRE5-8-POL
8.25"	MWASRE5-8.25-POL
8.5"	MWASRE5-8.5-POL
9"	MWASRE5-9-POL
10"	MWASRE5-10-POL
10.25"	MWASRE5-10.25-POL
11	MWASRE5-11-POL
11.75"	MWASRE5-11.75-POL
12"	MWASRE5-12-POL
12.25"	MWASRE5-12.25-POL
13"	MWASRE5-13-POL
14"	MWASRE5-14-POL
14.25"	MWASRE5-14.25-POL

Length	
5/16" Thread - .5" O.D.	
14.5"	MWASRE5-14.5-POL
15"	MWASRE5-15-POL
15.25"	MWASRE5-15.25-POL
16"	MWASRE5-16-POL
17"	MWASRE5-17-POL
5/8" Thread - 1.00" O.D.	
14"	MWASR-14-POL
17"	MWASR-17-POL
23.5"	MWASR-23.5-POL
24"	MWASR-24-POL
25"	MWASR-25-POL

Length	
5/8" Thread - 1.125" O.D.	
21"	MWASR-21L-POL
22.5"	MWASR-22.5L-POL
23"	MWASR-23L-POL
23.5"	MWASR-23.5L-POL
24"	MWASR-24L-POL
25"	MWASR-25L-POL
26.5"	MWASR-26.5L-POL
27"	MWASR-27L-POL
28"	MWASR-28L-POL

Length	
5/8" Thread - 1.250" O.D.	
38"	MWASR125-38-POL
40"	MWASR125-40-POL
45"	MWASR125-45-POL
46"	MWASR125-46-POL
47"	MWASR125-47-POL
50"	MWASR125-50-POL

Front End and Steering Components

Spindle with Straight Steel Snout

MWASP-325F-BKPC

Part No.	Description
MWASP-325F-BKPC	Black
Replacement Component	
MWASB-859	King Pin Bushings, .859" for Sprint Spindles

Torsion Bushings

Part No.	Description
Bronze Bushings	
MWABB-095	Torsion Bushing, .095" Tubes
MWABB-120	Torsion Bushing, .120" Tubes

Engine Components

Throttle Linkage and Arms

MWATLK-1E

MWATH-312

MWATH-375

Part No.	Description
MWATH-312	Throttle Arm, 5/16"
MWATH-375	Throttle Arm, 3/8"
MWATLK-1E	Throttle Linkage Kit, Eagle

Chassis Components

Sprint Car Birdcage Bearings

MWA6014-2RS

MWA6214-2RS

Part No.	Description
MWA6014-2RS	Birdcage Bearing
MWA6214-2RS	Large Birdcage Bearing

Front Wing Post

MWAFWP-200-3/OS-POL

Bent, 1".

Rear Sprockets

Mini/Micro Sprint rear sprockets are manufactured from 7075-T6 aluminum. Available in 5.25" or 6.43" bolt circle. Uses a 520 chain.

Part No.	Description
5.25" Bolt Circle	
MWASP520-525-47T	47T
MWASP520-525-48T	48T
MWASP520-525-49T	49T
MWASP520-525-50T	50T
MWASP520-525-51T	51T
MWASP520-525-52T	52T
6.43" Bolt Circle	
MWASP520-643-47T	47T
MWASP520-643-48T	48T
MWASP520-643-49T	49T
MWASP520-643-50T	50T
MWASP520-643-51T	51T
MWASP520-643-52T	52T

Logan Seavey

Photo by: Mike Reusche

Chassis Stabilizer

The Chassis Stabilizer is engineered to reduce the harmful effects of trailering a race vehicle, reducing suspension and shock absorber wear. Simply slide the deflated unit underneath the chassis and inflate it. Rectangular Chassis Stabilizer is designed for low-slung race cars and beavertail trailers.

Part No.	Description	Deflated Height	Inflated Height
MTD700007	18" Dia.	1.75"	10"
MTD700008	Rectangular	1.125"	4"

VersaTie Track Kits

The convenient, all-in-one tie-down solution. Perfect for securing ATV's, tool boxes, and pit equipment in trailers .or pick-up beds. VersaTie tracks are constructed of aircraft-quality extruded aluminum and use corrosion-resistant stainless steel hardware for a virtual lifetime of service. Each kit includes two lengths of track, single stud tie-down rings, and necessary hardware.

Part No.	Description
MTD520415	VersaTie 1-1/2" Anchor Plate Assembly, Four Pack
MTD310001	Single Stud Tie-Down Ring, 3,000 lbs. Rating, Each
MTD310004	Double Stud Fitting with Pear-Shaped Ring, 5,000 lbs. Rating, Each

Horizontal E-Track

Industry standard horizontal E-Track provides a quick, effective method of securing cargo in trailers, pick-up beds, etc. Black painted steel. E-Track may be used with round ring or D-ring fittings.

Part No.	Description
MTD270001	Horizontal E-Track, 5' Long
MTD270001	Horizontal E-Track, 8' Long
MTD121001	Rope Tie-Off Fitting, 3,000 lbs. Rating, Each
MTD320001	Round Ring Fitting, 3,000 lbs. Rating, Each
MTD320004	Round Ring Heavy-Duty Fitting, 6,000 lbs. Rating, Each

Tie-Downs

Mac's ratchet tie-downs and axle straps offer unparalleled safety and security when securing vehicles to trailers, chassis dynos, etc. Ratchet and axle straps listed are rated at 10,000 lbs. Tie-downs may be purchased in Ultra Pack or Super Pack kits, or individually.

Part No.	Description
Tie-Down Kits	
MTD511108	Super Pack, (4) 8' Long x 2" Wide Combination Axle Strap Twisted Snap Hook Ratchet Tie-Downs, (4) Strap Wraps, and Duffle Bag
MTD511118	Super Pack, (4) 8' Long x 2" Wide Combination Axle Strap Direct Hook Ratchet Tie-Downs, (4) Strap Wraps, and Duffle Bag
MTD511218	Ultra Pack, (4) 8' Long x 2" Wide Twisted Snap Hook Ratchet Tie-Downs, (4) 24" Axle Straps, (4) Strap Wraps, and Duffle Bag
Individual Tie-Down Components	
MTD121009	8' Long x 2" Wide Twisted Snap Hook Ratchet Tie-Down
MTD121108	8' Long x 2" Wide Flat Snap Hook Ratchet Tie-Down
MTD121409	8' Long x 2" Wide Combination Axle Strap Ratchet Tie-Down
MTD121736	36" Long x 2" Wide Axle Strap
MTD416007	Strap Wrap

Fixed Point Hardware

Attaches directly to pick-up beds, trailers, etc., allowing the retention of cargo.

Part No.	Description
MTD330003	Recessed 360° Swivel D-Ring, 6,000 lbs. Rating, Each
MTD330004	Recessed 360° Swivel D-Ring, Stainless Steel, 6,000 lbs. Rating, Each
MTD472006	Backing Plate for Swivel D-Ring, Each

Threaded Tube Ends

4130 chrome moly threaded tube ends are a quick and easy method for adding threads to tubing (available with right or left-hand threads). Use large tube ends for ladder bars or four links, medium tube ends work great on front suspensions, and small tube ends are ideal for linkages and many types of mount setups. Hundreds of other uses.

Tube Size	Thread Size	RH Thread	LH Thread
5/8" x .058"	3/8"-24	MEZRE1011B	MEZRE1011BL
3/4" x .058"	3/8"-24	MEZRE1012B	MEZRE1012BL
7/8" x .058"	3/8"-24	MEZRE1014B	MEZRE1014BL
7/8" x .058"	1/2"-20	MEZRE1014D	MEZRE1014DL
1" x .058"	3/8"-24	MEZRE1017B	MEZRE1017BL
1" x .058"	1/2"-20	MEZRE1017D	MEZRE1017DL
1" x .058"	5/8"-18	MEZRE1017E	MEZRE1017EL
1" x .065"	1/2"-20	MEZRE1018D	MEZRE1018DL
1" x .065"	5/8"-18	MEZRE1018E	—
1" x .083"	5/18"-18	MEZRE1019E	MEZRE1019EL

Tube Size	Thread Size	RH Thread	LH Thread
1-1/8" x .058"	1/2"-20	MEZRE1125D	MEZRE1125DL
1-1/8" x .083"	1/2"-20	—	MEZRE1021DL
1-1/8" x .083"	5/8"-18	MEZRE1021E	MEZRE1021EL
1-1/8" x .083"	3/4"-16	MEZRE1021F	MEZRE1021FL
1-1/8" x .095"	3/4"-16	MEZRE1022F	—
1-1/4" x .058"	1/2"-20	MEZRE1124D	MEZRE1124DL
1-1/4" x .058"	5/8"-18	MEZRE1124E	MEZRE1124EL
1-1/4" x .065"	5/8"-18	MEZRE1023E	MEZRE1023EL
1-1/4" x .095"	5/8"-18	MEZRE1024E	MEZRE1024EL*

**** Left-hand version made from hex-shaped material.***

1/2" I.D. Safety Washer *MEZSW12A*

Yellow zinc-plated 4130 steel safety washers allow full movement of Heim ends and will also contain the rod end.

Dirt Steering Wheel
MPIMPI-D3-15 NEW!

The first dirt-specific, 15" dia. flat steering wheel offered by MPI, the D3 was developed in conjunction with renowned dirt racer Donny Schatz. Aluminum-framed steering wheel features innovative grips that provide the driver with a firm grip, while preventing fatigue and even allowing one-hand usage when desired. Includes center pad.

Racer Flat Steering Wheel
MPIMPI-DR-17

Designed for the drivers of Dirt Late Models and Modifieds, 17" dia. Racer flat steering wheel combines the benefits of a lightweight aluminum structure and foam grip with dirt-style finger bumps. Fits all 3-bolt quick-release hubs.

Racer Dished 17" Steering Wheels
MPIMPI-DMR-17

Racer steering wheel is manufactured using a lightweight aluminum, 2.16" dished structure with solid spokes, and foam grip with finger bumps. Ideal for Dirt Late Models, Modifieds, and Street Stocks. Fits all 3-bolt quick-release hubs.

Dirt Micro Sprint Steering Wheel
MPIMPI-KMD-15

Lightweight, 15" diameter aluminum steering wheel is covered in orange synthetic, carbon synthetic, and high-grip Lederfylon. Steering wheel has a 2-1/4" dish depth.

Quarter Midget Steering Wheels

Lightweight aluminum, 13-3/4" diameter steering wheels are well suited to Quarter Midgets cars. Steering wheels utilize slotted spokes for maximum weight reduction, 3-1/2" dish depth, bright orange center marker, and include high-quality suede with parallel orange stitching or polyurethane only grips.

Part No.	Description
13-3/4" Steering Wheels	
MPIMPI-BL-14-A	Suede Grip
MPIMPI-BL-14-PA	Polyurethane Grip

Sprint Car Aluminum Steering Wheel NEW!

Aluminum 15" diameter flat-design steering wheel features a extra-large grip with dirt-style finger indentations on the back. Extended padding on spokes provides increased protection. Centerpiece may be purchased separately.

Part No.	Description
MPIMPI-DM2-15-XL	15", Extra-Large Grip
MPIMPI-DM2-16-XL	16", Extra-Large Grip

Steering Wheel Accessories

MPIMPI-A-CHC

MPIMPI-A-SWH

Part No.	Description
MPIMPI-A-3/6BLT	Aluminum 3- to 6-Bolt Adapter, Allows Use of Quick Release Hub
MPIMPI-A-CHC	Aluminum Center Hole Cover, MPI 6-Bolt Steering Wheels
MPIMPI-A-DBH	Double Button Holder, MPI 6-Bolt Steering Wheels
MPIMPI-A-PS	Double Paddle Shifter for Logitech G25 & G27 Simulated/Gaming
MPIMPI-A-SBH	Single Button Holder, MPI 6-Bolt Steering Wheels
MPIMPI-A-SWH	Steering Wheel Hook

Racing Gloves NEW!

Gloves have been painstakingly designed to provide maximum comfort, driver feel, safety, and performance. Precurved fingers prevent hand fatigue, while external stitching combine with padded palms and fingers to increase comfort. Meets SFI 3.3/5 specifications. Offered in fluorescent orange or black.

Size	Part No.
Black	
X-Small	MPIMPI-GL-B-XS
Small	MPIMPI-GL-B-S
Medium	MPIMPI-GL-B-M
Large	MPIMPI-GL-B-L
X-Large	MPIMPI-GL-B-XL
Orange	
X-Small	MPIMPI-GL-O-XS
Small	MPIMPI-GL-O-S
Medium	MPIMPI-GL-O-M
Large	MPIMPI-GL-O-L
X-Large	MPIMPI-GL-O-XL

SimMax NEW!

MPI has designed and engineered the ultimate racing simulation chassis, SimMax. Compatible with Logitech, Thrustmaster, and Fanatec systems, chassis is constructed from precision-manufactured steel. Racing cockpit includes fully adjustable seat mount, pedals, steering column, TV stand with back tray, trinket tray, gear shifter mount and cup holder integrated into deck, articulated keyboard tray, phone holder, necessary hardware, and complete instructions. Available foldable wheel stand provides SimMax system portability. ***Note: Racing seat, racing simulation system, TV screen, and steering wheel must be purchased separately.***

Part No.	Description
MPIMPI-SIM-C1	SimMax Chassis
MPIMPI-SIM-WS-1	Foldable Wheel Stand, Provides System Portability
System Accessories	
MPIMPI-A-SIM-LG	Adapter, Mounts 6mm x 70mm or 3" x 2" MPI Steering Wheel to Logitech System
MPIMPI-SIM-D	D-Series Dirt Oval Steering Wheel, Dual 12mm Switch Slots
MPIMPI-SIM-F	F-Series Road Course Steering Wheel, Dual 12mm Switch Slots
MPIMPI-SIM-GT	GT-Series D-Shaped Steering Wheel, Dual 12mm Switch Slots
MPIMPI-SIM-H60	H-60 Drift Steering Wheel, Dual 12mm Switch Slots
MPIMPI-SIM-MP14	MP-Series 14" Stock Car Steering Wheel, Dual Switch Slots
MPIMPI-SIM-MP15	MP-Series 15" Stock Car Steering Wheel, Dual Switch Slots

Center Pad *MPIMPI-A-CP-D*

For Sprint and Kart wheels.

Steering Wheel Suede Brush *MPIMPI-A-SB*

Steel brush to maintain steering wheel suede.

Double Paddle Shifter *MPIMPI-A-PS*

For sim racing. Can be used with MPIMPI-RS-LG. Fits all MPI 3 and 6-bolt wheels.

Steering Wheel Cover *MPIMPI-A-SWC*

Protects the steering wheel during transport at the track and around the shop.

NexTek Series Oval Track Valve Springs

Put an end to spring degradation. NexTek springs are specially processed from chrome silicon that undergoes winding, thermal treating, and finishing processes prior to shipment. Spring I.D. is fully chamfered for retainer clearance. Sold in sets of 16.

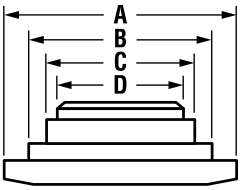
Part No.	O.D./I.D.	Max. Valve Lift	Seat Pressure	Open Pressure	Coil Bind
Oval Track, Roller					
MAN221445P-16†	1.620"/.852"	.800"	280@2.050"	680@1.250"	1.200"
Roller, w/o Damper					
MAN221452SF-16*	1.550"/.800"	.825"	250@2.025"	750@1.200"	1.150"

**** Signifies Super Finished. † Signifies polished finish.***

10° Titanium Retainers

Manley's 6AL 4V titanium 10° retainers have the durability needed for racing engines. Sold in sets of 16.

Part No.	Spring Type	Height	Spring O.D.	Dimensions A	Dimensions B	Dimensions C	Dimensions D
MAN23640-16	Double	+.100"	1.625"	1.500"	1.175"	.850"	—
MAN23644-16	Double	Std.	1.550"	1.500"	1.140"	.740"	—
MAN23648-16	Double	+.100"	1.580"/1.610"	1.500"	1.150"	.825"	—
MAN23650-16	Double	+.100"	1.550"	1.500"	1.140"	.740"	—
MAN23654-16	Double	Std.	1.625"	1.500"	1.175"	.765"	—
MAN23655-16	Double	+.100"	1.625"	1.500"	1.175"	.765"	—
MAN23658-16	Double	Std.	1.550"	1.500"	1.105"	.710"	—
MAN23661-16	Double	+.100"	1.550"	1.500"	1.120"	.705"	—



Chrome Moly Pushrods

Heat-treated, 4130 chrome moly pushrods have swaged ends and are black oxide-finished for corrosion protection. Available in 5/16" (.080"wall), 3/8" (.080" and .135"wall), and 7/16" (.125" wall) diameters. The 5/16" pushrods are available individually and in sets of 16; 3/8" pushrods are available individually and in sets of 8; and 7/16" pushrods are sold individually. For singles, replace the -16 or -8 with a -1.

Length	5/16" Dia., .080" Wall	3/8" Dia., .080" Wall	3/8" Dia., .135" Wall	7/16" Dia. .125" Wall
7.000"	MAN25700-16	—	—	—
7.050"	MAN25727-16	—	—	—
7.100"	MAN25729-16	—	—	—
7.150"	MAN25741-16	—	—	—
7.200"	MAN25733-16	—	—	—
7.250"	MAN25734-16	—	—	—
7.300"	MAN25730-16	—	—	—
7.350"	MAN25751-16	—	—	—
7.400"	MAN25735-16	MAN25822-8	—	—
7.450"	MAN25736-16	MAN25836-8	—	—
7.500"	MAN25754-16	MAN25854-8	—	—
7.550"	MAN25755-16	MAN25818-8	—	—
7.600"	MAN25767-16	MAN25876-8	—	—
7.650"	MAN25768-16	—	—	—
7.700"	MAN25772-16	MAN25828-8	—	—
7.750"	MAN25707-16	MAN25832-8	—	—
7.800"	MAN25709-16	MAN25787-8	—	—
7.850"	MAN25711-16	MAN25878-8	—	—
7.900"	MAN25712-16	MAN25788-8	—	—
7.950"	MAN25715-16	MAN25814-8	—	—
8.000"	MAN25716-16	MAN25816-8	MAN25339-1	—
8.050"	MAN25721-16	MAN25821-8	MAN25340-1	—
8.100"	MAN25722-16	MAN25810-8	MAN25341-1	—
8.150"	MAN25744-16	MAN25815-8	MAN25342-1	—

Length	5/16" Dia. .080" Wall	3/8" Dia. .080" Wall	3/8" Dia. .135" Wall	7/16" Dia. .125" Wall
8.200"	MAN25745-16	MAN25820-8	MAN25343-1	—
8.250"	MAN25701-16	MAN25825-8	MAN25344-1	MAN25141-1
8.275"	MAN25753-16	—	—	—
8.280"	—	MAN25795-8	—	—
8.300"	MAN25702-16	MAN25830-8	MAN25345-1	—
8.325"	—	MAN25826-8	—	—
8.350"	MAN25703-16	MAN25835-8	—	—
8.375"	MAN25763-16	—	—	—
8.380"	—	MAN25769-8	—	—
8.400"	MAN25706-16	MAN25840-8	—	MAN25145-1
8.425"	MAN25764-16	—	—	—
8.450"	MAN25708-16	MAN25845-8	MAN25348-1	MAN25146-1
8.500"	MAN25774-16	MAN25850-8	MAN25349-1	MAN25147-1
8.550"	MAN25710-16	MAN25855-8	MAN25350-1	MAN25148-1
8.600"	MAN25718-16	MAN25860-8	MAN25351-1	MAN25149-1
8.650"	MAN25724-16	MAN25865-8	MAN25352-1	MAN25150-1
8.680"	—	MAN25797-8	—	—
8.700"	MAN25799-16	MAN25870-8	MAN25353-1	MAN25152-1
8.750"	MAN25738-16	MAN25875-8	MAN25354-1	MAN25153-1
8.800"	MAN25742-16	MAN25880-8	MAN25355-1	—
8.850"	MAN25746-16	MAN25885-8	MAN25356-1	MAN25155-1
8.900"	MAN25758-16	MAN25890-8	MAN25357-1	MAN25156-1
8.950"	MAN25757-16	MAN25895-8	MAN25358-1	MAN25157-1
9.000"	—	MAN25900-8	MAN25359-1	MAN25158-1

**** To purchase individually, substitute -1 for the -8 suffix in part number.***

Race Flo Valves

Race Flo valves have been necked down in the port area to enhance flow. Exhaust valves are XH-426 stainless steel while intake valves are NK-842 stainless steel. Valve stems are fully chromed with hardened tips. Valves are swirl-polished and fully machined. Sold in sets of eight.*

Part No.	Type	Size	Stem	Installed Height
Small Block Chevrolet 262-400				
MAN11521-8	Exhaust	1.500"	.3415"	Stock
MAN11501-8	Exhaust	1.560"	.3415"	Stock
MAN11565-8	Exhaust	1.600"	.3415"	Stock
MAN11545-8	Exhaust	1.600"	.3415"	.100" Longer
MAN11522-8	Intake	1.940"	.3415"	Stock
MAN11500-8	Intake	2.000"	.3415"	Stock
MAN11566-8	Intake	2.020"	.3415"	Stock
MAN11568-8	Intake	2.055"	.3415"	Stock
MAN11546-8	Intake	2.055"	.3415"	.100" Longer
MAN11560-8	Intake	2.080"	.3415"	.100" Longer

Race Master Valves

Manley's Race Master valves have straight, fully chromed stems and hardened tips. Valves are thoroughly machined and swirl-polished. Intake valves are made of NK-842 stainless steel and exhaust valves are XH-426 stainless steel. Sold in sets of eight (unless noted).*

Part No.	Type	Size	Stem	Installed Height
Small Block Chevrolet 262-400				
MAN11861-8	Exhaust	1.500"	.3415"	Stock
MAN11863-8	Exhaust	1.600"	.3415"	Stock
MAN11877-8	Exhaust	1.600"	.3415"	.100" Longer
MAN11860-8	Intake	1.940"	.3415"	Stock
MAN11864-8	Intake	2.020"	.3415"	Stock
MAN11318-8	Intake	2.020"	.3415"	.100" Longer
MAN11806-8	Intake	2.055"	.3415"	Stock
MAN11810-8	Intake	2.055"	.3415"	.100" Longer
MAN11808-8	Intake	2.080"	.3415"	Stock
MAN11812-8	Intake	2.080"	.3415"	.100" Longer

Severe-Duty Valves

Severe-duty exhaust valves are made of XH-428 stainless steel which has double the tensile strength of imported valves at 1,500°F. Intake valves, constructed of NK-844 stainless steel, have over 1000 times greater fatigue strength than imported valves. Sold in sets of 8.

Part No.	Type	Size	Stem	Installed Height
Small Block Chevrolet 262-400				
MAN11567-8*	Exhaust	1.500"	.3415"	Stock
MAN11543-8*	Exhaust	1.600"	.3415"	Stock
MAN11595-8†	Exhaust	1.600"	.3415"	Stock
MAN11539-8#	Exhaust	1.600"	.3415"	.100" Longer
MAN11869-8	Exhaust	1.600"	.3415"	.100" Longer
MAN11749-8$	Exhaust	1.600"	.3415"	.100" Longer
MAN11865-8$	Exhaust	1.600"	.3415"	.200" Longer
MAN11751-8$	Exhaust	1.600"	.3415"	.200" Longer
MAN11755-8$	Exhaust	1.600"	.3415"	.400" Longer
MAN11513-8$	Exhaust	1.600"	.3415"	.500" Longer
MAN11763-8$	Exhaust	1.625"	.3415"	.600" Longer
MAN11592-8	Intake	1.937"	.3415"	Stock
MAN11886-8	Intake	1.940"	.3415"	.100" Longer
MAN11826-8	Intake	2.020"	.3415"	.100" Longer
MAN11846-8	Intake	2.055"	.3415"	.100" Longer
MAN11818-8	Intake	2.080"	.3415"	Stock
MAN11844-8	Intake	2.080"	.3415"	.100" Longer
MAN11858-8	Intake	2.080"	.3415"	.200" Longer

**** 7° dish face and 4.911" length # Valve has 10° under-head angle.***
† Flat face and 4.936" length $ Valve has 15° under-head angle.

Severe-Duty "Pro-Flo" Valves

Have many features of the Race-Flo line, but are made of severe-duty material. Exhaust valves are made from XH-428 stainless steel and intake valves are made from NK-844 stainless steel. Valve stems are fully chromed with hardened tips. "Pro-Flo" design offers an increase in flow up to 40% over other popular designs. Valves are swirl-polished and fully machined. Sold in sets of eight.*

Part No.	Type	Size	Stem	Installed Height
Small Block Chevrolet 262-400				
MAN11823-8	Exhaust	1.600"	.3415"	.100" Longer
MAN11824-8	Intake	2.055"	.3415"	.100" Longer

*** To purchase individually, substitute -1 for the -8 suffix in part number.**

Valve Locks

Heat-treated, black oxide-coated steel locks are available in extra-thick Super 7° or traditional 10° for conventional or bead lock valves. Sets of 8 (16 pieces) or 16 (32 pieces).

Part No.	Description	Installed Height	Lock Style
Super 7°			
MAN13080-16	5/16" Valve Locks	Standard	Conventional
MAN13081-16	11/32" Valve Locks	.050" Less	Conventional
MAN13083-16	11/32" Valve Locks	Standard	Conventional
MAN13084-16	11/32" Valve Locks	.050" More	Conventional
10°			
MAN13151-8	5/16" Valve Locks	Standard	Bead Loc
MAN13152-8	5/16" Valve Locks	.050" More	Bead Loc
MAN13161-8	11/32" Valve Locks	Standard	Bead Loc
MAN13162-8	11/32" Valve Locks	.050" More	Bead Loc
MAN13194-16	11/32" Valve Locks	Standard	Conventional
MAN13198-16	11/32" Valve Locks	.050" More	Conventional

SB Chevy Steel Guide Plates

Stamped for accuracy and heat treated to reduce wear. Designed for use with 5/16" dia. pushrods. Choose from flat or raised versions. Set of eight. ***Note: Heat-treated pushrods must be used with guide plates.***

Part No.	Description
MAN42151-8	Raised Steel, On-Center Stud
MAN42355-8	Flat Steel, On-Center Stud

Valve Stem Seals

Viton valve seals are profiled to clear small I.D. inners in triple valve springs. Sets of eight.

Part No.	Description	Guide O.D.	Seal O.D.
MAN24043-8	11/32" Valve Seals	.500"	.620"
MAN24045-8	11/32" Valve Seals	.530"	.674"

11/32" Wear Caps

Reduce valve tip wear with 4140 alloy steel, heat-treated wear caps. Available in standard (16 per set), and non-rotating (8 per set).

Part No.	Description
MAN42104-16	Standard, 16 pcs.
MAN42301-8	Non-Rotating, 8 pcs.

SB Chevrolet Race Roller Timing Kits

Premium-quality timing kits have cast camshaft sprockets, fully machined crankshaft sprockets with three keyways, and NASCAR Cup-style roller chains with 1/4" diameter rollers.

Part No.	Description
MAN73141	1955-78 SB Chevy Timing Kit, Includes Roller Thrust Button, Torrington Bearing and Cam Lock Plate
MAN73181	SB Chevy Timing Kit, Includes Torrington Bearing
MAN76161	SB Chevy Replacement Roller Chain

Chevy Cam Lock Plate *MAN42114*

Plate secures the camshaft bolts firmly in place. Fits small and big block Chevys.

Pushrod Length Checkers

A must for all racers and engine builders. In just seconds, this tool can determine the exact length pushrod needed for a particular application. Complete with instructions.

Part No.	Description
MAN42132	SB Chevy with 7/16" Studs
MAN42137	SB Chevy with 3/8" Studs

Roller Thrust Button

Placed between the camshaft nose and timing chain cover to prevent the camshaft from "walking" forward in the block.

Part No.	Description
MAN42111	SBC With Early (Up To 1978) Timing Covers; All BBC
MAN42113	SBC with Late (1979-Up) Timing Cover

Extreme Pressure Lube #3 *MAN40177*

Primarily used as a fastener lubricant, product is preferred by many top engine builders. 4-oz. tube.

SB Chevy 4340 Forged Steel IMCA-Legal Crankshaft *MAN190310*

Premium-quality, affordable 4340 crankshaft, designed for popular small block Chevy 3.480" stroke, two-piece rear main seal applications, is a non-twist forging. Lightweight crankshaft is engineered for internally-balanced engines, and has been heat-treated, stress-relieved, shot-peened, nitrided, and magnafluxed. Crank additionally includes micro-polished, large-radius journals and requires narrowed rod bearings. ***Notes: Crankshaft is for internally balanced, 2-piece rear main seal applications and requires narrowed, high-performance rod bearings. Two center rod journals are not gun-drilled.***

Application	Stroke	Rod Length	Main Journal	Rod Journal	Weight
2-Pc. Rear Main Seal	3.480"	5.700"	2.450"	2.100"	48-50 lbs.

SB Chevy Sportmaster® Connecting Rods

Rods are CNC-machined from quality 4340 forgings. Held to exacting tolerances for bore size, taper, and bend/twist, each rod is profiled around the entire beam to remove stress risers, resulting in a very light finished piece. After machining, the entire rod, including the bolt pad, is shot-peened for durability. ARP8740 3/8" diameter cap screws (190,000 PSI) are used exclusively, as are premium Ampco 18 bushings in the pin end. Shipped in weight-matched (±1.5 grams) sets of 8 only. Perfect for Pro Stock, Late model, and Sportsman racers with engines up to 550 horsepower @ 8,000 RPM. Listed rods have a big end width of .940" and a pin end width of .980". Sold in sets of eight.

Part No.	Description	Center-To-Center	Big End Bore	Pin Bore	Gram Weight
Large Journal					
MAN14101-8	Stock Length	5.700"	2.225"	.9281"	555
MAN14103-8	.300" Longer	6.000"	2.225"	.9281"	578

RS Series Motor Oils

Full 100% synthetic triple ester race-grade oil incorporates an industry-leading additive system that provides both maximum performance and increased protection. Advanced formula uses special anti-wear/extreme-pressure additives to provide superior engine protection, even under extreme loads and peak temperatures. Sold in 1-quart bottles or in cases. Not recommended for street use.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles	1-Gallon Jug	Case of (4) 1-Gallon Jugs
0W-10	MAX39-13901S	MAX39-13901	—	—
0W-20	MAX39-14901S	MAX39-14901	—	—
5W-20	MAX39-04901S	MAX39-04901	—	—
5W-30	MAX39-91901S	MAX39-91901	MAX39-919128S	MAX39-919128
10W-30	MAX39-01901S	MAX39-01901	MAX39-019128S	MAX39-019128
10W-40	MAX39-16901S	MAX39-16901	MAX39-169128S	MAX39-169128
15W-50	MAX39-32901S	MAX39-32901	MAX39-329128S	MAX39-329128

Semi-Syn Motor Oils

High-performance oil is a complex blend of highly refined base stocks and carefully selected synthetic esters that protects critical engine components beyond conventional oils. Semi-Syn is a fully formulated race oil that is compatible with petroleum or synthetic engine oils. High-zinc/phosphorous formula is ideal for use in flat tappet or roller camshaft engines. Sold in 1-quart bottles or in cases.

1-qt. Bottle	Case of (12) 1-qt. Bottles	1-Gallon Jug	Case of (4) 1-Gallon Jugs
10W-40			
MAX39-34901BS	MAX39-34901B	MAX39-349128BS	MAX39-349128B
20W-50			
MAX39-35901BS	MAX39-35901B	MAX39-359128BS	MAX39-359128B

Performance Motor Oils

High-performance petroleum oil is formulated using a technologically advanced additive package that is combined with a blend of highly refined petroleum base stocks. Lubricant resists mechanical breakdown and viscosity loss, while reducing wear on lifters, cams, and bearings. High-zinc/phosphorous formula is ideal for use in flat tappet or roller camshaft engines. Sold in 1-quart bottles, gallon jugs, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles	Case of (4) 1-Gallon Jugs
10W-40	MAX39-34901S	MAX39-34901	—
20W-50	MAX39-35901S	MAX39-35901	MAX39-359128

Performance Break-In Motor Oils

Engineered specifically for the critical break-in process, lubricant includes an elevated high-zinc/phosphorous formula that is blended with pure petroleum base stocks and anti-wear additives. Sold in 1-quart bottles, 1-gallon jugs, or in cases. Not recommended for street use.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles	1-Gallon Jug	Case of (4) 1-Gallon Jugs
5W-16	MAX39-09901S	MAX39-09901	—	—
10W-30	MAX39-10901S	MAX39-10901	MAX39-109128S	MAX39-109128
15W-50	MAX39-11901S	MAX39-11901	MAX39-119128S	MAX39-119128

HD Diesel Motor Oil

A fully formulated, heavy-duty diesel motor oil that offers superior protection from heat, soot, and acids, while preventing wear caused by deposits and corrosion. Oils offer superior film strength, even during high-temperature operation, for improved protection, performance, and fuel efficiency. Sold in cases of 1-gallon jugs.

Description	Case of (4) 1-Gallon Jugs
15W-40	MAX39-029128

Formula K2

A 100% synthetic, polyol ester-based two-cycle lubricant that offers improved protection to pistons, cylinder walls, cranks and bearings. May be used with leaded or unleaded fuels. Premix only.

16-oz. Bottle	Case of (12) 16-oz. Bottles
MAX22916S	MAX22916

Castor 927

Castor 927 is the ultimate two-cycle oil, fortified with clean-burning additives to reduce rust, oxidation, ring sticking, carbon build-up, and power valve maintenance. Premix only.

16-oz. Bottle	Case of (12) 16-oz. Bottles
MAX23916S	MAX23916

Syn Racing ATF

High-performance automatic transmission racing fluid is a fully synthetic formula with anti-wear and extreme pressure additives that is designed to perform under high-stress/high-load racing conditions. Fluid uses a no-slip formula to deliver clean, crisp shifts, while reducing clutch drag and friction. Offered in 20W or 30W viscosities, fluid is sold in 1-quart bottles, 1-gallon jugs, or in cases.

Part No.	Description
20W	
MAX49-01901S	1-qt. Bottle
MAX49-01901	Case of (12) 1-qt. Bottles
30W	
MAX49-029128S	1-Gallon Jug
MAX49-029128	Case of (4) 1-Gallon Jugs

Pro Gear 75W-90

Full-synthetic, high-performance ester racing gear oil provides unsurpassed performance and protection. Lubricant resists shearing, mechanical breakdown, and loss of viscosity. Recommended in any differential where an API GL-5 gear oil is specified. Sold in one-quart bottles, one-gallon jugs, 5-gallon pails, or in cases.

Part No.	Description
MAX49-449128S	1-qt. Bottle
MAX49-449128	Case of (12) 1-qt. Bottles
MAX49-449128S	1-Gallon Jug
MAX49-449128	Case of (4) 1-Gallon Jugs
MAX49-44505	5-Gallon Pail

Synthetic Racing Shock Fluid

A full-synthetic race-grade 3W shock fluid engineered to withstand extreme temperatures and loads. Fluid includes a special additive system to provide clean, trouble-free operation over extended periods. Sold in one-quart bottles, cases of (12) one-quart bottles, or in 5-gallon pails.

1-qt. Bottle	Case of (12) 1-qt. Bottles	5-Gallon Pail
3W		
MAX50-57901S	MAX50-57901	MAX59-58505L

Racing Shock Fluid

RSF includes a synthetic polymer package that offers a very high viscosity index and extremely low pour point, providing consistent performance over a wide temperature range. Offered in 3W and 10W formulas, and sold in one-quart bottles or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
RSF, 3 Wt. Light	MAX59-58932LS	MAX59-58932L
RSF, 10 Wt. Heavy	MAX58901HS	MAX58901H

Syn PSF

Syn PSF is a high-performance, synthetic power steering fluid that is engineered to endure the severe stress and high temperatures common to racing. Fluid prevents wear, thermal breakdown, and oxidation.

1-qt. Bottle	Case of (12) 1-qt. Bottles
MAX89-01901S	MAX89-01901

Brake Fluid

Maxima racing brake fluid protects against moisture contamination and includes high boiling points for maximum effectiveness. Choose from several formulas.

Description	16.9-oz. Bottle	Case of (24) 16.9-oz. Bottle
Universal DOT 4	MAX80-86916S	MAX80-86916
Racing 600+ DOT 4	MAX80-87916S	MAX80-87916
Silicone Base DOT 5	MAX80-81916S	MAX80-81916

Cool-Aide

Racing coolant and additive reduces engine coolant temperatures and provides more efficient heat transfer. Offered in ready-to-use or concentrate formulas. Cool-Aide mixes with water and anti-freeze, and does not offer freeze protection.

Part No.	Description
Concentrate	
MAX84916S	16-oz. Bottle
MAX84916	Case of (12) 16-oz. Bottles
Ready-to-Use	
MAX84964S	64-oz Container
MAX84964	Case of (6) 64-oz. Containers

Coolanol

High-performance coolant is a premixed, ready-to-use premium antifreeze and deionized water package that protects against rust, corrosion, foaming, and cavitation, while providing lubrication to the water pump and seals.

1-Gallon Container	Case of (4) 1-Gallon Containers
MAX82964S	MAX82964

Air Filter Oil NEW!

Semi-synthetic foam air filter oil utilizing a proprietary blend of synthetic polymers to allow up to 12% more air flow than competitive formulations while stopping up to 8% more contaminates.

32-Oz. Bottle	Case of (12) 32-Oz. Bottle
MAX60901	MAX60901S

Fab 1

Spray-on air filter oil delivers unsurpassed protection from the elements.

13-oz. Can	Case of (12) 13-oz. Cans
MAX61920S	MAX61920

Air Filter Care Kit

Clean and oil air filters quickly and effectively for increased air flow and horsepower. All-in-one two-pack includes Air Filter Cleaner (15.5-oz. aerosol) and Fab 1 (13-oz. aerosol) spray-on air filter oil.

Air Filter Care Kit	Case of (6) 2-Pack Kits
MAX70-799202S	MAX70-799202

Foam Filter Treatment

Race-proven Foam Filter Treatment catches dirt and fine dust without restricting air flow. Will not plug foam cells or migrate off of filter.

16-oz. Bottle	Case of (12) 16-oz. Bottles
MAX60916S	MAX60916

Hi-Test

Concentrated octane booster readily mixes with all gasolines, alcohol, or nitro mixtures, suppressing detonation and pre-ignition. One ounce per gallon raises the octane number of gasoline approximately four points. May be used in concentrations of one to four ounces per gallon of gasoline.

16-oz. Container	Case of (12) 16-oz. Containers
MAX83916S	MAX83916

Suspension Clean

Unique formula helps clean suspension components quickly and easily, leaving no residue. Product incorporates strong industrial cleaners with a powerful spray and will not harm O-rings or seals.

13-oz. Aerosol Can	Case of (12) 13-oz. Aerosol Cans
MAX71920S	MAX71920

Contact Cleaner

A blend of cleaning agents that displace moisture, while removing grease, grime, and oil. Heavy-duty aerosol cleaner is outstanding for use on ignitions, spark plugs, electrical components, etc.

13-oz. Aerosol Can	Case of (12) 13-oz. Aerosol Cans
MAX72920S	MAX72920

Assembly Grease

Assembly lubricant is a specially-blended, calcium sulfonate complex soap thickener combined with a proprietary additive system for unmatched thermal stability and extreme-pressure performance. Oil-soluble formula will not clog filters, while protecting against corrosion, water washout, and wear.

16-oz. Container	Case of (12) 16-oz. Containers
MAX69-02916S	MAX69-02916

Chain Wax

Parafilm formula sprays on as a liquid, penetrates, and sets-up as a soft, waxy film, protecting the chain from the elements. High-performance lubricant is suited to X, Z, and O-ring chains, providing protection from rust and corrosion.

13.5-oz. Aerosol Can	Case of (12) 13.5-oz. Aerosol Cans
MAX74920S	MAX74920

Synthetic Chain Guard

Crystal-clear, 100% synthetic formula penetrates inner pins and rollers, lubricating and providing protection from friction, shock load, and high temperatures. Guards against rust and corrosion, while resisting fling-off. Safe for X, Z, and O-ring chains.

15.5-oz. Aerosol Can	Case of (12) 15.5-oz. Aerosol Cans
MAX77920S	MAX77920

Clean-Up Chain Cleaner

Thoroughly cleans chains without harming rubber O-rings or metal surfaces. Clean-Up dissolves quickly and removes hard-to-clean buildup on chains.

15.5-oz. Aerosol Can	Case of (12) 15.5-oz. Aerosol Cans
MAX75920S	MAX75920

Multi-Purpose Penetrant Lube

MPPL is an all-purpose, spray-on penetrating lubricant that delivers light lubrication while providing a barrier from rust and corrosion. Displaces moisture and helps loosen rusted fasteners.

15.5-oz. Aerosol Can	Case of (12) 15.5-oz. Aerosol Cans
MAX73920S	MAX73920

Speed Wax

All-in-one detailer conditions, shines, and protects painted surfaces, chrome, and plastic. Sets-up quickly and easily wipes from smooth surfaces.

15.5-oz. Aerosol Can	Case of (12) 15.5-oz. Aerosol Cans
MAX70-76920S	MAX70-76920

SC1

Cleans and polishes plastic, fiberglass, and painted surfaces. Excellent for use as a clear coat to prevent mud, dirt, and rubber from adhering to body panels. Sold in 4- or 12-oz. aerosol cans, or in cases.

Part No.	Description
MAX78920S	12-oz. Aerosol Can
MAX78920	Case of (12) 12-oz. Aerosol Cans
MAX78904S	4-oz. Aerosol Can
MAX78904	Case of (24) 4-oz. Aerosol Cans

Bio Wash

A biodegradable, all-purpose cleaner that removes grease, grime, and oil with ease. Tough, yet gentle on paint, plastic, chrome, anodizing, rubber, carbon fiber, etc.

32-oz. Bottle	Case of (12) 32-oz. Bottles
MAX80-85932S	MAX80-85932

Waterproof Grease

High-temperature, multi-purpose lithium grease complex provides superior lubrication, water resistance and clings to metal surfaces, even under the most severe conditions.

16-oz. Container	Case of (12) 16-oz. Containers
MAX80916S	MAX80916

Fuel Enhancer

MAX80-89901S

Fuel additive eliminates the problems associated with ethanol fuels. Product conditions, treats, and stabilizes ethanol, preventing oxidation, corrosion, varnish, gum, and deposits, while cleaning the fuel system of these unwanted contaminants. Sold in 1-quart bottles.

Assembly Lube

Specially formulated to protect highly loaded engine components during engine assembly and the break-in period.

4-oz. Bottle	Case of (12) 4-oz. Bottles
MAX69-01904S	MAX69-01904

The Original Gloves

Machine-washable stretch knit gloves have padded Spandex tops, elastic cuffs, hook-and-loop closures, seamless, multi-panel fingertips, and hidden seams to improve sensitivity and durability.

Size	Black
Black	
X-Small	AXOMG-05-007
Small	AXOMG-05-008
Medium	AXOMG-05-009
Large	AXOMG-05-010
X-Large	AXOMG-05-011
XX-Large	AXOMG-05-012
Red	
Small	AXOMG-02-008
Medium	AXOMG-02-009
Large	AXOMG-02-010
X-Large	AXOMG-02-011
XX-Large	AXOMG-02-012
Blue	
Small	AXOMG-03-008
Medium	AXOMG-03-009
Large	AXOMG-03-010
X-Large	AXOMG-03-011
XX-Large	AXOMG-03-012
Yellow	
Small	AXOMG-01-008
Medium	AXOMG-01-009
Large	AXOMG-01-010
X-Large	AXOMG-01-011
XX-Large	AXOMG-01-012
Pink Camo	
Small	AXOMG-72-510
Large	AXOMG-72-530
Stealth	
Small	AXOMG-55-008
Medium	AXOMG-55-009
Large	AXOMG-55-010
X-Large	AXOMG-55-011
XX-Large	AXOMG-55-012

The Original Hi-Viz ***NEW!***

Constructed using fluorescent and reflective materials to increase safety and visibility in low-light working conditions, general purpose gloves are ideal for maintenance, repair, etc. Black/fluorescent yellow only.

Size	Part No.
Large	AXOSMG-91-010
X-Large	AXOSMG-91-011

CarbonX Level 1 Gloves

Fire-resistant gloves feature CarbonX-lined, genuine leather palms that are backed by a second layer of CarbonX stretch-knit. Gloves utilize wide leather cuffs for ease of entry, while leather reinforcement panels are used in high-wear areas. Meet SFI 3.3/1 specifications.

Size	Part No.
Medium	AXOCXG-L1-009
Large	AXOCXG-L1-010
X-Large	AXOCXG-L1-011
XX-Large	AXOCXG-L1-012

Material4X Gloves

Durable gloves are manufactured from Material4X synthetic leather for improved wear- and tear-resistance. Gloves offer the same fit and feel as the Original glove and are completely machine washable. TPR closures provide a secure hook-and-loop fit. Offered in black/tan only.

Size	Part No.
Large	AXOMG4X-75-010
X-Large	AXOMG4X-75-011

FastFit Gloves

All-purpose gloves have angled elastic cuffs for quick, easy entry. Lycra insert panels between fingers and Clarino MWX-2 synthetic leather palm provide protection, comfort, and exceptional grip.

Size	Part No.
Yellow	
Small	AXOSFF-91-008
Large	AXOSFF-91-010
X-Large	AXOSFF-91-011
XX-Large	AXOSFF-91-012
Red	
Medium	AXOMFF-02-009
Large	AXOMFF-02-010
X-Large	AXOMFF-02-011
XX-Large	AXOMFF-02-012
Blue	
Medium	AXOMFF-03-009
Large	AXOMFF-03-010
X-Large	AXOMFF-03-011
Black	
Small	AXOMFF-05-008
Medium	AXOMFF-05-009
Large	AXOMFF-05-010
X-Large	AXOMFF-05-011
XX-Large	AXOMFF-05-012

Leather FastFit NEW!

General purpose, Durahide FastFit leather gloves deliver exceptional abrasion resistance when operating power tools or performing other heavy-duty work. Offered in tan/black only, gloves are machine washable.

Size	Part No.
Large	AXOLFF-75-010
X-Large	AXOLFF-75-011

Kevlar Heat Sleeves
AXOMHS-05-500

Extra-long snug sleeves are made of 100% woven Kevlar to protect arms from heat and hot lubricants. Use with gloves. Sold in pairs.

M-Pact Gloves

For tire changing and jacking, the Mechanix Wear M-Pact gloves have double layers with padded palms, reinforced thumb and index finger panels, and Neoprene-padded knuckle panels. Machine washable.

Size	Part No.
Black	
Small	AXOMPT-58-008
Medium	AXOMPT-58-009
Large	AXOMPT-58-010
X-Large	AXOMPT-58-011
XX-Large	AXOMPT-58-012
Red	
Medium	AXOMPT-52-009
Large	AXOMPT-52-010
X-Large	AXOMPT-52-011
Covert	
Medium	AXOMPT-55-009
Coyote	
Large	AXOMPT-72-010

M-Pact CR5 Gloves

The M-Pact CR5 incorporates synthetic palms with Armortex Cut to offer CE level 5 cut-resistance, protecting hands from severe abrasions, lacerations, and puncture. Thermoplastic rubber is additionally used on the back to offer impact resistance to the knuckles and fingers. Fluorescent materials are used to increase hand safety.

Size	Part No.
Large	AXOSMP-C91-010
X-Large	AXOSMP-C91-011

M-Pact Fingerless Covert Gloves
AXOMFL-55-010

Designed to protect hands from impact and abrasion, anatomically designed gloves feature TPR inserts and Armortex reinforcements. Fingerless design allows increased sensitivity during assembly or disassembly of components. Machine washable. Large and black only.

MELLING PERFORMANCE

Select Performance Oil Pumps

Select Performance pumps have hardened steel gears and cast, manganese phosphate-coated housings. Some models include an additional cover shaft support. Small block Chevy pumps include intermediate shaft.

Part No.	Volume Increase	Inlet Dia.	Shaft Support	Pick-up Screen	Anti-Cavitation Grooves (Race Only)
Small Block Chevy 265-400					
MEL10550ST	25%	5/8"	No	Press-In	No
MEL10551ST	25%	3/4"	No	Press-In	No
MEL10552ST	10%	3/4"	Yes	Bolt-On	No
MEL10553ST	0%	5/8"	No	Press-In	No
MEL10554ST	0%	3/4"	No	Press-In	No
MEL10555ST	25%	3/4"	Yes	Bolt-On	No

SB Chevy Billet Aluminum Circle Track Racing Oil Pumps

Rigid billet aluminum housed oil pumps are engineered to endure the rigors of circle track racing. Pumps are manufactured from 6061-T6 aluminum that has been hard coat anodized for added durability, fitted with billet steel gears, and an integrated pickup screen designed for use with 7" deep oil pans. Offered in standard or high-volume versions, pumps are sold complete with chrome moly steel drive shaft, stud kit, and (2) relief springs.

Part No.	Description
MEL10050ST-700CT	SB Chevy High-Volume Oil Pump, 7" Deep Oil Pan
MEL10055ST-700CT	SB Chevy Standard-Volume Oil Pump, 7" Deep Oil Pan

Stock Replacement Oil Pumps

Every Melling oil pump is 100% pressure tested. Idle and bypass pressure are checked to guarantee workmanship before every oil pump leaves the factory.

Standard Volume	High Pressure	High Volume
SB Chevy		
MELM55	MELM55A	MELM55HV

"Shark Tooth Pump"

Improves the heartbeat of the traditional internal gear pump. It is now significantly smoother through the use of new helical asymmetrical gears. The new gear design provides the engine with an improved flow of oil without the usual pulsing found in traditional gear pumps. The reduction in the pressure ripple from the pump will also provide benefits to the distributor and camshaft drive.

SMOOTHER
- **Significant reduction in pressure ripple (pulsing)**
- **Reduction in torque ripple in pump drive**
- **Improved distributor operation - reduction in spark scatter**
- **Reduced distributor gear wear & intermediate shaft wear**

TIGHTER
- **Improved sealing of gear tips to housing**
- **Reduced internal leakage**
- **Improved efficiency and performance**

QUICKER
- **Increased inlet vacuum**
- **Primes faster**

Part No.	Description
MEL10550ST	SB Chevy, 25% Additional Volume, 5/8" Dia. Press-Fit Pickup Screen
MEL10551ST	SB Chevy, 25% Additional Volume, 3/4" Dia. Press-Fit Pickup Screen
MEL10552ST	SB Chevy, 10% Additional Volume, 3/4" Dia. Bolt-On or Press-Fit Pickup Screen
MEL10555ST	SB Chevy, 25% Additional Volume, 3/4" Dia. Bolt-On or Press-Fit Pickup Screen

Small Block Chevy Intermediate Shaft
MELIS55E

Stress-proof steel shaft offers maximum strength, added durability, and includes a steel guide.

Engine Blocks Sleeves

Part No.	Overall Length	I.D.	O.D.	Wall Thickness
MEL590231	6.250"	4.020"	4.303"	1/8"
MEL590261	6.250"	4.095"	4.378"	1/8"
MELCSL157	7.8750"	4.000"	4.1905"	3/32"

MOTHERS® Polishes•Waxes•Cleaners

PowerBall Polishing Tool

Polish aluminum billet and diamond plate as well as stainless steel with the PowerBall. Requires a 3/8" drill and compresses to fit into tight spaces. Quickly and easily polishes items to a show-winning finish, especially those made of alloys. For best results, use with Mothers PowerMetal aluminum polish.

Part No.	Description
MTH05140	PowerBall Polishing Ball
MTH05141	PowerBall Mini Polishing Ball
MTH05146	Powerball Polishing Cone
MTH05112	PowerMetal Aluminum Polish, 8-oz.

Polishes, Waxes, and Cleaners

MTH05100

MTH06208

Part No.	Description
MTH05100	Mag and Aluminum Polish, 5-oz.
MTH05101	Mag and Aluminum Polish, 10-oz.
MTH06208	Plastic Polish, 8-oz.
MTH15724	Speed Spray Wax, 24-oz.
MTH16915	Speed Tire Shine

Titanium Bolts, Studs, and Nuts

Fasteners are made with aircraft-grade titanium alloy. Mettec bolts have forged heads for superior strength. The threads are then rolled to produce greater fatigue strength and reduce galling. Bolts exceed minimum ultimate tensile strength of 120,000 psi. All fasteners are sold each unless specified. ***Note: Fasteners with "F" suffix have a flange head.***

Length	3/8"-24	3/8"-16	1/2"-20	1/2"-20 With 9/16" Hex Head
1"	MTTT4NF03751000	MTTT4NC03751000	—	—
1-1/4"	MTTT4NF03751250	MTTT4NC3751250F	MTTT4NF05001250	—
1-1/2"	—	—	MTTT4NF05001500	—
1-3/4"	—	—	MTTT4NF05001750	—
2"	MTTT6NF03752000	—	MTTT4NF05002000	—
2-1/4"	—	—	—	MTT4NF5002250F
2-1/2"	—	—	—	MTT4NF5002500F
2-3/4"	—	—	MTTT4NF05002750	MTT4NF5002750F
3-1/2"	—	—	—	MTT4NF5003500F

Titanium Stud, Nut, and Bolt Kits

Mettec products are constructed with aircraft-grade titanium alloy which is 37% lighter than steel. Bolts and studs feature threads that are rolled to produce greater fatigue strength and reduce galling. In addition, bolts have forged heads for superior strength. Made in USA.

Part No.	Description
MTTKT537	Titanium Radius Rod One-Nut Stud Kit for Through-Hole Bung in Frame, Kit Includes (6) Studs and (12) Steel Nylock Nuts
MTTKT538	Titanium Radius Rod to Frame 1/2 Bolt Kit, Contents Include (6) 1/2"-20 x 2-3/4" Hex Head Bolts and (6) Steel Nylock Nuts
MTTKT530	Titanium Fuel Tank Top Plate Bolt Kit
MTTKT531	Titanium Nerf and Bumper Bolt Kit, Kit Contains (12) 3/16" x 1-1/2" Hex Head Bolts and (12) Steel Nylock Nuts
MTTKT533	Titanium Front Hub 12-Point Star Bolt and Hex Flange Nut Kit, Kit Contains (5) 3/8"-16 x 1-3/8" Bolts and (5) 3/8" Titanium Nuts
MTTKT539	Titanium Shock Stud Kit for 1/2"-20 Threaded Frame Bungs, Kit Contains (6) Studs and (6) Steel Nylock Nuts
MTTKT534	Titanium Header Stud and Nut Kit, Contains (14) 3/8" Studs with 5/32" Hex Key Broached In One End and (14) Moly-Coated Hex Flange Nuts

Triple XXX and Maxim Chassis Bolt Kit

MTTKIT500HFMAXR1

30-piece, 1/2" titanium bolt and nut kit with 9/16" hex heads. 47% lighter than comparable steel products with no chance of rust or corrosion.

Miscellaneous Bolts, Single Stud, and Nuts

Part No.	Description
MTTTD503	Titanium Rear Shock Lower Arm, One Nut/ Single Stud
MTTSD502	Steel Drag Link and Tie Rod, One Nut/Single Stud
MTTSD503	Steel Rear Shock Lower Arm, One Nut/Single Stud

Brad Lamberson — Photo by: JohnnyB Imagery

Linden Jones — Photo by: JohnnyB Imagery

Milodon

Oil Pumps and Oil Pump Drive Shafts

Milodon oil pumps provide a 20-30% increase in volume and pressure. Flow-tested for quality and performance. Pump drive shafts are machined from 4130 chrome moly, centerless-ground to avoid stress risers, and then heat-treated. For use with high-volume/high-pressure oil pumps. Chevy pump drives use pinned steel collars instead of plastic.

Application	Oil Pump	Pump Drive
SB Chevy 283-400		
High-Volume/High-Pressure, 5/8" Inlet	MIL18750*	MIL23050
SB Chevy Z-28 283-400		
Standard-Volume/High-Pressure	MIL18756	MIL23050
SB Chevy LT-1 350-400		
High-Volume, 3/4" Inlet	MIL18740*	MIL23060
**** High-volume pumps are 3/8" deeper than stock.***		

Oil Pump Stud

MIL17050

Stud is centerless-ground from 8740 steel with rolled and heat-treated threads, ground washer, and nut. Fits small block Chevy.

Small Block Chevy Main Caps

Rigid main caps, CNC-machined from high-strength ductile material, increase the bottom end strength of 2- or 4-bolt main blocks. Sold complete with required hardware. Block must be align-honed for installation.

Part No.	Description
MIL11150	SB Chevy, OEM 2-Bolt Main, Angled Bolts
MIL11180	SB Chevy 400, 2- or 4-Bolt Main, Angled Bolts

SB Chevy Lifter Valley Screen Kit

MIL23150

Stainless steel oil screens cover drain-back holes in the lifter valley, preventing broken valve train debris from causing serious bottom-end damage. Epoxy adhesive included.

Reinforced Steel Timing Cover

MIL65555

Gold iridite-coated small block Chevy steel timing cover has a reinforced cam thrust area to prevent cam "walk."

Small Block Chevy Fastener Kits

Milodon offers a variety of popular fasteners for small block Chevy.

Part No.	Description
MIL81300	Oil Pan Stud Kit
MIL84530	Harmonic Balancer Bolt, 3/4" Hex Head
MIL85000	Oil Pan Bolt Kit
MIL85400	Intake Manifold Bolt Kit

MIL84530

MOROSO

"Power Kickout Series" Oil Pans

Kicked out sump, 7-1/8" deep, seven-quart capacity (plus filter) pan. Steel pan is fully baffled, and include five trap doors and removable windage tray. Compatible with strokes up to 3.800".

Part No.	Description
MOR21312	Steel Pan, Fits Pre-1980 Blocks with Driver's Side Dipstick or 1980-85 Blocks with Passenger's Side Dipstick
Pickup Required:	
MOR24101	When Using Melling MEL10555ST Oil Pumps
MOR24103	When Using Standard-Volume, MOR22101 or MEL10553ST Oil Pumps
MOR24104	When Using High-Volume, MOR22111 or MEL10550ST Oil Pumps

Unidirectional Windage Tray Screen

MOR22912

Tray directs oil to sump area and increases horsepower by preventing oil from splashing back onto rotating assembly. 23" X 16" screen must be trimmed for each application.

Oil Control Kit *MOR23035*

Oil control kit for small block Chevrolet engines converts virtually any stock-type oil pan to a competition pan. Includes PTFE-coated, louvered windage tray, crankshaft scraper, and rear main oil cap baffle. Some trimming may be required for installation. Components are also available separately.

Part No.	Description
MOR23000	Rear Main Cap Baffle
MOR23020	Louvered Windage Tray
MOR25800	Crankshaft Wiper

Heavy-Duty Racing Oil Pump

"Tough Neck" series offers more material and is thicker in the neck area.

Part No.	Description
MOR22099	SB Chevy, Standard-Volume
MOR22109	SB Chevy, High-Volume

SB Chevy HD Oil Pumps

MOR22124

Available separately or complete with pickups that have been welded to the pump body for a bolt-on installation. Choose the pump/pickup that matches the depth of the oil pan.

Description	Oil Pump/Pickup	Oil Pump Only
Standard Volume Oil Pump		
8-1/4" Deep Pan, 5/8" Inlet	MOR22124	MOR22101
High Volume Oil Pump		
8-1/4" Deep Pan, 5/8" Inlet	MOR22134	MOR22111
7-1/2" Deep Pan, 5/8" Inlet	MOR22144	MOR22111
8-1/4" Deep Pan, 3/4" Inlet	MOR22146	—
7-1/8" Deep Pan, 3/4" Inlet	MOR22147	—

Oil Pump Driveshafts

Designed to replace mild steel OEM shafts, high-quality steel units include a pinned steel sleeve for proper oil pump and shaft alignment.

Part No.	Description
MOR22070	SB Chevy, 5.75" Long
MOR22077	SB Chevy Dart, .391" Raised Cam, 6.24" Long
MOR22090	SB Chevy, When Using BB Chevy Pump, 5.625" Long

Oil Pump Stud Kit *MOR38150*

Oil pump stud (7/16" x 3-3/16") is made of 4130 steel and fits small or big block and 90° V6 Chevy engines. Includes stud, self-locking nut, and hardened, ground washer.

Oil Pan Inspection Plug Kit *MOR23970*

Post-race inspections of the crankshaft and connecting rods without removing the oil pan are easy with Moroso's Oil Pan Inspection Kit. The easy-to-install kit includes a steel fitting that welds to the side of the oil pan, and a removable lightweight aluminum inspection plug with a 1" NPT thread.

Oil Pump Block-Off Plate *MOR23790*

Bolt-on aluminum plate seals oil passage on rear main cap when dry sump is used. Requires no drilling or tapping for installation on small block Chevys.

Oil Restrictor Kits

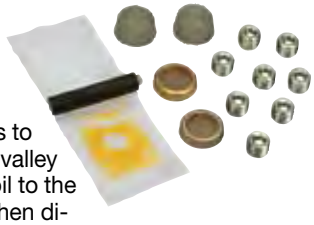
Reduce flow to rocker arm assemblies, leaving more oil available for rod and main bearings. Power-robbing windage is reduced by lessening the volume of oil passing by the rotating assembly on its return to the pan. Not for use with hydraulic lifters.

MOR22010

MOR22016

Part No.	Description
MOR22010	SB And BB Chevys, .0625" Orifice Dia., Screws into Lifter Gallery Cleaning Plug Holes at Back of Block, Two Per Package
MOR22016	New GM Blocks with Oil Lifter Gallery Bosses, Flush with Bellhousing Face, Two Per Package

Oil Return Screen Kit *MOR25000*



Screen retains debris in the lifter valley area and includes eight plugs to plug the oil return holes in the lifter valley above the cam. This redirects the oil to the front and rear return galleries and then directly to the sump area, instead of dumping it on the crankshaft, causing increased windage and lost horsepower. Fits SB Chevy.

Racing Oil Filters

Rated at 27 microns, filters reduce pressure drop, offer more flow, less oil bypass, and maximum oil filtration.

Part No.	Description
MOR22459	Chevy Short-Style Oil Filter, 4-9/32" Tall
MOR22460	Chevy Tall-Style Oil Filter, 5-1/4" Tall
MOR22470	Ford/Chrysler Tall-Style Oil Filter, 5-1/4" Tall

Engine Saver Pre-Filter Screen *MOR23845*

Locates on top of spin-on oil filters to trap debris before it enters the filter element, providing an early warning for engine problems. 304 stainless steel, filtration-grade screen traps contaminants down to the 280-micron range without affecting oil flow or pressure. Crimped rings on inside and outside diameters increase strength and durability. Fits small block, big block, and 90° V6 Chevys.

Oil Bypass Eliminator *MOR23775*

Machined billet aluminum adapter eliminates the bypass found in OEM small block Chevy filter adapters, preventing unfiltered oil from entering the engine. Adapter features a single inlet and accepts spin-on, stock-type oil filters.

Oil Filter Adapters

Adapters lower filter 1-1/2" and accept accumulators, external or dry sump pumps, or remote oil coolers. Will fit small block Chevys without modification. Adapters use 1/2" NPT inlets and outlets. Includes instructions, mounting bolts, and O-rings.

Part No.	Description
MOR23690	Adapter for Plumbing Accumulators and External or Dry Sump Pumps
MOR23692	Adapter for Plumbing Remote Oil Coolers

Billet Aluminum Remote Oil Filter Mounts

MOR23764

Remote oil filter mount accepts Chevy-style oil filter and offers more installation options. Black anodized billet aluminum mount has two -12AN inlets and three outlets: one -12AN and two 1/4" NPT.

Part No.	Description
MOR23763	Side-Port Style
MOR23764	Front-Port Style

Oil Filter Bypass *MOR23770*

Oil filter bypass fits all small block Chevy V8s. For use with wet sump oil systems when remote oil filters or coolers are used. Bypasses are cast from aluminum with 1/2" NPT inlet and outlet. Includes gaskets and fasteners.

Billet Oil Filter Bypass Plate *MOR23782*

Plate is necessary when using a remote oil filter or returning oil from dry sump systems. Plate fits small block Chevy and accepts -10AN O-ring port fittings. O-rings are captured in the plate for a tight seal against the block. Includes mounting hardware and O-rings.

Oil Filter Block-Off Plate *MOvR23840*

Often used on dry sump oil system installations, plate has a 1/2" NPT port for input pressure line and fits all small and big block Chevy (except Gen. V/VI or those with bolt hole at center of pad).

In-Line Oil Filter

Filters are a necessity in many scavenge line locations to prevent metal chips from entering dry sump pumps, rear end pumps, and other oiling system components. Lightweight anodized aluminum filters are easy to disassemble and clean.

Part No.	Description
MOR23850	5/8"-10 Fittings
MOR23860	3/4"-12 Fittings
MOR23870	1/2"-8 Fittings

Filter Fitting *MOR23961*

-12AN fittings trap metal chips in the oil before they reach the pump, engine, or rear end. Fits dry sump tanks, oil pans, rear end filler/breathers, etc., and is easily removed for cleaning. Screen is 304 stainless steel, 16 mesh wire, .015" diameter. Sold individually.

Oil Preheaters

Oil preheaters heat the oil without scorching or boiling. 212 watts of power raises temperature of 12 quarts of oil 60°F in approximately 30 minutes. Element is 4-1/2" long and screws into place with 1" NPT fitting. 120-volt unit includes detachable 7' cord.

Part No.	Description
MOR23980	Oil Preheater with Aluminum Fitting
MOR23990	Oil Preheater With Steel Fitting

Self-Contained Oil Preheater *MOR23991*

Pre-heat 12 quarts of oil in just 25 minutes using 400 watts of power. Self-contained, plug-in 110/120V unit is 4-3/4" from fitting to tip. Includes 1/2"-14 NPT aluminum weld bung.

External Heating Pads

Pads adhere to oil tanks to preheat engine oil. Etched foil distributes heat evenly and silicone outer shell resists oil and dirt. Includes 18-AWG electrical cord with plug for 110-volt AC outlets.

Part No.	Description
MOR23995	6" x 12" 360 Watt Pad, Hook-and-Spring Attachment
MOR23996	5" x 7" 400 Watt Self-Adhesive Pad, Heats from 66° to 160°F in 25 Min.
MOR23997	2" x 15" Self-Adhesive Pad, Perfect for Narrow Areas

Small Block Chevy Die-Cast Aluminum Valve Covers *MOR68385*

Tall, thin-wall small block Chevy 262-400 covers are about half the weight of standard cast versions. The casting process yields a blemish free surface with no porosity. Valve covers are hand-polished and sold in pairs with studs, grommets, and crossover breather tube kits.

Sprint Car Billet Aluminum Valve Covers *MOR68050*

Each valve cover is CNC-machined from billet aluminum. Each cover weighs less than 1.69 pounds without sacrificing strength. Fit SB Chevy 13° to 23° cylinder heads with conventional valve location. A fitted silicone-rubber bead-flange seal provides an air tight vacuum seal promoting improved ring seal and power. Black anodized finish. Sold in pairs.

Breather Tube Kits

MOR68850

Engineered for small block Chevy powered race cars, kit includes components to build an effective crankcase breather system. Mounting hardware and aluminum weld-in bungs included.

Part No.	Description
MOR68762	Crossover Breather Tube Kit
MOR68850	1.75" Dia. Tubing with 8.5" Long Legs, Black Anodized Finish

Weld-In Filtered Breather Kit *MOR68800*

Designed for use with aluminum valve covers, kit includes two internally baffled breather tubes which must be welded to valve covers.

Small Block Chevy Valve Cover Hold-Down Tabs *MOR68510*

Chrome-plated steel tabs spread the fastener load over a larger area of the valve cover flange to eliminate distortion and leakage. Set of four 5" hold down tabs with 5/16" holes service one cover.

Filtered Valve Cover Breathers

MOR68813

Hooded and non-hooded breathers are available in two styles, clamp-on or push-in. The steel housings on all breathers are chrome-plated. Elements must be oiled before use and are easily cleaned with soap and water. Elements must be dry before re-oiling. Sold individually. ***Note: The hooded, filtered breathers should be installed with the hood facing the fan so that no grit can be blown into the element.***

Part No.	Description
Hooded Clamp-On Type	
MOR68811	Fits 1-3/8" Tube
MOR68812	Fits 1-1/2" Tube
Hooded Push-In Type	
MOR68813	For Covers with Punched Hole
Non-Hooded Clamp-On Type	
MOR68815	Fits 1-3/8" Tube
MOR68816	Fits 1-1/2" Tube
Non-Hooded Push-In Type	
MOR68817	For Covers with Punched Hole

Valve Cover Stud Kits

Studs ease valve cover installation or removal and prevent loosening caused by vibrations. "Bullet Nose" studs make it easier to start threads on mounting nuts. Sold in sets of eight with 1/4"-20 studs, nylon insert lock nuts, and washers.

Part No.	Description
MOR68820	Valve Cover Stud Kit, 1/4"-20 x 1-3/4"
MOR68830	"Bullet Nose" Valve Cover Stud Kit, 1/4"-20 x 1-1/2"

Perm-Align Valve Cover Gaskets

Durable gaskets won't leak, blow out, or get sucked in. Gaskets are 3/16" thick and made of 40 durometer rubber, vulcanized to a rigid steel frame to provide years of dependable service. Two per package.

Part No.	Description
MOR93020	SB Chevy
MOR93021	SB Chevy with 12°/13.5°/15°/16°/18°, Brodix /Dart/ Edelbrock/All-Pro Heads

MOR65230

In-Line Fuel Filters

Anodized aluminum fuel filters use cleanable, 40-micron stainless steel elements to remove dirt and debris from the fuel system.

Part No.	Description
MOR65230	-8AN Fittings, 6-1/2" Long
MOR65231	Accepts 3/8" NPT Fittings, 5-1/8" Long
MOR97062	Replacement 40-Micron Filter Element

Dry Sump Tank *MOR22623* NEW!

6" dia., 24" Tall for Sprint Car applications.

Fuel Pump Block-Off Plates

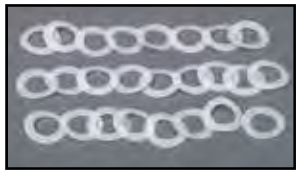
Block the fuel pump boss when mechanical fuel pump is not used. Available in anodized aluminum, chrome-plated steel, and black anodized billet aluminum finishes.

Black Anodized Aluminum	Chrome-Plated Steel	Black Anodized Billet Aluminum
Small Block Chevy		
MOR65391	MOR65393	MOR65395

Deck Plug Kit *MOR37800*

Install 3/4" NPT plugs in block to greatly reduce upper cylinder wall distortion in small block and 90° V6 Chevys. Holes must be tapped before the plugs are screwed in, and block machining is necessary after installation. Plugs also restrict water flow to the cylinder heads by reducing water passage holes. Six per package.

Quick Fastener Washers *MOR71610*



Protect your car's finish from scratches and squeaks. Fits all quick fasteners.

Racing Radiator Caps

High-pressure radiator caps are engineered for standard radiator necks and utilize stainless steel springs and solid brass spring retainers.

Part No.	Description
MOR63320	19-21 PSI
MOR63324	23-25 PSI
MOR63328	27-29 PSI

Engine Cleaning Brushes *MOR61820*

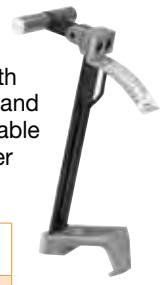
Quality engine builders know how important it is to have a clean block, especially in the hard-to-get-at areas of the oiling system. Each of these nylon brushes was designed for a specific purpose. There are two each of the oil gallery brushes, since they get the most wear. They can also be used on crankshaft oil holes, cylinder heads, etc. Nylon bristles clean as well as wire, but will not scratch. Set of 12.

Stud Mount Valve Spring Compressors

Changing valve springs is greatly simplified with this stud mount tool which will fit both 3/8" and 7/16" rocker studs. The strong 12" handle provides ample leverage to overcome the resistance of extremely high-pressure valve springs.

Part No.	Description
MOR62370	Stud Mount Valve Spring Compressor
MOR62372	Contains All Parts Necessary to Convert MOR62370 to Use with Jesel Rocker Shaft Systems

Valve Seat Pressure Testers



The most accurate way to monitor valve seat pressure on an assembled engine. Compatible with most aftermarket aluminum or OEM steel rockers and shaft-mounted rocker arms. Includes interchangeable front claws to fit most aftermarket aluminum rocker arms.

Part No.	Description
MOR62388	Interchangeable Front Claws to Fit Most Rockers, 160-400 PSI
MOR62390	100-300 PSI
MOR62391	Low-Profile Design, 160-400 PSI

Tire Pressure Gauges

Gauges have large 2-5/8" dial faces for easy reading. Chuck swivels a full 360° for quick, easy pressure checks. Hose is 15-1/2" in length.

Part No.	Description
MOR89550	0-15 PSI
MOR89555	0-40 PSI
MOR89560	0-60 PSI

Ultra 40 Sprint Wire Sets

The sets feature unsleeved 8.65mm diameter ignition wire with 40 ohms of optimized EMI/RFI resistance per foot. The high-temperature silicone 90° spark plug boots feature positive locking spark plug and distributor terminals.

Part No.	Color
SB Chevy	
MOR73677	Blue
MOR73699	Red
MOR73722	Black

Engine Storage Bag *MOR99401*

Extra-large bag measures 42" x 32" x 54". Made from 5-mil plastic.

Quick Fasteners

Part No.	Description
Oval Head	
MOR71327	5/16" x .450"
MOR71329	5/16" x .400"
MOR71333	5/16" x .500"
MOR71346	5/16" x .500"
MOR71354	7/16" x .500"
MOR71355	7/16" x .500"
MOR71356	3/16" Hex Fastener 7/16" x .500"
MOR71364	7/16" x .550"
MOR71365	7/16" x .450"
Large Head	
MOR71372	.500" Medium Body
MOR71373	.500" Medium Body
MOR71377	.550" Long Body
MOR71379	.550" Long Body
Self-Ejecting	
MOR71441	.400" Short Body
MOR71451	.450" Short Body
MOR71502	.500" Medium Body
MOR71505	.550" Long Body
MOR71507	.550" Long Body
MOR71532	.650" Long Body

Ceramic Engine Seal *MOR35500*

The best chemical sealer money can buy. Has saved the day for many an oval track racer. Can also be used in tow vehicles or street applications. If this won't seal it, it will have to be welded. Not for use with anti-freeze.

A & B Epoxy *MOR35560*

Easy-to-use epoxy is used to install oil return screen kits or repair engine blocks, cylinder head intake ports, and intake manifolds. Adheres to any clean surface and has a maximum use temperature of 250°F.

Bleeder Bottles *MTP1820*

Bleeder bottles include stainless lanyards for attachment to suspension components and a return nipple to prevent spills. Sold in pairs.

Power Bleeder

The power bleeder simplifies brake or hydraulic clutch bleeding. Attach to the fluid reservoir with the cap adapter for a one-man bleeding operation. Power bleeders are available to fit a variety of master and hydraulic clutch cylinder reservoirs. Adapters may also be purchased separately.

Description	Power Bleeder	Adapter
45mm Reservoir, Wilwood Comb. Remote/Tilton 74/75 Series	MTP0100	MTP1100

Mobil 1

Racing Oil

Fully synthetic, low-friction oil is engineered exclusively for racing applications. Well suited to flat tappet engines, oil includes boosted levels of zinc-phosphorous. Sold in 1-quart bottles or in cases. Not API certified.

Description	1-qt. Bottle	1 Case (6) 1-qt. Bottles
0W-30	MOB102622-1	MOB102622
0W-50	MOB104145-1	MOB104145

Diesel Truck Oil

Perfect for towing, off-road, or every day stop-and-go driving, oil protects heavy-duty diesel engines. Sold in synthetic or Delvac 1300 petroleum-based formulas in 1-quart bottles or in cases.

Description	1-Gallon Jug	Case of (3) 1-Gallon Jugs
Synthetic 5W-40	MOB122260-1	MOB122260

Description	1-Gallon Jug	Case of (4) 1-Gallon Jugs
Delvac 15W-40	MOB122492-1	MOB122492

Synthetic Oil

Lubricant is formulated with a proprietary blend of high-performance synthetic base stocks and fortified with a balanced additive system. Meets ILSAC GF-5 standards. Sold in 1-quart bottles, 5-quart jugs, or in cases. API certified.

Description	1-qt. Bottle	Case of (6) 1-qt. Bottles)	5-Qt. Jug	1 Case (3) 5-Qt. Jugs
0W-40	MOB112628-1	MOB112628	—	—
5W-20	MOB103008-1	MOB103008	—	—
5W-30	MOB124315-1	MOB124315	MOB124317-1	MOB124317
10W-30	MOB122319-1	MOB122319	MOB122326-1	MOB122326
15W-50	MOB122377-1	MOB122377	—	—

Automatic Transmission Fluid

Mobil offers a wide variety of conventional, synthetic blend, and fully synthetic automatic transmission fluids to suit a wide variety of vehicles. Sold in 1-quart bottles or in cases.

Description	1-qt. Bottle	Case of (6) 1-qt. Bottles
Synthetic	MOB112980-1	MOB112980

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
Type F	MOB122974-1	MOB122974
Dexron IIIH/Mercon	MOB123130-1	MOB123130

Advanced Fuel Economy

These oils are engineered with a proprietary blend of high-performance synthetic base oils, fortified with a precisely balanced component additive system. Mobil 1 Advanced Fuel Economy oils provide excellent overall lubrication and wear protection performance for many driving styles and conditions, from mild to severe. Sold in 1-quart bottles, 5-quart jugs, or in cases.

Description	1-qt. Bottle	Case of (6) 1-qt. Bottles	5-qt. Jug	Case of (3) 5-qt. Jugs
0W-16	—	—	MOB124322-1	MOB124322
0W-20	MOB124184-1	MOB124184	—	—

Synthetic Gear Lube

Multi-purpose synthetic gear lubricants are engineered to meet the performance requirements of passenger vehicles in a wide variety of operating conditions, including limited-slip differentials. Sold in 1-quart bottles or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
LS 75W-90	MOB104361-1	MOB104361
LS 75W-140	MOB102490-1	MOB102490

Racing™ 4T Motorcycle Oil

Designed primarily for on-road, high-performance, four-cycle sport bikes. It also may be used in other types of on- and off-road four-cycle motorcycles that specify the use of 10W-40 engine oil. Sold in 1-quart bottles or in cases.

Description	1-qt. Bottle	Case of (6) 1-qt. Bottles
10W-40	MOB124245-1	MOB124245

Extended Performance Oil Filters

These oil filters offer the ultimate in engine protection, utilizing a synthetic blend media that offers improved filtration.

MOBM1-111A

MOBM1-302A

Part No.	Thread	Fram Equivalent
Chevy, Short		
MOBM1-111A	13/16"-16	FRAPH30
Chevy, Long		
MOBM1-302A	13/16"-16	FRAPH5

MOLECULE
KEEP IT CLEAN

Vehicle Care

Cleaner

Easy-to-use spray-on cleaner removes dirt, dust, grime, bugs, and heavy rubber scuff marks quickly and easily from virtually any painted, powder-coated, or vinyl finishes, including flat or matte. Non-streaking formula sprays on and wipes off.

16-oz. Bottle	1-Gallon Container
MOLMLVC161	MOLMLVC011

Detailer

Light-duty Detailer cleans and polishes in one easy step. Spray-on product safely removes dirt, grime, bugs and light rubber scuff marks. Non-streaking formula works on any painted, powder-coated, or vinyl finish.

16-oz. Bottle	1-Gallon Container
MOLMLVD161	MOLMLVD011

Driving Suit Care

Refresh *MOLMLRE161*

Easy to use, spray-on Refresher keeps race suits clean and fresh. Product eliminates odors on technical fabrics including Nomex, CarbonX, FR Cotton, and other fabrics. Sold as a 16-oz. bottle.

Wash

Wash allows the cleaning of driving suits and related undergarments in standard washing machines. Product removes contaminants and odor-causing bacteria and cleans technical fabrics including Nomex, CarbonX, and FR Cotton.

4-oz. Bottle	16-oz. Bottle	Case of (12) 4-oz. Bottles	Case of (6) 16-oz. Bottles
MOLMLWA041	MOLMLWA161	MOLMLWA-4-12	MOLMLWA-16-6

Protector

Effective and easy-to-use, spray-on Protector helps repel grease, oils, fuels, and other flammable stains from driving suits. Formula bonds to Nomex, providing protection and shielding from UV rays, while maintaining breathability.

16-oz. Bottle	Case of (6) 16-oz. Bottles
MOLMLPR161	MOLMLPR-16-6

Driving Suit Care

Spot Cleaner

Designed for use in conjunction with Molecule Wash, Spot Cleaner penetrates deeply into technical fabrics including Nomex, suspending and dissolving embedded stains.

4-oz. Bottle	16-oz. Bottle	1 Case (6) 16-oz. Bottles
MOLMLSC041	MOLMLSC161	MOLMLSP-16-6

Wash Kit

An economically-priced, bundled kit that includes both Molecule Wash and Spot Cleaner. Kit helps maximize cleaning efficiency.

4-oz. Kit	16-oz. Kit	Case of (6) 4-oz. Kits	Case of (3) 16-oz. Kits
MOLMLWK442	MOLMLWK162	MOLMLWK-44-6	MOLMLWK-1616-3

Complete Care Kit *MOLMLCK164*

An all-in-one kit designed to clean, protect, and refresh driving suits. Complete Care Kit includes 16-oz. Refresh, 16-oz. Wash, 16-oz. Protector, and 4-oz. Spot Cleaner.

Helmet Care

Cleaner and Polish

Safe and easy to use, product sprays on and wipes off, keeping helmets and visors clean and shiny. Suitable for use on gloss, flat, or matte finishes. Will not scratch surfaces.

4-oz. Bottle	Case of (12) 4-oz. Bottles
MOLMLHCP41	MOLMLHCP-4-12

Helmet Refresh

Spray-on Fabric Refresher keeps helmet liners clean and odor-free. Fresh-scented, skin-friendly cosmetic-grade product eliminates odor-causing bacteria.

4-oz. Bottle	Case of (12) 4-oz. Bottles
MOLMLHFF41	MOLMLHFF-4-12

MOLECULE
KEEP IT CLEAN

Helmet Care

Visor Cleaner Rain Repel *MOLMLHRR41*

Visor Cleaner Rain Repel sprays on helmet visors, goggles, or windshields, improving visibility in wet weather. Product increases the surface tension of water, allowing it to quickly shed from visors, while also removing dirt, bugs, oil and other racetrack grimes. 4-oz. bottle.

Anti-Fog

Anti-Fog simply applies to the inside surface or visors or goggles, preventing condensation and fogging, and increasing visibility. May also be used on windshields and mirrors.

4-oz. Bottle	Case of (12) 4-oz. Bottles
MOLMLHAF41	MOLMLHAF-4-12

Matte Detailer *MOLMSHMD*

Cleans and details matte finish helmets in one step. Specifically formulated to keep the low luster of matte helmets. Sold as a 4-oz. bottle.

MOMO

Corsa Lite *NEW!*

Among the lightest driving shoes currently available, the Corsa Lite weighs just 280 grams. Designed to meet FIA 8856-2018 standards, shoes are constructed from fire-resistant, breathable fabric, strengthened on the outside with carbon look inserts, and include ultra-thin rubber soles. Offered in black, blue, gray, or red.

Size	
Black	
8-8.5 (42)	MOMSCACOLBLK42F
9-9.5 (43)	MOMSCACOLBLK43F
10-10.5 (44)	MOMSCACOLBLK44F
11-11.5 (45)	MOMSCACOLBLK45F
Blue	
8-8.5 (42)	MOMSCACOLBLU42F
9-9.5 (43)	MOMSCACOLBLU43F
10-10.5 (44)	MOMSCACOLBLU44F
11-11.5 (45)	MOMSCACOLBLU45F
Gray	
8-8.5 (42)	MOMSCACOLGRE42F
9-9.5 (43)	MOMSCACOLGRE43F
10-10.5 (44)	MOMSCACOLGRE44F
11-11.5 (45)	MOMSCACOLGRE45F
Red	
8-8.5 (42)	MOMSCACOLRED42F
9-9.5 (43)	MOMSCACOLRED43F
10-10.5 (44)	MOMSCACOLRED44F
11-11.5 (45)	MOMSCACOLRED45F

Corsa R Gloves

Designed to deliver exceptional performance and comfort, even when subjected to the most extreme conditions. The Corsa R utilizes anatomically-correct, pre-curved fingers to prevent fabric bunching, and one-piece palms with outside stitching are incorporated to help alleviate pressure points and abrasions. FIA 8856/2000 approved. Offered in black, white, or red.

Size	Part No.
Black	
Medium	MOMGUCORSABLK10
Red	
Large	MOMGUCORSARED11
White	
Large	MOMGUCORSAWHT11

Comfort Tech Fire-Resistant Underwear

Fire-resistant undergarments deliver an added layer of protection, preventing harmful heat transfer and direct flame exposure. Constructed from soft-knit aramid, Comfort Tech offer improved moisture-wicking and breathability qualities. High-collar, long-sleeve tops, long pants, socks, and balaclavas are offered in black or white.

Size	Black	White
Socks		
X-Large	MOMMNXLSCTBKXL0	—
Balaclava		
One-Size-Fits-All	MOMMNXBALCOTBLK	MOMMNXBALCOTWHT

MYLAPS
SPORTS TIMING

TR2 Transponder Systems

The newest, most innovative transponder designed exclusively for auto racing. Accurate and reliable, unit utilizes reliable hardware and easy subscription management via Bluetooth and the Speedhive app. Subscription allows free online access to driver's practice and race results via the Speedhive platform. Choose from direct power units that are powered by the vehicle's battery, or traditional rechargeable systems.

Part No.	Description
Rechargeable Systems	
MYL10R810CC	Go Lifetime Subscription
MYL10R911CC	1-Year Subscription
MYL10R912CC	2-Year Subscription
MYL10R915CC	5-Year Subscription
Direct Power Systems	
MYL10R830CC	Go Lifetime Subscription
MYL10R931CC	1-Year Subscription
MYL10R932CC	2-Year Subscription
MYL10R935CC	5-Year Subscription

Holder and Clip *MYL40R010CC*

Secures the original MyLaps Transponder in the car. ***Note: Will not work with the X2.***

MOTUL

300V Racing Oil

Formulated for high-performance racing engines, 100% synthetic 300V Racing Oil blends synthetic ester bases and specific anti-friction additives to increase film resistance, reduce friction, and lower oil temperatures. 300V Chrono, Competition, and LeMans oils are formulated for endurance racing where high engine oil temperatures are common. Oils are ideal for use with gasoline or diesel engines and may be used with or without catalytic converters. Sold in two-liter (1/2 gallon) containers, or in cases. Not API certified.

Description	2-Liter Container	Case of (10) 2-Liter Containers
300V Power 5W-30	MTL110814	MTL110814-10
300V Chrono 10W-40	MTL110821	MTL110821-10
300V Competition 15W-50	MTL110860	MTL110860-10
300V Lemans 20W-60	MTL110864	MTL110864-10

Break-In Oil 10W-40

Specially formulated performance break-in oil incorporates balanced friction modifiers and increased levels of ZDDP (Zinc-Phosphorous) to reinforce engine protection. High-heat and shear-stable polymers are additionally used to maintain optimum lubricating film and ring seal. Sold in one-quart bottles, or in cases. Not API certified.

1-qt. Bottle	Case of (12) 1-qt. Bottles
MTL108080	MTL108080-12

Multi ATF Transmission Fluid

Synthetic-based fluid is formulated with anti-wear, anti-corrosion, and anti-foaming properties for use in a variety of automatic transmissions. It reduces friction for longer gear life and may also be used in power steering and other hydraulic systems. Meets GM Dexron II/III and Ford Mercon/Mercon V specifications. Sold in one-liter bottles, or in cases.

1-Liter Bottle	Case of (12) 1-Liter Bottles
MTL105784	MTL105784-12

RBF 600 Racing Brake Fluid

A DOT 4, 100% synthetic, non-silicone racing brake fluid that is engineered to endure the high temperatures common to racing brake and clutch systems. RBF 600 has a dry boiling point of 593°F, superior to DOT 5 silicone based fluids. Viscosity is lower than DOT 3 and DOT 4 fluids, allowing easier fluid circulation in micro-valves and anti-lock systems. Sold in 1/2-liter bottles, or in cases. ***Note: Do not mix with silicone (DOT 5 silicone base) or mineral base fluids (LHM).***

1/2-Liter Bottle	Case of (12) 1/2-Liter Bottles
MTL100949	MTL100949-12

MOTUL

RBF 660 Racing Brake Fluid

RBF 660 resists the extreme temperatures common to carbon and ceramic race car brakes, minimizing reliance upon air for brake cooling. 100% synthetic, non-silicone DOT 4 fluid has a 617°F dry boiling point. Greatly exceeds DOT 3, DOT 4, and DOT 5.1 standards. May also be used with conventional steel rotors and clutch systems. Sold in 1/2-liter bottle, or in cases. ***Note: Do not mix with silicone (DOT 5 silicone base), mineral (LHM) or polyglycol based brake fluids.***

1/2-Liter Bottle	Case of (12) 1/2-Liter Bottles
MTL101667	MTL101667-12

DOT 4LV Brake Fluid NEW!

This low-viscosity DOT 4 brake fluid is recommended for use in hydraulic brake and clutch systems of vehicles fitted with ABS (Anti-lock Braking System), ESP (Electronic Stability Program) and ASR (Acceleration Slip Regulation). Formulated with a high boiling point and outstanding performance at very low temperatures. 1/2-liter bottle, or in cases.

1/2-Liter Bottle	Case of (12) 1/2-Liter Bottles
MTL111254	MTL111254-12

RBF700 Brake Fluid NEW!

Formulated as a high-performance brake fluid that offers consistent and maximum braking power at the extreme brake temperatures generated by carbon and ceramic racing brake discs systems. DOT 4/DOT5.1 compliant. Sold in 1/2-liter bottle or in cases.

1/2-Liter Bottle	Case of (12) 1/2-Liter Bottles
MTL111257	MTL111257-12

Classic Performance Engine Oil

Offers anti-wear properties and increases your engine's lifespan.

1-Liter Bottle	Case of (12) 1-Liter Bottles
MTL110621	MTL110621-10

Nismo Competition

High-performance lubricant specially developed for supercharger-equipped, high-output, high-torque engines. NISMO COMPETITION OIL is the best protection you can get for your engine. Sold in one-liter containers.

1-Liter Container	Description
MTL102497	0W-30
MTL104253	5W-40
MTL102500	15W-50

Engine Clean

Designed for use prior to an oil change, Engine Clean restores engine compression by eliminating black sludge, carbon deposits, and varnishes. Protects the engine by keeping new oil clean longer.

10-OZ. Liter Bottle
MTL109541

Radiator Clean *MTL109544*

Removes deposits in the entire cooling circuit caused by operating conditions. Cleans the complete cooling system, dissolves and removes scale and radiator sludge, and improves the performance of valves, thermostats, and water pumps. Recommended for use in all liquid-cooled, closed cooling systems such as in commercial vehicles, passenger cars, and industrial heat exchangers. Improves heating and cooling performance while increasing the effectiveness of the cooling system and extends the lifespan of all components. Sold in 10-oz. Bottle.

McCare E10 Shine and Go Spray

McCare shines and revives plastic surfaces including fenders, mirrors, and painted surfaces. Provides a durable, non-sticky protective film. Sold in 13-oz. aerosol cans, or in cases.

13-oz. Aerosol Can	1 Case (12) 13-oz. Cans
MTL108093	MTL108093-12

MOREL

NEW VENDOR

SB Chevy Standard Mechanical Roller Lifters *MRL4604*

Capable of 7,500 RPM, lifters are manufactured from premium billet steel, feature clipped axles, and .750" dia. roller wheels. Suited to 150-275 lbs. of seat pressure, and 400-700 lbs. of open pressure, .842" Dia., +.300" Taller, on center. Sold in sets of 16.

Sportsman Pro Mechanical Roller Lifters for SB Chevy *MRL6591*

USA-made, Sportsman Pro .842" dia. small block Chevy lifters utilize full-time, EDM oiling to feed the bearing, increasing durability. Lifters are very lightweight, feature Pro Series tie bar buttons, and are REM finished. Sold in set of 16.

Ultra Pro Mechanical Roller Lifters for SB Chevy *MRL4843*

Capable of 8,000+ RPM, small block Chevy Ultra Pro series lifters combine billet steel bodies with clipped axles. Lifters include .750" dia. roller wheels, and are suited to 250-350 lbs. of seat pressure and 600-850 lbs. of open pressure. Sold in a set of 16, lifters are +.300" taller and includes a .180" on center.

MERU SAFETY

NEW VENDOR

Ascent Carbon Brace

Head and neck restraint utilizes innovative IDS (Inertia Dampening System) to provide concussion prevention by dramatically reducing concussion forces without compromising neck safety. Full carbon-fiber device weighs just 2 lbs., and features a hydraulic shock absorber built into the backplate that dampens head movement through the entire length of the impact. Meets SFI 38.1 specifications. Sold complete with travel bag.

Part No.	Description
MERAC-100	Small/Medium, 12"-16" Neck Size
MERAC-200	Large/Extra-Large, 16"+ Neck Size
Replacement Components	
MERAP-100	Comfort Pads
MERMH-100	Magnetic Helmet Mounts
MERST-100	Sliding Tether

Casual Wear

Part No.	Description
Snap Back Hat	
MERCW-010	Black
MERCW-020	White
Beanie	
MERCW-030	Blue/Black

AJ Aldrich — Photo by: JohnnyB Imagery

Danny Sams — Photo by: JohnnyB Imagery

Sprint Car Torsion Bars

Made of a high-quality 4340 steel alloy and heat treated to our exacting specifications, our torsion bars have won more Sprint Car championships than all other brands combined. Torsion bars feature 1-1/8" diameter x 48-spline ends, and may be ordered in diameters from 0.925" to 1.065", in both 29" and 30" lengths. Manufactured in the USA with all-American materials.

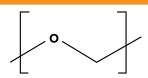
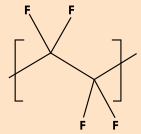
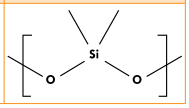
Part No.	Diameter
30" Torsion Bar with 23" Effective Length	
MPD300925	0.925"
MPD300950	0.950"
MPD300975	0.975"
MPD300987	0.987"
MPD301000	1.000"
MPD301015	1.015"
MPD301025	1.025"
MPD301035	1.035"
MPD301050	1.050"
MPD301065	1.065"
29" Torsion Bar with 23" Effective Length	
MPD290925	0.925"
MPD290950	0.950"
MPD290975	0.975"
MPD291000	1.000"
MPD291025	1.025"
MPD291050	1.050"
MPD291065	1.065"

Sprint Car Torsion Bar Bushing Installer *MPD30140* NEW!

This tool makes installing torsion bar bushings quick and easy. A must for every toolbox, it also helps prevent bending or cracking the bushing flange during installation.

Torsion Bar Bushings for Sprint Cars

Torsion bushings are 1-1/8" ID 0.095" thick performance tested anti-friction material offers increased wear-resistance allowing for longer part life.

Nylon Bushing Features:	
Polyoxymethylene - less friction Properties remain constant with humidity. High impact strength.	
Polytetrafluoroethylene - improves abrasion resistance. Improves lubrication.	
Polysiloxane - improves weatherability. Improves thermal stability.	

MPD30104

MPD30204

Part No.	Description
Nylon	
MPD30104	.095" (4-Pack)
MPD30110	.095" (10-Pack)
Bronze	
MPD30204	.095" (4-Pack)
MPD30210	.095" (10-Pack)

Torsion Bar Stops

Torsion stops are available in 1-3/4" split. Aluminum stops are made from 6061 and include a steel bolt with jam nut. Steel stops are 4340 and include a steel bolt and jam nut. Titanium stops feature a titanium bolt with aluminum jam nut.

MPD17210 MPD17222

Part No.	Description
MPD17200	1-3/4" Split, Hardware Included, Aluminum, Black Anodized
MPD17210	1-3/4" Split, Hardware Included, Steel, Black Powder Coat
MPD17212	1-3/4" Split, Hardware Included, Titanium, Natural
Torsion Stop Bolt	
MPD17220	7/16-20" Thread, 1.750" Long, Hex Head, Steel
MPD17222	7/16-20" Thread, 1.750" Long, Hex Head, Titanium

Sprint Torsion Bar Retainers

Natural aluminum retainers are engineered specifically for use with MPD Racing 1-1/8" diameter torsion bars, and feature cadmium-plated Grade 8 bolts. Torsion bar retainers are made of black anodized aluminum.

MPD30001

MPD30002

Part No.	Description
MPD30001	Torsion Bar Retainers, Sold in Pairs
MPD30002	Torsion Bar Retaining Caps for 1-1/8" Threaded Bar, Sold in Pairs

26" Torsion Bar

Manufactured from the same high-grade alloy steel as the Sprint Car bars, MPD Racing 26" torsion bars are 7/8" diameter x 48-spline. With lightweight hollow construction, torsion bars are available from .600" to .800" diameter in 26" lengths to provide a range of options for effective wheel rates. Each bar is packaged in a protective tube at no extra charge.

Part No.	Diameter
7/8" x 48-Spline	
MPD26600	0.600"
MPD26625	0.625"
MPD26650	0.650"
MPD26675	0.675"
MPD26700	0.700"
MPD26712	0.712"
MPD26725	0.725"
MPD26737	0.737"
MPD26750	0.750"
MPD26775	0.775"
MPD26800	0.800"

Stock Car Front Sway Bars

CNC-machined from aircraft-quality alloy steel for improved memory and consistency. MPD Racing gun-drilled sway bars offer significant weight savings without negatively impacting performance. The center diameter is made larger so the bar will have the same spring rate as a solid bar, ensuring that no chassis adjustments are necessary when switching from solid to gun-drilled bars. Bars are heat treated, and then polished to remove surface imperfections. Sway bars are 37-1/2" long and shipped in a special locking tube for storage and protection.

Part No.	Description
MPD375100	1" Diameter, 37-1/2" Long, 48-Spline
MPD375125	1-1/4" Diameter, 37-1/2" Long, 48-Spline
MPD375150	1-1/2" Diameter, 37-1/2" Long, 48-Spline

SWAY & TORSION BARS

Torsion Bar Spline Grease *MPD30020* NEW!

Designed to provide top-quality protection for torsion bars and Sprint Car drive lines. It utilizes a high-viscosity synthetic base, proprietary anti-wear additive, and Polyurea thickener that is specifically developed to extend durability.

Storage Tube *MPD99700*

The same tube used to protect MPD torsion bars during storage or transport may also be purchased separately. Protective tube is 1-1/2" diameter x 16-3/4" long and weighs just .20 lbs.

SPRINT CAR DRIVE LINE

Torque Ball Housing

Machined from black anodized billet aircraft aluminum, these torque ball housings are the strongest torque ball housings on the market! It is the only housing on the market that pivots in the same linear pattern as the U-joint, letting your car drive harder and roll freer.

Part No.	Description
MPD68200	4.45" Torque Ball Housing
MPD68205	Torque Ball Housing Bolt Kit

Torque Balls

MPD Torque Balls are machined out of solid aluminum billet and are hard anodized to keep from binding.

Part No.	Description	Matching Components
Long Ball		
MPD64202	4.45" Ball Diameter, 2.995" I.D.	MPD68200
Standard Ball		
MPD64203	4.45" Ball Diameter, 3.005" I.D.	MPD68200
MPD64205	4.45" Ball Diameter, 2.995" I.D.	MPD68200

MPD64205 MPD64202

Aluminum Torque Tubes

MPD anodized aluminum torque tubes are turned to 2.990" O.D. and reamed to 2.628" I.D. to ensure .005" clearance between the torque ball and torque tube. Tubes are available in 27", 28", 32", and 35" lengths. The torque collars have been lightened with a ball mill to decrease weight. All torque tube assemblies are supplied with an O-ring.

MPD64628

Part No.	Description	Matching Components
MPD64628	Black, 28"	MPD64205, MPD64202
MPD64632	Black, 32"	MPD64205, MPD64202
MPD64635	Black, 35"	MPD64205, MPD64202
MPD64650	HD, Long Collar, Black, 28"	MPD64205, MPD64202
MPD64601	Black, 27", 3" O.D.	MPD64203

28" Steel Tubular Driveshaft *MPD65104*

Made with tough 4130 steel, then gun drilled to reduce weight, MPD Racing tubular driveshafts feature 10-spline ends.

Shift Levers

Our lightweight shift levers have a positive lock system to securely lock the car into gear. Spring-loaded lever locks into place in either the "in" or "out" position. The black anodized shift lever is offered in both a weld-on or clamp-on style.

MPD84000C

MPD84000

Part No.	Description
MPD84000	Shift Lever, Weld-On, 0.40 lbs.
MPD84000C	Shift Lever, Clamp-On, 0.55 lbs.
MPD84010	Clamp for Push-Lock Shifter Cable
MPD84001	Shifter Installation Kit, Weld-On Bracket
MPD84015	Shifter Installation Kit, Cable Tab / Weld-On Bracket
MPD84020	Cable - Complete With Ends And Ready To Install

Sprint Car Axle Spacer Kit

MPD Racing's axle spacer system uses a split cone spacer which allows moving the wheel in or out without going back to look for the right size spacer. Once the spacing is correct, simply move the existing spacers from the inside of the wheel to the center of the split cone or vice versa. Kit includes male cone for the wheel center and female cone for the wheel nut, (2) 1/4" and (4) 1/2" spacers. Some cars may require an additional spacer between the system and the birdcage. Black anodized aluminum. Made in the USA.

MPD87200

MPD87007 MPD87203 MPD87008

Part No.	Description
MPD87200	Coned Sprint Car Axle Spacer Kit, (2) 1/4" Spacers and (4) 1/2" Spacers
Extra Spacers for Kit	
MPD87201	Male Cone - Sold Each
MPD87202	Female Cone - Sold Each
MPD87203	Male/Female Kit
MPD87009	1/2" Wide - Sold Each
MPD87015	1/4" Wide - Sold Each
MPD87007	7/8" Wide, Tapered - Sold Each
MPD87008	7/8" Wide, 42-Spline - Sold Each

SPRINT CAR TETHERS

Sprint Car Front Axle Tether System

Approved for use by Knoxville Raceway and the WoO (World of Outlaws), front axle tether system adds a measure of safety to open wheel racing in the event of front axle breakage. Clamps install easily to front axle, and tethers are then connected to the front motor mount tube. Kits include (2) billet clamps, (2) tethers, and required hardware. Tether, clamp, and hardware kits are also available separately for replacement purposes, or for spare front axles.

Part No.	Description
Axle Tethers	
MPD10500	Pair with 2-1/2" Clamps
MPD10501	Pair with 2-3/8" Clamps
MPD10502	Pair with 2-1/4" Clamps
Axle Clamps	
MPD10525	Pair 2-1/2" with Hardware
MPD10526	Pair 2-3/8" with Hardware
MPD10527	Pair 2-1/4" with Hardware
MPD10528	Hardware Only

King Pin Tether Kit

King pin tether from MPD Racing is required by World of Outlaws and many other Sprint Car sanctioning bodies and tracks. It attaches to the king pins so that they will remain with the race car in the event of a crash.

MPD10506

MPD10510

Part No.	Description
MPD10506	For 50" Axle, King Pin Tether with Hardware
MPD10507	For 51"-53" Axle, King Pin Tether with Hardware
MPD10510	King Pin Studs Pair

SPRINT CAR FRONT END

Lightweight Sprint Hubs

These billet direct-mount hubs are machined from 6061-T6 aluminum for superior precision and strength. Kit includes left hub with rotor mount, right hub without rotor mount, bearings, seals, wheel nuts, and dust cap.

Part No.	Description
Complete Kit	
MPD28500	Complete Kit, Includes Right and Left Sides
Direct-Mount Billet Hubs	
MPD28510	Left Side Only, Complete
MPD28512	Right Side Only, Complete

Sprint Spindles

Sprint car spindles are manufactured using a 7075-T6 aluminum forging and are offered with titanium or steel snout and include lock nuts.

MPD14000

MPD14010

MPD14100

Part No.	Description
MPD14000	With Steel Snout, 2 Ear
MPD14007	With Steel Snout, 4°, 2 Ear **NEW!**
MPD14010	With Titanium Snout, 2 Ear
MPD14100	Asphalt Spindle, 4 Ear

HUB Bearing Spacer

MPD13607

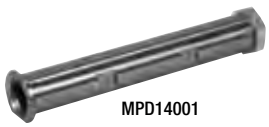
Bearing spacers feature a patented design that improves wheel spin by 1200% and reduces bearing maintenance and wear. Threaded adjustment makes setting end play or preload easy.

Low Drag Seals

MPD25605LD **NEW!**

Upgrade your performance with TFE low-drag seals.

Spindle Replacement Parts



MPD14001

MPD14300

MPD14305

Part No.	Description
MPD14001	King Pin, 5/8", Steel
MPD14011	King Pin, 5/8", Titanium
MPD14300	King Pin Bushing
MPD14305	Steel Spindle Nut, Keyed Washer / Screws Included

Sprint Car Birdcages

These black anodized billet aluminum birdcages are complete with angular contact bearing, torsion arm bolt, and radius rod bolt. 5-1/4" split between radius rod and torsion arm. Left and right sold individually.

Part No.	Description
MPD81107	Passenger Side, 2-3/4" I.D. Bearing, Single Bearing, Aluminum
MPD81207	Driver Side, 2-3/4" I.D. Bearing, Single Bearing, Aluminum
Replacement Parts	
MPD81101	Birdcage Flag, Aluminum, Black Anodized
MPD81102	Birdcage Spud, Aluminum
MPD81103	Birdcage Bolt, Lower Arm, 1/2"-20 Thread, 4" Long, Hex Head, Steel
MPD81104	Birdcage Bolt, Radius Rod Bolt, 1/2"-20 Thread, 3-1/4" Long, Hex Head, Steel

Sprint Car Steering Arms

Steering arms are CNC-machined from 202 aluminum. Black anodized finish. Sold each.

Part No.	Description
MPD17708	Driver Side, 8-3/16" Center to Center, Aluminum
MPD17608	Passenger Side, 5-1/2" Center to Center

Pitman Arms

MPD offers a variety of different styles of Pitman arms to make sure you get the correct feel of the race car.

Part No.	Description
MPD28340	Straight, Black, 10" and 11" holes
MPD28345	Angle Broach, Black, 10" and 11" holes
MPD28360	Straight, Long, Black, 11.25", 12.25", 13.25", and 14.25" Holes
MPD28365	Angle Broach, Long, Black, 11.25", 12.25", 13.25", and 14.25" Holes

Cone Spacers

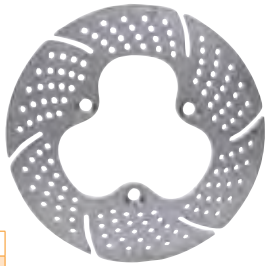
Part No.	Description	Weight
MPD41000	Plain	.01
MPD41005	Set of 10, Plain	
MPD41002	Black	.01
MPD41006	Set of 10, Black	

Sprint Car Torsion Arms

MPD torsion arms are constructed of high-strength 2024 aluminum. The arms have been precisely radiused to reduce excess weight while maintaining strength and durability. The left S-Bend allows for more oversteer clearance on the left front tire.

Part No.	Description
Front	
MPD82000	Driver Side, 1-1/8" x 48 Spline, 19-1/2" Long
MPD82004	Driver Side, S-Bend, 1-1/8" x 48 Spline, 19-1/4" Long
MPD82006	Passenger Side, 1-1/8" x 48 Spline, 17-1/2" Long
Rear	
MPD82010	Driver Side, 1-1/8" x 48 Spline, 16-1/4" Long
MPD82014	Passenger Side, 1-1/8" x 48 Spline, 15-3/8" Long

Aluminum Brake Rotors



All rotors have been drilled and lightened to significantly reduce rotating weight. Rotors are 3/8" thick and are made of 6061-T651 tooling plate. Each rotor is clear anodized to increase durability and extend usable life.

Part No.	Description
MPD17900	11"
MPD17904	10"

Sprint Drive Studs For Front Hubs

MPD12300

Threaded drive stud, with 5/8"-11 thread on pin and 1/2"-20 thread on shank. Fits bolt-on front hubs.

Front Rotor Mounting Kits

MPD1790K

Front rotor mounting kits include 3 stands with bolts. Stands have 1/2"-20 threads through and include 1/2"-20 flathead Allen bolts.

Description	Weight
One Per Hub	0.29 lbs.

Pavement Hub Lug Nut

MPD12400

Aluminum lug nut with 5/8"-11 thread. Sold in packs of three.

Master Cylinder Return Spring

MPD17990 **NEW!**

Includes black powder-coated steel spring and black anodized aluminum plate. Kit.

Asphalt Billet Hubs

MPD17000

Our new asphalt hub is precision machined from 6061-T6 aluminum. It features a direct-mount floating rotor with all the hardware included. Comes complete with aluminum lug nuts, wheel bearings, and seals. Uses step-style spindle.

Part No.	Description
MPD17000	Direct Mount, 6 Pin, Bearings, Aluminum, Black Anodized, Sprint, Each
Replacement Parts	
MPD17010	Wheel Stud, Replacement, 5/8"-11 Right Hand Thread, 2-1/2" Long, Steel
MPD17012	Wheel Stud, Replacement, 5/8"-11 Right Hand Thread, 2-1/2" Long, Titanium
MPD17015	Lug Nut, 5/8" Right Hand Thread, Aluminum, Natural, Set of 3

Asphalt Brake Calipers

MPD17100

Designed for superior braking power. CNC machined and assembled with the finest available materials. Radial mount provides the ability to get maximum brake pad contact. Strong and lightweight, they are black anodized for excellent appearance.

Part No.	Description
MPD17100	4-Piston, Driver Side, Aluminum, Black Anodized, 1-1/4" Thick Rotor, 7-7/8" Solid Mount
MPD17101	4-Piston, Passenger Side, Aluminum, Black Anodized, 1-1/4" Thick Rotor, 7-7/8" Solid Mount
MPD17930	Brake Pads, Semi-Metallic, MPD Radial Caliper

Asphalt Brake Rotors

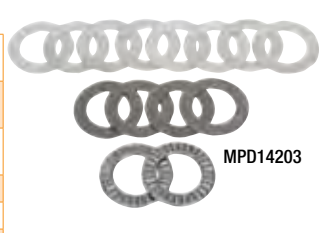
Ceramic coated for unmatched cooling. Floating design eliminates vibration while providing extended rotor life. Lightweight and strong. Unmatched quality.

MPD17028 MPD17925

Part No.	Description
MPD17920	11-3/4" O.D., 0.810" Thick, 8 x 7.000" Bolt Pattern, Chromoly
MPD17925	11-3/4" O.D., 0.810" Thick, 8 x 7.000" Bolt Pattern, Titanium
Additional Parts	
MPD17028	Brake Rotor Adapter, 6 Pin to 8 x 7.000" Rotor Bolt Pattern, Aluminum

Spindle Nut and Shim Kits

Part No.	Description
MPD14201	Sprint Spindle Thrust Bearing, Pack of 4
MPD14202	.030" Thrust Washer, Pack of 4
MPD14203	King Pin Thrust Bearing, Roller, Steel, Kit
MPD14204	0.005" Shim, Pack of 10
MPD14205	0.007" Shim, Pack of 10
MPD14206	0.010" Shim, Pack of 10
MPD14207	0.015" Shim, Pack of 10


MPD14203

MPD17008

Asphalt Brake Parts

Part No.	Description
MPD17008	Brake Rotor Bolt, 1/4"-20 Thread, 1.000" Long, Allen Head, T-Nuts / Flanged Hex Nuts Included, Titanium, Set of 14
MPD17030	Brake Caliper Bracket, Front, Radial Mount, Aluminum, Natural Anodized

Panhard Bar Bracket

MPD81300

Panhard bar brackets are CNC machined from 6061-T6 aluminum. Lightweight and strong. Track tested.

Part No.	Description
MPD81300	Frame Mount, Clamp-On, Aluminum, 1-1/4" Tubing
MPD81310	Axle Mount, Bolt-On, Aluminum
MPD81315	Axle Mount, Bolt-On, Aluminum

Asphalt Sprint Car Birdcages NEW!

MPD81120 MPD81220

This state-of-art sprint card birdcage is designed with strength in mind, but still emphasizes weight savings. The 7075 billet aluminum birdcage needs no bolt-on hardware, giving it maximum strength. These cages fit most asphalt cars including beast and hurricane chassis.

Part No.	Description
MPD81120	Left Hand Birdcage
MPD81220	Right Hand Birdcage

Asphalt Spindle *MPD14100*

Asphalt spindles are manufactured using a 7075-T6 aluminum forging and have stepped steel snouts. Lock nuts included.

Asphalt Sprint Car Steering Arms

MPD14130

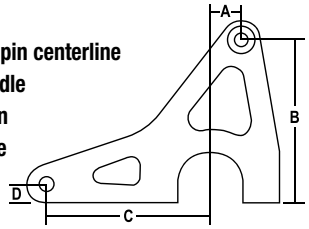
The MPD Racing sprint steering arms are machined from 2024 aluminum, drilled and tapped 1/2" NF for mounting. Available in multiple configurations. Black anodized finish.

Part No.	Weight	Spindle Bolt Center	A	B	C	D
Left						
MPD14130	15.5-oz.	3.75"	N/A	N/A	5.5" - 6.125"	1.375"
Right						
MPD14135	1-lb., 7-oz.	3.75"	1"	6" - 6.875"	5.375" - 6.25"	1.75"

STEERING ARM MEASUREMENT GUIDELINES

Please follow these guidelines for providing correct steering arm dimensions

A. Drag-link centerline to kingpin centerline
B. Drag-link centerline to spindle
C. Tie-rod centerline to kingpin
D. Tie-rod centerline to spindle



MIDGET REAR AXLE

Midget Birdcages

The MPD billet birdcages are made of billet 6061 aluminum. They come complete with split race angular contact bearings and hardware.

Part No.	Description
MPD20100	Left Rear
MPD20101	Right Rear
Replacement Parts	
MPD20110	Flag for Right Rear Midget Birdcages
MPD20111	Flag for Left Rear Midget Birdcages
MPD20112	Stand-off Spud for Midget Birdcages
MPD20115	Bearing Spacer, 31-Spline, for Midget Birdcages
MPD20120	Midget Birdcage Bearing, Angular Contact

Midget Rear Torsion Arms

State-of-the art torsion arm design saves weight and increases durability without sacrificing function. Made from 2024 aluminum. 2-3/8" offset Right 11" length. Straight Left 11" length. 33" setback.

Part No.	Description
MPD20200	Driver Side, Hardware Included, Aluminum
MPD20204	Passenger Side, Hardware Included, Aluminum

Midget Axle Spacers - 31-Spline

Part No.	Description
MPD87200-31	Coned Midget Axle Spacer Kit with (2) 1/4" Spacers and (4) 1/2" Spacers, 31-Spline
Extra Spacers for Kit	
MPD87201-31	Male Cone - Sold Each
MPD87202-31	Female Cone - Sold Each
MPD87009-31	1/2" Thick - Sold Each
MPD87015-31	1/4" Thick - Sold Each

Midget Axle Spacers - 36-Spline

Part No.	Description
MPD87200-36	Coned Midget Axle Spacer Kit with (2) 1/4" Spacers and (4) 1/2" Spacers, 36-Spline
Extra Spacers for Kit	
MPD87201-36	Male Cone - Sold Each
MPD87202-36	Female Cone - Sold Each
MPD87009-36	1/2" Thick - Sold Each
MPD87015-36	1/4" Thick - Sold Each

Midget Aluminum Torsion Stop

MPD27200

MPD stops are CNC-machined from 2024 aluminum and come complete with adjusting hardware. They are sized to fit 1" torsion bars. Black.

MIDGET FRONT AXLE

Midget Spindles

MPD Midget spindles are produced from billet 2024-T3 aluminum and are offered with both steel and titanium shafts. They come complete with spindle lock nuts. Offered in 2 and 4 ear.

Part No.	Description
Billet Spindles	
MPD28400	4 Ear, Steel Shaft, Black
MPD28410	4 Ear, Titanium Shaft, Black
MPD28414	2 Ear, Titanium Shaft, Black
MPD28404	2 Ear, Steel Shaft, Black
Spindle Nut	
MPD28440	Keyed Washer / Screws Included

Midget Front Axle *MPD28100*

Midget front axles are 44" x 2" x .110" wall 4130 chromoly steel and have a black powder-coated finish.

Midget Hubs

These billet direct-mount hubs are machined from 6061-T6 aluminum for superior precision and strength. Kit includes left hub with rotor mount, right hub without rotor mount, bearings, seals, wheel nuts, and dust cap.

Part No.	Description
MPD28500	Complete Kit, Includes Right and Left Sides
MPD28510	Direct-Mount Billet Hub, Left Side Only, Complete
MPD28512	Direct-Mount Billet Hub, Right Side Only, Complete
MPD28515	Hub Bolt Kit, 3/8-16" Thread, 1-1/4" Long, Titanium
MPD28528	Hub Bolt Kit, 3/8-16" Thread, 1" Long, Steel

Midget King Pins and Caps

MPD king pins are offered in both steel and titanium and come with the cap.

Part No.	Description
MPD28450	Pin, Steel, with Cap
MPD28454	Pin, Titanium, with Cap
MPD28456	Pin Cap, Aluminum
MPD28460	Pin Bushing, Brass, Natural, Set of 4

MIDGET FRONT AXLE

HUB Bearing Spacer
MPD13607

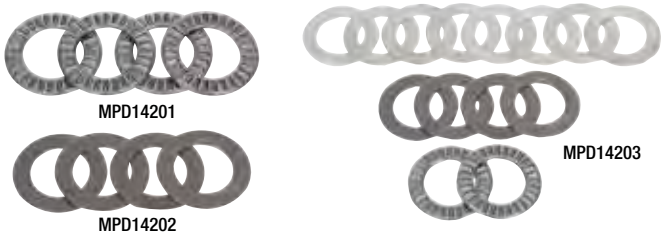
Bearing spacers feature a patented design that improves wheel spin by 1200% and reduces bearing maintenance and wear. Threaded adjustment makes setting end play or preload easy.

Low Drag Seals *MPD25605LD*

Upgrade your performance with TFE low-drag seals.

MIDGET FRONT END

Spindle Nut and Shim Kits



Part No.	Description
MPD14201	Sprint Spindle Thrust Bearing, Pack of 4
MPD14202	.030" Thrust Washer, Pack of 4
MPD14203	King Pin Thrust Bearing, Roller, Steel, Kit
MPD14204	0.005" Shim, Pack of Ten
MPD14205	0.007" Shim, Pack of Ten
MPD14206	0.010" Shim, Pack of Ten
MPD14207	0.015" Shim, Pack of Ten

Midget Steering Arms

MPD steering arms are made of a high-quality billet aluminum. These arms work on all Midget steering applications and have 7/16"-20 threaded mounting holes.

Part No.	Description
Steering Arms	
MPD28250	Black
MPD28251	Natural
Wishbone Steering Arms	
MPD28260	Black
MPD28261	Natural
Combo Steering Arms	
MPD28270	Black
MPD28271	Natural

MPD Front Brake Mounts

Aluminum front brake mounts are built for 10-1/8" rotors and come in a variety of styles.

Part No.	Description
Front-Mount	
MPD28300	DMI-Style, Black
MPD28315	Winters-Style, Black
Top-Mount	
MPD28310	DMI-Style, Black

Radius Rods

Aluminum rods are made from 6061 aluminum. 5/8"-18 thread. Black anodized. Sold each.

Part No.	Description
1" O.D.	
MPD41180	18"
MPD41185	18-1/2"
MPD41190	19"
MPD41195	19-1/2"
MPD41200	20"
MPD41205	20-1/2"
MPD41210	21"
MPD41215	21-1/2"
MPD41220	22"
MPD41225	22-1/2"
MPD41230	23"
MPD41235	23-1/2"
MPD41240	24"
MPD41245	24-1/2"
MPD41250	25"
MPD41290	29"
MPD41295	29-1/2"
MPD41300	30"
MPD41305	30-1/2"
MPD41310	31"
MPD41390	39"
MPD41410	41"
1-1/8" O.D.	
MPD42390	39"
MPD42410	41"

MIDGET DRIVE LINES

4.45" Torque Ball Housing
MPD68200

Machined from black anodized billet aircraft aluminum, these torque ball housings are the strongest torque ball housings on the market! It is the only housing on the market that pivots in the same linear pattern as the U-joint, letting your car drive harder and roll freer.

4.45" Torque Balls

MPD Torque Balls are machined out of solid aluminum billet and are hard anodized to keep from binding.

Part No.	Description	Matching Components
MPD64201	2.305" I.D. Long Ball, 1.05 lbs.	MPD68200
MPD64205	2.995" I.D. Standard Ball, 1.20 lbs.	MPD68200

24" Torque Tube and Collar

MPD Midget torque tube and collar assemblies are turned to 2.3" O.D. to allow 0.005" clearance for the torque ball. The torque collar has two six-hole patterns on a 4" bolt circle, with one set of holes for 5/16" studs and the other for 3/8" studs.

MPD21610

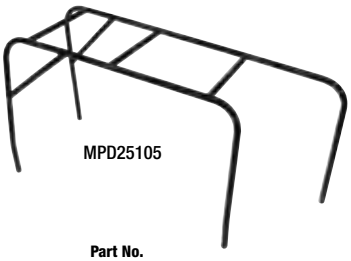
MPD21600

Part No.	Description
MPD21600	2.300" O.D., 4.00 lbs.
MPD21610	2.990" O.D., 4.60 lbs.

MIDGET ACCESSORIES

Midget Nerf Bars and Bumpers

MPD nerfs and bumpers fit the most popular chassis and are made from strong 4130 chromoly steel with a durable black powder-coated finish.



MPD25105

MPD25110

Part No.	Description
MPD25100	Front Bumper, Black
MPD25105	Left Nerf, 4-Point, Black
MPD25106	Right Nerf, 4-Point, Black
MPD25110	Rear Bumper, Black
MPD47500	Nerf Bar Spud Repair Tool

Midget Pedals

MPD pedals fit the most popular chassis and are made of high-quality materials.

MPD20400

MPD20406

Part No.	Description
MPD20400	Throttle Pedal for Midget Chassis
MPD20406	Brake Pedal for Midget Chassis

ENGINE PARTS

Spark Plug Guard Kit

Don't let mud or rocks ruin your race. These lightweight aluminum spark plug guards have brackets that bolt to your headers with 2 quick-connect fasteners. Kit includes right and left guard, two front, and two rear mounting brackets.

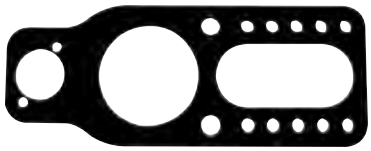
Part No.	Description
MPD18001	Black Anodized Aluminum, Sprint Car, Kit
MPD18009	Brackets Only, 4-pack

Oil Filter Adapter, Blockoff Plate *MPD18200* NEW!

Design for blocks that have a dry sump mount. Black anodized.

Steering Gear and Pump Mounts

MPD offers a variety of mounts to cover all the needs of installing steering gears and pumps.



MPD18820

MPD18840

Part No.	Description
MPD18800	Power Steering Mount
MPD18800M	Power Steering Mount, Mag
MPD18820	Upper Power Steering Mount for Shut-Off Valve
MPD18840	Upper Power Steering Mount for Shut-Off Valve, Side-Mount
MPD18900	Power Steering Mount Adapter
MPD18902	Power Steering Pump Mount, Slotted

ENGINE PARTS

Cam Drive Spuds

Forged from 220,000 psi alloy chromoly steel to prevent stripping out.

Part No.	Description
Cam Shaft Drives	
MPD07850L	Long, 9/16"-18 x 1-1/2" Right-Hand Thread
MPD07850XL	Long, 9/16"-18 x 1-3/4" Right-Hand Thread
Cam Spud	
MPD7870XL	3/4"-16 x 1-1/8" Right-Hand Thread

Fuel Shut Off *MPD76504*

Lightweight in-line shut-off valve has a -6AN inlet and outlet. Can be mounted anywhere between the fuel pump and the barrel valve.

In-Line Fuel Fuel Filters

Part No.	Description
30-Micron Stainless Element	
Black Anodized Aluminum	
MPD72106	-6AN Male Inlet, -6AN Male Outlet
MPD72306	-6AN Male Inlet, -6AN Male Outlet, Shut-Off Valve
100-Micron Stainless Element	
Black Anodized Aluminum	
MPD72212	-12AN Male Inlet, -12AN Male Outlet
MPD72412	-12AN Male Inlet, -12AN Male Outlet, Shut-Off Valve

Additional In-Line Fuel Shut-Off Valves

MPD73850

Part No.	Description
For MPD Filter	
MPD73800	-12AN Male Outlet, Aluminum
MPD73850	-10AN Male Outlet, Aluminum

Fuel Block *MPD73900*

Each fuel block has one -8AN male outlet and three -6AN male inlets. Black anodized aluminum construction. This fuel block is designed with perfect angles to keep the plumbing lines clean and tight. Sold complete with fittings.

MPD72106

MPD72212

TOOLS & ACCESSORIES

Tire Bead Breakers

MPD18000

This is the BEST bead breaker made. This portable tool easily breaks down tires on aluminum and steel wheels.

Part No.	Description
MPD18000	15" Bead Breaker
MPD23000	13" Bead Breaker
MPD53000	10" Bead Breaker

3/4" Radius Rod Wrench *MPD46001*

MPD Racing's 3/4" radius rod wrench is the toughest and highest quality wrench you can buy at any price. Made from 7075 aluminum, this durable wrench is designed to last a lifetime.

Bumper / Nerf Spud Repair Tool *MPD47500*

Fits all Sprint Car 1" & Midget 7/8" bumper and nerf spuds. Simply drive the tool into the damaged or bent spud with a dead blow. Sold each.

Aluminum Wrench *MPD46006*

MPD Racing's anodized aluminum line wrench has a unique design to allow access in even those hard-to-reach areas. Machined with a 30° angle on one end and a 60° angle on the other, it gets where other wrenches can't. Fully radiused grips offer improved handling comfort. Made with 7075 aluminum, available in -6AN.

Torsion Bar Cleaning Tool **NEW!**

Keep your torsion bars looking new. Perfect for every tool box.

MPD30010 MPD30011 MPD30012 MPD30013

MPD30010

Part No.	Description
Black Anodized	
MPD30010	3/4" Aluminum
MPD30011	7/8" Aluminum
MPD30012	1" Aluminum
MPD30013	1-1/8" Aluminum

MPD Trucker Hat
MPD90400
Black and blue mesh snap-back hat.

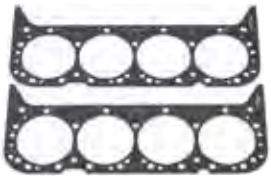
Knit Beanie *MPD90700*
Tight woven acrylic knit. 8" tight-fitting cut. One size fits all. Black.

MPD Apparel

Back of the shirt

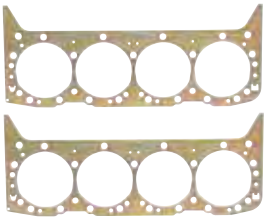
Part No.	Description
MPD Logo	
MPD90100	T-Shirt, Preshrunk, Sizes S-3XL
MPD90110	T-Shirt Softstyle, 100% Ring Spun Cotton, Sizes S-2XL
MPD90112	Long Sleeve T-Shirt Softstyle, 100% Ring-Spun Cotton, Sizes S-2XL
MPD Sport-Tek Hoodie	
MPD90300	Sizes S-2XL

Ultra Seal Head Gaskets
Ultra Seal head gaskets feature an elastomer-coated graphite core for maximum sealing and performance. All gaskets are sold in pairs unless specified.



Application	Description	Gasket Bore	Comp. Thickness	Part No.
SB Chevy, 1957-96 283-350	Graphite Core	4.100"	.028"	MRG1134G
SB Chevy, 1957-96 283-350	Graphite Core	4.130"	.038"	—
SB Chevy, 1970-80 400	Graphite Core	4.190"	.038"	MRG5801G

SB Chevy Steel Shim Head Gaskets
MRG1130G
Coated, steel shim head gaskets fit 4.100" bore and are only .020" thick to maximize compression. Sold in pairs.

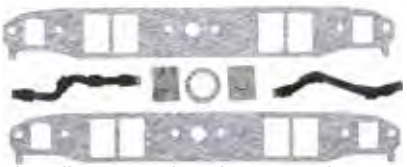


Oil Pan Gaskets
Mr. Gasket oil pan gaskets use a high-density cork/rubber blend for effective sealing. Ultra-Seal gaskets are made from a cellulose/nitrile compound with a black latex rubber coating for added durability.

Application	Mr. Gasket	Ultra-Seal
SB Chevy, 1955-74 265-400	MRG196	MRG5884†
SB Chevy, 1975-79 262-400	—	MRG6560*
SB Chevy, 1980-86 305-350	—	MRG5882

**** Molded rubber. † Includes early/thin and late/thick front oil pan seals***

Intake Manifold Gaskets
Mr. Gasket offers three different types of intake manifold gaskets: traditional Mr. Gasket cellulose/nitrile material, Ultra-Seal cellulose/nitrile material with silicone beading around each port, and new Super intake gaskets, which seal quickly during assembly, release easily during disassembly, and require no gasket sealer.



Application	Port Dim.	Thickness	Mr. Gasket	Ultra-Seal
Chevy Small Block 262-400				
Medium Race Port	1.31" x 2.19"	1/8"	MRG116	MRG5812
Large Race Port	1.31" x 2.31"	1/8"	MRG113	—
18° Roll Over	1.35" x 2.26"	1/16"	MRG143	—

Rear Main Seals *MRG1960*
For 1959-1986 small block Chevy, these seals feature a silicone dual lip design for improved sealing and durability.

Charlie Schultz, Bobby Santos III — Photo by: JohnnyB Imagery

Exhaust Manifold/Header Gaskets

Traditional Mr. Gasket exhaust gaskets are a high-temperature acrylic blend for exceptional sealing and durability. Ultra-Seal exhaust gaskets are high-temperature steel core/graphite-faced material for added durability. Copper Seal gaskets are dead-soft .043" thick embossed copper that will never blow-out and may be used over and over. New aluminum gaskets will not shrink, deteriorate, or blow-out.

Ultra-Seal

Aluminum

Mr. Gasket

Copper Seal

Application	Port Dim.	Mr. Gasket	Ultra Seal	Copper Seal	Aluminum
Chevrolet Small Block 262-400					
1955-91 Medium Square Port	1.45" x 1.55"	MRG150A	MRG5901	MRG7153	—
1955-91 Small Square Port	1.45" x 1.48"	MRG150C	MRG5900	MRG7151	MRG7401G
Round Port	1.50" Dia.	MRG150B	MRG5907	MRG7150	—
Round Port	1.63" Dia.	MRG150	MRG5902	MRG7152G	MRG7402G
Brodix "D" Shaped Port	1.55" x 1.71"	—	MRG5903	—	—
Brodix Spread Port	1.65" x 1.60"	—	MRG5906	—	—
Oval Port Header Flange	1.50" x 1.82"	—	MRG5917	—	—

Timing Cover Seals and Gaskets

MRG18

MRG92

Part No.	Description
Timing Cover Seals	
MRG18	Metal Clad, Chevy Small Block, 1955-96 262-400
Timing Cover Gaskets	
MRG92	Syntheseal, Chevy Small Block, 1955-96 262-400

Valve Cover Gaskets

Mr. Gasket offers three types of valve cover gaskets: traditional, Mr. Gasket high-density cork/rubber, steel core Ultra-Seal, and steel core-molded rubber.

Application	Thk.	Mr. Gasket	Ultra-Seal
SB Chevy, 1958-86 265-400	3/16"	MRG175	MRG5860
SB Chevy, 1958-86 265-400	5/16"	MRG179	MRG5861
SB Chevy, 1986-96 305-350	3/16"	MRG168	MRG5867

Advance and Retard Cam Bushings

Kit includes four offset bushings for advance and retard, plus a 0° bushing so stock timing can be used again. Cam sprocket dowel pin hole must be drilled.

Part No.	Description
283-454 Chevy	
MRG85	0°, 2°, 4°, 6°, 8°
MRG85B	0°, 1°, 3°, 5°, 7°

Precision Timing Tape

Avoid the expense of degreeing the harmonic balancer. Mr. Gasket's timing tape is accurately calibrated and perfect for timing engines or setting valve lash for increased performance.

Part No.	Description
Chevrolet	
MRG1588	6-3/4" Dia. 283-400 Cu. In.
MRG1591	8" Dia. 1970-73, 396-427-454 Cu. In. 1965-68, 327 Cu. In. High-Performance 1970-73, 350 Cu. In.
MRG1592	6" Dia. 1957-73 283-350 Cu. In.

Magnetic Oil Pan Drain Plug

Part No.	Description
MRG15	Magnetic Oil Pan Drain Plug, 1/2"-20
MRG16	Replacement 1/2" Nylon Washer

Competition Wire Separators

MRG9728

Heat-resistant, black plastic wire separators minimize cross firing and fit 7mm and 8mm plug wires. Includes two each: 2-wire clips, 3-wire clips, and 4-wire clips.

Grommet Set *MRG3706*

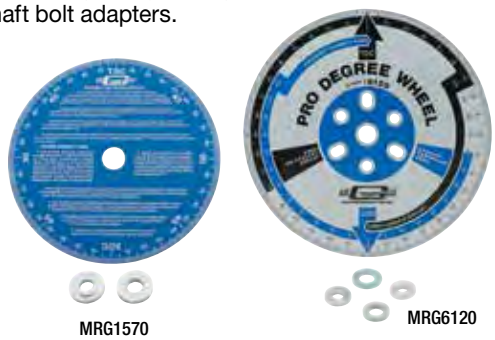
Assortment of 30 grommets are useful when running wires, cables, or hoses through sheet metal. Includes six grommets each in 1/2", 5/8", 3/4", 7/8", and 1" sizes.

Phil Gressman

Photo by: JohnnyB Imagery

Degree Wheels

Degree camshafts just like a professional. Affordable 7" diameter universal degree wheel is ideal for degreeing cam in car, or while the engine is on a stand. Large 11" diameter Pro Degree Wheel is color-coded for maximum readability and unsurpassed accuracy for degreeing on engine stand. Each wheel includes crankshaft bolt adapters.



MRG1570 MRG6120

Part No.	Description
MRG1570	Universal Degree Wheel, 7" Dia.
MRG6120	Pro Degree Wheel, 11" Dia.

Non-Marring Scraper *MRG33270G*

The perfect tool for removing stubborn gasket residue using the non-marring plastic blades. This heavy-duty tool features a carbon steel body with a comfortable plastic and rubber grip handle. The razor blades also work well for removing labels and decals from glass. Accepts standard single-edge razor blades. Includes gasket scraper, (10) non-marring double-edge plastic blades, and (10) single-edge razor blades.

7-Piece AN Wrench Set *MRG33200G*

These Mr. Gasket double-ended -3AN to -20AN wrenches make it easy to assemble hose ends & maintain your race car or HP vehicle. The contoured edge is comfortable in your hand & the short length helps to prevent over-tightening the hose ends. Each wrench is stamped and color-coded for easy identification of the desired size. Made from billet 6061-T6 aluminum.

Storage Bags *MRG33260G*

Mr. Gasket storage bags come in two sizes that are designed to protect your engine, transmission, cylinder heads, and crankshaft when not in use. The oversize engine storage bag is big enough to fit a fully dressed big block engine (including headers) & fit over most engine stands & dyno carts. The cylinder head / crankshaft bags are big enough to fit big block & Hemi-style heads. These heavy-duty, thick, clear poly bags have the Mr. Gasket logo printed on them. Engine storage bags are sold one per package..

Engine Cleaning Brush Kits

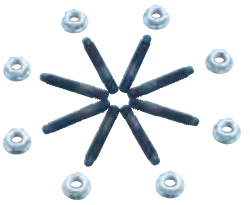
Kits include brushes in various sizes, lengths, and diameters. Each brush is made from pure stiff bristle nylon that won't soften or melt when used with most solvents.

Part No.	Description
MRG1211	Short Brush Kit, 1 Ea. 5/16", 1/2", 5/8" O.D. x 9" L
MRG5189	Deluxe Brush Kit, 1 Ea. 5/16", 1/2", 5/8" O.D. x 9" L. And 1 Ea. 1/2", 5/8", and 3/4" O.D. x 25" L
MRG5192	Complete Kit, 9 Assorted from 1/4" to 5"

Fast Fill Funnel *MRG3695*

Funnel has a wide mouth, narrow filler tube, and built-in brass filter screen. Six-quart capacity.

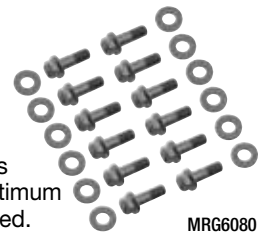
Valve Cover Stud Kits



Bullet-tip, Grade 5 studs are black oxide-finished and hex nuts are cadmium-plated for corrosion resistance. Each kit includes eight studs and nuts.

Part No.	Description
MRG6324	1/4"-20/28 x 1-1/8", Steel
MRG6329	1/4"-20/28 x 1-1/2", Cast

Intake Manifold Bolts



MRG6080

Offered with Grade 5 hex and Grade 8 twelve-point head, high-quality fasteners assure accurate torque readings and optimum clamping pressures. Washers are included.

Part No.	Description
Hex Head	
MRG955G	3/8"-16 x 1", (12) Bolts and Washers, Fits SB Chevy
MRG6080	3/8"-16 x 1-1/16", (12) Bolts and Washers, Fits SB Chevy
Twelve-Point	
MRG6091	3/8"-16 x 1", (12) Bolts and Washers, Fits SB Chevy
Locking Header Bolt Kit	
MRG2231G	3/8"-16 x 3/4", 16 Pk.

Hex-Head Header Bolts

MRG919G

Grade 5 Bolts have smaller 3/8" hex heads for easier header installation, especially in tight places. Washer-faced bolts have protective black finish. Comes with 16 pieces of 3/8"-16 x 3/4" bolts and a 7/16" wrench.

Harmonic Balancer Bolt Kits

MRG7845

Heavy-duty, Grade 8 bolts have extra-large hex heads to prevent bolt slippage when turning engine over. Each bolt includes an extra-thick, parallel-ground washer and lock washer.

Part No.	Description
Small Block Chevy 262-400	
MRG945G	7/16"-20 x 2-1/4", Gold Zinc
MRG7845	7/16"-20 x 2-1/4", Black Coated

MSD

Chevrolet Pro Mag 12LT

Designed for sprint car racing, unit is nearly 30% lighter and smaller for a better fit. Power producing generator clamps to the billet aluminum lower housing to allows easy timing changes. Magneto provides incredible power and is maintenance-free (no points, batteries, or magnets). Sold with cap, rotor, bronze gear, and connectors. An electronic points box is required.

Part No.	Description
MSD7908	Pro Mag 12LT
MSD79082	Pro Mag 12LT Short Base, Black
MSD79083	Pro Mag 12LT, Black

Electronic Points Boxes

MSD81063MSD

Part No.	Description
MSD8106	Endurance, Events over 50 Laps, with Rev Limiter, Red
MSD81063MSD	Points Box 12-Amp Pro Mag, Black

Pro Mag Replacement Parts

MSD79193

Made with DuPont Rynite high-dielectric material, cap features stainless terminals for maximum corrosion-resistance.

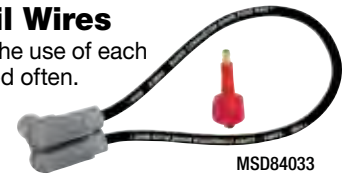
Part No.	Description
MSD7919	Cap and Rotor Kit Pro Mag LT, Red
MSD79193	Cap and Rotor Kit Pro Mag LT, Black
MSD7905	Mag Clamp for Pro Mags
MSDMSD19735	Slip Collar for Mag
MSD8471	Chevy Bronze Distributor Gear
MSD8148	Band Clamp
MSDMSD17193	Drive Brushing

Custom-Fit Chevy Sprint Super Conductor 8.5mm Spark Plug Wire Sets

Super Conductor 8.5mm spark plug wire set is cut to fit for "tight fit" Chevy V8 Sprint Cars. Wires have 90° ends at both the spark plug and magneto cap, have extremely low resistance, high-RFI suppression, and are specifically for use with the Pro Mag.

Part No.	Color
MSD31543	Black
MSD31549	Red

Super Conductor Coil Wires



MSD84033

Coil wires endure eight times the use of each plug wire and should be replaced often.

Part No.	Color
MSD84033	Black
MSD84039	Red

Pro-Boot Guard

MSD3412

Protects spark plug boots from excessive heat. Slide-on sleeve has fiberglass woven inside coated with silicone rubber to withstand extreme temperatures. Six-foot roll.

Cylinder Markers
MSD3414

Molded plastic markers ensure that plug wires are always in the right place. Designed for 8.5mm wire.

Pro-Heat Guard Wire Sleeve
MSD3411

Provides extra protection to spark plug wires. Tough, glass-woven sleeving is covered with silicone rubber and resists up to 1,000°F. Sold in a 25-foot roll.

Pro-Clamp Wire Separators
MSD8843

Snap together separators have special grooves to hold wires firmly without damaging insulation. Kit includes two 4-wire assemblies, two 3-wire assemblies, and four 2-wire assemblies.

Pro-Crimp Tool *MSD35051*

The ideal tool for making up a quantity of plug wires or doing custom wiring. Pro-Crimp's interchangeable jaws can form a variety of different crimps using one tool. Hardened steel frame, comfortable molded hand grips, and ratchet action yield secure, factory-quality crimps every time. Supplied with crimping/stripping jaws for MSD spark plug wire terminals.

Mini Stripper/Crimper *MSD3503*

An inexpensive way to make a set of custom made plug wires. Die is used to strip Super Conductor wire. Stripper/crimper can then be placed in a vise to provide a solid terminal crimp to the wire.

Kill Switch And Harness
MSD8111

Heavy-duty single-pole, single-throw switch is rated at 15 amps and is designed for the Pro Mag 12. ***NOTE: For use with 12-amp magnetos only, not for use with the Pro Mag 44.***

Midget Accessories

MSD8240

MSD31689

Part No.	Description
MSD8240	Coil Pack
MSD31689	8.5mm Spark Plug Wire Set

Timing Lights

An accurate timing light is extremely important to the performance of any race engine. MSD offers two lights to keep the timing accurate. Both feature easy-to-see bright strobes and detachable leads for easy storage. The self-powered timing light uses six AAA batteries so there are no extra wires hanging over the engine compartment. Ideal for race cars without batteries.

MSD8991

MSD8992

Part No.	Description
MSD8991	Self-Powered Timing Light
MSD8992	12-Volt Powered Timing Light

Points Box Vibration Mounts
MSD8823

Mounts isolate electronic points box and other accessories from vibrations. Four mounts and hardware in each kit. Mounts for 12- and 44-amp electronic points box.

Quick-Release Mounting Panel
MSD8102

Sheet metal mounting panel makes removing and installing your MSD electronic points box simple.

RPM Module Kits

Each RPM Module Kit contains five modules in 200 RPM increments in RPM ranges from 3,000 to 10,900. Compatible with all MSD accessories that require modules. Available in even and odd increments.

Description	Part No.
Even Increments	
3,000-3,900 RPM	MSD8743
4,000-4,900 RPM	MSD8744
5,000-5,900 RPM	MSD8745
6,000-6,900 RPM	MSD8746
7,000-7,900 RPM	MSD8747
8,000-8,900 RPM	MSD8748
9,000-9,900 RPM	MSD8749
Odd Increments	
3,000-3,900 RPM	MSD87431
4,000-4,900 RPM	MSD87441
5,000-5,900 RPM	MSD87451
6,000-6,900 RPM	MSD87461
7,000-7,900 RPM	MSD87471
8,000-8,900 RPM	MSD87481
9,000-9,900 RPM	MSD87491

MSD8744

MSD87451

REV 2 Carbon

Among the lightest head-and-neck restraints currently available, the medium 2" belt size weighs less than 1 lb. Compact, simple, and easy-to-use unit is similar to the REV 2 LITE. The adjustable tether allows simple adjustment to achieve the desired slack and range of motion. Meets SFI 38.1 specifications. Sold complete with quick-release helmet hardware.

Part No.	Description
NEXNG902	Large, 3” Harness
NEXNG903	Medium, 3” Harness
NEXNG905	Medium, 2” Harness

REV

The restraint uses a patent-pending tension-neutralizing tether design that provides superior lateral and frontal support, allowing for little or no interference with seat and helmet. REV comes in three sizes and works in any race vehicle. Made in USA. Meets SFI 38.1 Specifications

Part No.	Description
NEXNG20	Large, 2" or 3" Harness
NEXNG21	Medium, 2" or 3" Harness
NEXNG22	Medium, 2” Harness Only
NEXNG23	Small, 2" Harness Only
Related/Replacement Components	
NEXNG075	Quick-Release Pull Tether, Red 4" Long
NEXNG090	Tool Kit, All NecksGen Models
NEXNG278	Replacement Tether, Kevlar, Medium 23"
NEXNG279	Replacement Tether, Kevlar, Small 19"
NEXNG281	Hardware Kit, Includes Barrel Nuts, Bolts, and Washers
NEXNG292	Replacement Tether, Kevlar, Medium 21"
NEXNG7	Quick Release Hardware, Black

NEXNG20

REV 2 LITE

The REV 2 LITE offers the same protection and certification as the NecksGen Original and REV devices, yet weighs just 1.2 lbs. It also adds an innovative adjustable tether system. Rubber grip friction pads secure the driver into the seat better, while higher belt guides keep everything locked in place for multiple impact situations. Unit includes free re-certifications and is sold complete with quick-release helmet hardware. Meets SFI 38.1 specifications.

Part No.	Description
NEXNG500	Small, Fits Necks up to 5" Wide Necks
NEXNG501	Medium, Fits 5-1/2" Wide Necks
NEXNG502	Large, Fits Necks up to 7" Wide Necks

Kelsey Ivy — Photo by: JohnnyB Imagery

Tom Geren — Photo by: JohnnyB Imagery

NOCO®

GB20 400-Amp UltraSafe Lithium-Ion Jump Starter

Lightweight and portable, the GB20 offers 400-amps for jump starting batteries. Powerful battery booster also serves as a source for charging USB devices including Smartphones, tablets, and more. Designed for use on gas engines up to 4 liters. Available heavy-duty molded EVA case stores GB20 effectively. ***Note: For use with lead-acid batteries only.***

Part No.	Description
NOCGB20	GB20 UltraSafe Lithium Jump Starter
NOCGBC013	EVA Protective Case for GB20 Jump Starter

GB40 1,000-Amp UltraSafe Lithium-Ion Jump Starter

Portable lithium-ion powered battery jump starter offers 1,000 amps for jump-starting a dead battery in seconds. Safe and easy to use, unit provides spark-proof connections and reverse polarity protection. Jump starter has the ability to jump gas engines up to 6 liters and diesel up to 3 liters.
Note: For use with lead-acid batteries only.

Part No.	Description
NOCGB40	GB40 UltraSafe Lithium Jump Starter
NOCGBC013	EVA Protective Case for GB40 Jump Starter

GB50 1500-Amp UltraSafe Lithium-Ion Jump Starter

NOCGB50XL

Lightweight, compact unit allows jump-starting dead 12-volt batteries in seconds. Safe for anyone to use with incorporated spark-proof technology and reverse polarity protection. Rated at 1,500 amps, the GB50 is suitable for use on gas engines up to 7 liters and up to 4.5 liter diesel engines. Sold complete with HD precision boost battery clamps, USB charging cable, and microfiber storage bag.

GB70 2,000-Amp UltraSafe Lithium-Ion Jump Starter

Powerful, lightweight GB70 has the ability to jump-start gas engines up to 8 liters and diesel engines up to 6 liters. Unit additionally doubles as a portable power source for recharging USB devices including phones, tablets, etc. Safe and easy to use, unit provides spark-proof connections and reverse polarity protection. Heavy-duty molded EVA case available (sold separately). ***Note: For use with lead-acid batteries only.***

Part No.	Description
NOCGB70	GB70 UltraSafe Lithium-Ion Jump Starter
NOCGBC014	EVA Protective Case for GB70 Jump Starter

GB150 4,000 Amp UltraSafe Lithium-Ion Jump Starter

Powerful lithium-ion battery jump starter delivers 4,000 amps of power, sufficient to jump gas and diesel engines up to 10 liters and more. The GB150 can also power tire inflators, power inverters, and more. May also be used to charge USB devices including phones, tablets, etc. Easy and safe to use, unit includes spark-proof connections and reverse polarity protection. Heavy-duty molded EVA case available (sold separately). ***Note: For use with lead-acid batteries only.***

Part No.	Description
NOCGB150	GB150 UltraSafe Lithium-Ion Jump Starter
NOCGBC015	EVA Protective Case for GB150 Jump Starter

Battery Charging Accessories

NOCA202 NOCB603 NOCGC001 NOCGC004

Part No.	Description
NOCA202	Battery Corrosion Preventative, for Battery Terminals, Cables, Etc., Aerosol 12.25-oz.
NOCB603	Battery Corrosion Terminal Protectors, Provides a Barrier Against Acid Fumes, Package of 50
NOCGC001	X-Connect Battery Clamp Connector, Allows Quick Battery Charger Connection
NOCGC002	X-Connect Eyelet Terminal Connector, Allows Quick Battery Charger Connection
NOCGC004	X-Connect 10' Extension Cable

Joey Irwin Photo by: Marcus Berglund Photos

NGK SPARK PLUGS

V-POWER
RESISTOR TYPE SPARK PLUGS

NGK Spark Plugs

NGK is the ultimate in Spark Plug technology. Choose from standard and V-Power racing plugs.
Please refer to page 540 for spark plug application chart.

ODYSSEY BATTERY

Extreme Series Powersports Batteries NEW!

Combine the benefits of enormous cranking power and deep cycle reserve power, possible through the use of flat plates manufactured from 99.99% pure lead, not lead alloy. Batteries additionally use dry cell Absorbed Glass Mat (AGM) technology to contain acid and allow the battery to be installed on its side, if desired. Equipped with both top and side terminals.

Part No.	PHCA	CCA	Weight
5.9"L x 5.7"H x 3.4"W			
ODYODS-AGM14	565	220	10 lbs.
6.9"L x 6.1"H x 3.4"W			
ODYODS-AGM20L	675	275	13 lbs.
6.6"L x 6.9"H x4.9"W			
ODYODS-AGM30L	720	400	20 lbs.

Extreme Series Batteries

Extreme Series batteries combine the benefits of enormous cranking power and deep-cycle reserve power, possible through the use of flat plates manufactured from 99.99% pure lead, not lead alloy. Pure lead plates may be made thinner, allowing more plates, which are then densely packed, resulting in twice the power of conventional batteries. Batteries additionally use dry cell Absorbed Glass Mat (AGM) technology to contain acid, allowing the battery to be installed on its side, if desired.

Part No.	Type	Terminal	CCA	CA	Weight (lbs.)
7.00"L x 3.38"W x 5.17"H					
ODYPC545	50	M6	150	280	11.4
ODYPC545MJ	50	M6	150	280	11.4
7.27"L x 3.11"W x 7.55"H					
ODYPC680	50	M6 or SAE 3/8"	170	350	15.4
ODYPC680MJ	50	M6 or SAE 3/8"	170	350	15.4

Note: MJ stands for Metal Jacket to help with heat protection.

OLIVER
RACING PARTS

Billet I-Beam Connecting Rods

Exclusive "Parabolic Beam" design reduces beam stress and provides one of the highest strength-to-weight ratios of any connecting rod currently available. Sold in sets of eight in Standard or Ultra Light versions. Oliver/ARP 7/16" WSB fasteners included.

Part No.	Rod Length	Wrist Pin	Crank Pin	Journal Width	Gram Weights
Small Block Chevy					
Ultra Light/Small Journal					
OLVC6000SMUL8	6.000"	.927"	2.000"	.940"	162/429/591
Ultra Light/Standard Journal					
OLVC6000STUL8	6.000"	.927"	2.100"	.940"	164/431/595
Standard Weight/Standard Journal					
OLVC6000STLT8	6.000"	.927"	2.100"	.940"	185/476/661
OLVC6125STLT8	6.125"	.927"	2.100"	.940"	185/478/663
OLVC6200STLT8	6.200"	.927"	2.100"	.940"	186/481/667
Standard Weight/Small Journal					
OLVC6000SMLT8	6.000"	.927"	2.000"	.940"	181/464/645

Replacement Components

Part No.	Description
OLVBLT003	7/16" Premium Replacement Rod Bolt, 1.400" UHL, 260,000 PSI Tensile Strength
OLVBLT005	7/16" Standard Replacement Rod Bolt, 1.400" UHL, 220,000 PSI Tensile Strength
OLVBSH011	Replacement Wrist Pin Bushing, SB Chevy Thin Wall
OLVBSH027	Replacement Wrist Pin Bushing, SB Chevy Thick Wall

OLVBLT005

OLVBSH027

OMP

Tecnica Hybrid NEW!

Constructed using traditional Nomex fabrics, the Tecnica Hybrid one-piece driving suit features printed inserts and embroidered details for a professional appearance. Floating sleeves with elastic bellows and knitted, elastic inserts provide superior freedom of movement, while the shaped collar, anti-rubbing seams, and soft inserts provide unsurpassed comfort. Offered in red/black only.

Size	Part No.
Medium/52	OMPIA0-1864-A01-060-52
Medium/Large 54	OMPIA0-1864-A01-060-54
Large/X-Large 58	OMPIA0-1864-A01-060-58
X-Large/60	OMPIA0-1864-A01-060-60

Tecnica Evo My2021 NEW!

Professional level, one-piece fire-retardant driving suit incorporates floating arms with elastic bellows for increased freedom of movement, while breathable fabric inserts increase comfort. Innovative, "fishbone" quilting delivers a fresh, aggressive design. Suit meets new FIA 8856-2018 standards. Offered in black/fluorescent yellow only.

Size	Part No.
Black/Fluorescent Yellow	
Medium/52	OMPIA0-1859-B01-178-52
Medium/Large/54	OMPIA0-1859-B01-178-54
Large/56	OMPIA0-1859-B01-178-56
Large/X-Large/58	OMPIA0-1859-B01-178-58
X-Large/60	OMPIA0-1859-B01-178-60

OS 10

Affordable, single-layer driving suit is made from treated, woven fabric and features a double back pleat, lumbar elastic stitch, external pockets, and an attractive matte finish. One-piece suit meets SFI 3-2A/1 specifications and is offered in black only.

Size	Black
Medium	OMPIA0-1901-A01-071-M
X-Large	OMPIA0-1901-A01-071-XL

Rick Holley Photo by: JohnnyB Imagery

Tecnica Gloves My2021 NEW!

Premium racing gloves feature suede leather palms with silicone rubber inserts for unsurpassed steering wheel grip. An adjustable velcro strap at the wrist offers a snug fit. Offered in blue/cyan, black/white, or white. Gloves meet FIA 8856-2018 standards.

Size	Part No.
Blue/Cyan	
X-Small	OMPIB0-0772-A01-244-XS
Small	OMPIB0-0772-A01-244-S
Medium	OMPIB0-0772-A01-244-M
Large	OMPIB0-0772-A01-244-L
Black/White	
Medium	OMPIB0-0772-A01-071-M
Large	OMPIB0-0772-A01-071-L
X-Large	OMPIB0-0772-A01-071-XL
White	
X-Small	OMPIB0-0772-A01-020-XS
Small	OMPIB0-0772-A01-020-S
Medium	OMPIB0-0772-A01-020-M
Large	OMPIB0-0772-A01-020-L
X-Large	OMPIB0-0772-A01-020-XL

One Evo X Gloves NEW!

Lightweight, precurved gloves deliver exceptional grip, feel, and comfort. Gloves include an elastic wrist stop for a custom fit, and meet FIA 8856-2018 standards. Offered in black/fluorescent yellow or black.

Size	Black/Fluorescent Yellow	Black
X-Small	—	OMPIB0-0771-A01-071-XS
Small	OMPIB0-0771-A01-178-S	OMPIB0-0771-A01-071-S
Medium	OMPIB0-0771-A01-178-M	—
Large	OMPIB0-0771-A01-178-L	—
X-Large	OMPIB0-0771-A01-178-XL	OMPIB0-0771-A01-071-XL

Rally Gloves

Durable professional-level gloves include suede leather palms for maximum steering wheel grip. Ideal for use in harsh conditions, gloves are manufactured from fireproof stretch fabric and include elastic wrist stop. Offered in blue, black, or red.

Size	
Blue	
Medium	OMPIB0-0702-A01-041-M
Large	OMPIB0-0702-A01-041-L
X-Large	OMPIB0-0702-A01-041-XL
Black	
Small	OMPIB0-0702-A01-071-S
Medium	OMPIB0-0702-A01-071-M
Large	OMPIB0-0702-A01-071-L
Red	
Small	OMPIB0-0702-A01-061-S
Medium	OMPIB0-0702-A01-061-M
Large	OMPIB0-0702-A01-061-L
X-Large	OMPIB0-0702-A01-061-XL

OS 50 Shoes

Quality suede leather shoes utilize a mid-top design with padded ankle and tongue, flexible and low-cut achilles, and leather reinforcements. Shoes are offered in black only and meet SFI 3.3A/5 specifications.

Size	Black
9	OMPIC792071090
11	OMPIC792071110
12	OMPIC792071120

KS-3 Shoes My2021 NEW!

Premium suede leather karting shoes feature a modern, fresh design. The special outsole along with the padded rear insert is designed specifically to benefit the drivers of karts. Offered in black, black/fluorescent yellow, or blue/cyan.

Size	Part No.
Black	
9 (42)	OMPKC0-0826-A01-071-42
Black/Fluorescent Yellow	
5-5-1/2 (37)	OMPKC0-0826-A01-178-37
6-1/2 (38)	OMPKC0-0826-A01-178-38
7 (39)	OMPKC0-0826-A01-178-39
7-1/2 (40)	OMPKC0-0826-A01-178-40
8 (41)	OMPKC0-0826-A01-178-41
9 (42)	OMPKC0-0826-A01-178-42
Blue/Cyan	
5-5-1/2 (37)	OMPKC0-0826-A01-244-37
7-1/2 (40)	OMPKC0-0826-A01-244-40
8 (41)	OMPKC0-0826-A01-244-41

One Socks My2021 NEW!

One Socks utilize advanced knitting techniques to reduce fatigue while driving. Socks meet FIA8856-2018 standards, and are offered in white or black.

Size	Part No.
Black	
Small	OMPIE0-0766-A01-071-S
Medium	OMPIE0-0766-A01-071-M
Large	OMPIE0-0766-A01-071-L
White	
Large	OMPIE0-0766-A01-020-L

Anatomical Neck Collars

OMPKK0-4003-071

Neck collar is manufactured from flame-resistant Nomex and features an anatomic design for improved fit and comfort. Black only.

Roll Bar Padding

OMPAA0-0115

Energy-absorbing roll bar padding gets progressively denser during impact for added driver protection. Padding is 490mm long and fits 40mm (1-1/2") to 50mm (2") dia. roll cage tubing. Meets FIA 8857-2001 type A specifications. Black only.

Harness Pads

Harness pads add driver comfort when cinching down belts. Velour with Velcro attachments. Sold per pair.

Description	Part No.
Black	
2" Harness Pads	OMPDB0-0450-A01-071
3" Harness Pads	OMPDB0-0450-A02-071
Red	
2" Harness Pads	OMPDB0-0450-A01-061
3" Harness Pads	OMPDB0-0450-A02-061

Kubic Suede Steering Wheel

OMPOD0-1985-071

This 3-spoke, black anodized aluminum steering wheel features a suede/leather wrap. Measuring 12-1/4" x 10-1/2", it is flat on both the top and bottom to give the driver additional leg-room. Manufactured with a 6-bolt mounting pattern and supplied with horn button.

Steering Wheel Spacers

Ultra-lightweight, CNC-machined 60mm steering wheel spacer enables a flat dish steering wheel to replace a deeper dish OEM steering wheel while maintaining wheel distance to the driver.

Part No.	Color
OMPOS0-0023-071	Black
OMPOS0-0023-081	Silver

Outerwears
Performance Products =

Speed Screen Combo Kit
OUT11-2325-12

Includes speed screen, frame, and PVC heat shield.

Part No.	Description
Replacement Component	
OUT11-2325-12	Replacement Screen

Black Engine Bag
OUTEB-1000

Heavy-duty, black denier nylon bag is used to cover spare engines during storage or transport, protecting them from dirt, debris, and the elements.

Pre-Filter for Fuel Funnels
OUT20-1029-03

Fits 6-qt. fuel funnels (like Mr. Gasket MRG3695). Prevents condensation and dirt from entering the fuel cell. Will not separate water from alcohol. Red only.

Pre-Filter for Carbon Fiber Air Box

OUT10-1016-01

OUT10-2535-01

Part No.	Color
OUT10-1016-01	For Sprint, Black, 6"
OUT10-1217-01	For Midget, Black
OUT10-2535-01	For Sprint, Black, 4"
OUT10-2893-01	For Large R2C Airbox

Fuel Injection Pre-Filters

Pre-filters are available for tapered air filters.

Part No.	Color
Tapered Style	
OUT10-1048-01	Black

Pre-Filters for Walker Performance
OUT10-3118-01

Pre-filters fit Walker Performance Filtration Units. Sold in 2-pack.

Pre-Filter for 600CC Mini Sprint

Fits K&N E2990 filter. Available in black only.

Part No.	Color
Fits K&N Filters	
OUT10-1144-01	3" Tall
OUT10-2790-01	5" Tall
OUT10-2642-01	3" Tall
Fits JTG Filters	
OUT10-1021-01	3" Tall
OUT10-1294-01	3" Tall

Pre-Filters for 3" Crankcase Breather

Pre-filters fit the 3" diameter crankcase breathers mounted on the valve covers.

Part No.	Color	Part No.	Color
Breather without Shield		**Breather with Shield**	
OUT10-1013-01	Black	OUT10-1018-01	Black
OUT10-1013-02	Blue	OUT10-1018-02	Blue
OUT10-1013-03	Red	OUT10-1018-03	Red
OUT10-1013-04	Yellow	OUT10-1018-04	Yellow
OUT10-1013-05	Orange	OUT10-1018-05	Orange
OUT10-1013-07	Purple	OUT10-1018-07	Purple

14" Air Filter Pre-Filters for R2C Pro Series

Specifically designed for use with popular R2C Pro Series air filters.

Part No.	Description
OUT10-2589-01	4" Tall Element
OUT10-2590-01	5" Tall Element
OUT10-2781-01	6" Tall Element

Dustin Daggett

Photo by: Marcus Berglund Photos

Outerwears
Performance Products

14" Air Filter Pre-Filters

Pre-filters fit around the air filter elements on all 14" diameter air cleaners.

Description	Black	Blue	Red
3" Tall Element	OUT10-1141-01	OUT10-1141-02	OUT10-1141-03
4" Tall Element	OUT10-1002-01	OUT10-1002-02	OUT10-1002-03
5" Tall Element	OUT10-1004-01	OUT10-1004-02	OUT10-1004-03
6" Tall Element	OUT10-1026-01	OUT10-1026-02	OUT10-1026-03

Description	Yellow	Orange	Purple
3" Tall Element	OUT10-1141-04	OUT10-1141-05	OUT10-1141-07
4" Tall Element	OUT10-1002-04	OUT10-1002-05	OUT10-1002-07
5" Tall Element	OUT10-1004-04	OUT10-1004-05	OUT10-1004-07
6" Tall Element	OUT10-1026-04	OUT10-1026-05	OUT10-1026-07

14" Air Filter Pre-Filters with Top

The Outerwears pre-filter with a completely covered top keeps debris out of the air cleaner assembly.

Description	Black	Blue	Red
3" Tall Element	OUT10-1246-01	—	OUT10-1246-03
4" Tall Element	OUT10-1014-01	OUT10-1014-02	OUT10-1014-03
5" Tall Element	OUT10-1020-01	OUT10-1020-02	OUT10-1020-03
6" Tall Element	OUT10-1160-01	OUT10-1160-02	OUT10-1160-03

Description	Yellow	Orange	Purple
4" Tall Element	OUT10-1014-04	OUT10-1014-05	OUT10-1014-07
5" Tall Element	—	OUT10-1020-05	OUT10-1020-07
6" Tall Element	—	OUT10-1160-05	—

Shockwears Armor

Flexible, armor-plated material protects expensive shock absorbers and is vented to release heat. Available for use with shocks fitted with standard coil-overs or those fitted with barrel springs. Black only. Sold each.

Part No.	Description
OUT32-2603-01	2.5" Dia. x 17" Long
OUT32-2604-01	2.5" Dia. x 19" Long
OUT32-2605-01	2.5" Dia. x 21" Long
OUT32-2877-01	8-9" Shocks
OUT32-2878-01	6-7" Shocks

Shock Covers

Tested and proven to protect vital shock components. Durable denier nylon Shockwears are water- and heat-resistant, and include a Velcro strap for easy installation without shock removal. Covers are also available for pull bars and coil-overs. All covers are sold in pairs.

Part No.	Description
OUT30-1245-01	Standard 3-1/2" O.D. x 10" Long Spring
OUT30-1348-01	Standard 3-1/2" O.D. x 12" Long Spring

Scrub Bags

Strong water-repellent, dirt-resistant covers for fuel injection, crankcase vents, magnetos, and air boxes. Use during hauling, washing, or storage. Secures with a draw-string and quick-clip.

Color	Part No.
Crankcase Vent	
Black	OUT30-1018-01
Vertex Magneto, Standard Cap	
Black	OUT30-1143-01
Vertex Magneto, Large Cap	
Black	OUT30-1264-01
Blue	OUT30-1264-02
Red	OUT30-1264-03
Carbon Fiber Box	
Black	OUT30-1016-01
Mini Sprint Filter	
Black	OUT30-1144-01

OUT30-1264-01

PAC

Circle Track Valve Springs

PAC offers three series of dual-spring valve spring assemblies for circle track racing applications. The economical 1200 series is standard HP-processed with good fatigue life. 1300 series Nano Peen springs have surface enhancements and full chamfering for extreme reliability. Premium 1500 series are polished, gold-colored Nano Peen springs engineered for extreme engine speeds and radical camshaft profiles. Sold in sets of 16.

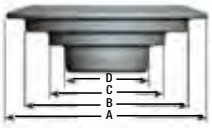
Part No.	Outer OD	Outer ID	Middle OD	Inner ID	Installed Height	Open Load	Spring Rate	Coil Bind	Max. Lift
1200 Series									
PACPAC-1227	1.539"	1.125"	Damper	.731"	200 @ 1.950"	550 @ 1.250"	500	1.130"	.700"
PACPAC-1239	1.550"	1.126"	Damper	.720"	220 @ 2.050"	625 @ 1.300"	540	1.180"	.800"
PACPAC-1280X	1.282"	.860"	Damper	.655"	92 @ 1.800"	285 @ 1.300"	386	1.181"	.500"
PACPAC-1297	1.539"	1.125"	Damper	.731"	200 @ 2.000"	550 @ 1.300"	500	1.130"	.700"
1300 Series									
PACPAC-1371	1.374"	1.100"	—	.716"	150 @ 1.950"	455 @ 1.250"	436	1.190"	.700"
PACPAC-1385	1.564"	1.150"	Damper	.744"	250 @ 2.000"	670 @ 1.200"	525	1.140"	.800"
PACPAC-1395	1.574"	1.150"	Damper	.744"	265 @ 2.000"	705 @ 1.200"	550	1.150"	.800"

RPM Series Crate Motor "Cheater" Valve Springs

Designed specifically for popular GM "602" and "604" crate motors, RPM series valve springs permit increased engine RPM's compared to stock GM crate motor springs. Sold in sets of 16.

Part No.	O.D.	I.D.	Installed Height	Open Load	Spring Rate	Coil Bind	Max Lift
"602" Spring							
PACPAC-1210X	1.245"	.891"	87 @ 1.700"	212 @ 1.270"	291	1.128"	.450"
"604" Spring							
PACPAC-1212X	1.355"	.910"	125 @ 1.750"	315 @ 1.250"	380	1.180"	.550"

Valve Spring Retainers



Offered in multiple materials, including 600 series Pacaloy tool steel or lightweight 500 series Ti-17 titanium.

Part No.	Dimensions A	Dimensions B	Dimensions C	Dimensions D	Lock Angle	Gram Weight
300 Series Chrome Moly Steel						
PACPAC-R317	1.325"	.990"	.700"	N/A	10°	26.3
PACPAC-R335	1.300"	.940"	.680"	N/A	LS7	17.0
PACPAC-R349	1.200"	.775"	N/A	N/A	8°	20.0
PACPAC-R387	1.450"	1.122"	.735"	N/A	10°	29.0
400 Series Ti-64 Titanium						
PACPAC-R436	1.450"	1.125"	.800"	N/A	10°	11.5
500 Series Ti-17 Titanium						
PACPAC-R505	1.400"	1.090"	.780"	N/A	10°	14.8
PACPAC-R514	1.475"	1.140"	.735"	N/A	10°	14.8
PACPAC-R540	1.400"	1.080"	.770"	N/A	8°	13.6
600 Series Pacaloy Tool Steel						
PACPAC-R614	1.450"	1.140"	.735"	N/A	10°	15.9
PACPAC-R632	1.250"	.890"	.600"	N/A	Mini 8°	N/A

Valve Spring Shims

Offered in chrome moly steel, Pacaloy tool steel, Ti-64 titanium or Ti-17 titanium. Sold in sets of 16.

Part No.	O.D.	I.D.	Thickness
PACPAC-S184	1.500"	.570"	.050"
PACPAC-S188	1.250"	.570"	.050"
PACPAC-S189	1.250"	.570"	.030"

Valve Spring Shim Kit

PACPAC-KS93

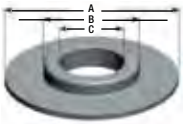
Used to achieve the desired valve spring installed height and seat pressure, comprehensive kit includes (64) 1.250" O.D. x .570" I.D. valve spring shims, 16 pieces each in thicknesses of .015", .020", .030", and .050".

Valve Locks

Choose from 7°, 8°, or 10° valve locks for 11/32", 3/8", or 8mm valves. Sold in sets of 16.

Part No.	Valve Stem Size	Lock Angle	Groove Type	Installed Height	Material
PACPAC-L8005	11/32"	10°	Square	Std.	Titanium
PACPAC-L8025	11/32"	10°	Square	+.050"	Steel
PACPAC-L8028	11/32"	10°	Square	+.050"	Steel
PACPAC-L8036	11/32"	8°	Square	Std.	Steel
PACPAC-L8092	3/8"	10°	Square	Std.	Steel
PACPAC-L8131*	11/32"	8°	Radius	Std.	Steel
PACPAC-L8132*	11/32"	8°	Radius	+.050"	Steel
PACPAC-L8133*	11/32"	8°	Square	Std.	Steel
PACPAC-L8134*	11/32"	8°	Square	+.050"	Steel
PACPAC-L8142*	8mm	8°	Radius	+.050"	Steel
PACPAC-L8143*	8mm	8°	Radius	-.050"	Steel
PACPAC-L8146	11/32"	7°	Square	Std.	Steel
PACPAC-L8154	11/32"	7°	Radius	Std.	Steel
PACPAC-L8160	8mm	10°	Radius	Std.	Steel
PACPAC-LR8025†	11/32"	10°	Square	-.050"	Steel
PACPAC-LR8027†	11/32"	10°	Square	Std.	Steel
PACPAC-LR8028†	11/32"	10°	Radius	Std.	Steel

**** Mini-8 Lock Type † Locks are recessed for use with lash caps.***



Chrome Moly Spring Seats

Part No.	Thickness	Dimensions A	Dimensions B	Dimensions C
PACPAC-S102	.060"	1.550"	.855"	.635"
PACPAC-S103	.060"	1.550"	.770"	.575"
PACPAC-S106	.060"	1.550"	.700"	.635"
PACPAC-S110	.060"	1.500"	.715"	.570"
PACPAC-S114	.060"	1.450"	.700"	.570"
PACPAC-S117	.060"	1.550"	.730"	.575"
PACPAC-S126	.060"	1.500"	.715"	.630"
PACPAC-S138	.060"	1.270"	.615"	N/A

Spring Installed Height Gauge

PACPAC-T902

Measure valve spring heights quickly, accurately, and effectively. Standard model is made from durable stainless steel and includes fine threads for increased accuracy. Measures 1.800"- 2.600" installed heights.

Mark Irwin

Photo by: Marcus Berglund Photos

PAINLESS PERFORMANCE PRODUCTS

Mini Sprint Fan-Thom Electric Fan Relay Kits

PWI30101

Kit will protect the electric fan and the electrical system and includes a 30-amp circuit breaker, heavy-duty relay, wiring harness, and terminals. The Fan-Thom Relay is also available with a choice of pre-set thermostatic switches to activate the electric fan automatically.

Part No.	Description
PWI30101	Fan Relay Kit
PWI30102	Fan Relay Kit with 200°F On/185°F Off Thermostatic Activation
PWI30103	Fan Relay Kit with 185°F On/170°F Off Thermostatic Activation

Mini Sprint Weatherproof Electric Fan Relay Kits

PWI30129

Relay kits are designed for the harsh conditions common to racing. Kits use heavy-duty waterproof relays, weatherproof circuit breaker covers, and extreme-condition weatherproof, heat-shrinkable crimp-on terminals.

Part No.	Description
PWI30129	Weatherproof Electric Fan Relay with 185°F On/170°F Off Thermostat
PWI30130	Weatherproof Electric Fan Relay Only

Extreme Conditions Wire Stock

Stranded real copper wire includes cross-linked polyethylene insulation for exceptional resistance to abrasion. Sold in 25' or 50' rolls.

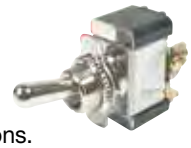
Part No.	Wire Size	Color
25 Feet		
PWI70690	8 Ga.	Red
PWI70700	10 Ga.	Red
PWI70701	10 Ga.	Black
50 Feet		
PWI70800	14 Ga.	Red
PWI70801	14 Ga.	Black
PWI70804	14 Ga.	Green
PWI70806	14 Ga.	White
PWI70812	14 Ga.	Purple

PWI70690

Push-Button Switch *PWI80503*

Momentary start switch with rubber button cover.

Heavy-Duty Toggle Switches



Sealed 20-amp switches with rugged, direct mount terminals are built to military specifications. Optional aircraft switch cover prevents accidental activation.

Part No.	Description
PWI80502	Off/On, Single-Pole/Single-Throw
PWI80514	On/Off/On, Double-Pole/Double-Throw
PWI80520	Waterproof Switch Boot Shaft-Mounted Toggles with 15/32" Threads
PWI80521	Aircraft Switch Cover

Indicator/Warning Light Assemblies

Light assemblies may be used as indicator or warning lights.

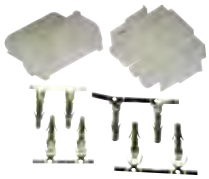
Color	5/16" O.D.	1/2" O.D.
Amber	PWI80203	PWI80208
Red	PWI80204	PWI80209
Green	PWI80205	PWI80210
Blue	PWI80206	PWI80211

Powerbraid Wire Wrap

Laterally split Powerbraid Wire Wrap encloses wires without tape or fasteners to clean up and protect wiring harnesses. Offered in black only.

Part No.	Description
PWI70901	1/4" Dia. x 20'
PWI70902	1/2" Dia. x 10'
PWI70903	3/4" Dia. x 6'
PWI70904	2" Dia. x 4'

Quick-Connect Terminal Kits



Make quick-connect plugs quickly and easily. Ideal for use with gauge panels, ignition boxes, etc. Each kit includes a male and female connector and the appropriate number of terminals. Accepts 14-20 gauge wire only.

Part No.	Description
PWI40006	2-Wire Kit
PWI40007	3-Wire Kit
PWI40008	4-Wire Kit
PWI40009	6-Wire Kit
PWI40010	9-Wire Kit

Automatic Wire Strippers

PWI72030 **NEW!**

Specialized tool allows quickly stripping 12-20 gauge wire. Simply place the wire in the jaws of the tool and squeeze the handle.

PATRIOT EXHAUST PRODUCTS

Seal-4-Good Exhaust Header Gaskets

Taylor Seal-4-Good exhaust header gaskets are constructed from dead-soft aluminum and will not blow out or burn out.

PEP66011

Part No.	Description
PEP66011	SB Chevy 265-400, Round 1-1/2" Port
PEP66012	SB Chevy 265-400, Square 1-1/2"

PEM

pemracing.com

Quick-Change Gears

Premium Gear Set

The PEM standard gear set is manufactured from hobbed, fully-treated high-grade steel. The premium lightweight gear set uses high-strength polished alloy steel for cooler operating temperatures and reduced rotating weight.

Standard Gear Set	Premium Gear Set	4.11 Ring and Pinion High	4.11 Ring and Pinion Low	No. of Teeth	4.86 Ring and Pinion High	4.86 Ring and Pinion Low
PEM61001	PEM65001	4.11	4.11	21/21	4.86	4.86
—	PEM65001A	4.23	4.00	35/36	5.00	4.72
PEM61002	PEM65002	4.26	3.96	27/28	5.04	4.68
PEM61008	PEM65008A	4.84	3.51	23/27	5.70	4.14
PEM61015	PEM65015	4.33	3.91	19/20	5.10	4.63
PEM61015Q	—	4.38	3.85	15/16	5.18	4.56
PEM61026	PEM65026	4.41	3.83	27/29	5.22	4.52
PEM61006	PEM65006	4.47	3.78	23/25	5.28	4.47
PEM61025	PEM65025	4.52	3.74	20/22	5.34	4.42
PEM61012	PEM65012	4.58	3.68	26/29	5.42	4.36
PEM61007	PEM65007	4.65	3.63	23/26	5.49	4.30
PEM61007Q	PEM65007A	4.70	3.60	21/24	5.55	4.25
PEM61017	PEM65017	4.77	3.54	19/22	5.63	4.19
PEM61008	PEM65008	4.86	3.48	22/26	5.74	4.11
PEM61019	PEM65019	4.89	3.45	21/25	5.78	4.08
—	PEM65009A	4.93	3.92	25/30	5.83	4.05
PEM61009	PEM65009	4.98	3.39	19/23	5.88	4.01
PEM61011	PEM65011	5.04	3.35	22/27	5.96	3.96
PEM61003	PEM65003	5.10	3.31	25/31	6.02	3.92
PEM61013	PEM65013	5.14	3.29	20/25	6.07	3.89
PEM61018	PEM65018	5.18	3.26	19/24	6.12	3.85
PEM61018Q	PEM65018A	5.23	3.23	22/28	6.18	3.82
PEM61004Q	PEM65004A	5.25	3.22	18/23	6.21	3.80
PEM61004	PEM65004	5.31	3.18	24/31	6.27	3.76
PEM61020	PEM65020	5.34	3.16	20/26	6.31	3.74
PEM61022	PEM65022	5.41	3.12	19/25	6.39	3.69

Standard Gear Set	Premium Gear Set	4.11 Ring and Pinion High	4.11 Ring and Pinion Low	No. of Teeth	4.86 Ring and Pinion High	4.86 Ring and Pinion Low
PEM61016	PEM65016	5.48	3.08	24/32	6.48	3.64
PEM61010	PEM65010	5.56	3.04	20/27	6.57	3.59
PEM61010	PEM65010A	5.62	3.02	22/30	6.62	3.56
PEM61034	PEM65034	5.65	2.99	16/22	6.68	3.53
PEM61014	PEM65014	5.72	2.95	23/32	6.76	3.49
—	PEM65014A	5.75	2.94	20/28	6.80	3.47
PEM61035	PEM65035	5.80	2.91	17/24	6.86	3.44
PEM61032	PEM65032	5.84	2.89	19/27	6.90	3.42
PEM61032Q	PEM65032A	5.90	2.86	23/33	6.97	3.39
PEM61024	PEM65024	5.96	2.83	20/29	7.04	3.35
PEM61036	PEM65036	6.05	2.79	17/25	7.14	3.30
PEM61023	PEM65023	6.16	2.74	18/27	7.29	3.24
PEM61021	PEM65021	6.28	2.69	17/26	7.43	3.18
PEM61027	PEM65027	6.35	2.66	22/34	7.51	3.15
PEM61043	PEM65043	6.42	2.63	16/25	7.59	3.11
PEM61028	PEM65028	6.49	2.60	19/30	7.67	3.08
PEM61029	PEM65029	6.58	2.57	15/24	7.77	3.04
PEM61030	PEM65030	6.68	2.53	16/26	7.91	2.99
PEM61041	PEM65041	6.77	2.50	17/28	8.00	2.95
PEM61031	PEM65031	6.85	2.47	21/35	8.10	2.92
PEM61033Q	PEM65033A	6.94	2.44	16/27	8.20	2.88
PEM61031Q	PEM65031A	7.05	2.39	14/24	8.33	2.83
PEM61050	PEM65050	7.19	2.77	20/35	8.50	2.77
—	PEM65052	7.32	2.32	18/32	8.64	2.73
—	PEM65054	7.42	2.29	15/27	8.74	2.70

Rotor *PEMR810X11750*

Vented steel rotor is .810" thick x 11.750" O.D., with 8 x 7" bolt pattern.

DAYLube Nano Ceramic Lubricating Grease *PEMDAYLUBETUBE16OZ*

A must for REM or ISF finished wheel bearings, DAYLube is a high-performance lubricant that is engineered to provide exceptional performance, durability, and wear resistance. Special Nano Ceramic particles are fabricated over a calcium sulfonate thickener to provide continuous lubrication, while lowering the coefficient of friction at all temperatures. Sold in a 16-oz. tube.

PJ1

Fog Blocker *PJ125-4*

Specially formulated to prevent fogging on face shields, glasses, or goggles, even under extreme humidity. 4-oz. pump spray bottle.

Foam Air Filter Oil *PJ15-20*

Engineered to enhance the effectiveness of foam air filters. Easy application. Sold in 13-oz. aerosol can.

Filter Cleaner *PJ115-22*

Easy-to-use cleaner is compatible with fabric or foam air filters. Simply spray on and wash off. Sold in 13-oz. aerosol can.

Engine-Prep Assembly Lube *PJ1SP701*

Special blend of protective lubricants formulated to reduce internal friction. Eliminates damage at initial start-up in new and rebuilt engines. Also great for transmission overhauls and bearing replacements. 11-oz. net weight can.

Super Cleaner *PJ13-20*

Degreaser uses powerful solvents to blast grease and grime away. Dries quickly and leaves no residue. Sold in 13-oz. aerosol can.

PFC Racing Compounds

Performance Friction pads are used by many top short track racers. Select the PFC compound listed below that best suits requirements. All sets are completely race-ready pads requiring no bedding. All pads are boxed per axle set, four pads per box. All PFC compounds are painted black.

Compound	Description
13	High-friction, new-generation compound delivers the ultimate stopping power. Developed from the 01 compound with the added bonuses of increased bite and modulation, while offering superior disc conditioning and release characteristics for exceptional control. Compound works well with severe braking applications including heavy, fast, or high downforce cars. Wear is similar to 01 compound. Will operate at higher temperatures, if required, and has a high fade resistance. Pad additionally has shown to have the lowest taper wear in a properly designed race caliper.
14	Lighter, medium-distance friction compound combines the benefits of ultimate braking control and superior disc conditioning. Also developed from the 01 compound, pads offer lower cold bite and reduced wheel lock-up at the end of a stop. Higher thermal stability. Compound works well with medium to low-grip venues where control and modulation is at a premium.

Part No.	Description
Wilwood Dynalite, Outlaw 2000, Sierra Mini GN	
PFR7752.01.12.44	14 Compound, Race-Ready Set

Part No.	Description
Wilwood Dynalite Single, Outlaw 1000, Sierra Mini GN	
PFR7751.14.20.44	14 Compound, Race Ready Set

PFC Pad Part Number System

Pad Shape	Compound	Overall Thickness (mm)	04 - Standard Set, 4 Pads 44 - Race Ready, 4 Pads
WWW	XX	YY	ZZ
7752	01	12	44

Brake Rotors

PFC's brake rotors are made from superior alloys to resist cracking and are offered in smooth or slotted designs. Directional vanes control air flow and increase brake performance and durability. Advanced pattern on slotted rotor enhances pad bite and reduces thermal distortion. All rotors listed are 8-bolt with a 7" bolt circle.

Part No.	Description	PFC Pad Shape
PFR299.20.0045.01*	LH, 11-3/4" Dia. x .810" Thick	0052/7752/7754
PFR299.20.0045.02*	RH, 11-3/4" Dia. x .810" Thick	0052/7752/7754
**** Includes Rotor Bolt Kit***		

RH665 DOT 4 Racing Brake Fluid

A specially formulated synthetic brake fluid engineered specifically for racing applications and the associated high temperatures. Complex mixture provides exceptional viscosity, lubricity, compressibility, and a "rock hard" pedal at extreme temperatures with a very high boiling point, while also meeting stringent FMVSS 116 DOT 4 specifications. RH665 has the highest guaranteed minimum (ERBP) dry boiling point of any DOT 4 brake fluid, 617°F. Sold in 500ml bottles, or in cases.

Part No.	Description
PFR25.0037	500ml Bottle
PFR25.0038	Case of (12) 500ml Bottles

High-Strength Red Threadlocker

PEX27110 **NEW!**

For use with heavy-duty applications from 3/8" to 1" diameter. Well suited for permanently locking studs and press fits. 10 ml bottle.

500° High-Heat Epoxy

PEX84102 **NEW!**

This two-part epoxy is formulated to withstand high temperatures up to 500°F, similar to the temps found under the hood of many vehicles. Permanent strength up to 2500 psi. Sets in 10 minutes and cures in 2 hours. 25 ml syringe.

1-Minute Epoxy Gel

PEX84160 **NEW!**

General purpose 1-Minute Gel Epoxy provides the flexibility to reposition before the setting time. Permanent strength up to 2500 psi. Dries clear and no clamping required. 25 ml syringe.

Gear Oil RTV Sealant

PEX81182

Specially formulated to withstand harsh gear oil, special silicone has been tested to OEM specifications to ensure complete sealing. Sold in a 3-oz. tube.

Ground Shipment Only
On Many Permatex Products

Gasket Makers

Increased use of aluminum, bi-metal alloys, and high-tech plastics has created the need for superior RTV silicone gasket makers. Permatex offers carded tubes or cartridges.

Description	Part No.	Size (oz.)	Temperature
Carded			
Ultra Black	PEX82180	3.35	-65°F to 500°F
Ultra Blue No Leak	PEX81724	3.35	-65°F to 500°F
Ultra Copper Hi-Temp	PEX81878	3	-75°F to 700°F
Ultra Grey	PEX82194	3.5	-65°F to 500°F
Blue Sensor Safe	PEX81724	3	-65°F to 500°F
Clear	PEX80050	3	-75°F to 400°F
Black	PEX81158	3	-75°F to 400°F
Hi-Temp	PEX81630	3	-65°F to 650°F
Sensor Safe Hi-Temp	PEX81422	3	-65°F to 650°F
Cartridge			
Ultra Black	PEX24105	10.6	-65°F to 500°F
Ultra Grey	PEX82195	—	-65°F to 500°F
Clear	PEX80855	11	-75°F to 400°F
Hi-Temp	PEX81409	11	-65°F to 650°F

The Right Stuff Gasket Maker

Repair leaks quickly with The Right Stuff leak-proof gasket maker. Used on production lines by GM, Ford, and Chrysler, this product uses the latest in modern rubber gasket technology. Temperature range is -75° to 450°F.

Part No.	Description
PEX25223	4-oz. Tube
PEX25224	7-oz. Tube
PEX29208	5-oz. Cartridge
PEX33694	10-oz. Tube
PEX34310	10-oz. Tube, Grey
PEX85144	7.5-oz. Powerbead Pressurized Can, Grey

Copper Spray-A-Gasket *PEX80697*

Sealant helps dissipate heat, improves heat transfer and prevents gasket burnout. Seals minor surface imperfections instantly. Ideal for head, exhaust manifold, and carburetor gaskets. Temperature range -50° to 500°F. Sold in a 12-oz. aerosol can.

High-Performance Thread Sealant *PEX56521*

Formulated for tapered pipe fittings, sealant replaces PTFE tape or pipe dope. Works well on head bolts (that pass through water jackets), sending units, sensors, fuel fittings, oil and coolant lines, and rear axle fill plugs. 50 ml tube.

High-Temperature Thread Sealants

Sealant is used to lock and seal threaded fittings or bolts. Often used on head bolts (that enter water jackets), oil sending units, fuel fittings, rear axle plugs, brake and power steering fittings, etc.

Part No.	Description
PEX59214	6 ml Carded Tube
PEX59235	50 ml Carded Tube

Thread Sealant with PFTE

A general purpose sealant for fittings. Remains pliable at high or low temperatures. Effective from -65° to 300°F.

Part No.	Description
PEX80631	1-oz. Tube
PEX80632	4-oz. Can

Anti-Seize Lubricant

Blend of aluminum, copper, and graphite lubricants prevents galling, corrosion, and seizing for easier disassembly. Works well anywhere, including lubrication of slip-on collectors, adjustable header tubes, or any other exhaust tubing for easier disassembly. Effective from -60° to 1,200°F.

Part No.	Description
PEX80078	8-oz. Brush-Top Bottle
PEX81343	1-oz. Carded Tube

Ultra-Slick Engine Assembly Lube *PEX81950*

Ultra-Slick prevents galling and scuffing during critical initial engine start-up. Superior adhesion qualities meet or exceed stock performance specifications for engine assembly lubricant. Use on bearings, camshafts, lifters, valves, guides, and rocker shaft assemblies. 4-oz. bottle.

Threadlockers

Developed to positively lock and seal threaded fasteners. Threadlockers fill the space between threads on metal parts and then harden for a tough adhesive bond and seal.

Part No.	Description
Medium Strength Blue	
PEX24200	Carded 6 ml Tube
PEX24240	Carded 36 ml Bottle
PEX24300	Carded 10 ml Bottle
High-Strength Red	
PEX27100	Carded 6 ml Tube
PEX27140	Carded 36 ml Bottle
High-Temp/High-Strength Red	
PEX27200	Carded 10 ml Bottle

Liquid Electrical Tape *PEX85120*

Weatherproof protectant, designed to protect wiring and electrical connections, applies as a liquid and dries to a black vinyl polymer that resists moisture, dirt, and chemicals. Brush-top bottle allows application without gaps and provides access to tight spaces where tape or heat-shrink tubing may be impractical. Sold in a 4-oz. brush-top bottle.

Ground Shipment Only
On Many Permatex Products

Fast Orange Hand Cleaners

The #1 selling,biodegradable, waterless solvent-free hand cleaner. Contains no harsh chemicals, mineral oils, or ammonia that can irritate cuts and abrasions.

Part No.	Description
PEX25108	Fine Pumice Cleaner, 7.5-oz. Bottle
PEX25219	Low-Profile 1-Gallon Bottle with Pump

PEX25219

PermaPoxy *PEX84101*

Easy-to-use, 2-part epoxy bonds metal, fiberglass, rubber, plastic, etc. Sold in a .84-oz. carded syringe.

PENSKE RACING SHOCKS

High-Performance Suspension Fluid

PENAC-SYN-Q **NEW!**

Developed to meet the demanding requirements of modern high-performance suspension systems, specialized formula offers smooth, predictable damping on even the roughest tracks. Includes conditioners to keep seals pliable and extend their useful life. Sold in one-quart bottle.

Shock Bump Rubbers

Manufactured from micro-cell foam with ribbed wall thickness for progressive rate, shock bump rubbers are offered in four different densities: 28, 32, 38, and 47 grams. Bump rubbers are 2.00" O.D. x 2.375" tall x .060" I.D. and may be trimmed, if desired. Sold each.

Part No.	Description
PENBR-28	28 Grams, Red
PENBR-32	32 Grams, White
PENBR-38	38 Grams, Black
PENBR-47	47 Grams, Blue

Inflation Unit *PENTL-INFLATION*

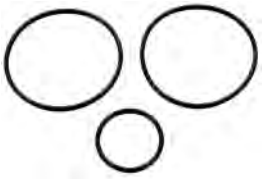
Designed for use with Penske 7150 series shock absorbers.

Peterson FLUID SYSTEMS

600 Series Rebuild Kits

PTR09-0689

For -8AN through -12AN filters. Includes (3) O-rings for methanol, oil, and leaded fuel.



600-Series Replacement Parts

For 600 Series stainless steel elemer

Part No.	Size
45 Micron - Gold/Red End Caps	
PTR09-0680	-6AN, -8AN,-10AN,-12AN
60 Micron - Gold/Black End Caps	
PTR09-0660	-6AN, -8AN,-10AN,-12AN
100 Micron - Gold/Purple End Caps	
PTR09-0699	-6AN, -8AN,-10AN,-12AN

600 Series Inline Fuel Filters

Lightweight, durable filters have reusable, pleated stainless steel screens and hardcoat-anodized bodies for compatibility with all fuels.

Part No.	Size
Standard - 2" O.D. x 5" Long	
60 Micron	
PTR09-0616	-6AN
PTR09-0617	-8AN
PTR09-0618	-10AN
PTR09-0619	-12AN
100 Micron	
PTR09-0623	-12AN
Ball Valve - 2" O.D. x 5" Long	
45 Micron	
PTR09-0603	-12AN
60 Micron	
PTR09-0609	-12AN
100 Micron	
PTR09-0625	-8AN
PTR09-0627	-12AN

PTR09-0616

PTR09-0603

Peterson FLUID SYSTEMS

400 Series In-Line Oil Filters

In-line oil filters have 25% more filter area than similar units and are available in 60- and 75-micron configurations for engine oil. 2-1/2" filter bodies are hard anodized. Filter mounting brackets are sold separately.

Part No.	Description
Inline Oil Filters	
PTR09-0438	-12AN Filter, 75 Micron Element, Without Bypass
PTR09-0439	-16AN Filter, 75 Micron Element, Without Bypass
PTR09-0452	-12AN Filter, 60 Micron Element, With Bypass
PTR09-0457	-10AN Filter, 60 Micron Element, Without Bypass
PTR09-0458	-12AN Filter, 60 Micron Element, Without Bypass
Filter Mounting Brackets (Sold In Pairs)	
PTR09-0492	Filter Mount Bracket, Fits 1-1/2" Dia. Tubing
PTR09-0493	Filter Mount Bracket, Fits 1-3/4" Dia. Tubing
PTR09-0494	Filter Mount Bracket, Firewall Mount
Replacement Element	
PTR09-0440	75 Micron Element, -8, -10, -12, -16AN Filters, Gold/Blue Endcaps
PTR09-0460	60 Micron Element, -8, -10, -12, -16AN Filters, Gold/Blue Endcaps

In-Tank Fuel Filters

Filters are race-proven by the World of Outlaws. Stainless pleated filters, available in straight and 90° styles, attach easily by slipping the pick-up hose over the 3/4" neck and securing with a clamp.

Part No.	Description
PTR09-1460	Straight, 60 Micron
PTR09-1461	90°, 60 Micron

Dry Sump Pan Filter

Billet aluminum filter bolts directly to the pan fitting. Screen protects dry sump pump from engine debris and can be inspected without removing pan. 2-1/4" long body.

Part No.	Description
PTR09-0404	Filter with -12AN Fitting
PTR09-0411	Replacement Screen

Scavenge Filters

PTR09-0405

Peterson's aluminum billet inline filters remove harmful debris from the oil before it reaches the pump. The free-flowing units have twice the filter area of dry sump pan screens.

Part No.	Description
Inline Scavenge Filters	
PTR09-0401	-8AN, Use on Lifter Valley Scavenge or with Rear End Pumps
PTR09-0402	-10AN, Use with Dry Sump Pan or Lifter Valley Scavenge Lines
PTR09-0403	-12AN, Use with Dry Sump Pan Lines
PTR09-0405	-16AN
Inline 90° Scavenge Filters	
PTR09-0406	-8AN, Use on Lifter Valley Scavenge or with Rear End Pumps
PTR09-0407	-10AN, Use with Dry Sump Pan or Lifter Valley Scavenge Lines
PTR09-0408	-12AN, Use on Dry Sump Pan
Replacement Screens	
PTR09-0411	Fits PTR09-0401, PTR09-0406

Y-Manifolds

PTR10-1041

When multiple oil lines need to be combined in a single high-flow line, the tubular or billet aluminum Y-manifolds get the job done.

Part No.	Description
Y-Manifolds	
PTR10-1033	Billet Aluminum, -10AN, -8AN, -8AN
PTR10-1721	Aluminum Tube, -12AN, -12AN, -12AN
PTR10-1725	Aluminum Tube, -16AN, -12AN, -12AN
PTR10-1735	Aluminum Tube, -16AN, -16AN, -16AN
4-Way Y-Manifold	
PTR10-1041	Billet Aluminum, -8AN, -6AN, -6AN, -6AN

Oil Filter Block-Off Plates

Oil filter plates facilitate the installation of wet and dry sump oil pressure lines to the stock oil filter pad. Plates are made from aluminum billet and include mounting hardware.

Part No.	Description
PTR09-0004	Chevy Bow-Tie Block with -12AN Fitting
PTR09-0020	Replacement Square O-Ring for 09-0001 through 09-0004

One-Way Valve Pop-Off *PTR08-0450*

Breather assembly is installed in valve cover on engine's running crankcase in vacuum condition. Valve seals engine from air entering engine, but opens in the event of crankcase pressure, allowing crankcase to vent. Includes -12AN bung to weld to aluminum valve cover.

Screw-In Breather *PTR08-0415*

Internally baffled breather has -12AN male threads to fit bung on Peterson dry sump tanks. May also be used on valve covers.

Dry Sump Oil Tanks

"New Generation" oil tanks are built with state-of-the-art components and internal baffling, which prevents oil aeration while helping to maintain a tall column of oil over the pick-up. Easily disassembled, tops can be rotated for easy placement of fittings. Brackets sold separately.

Part No.	Description
PTR08-0005*	2-Gal. Single Scavenge Inlet, 19-1/2"H x 6" Dia.
PTR08-0007*	2.5-Gal. Single Scavenge Inlet, 24"H x 6" Dia.
PTR08-0008*	2.5-Gal. Dual Scavenge Inlet, 24"H x 6" Dia.
PTR08-0009*	3-Gal. Single Scavenge Inlet, 16"H x 9" Dia.
PTR08-0011†	4-Gal. Single Scavenge Inlet, 19"H x 9" Dia.
PTR08-0110	Replacement O-Ring for 6" Dia. Tanks

**** Use mount bracket PTR08-0100.***
† Use mount bracket PTR08-0101.

Peterson FLUID SYSTEMS

Oil Pressure Gauge Fittings

Special fittings, designed by Karl Kinser, get the oil pressure gauge line up where it is more accessible. Fitting is 1/8" NPT on engine end, while the gauge connection is -4AN.

PTR15-1040

PTR15-1041

Part No.	Description
PTR15-1040	90°
PTR15-1041	Straight

Fuel Regulator Fittings

Machined from aluminum and anodized, fittings have large bores and are radiused on the inlet sides for optimum flow.

Part No.	Description
PTR15-1002	-10AN x -8AN Port
PTR15-1004	-8AN x -8AN Port

Dry Sump Oil Tank Mounting Brackets

Mounting brackets are machined from billet aluminum and include EPDM rubber-lined stainless steel straps. Sold in pairs.

Part No.	Description
PTR08-0100	For 6" Dia. Tanks
PTR08-0101	For 9" Dia. Tanks

Dry Sump Tank Fittings

Anodized aluminum fittings complete the installation of any Peterson dry sump tank.

Part No.	Description
PTR08-0501	-10AN Hose x -12AN Port
PTR08-0502	-12AN Hose x -12AN Port
PTR08-0503	-16AN Hose x -12AN Port
PTR08-0504	-6AN Port Plug (Tank Drain)
PTR08-0505	-12AN Port Plug (Tank Drain)
PTR08-0506	O-Ring Kit, -12AN (5 Per Pack)

Remote Oil Filter Mounts

Manufactured from billet 6061-T6 aluminum for rigidity, remote mounts are offered to accept popular oil filters. Mounts include -12AN inlet and outlet ports, and a 1/8" NPT gauge port. Sold complete with fittings.

Part No.	Description
PTR09-1301	Accepts 13/16" Thread Chevrolet Filter, -10AN Fittings
PTR09-1302	Accepts 13/16" Thread Chevrolet Filter, -12AN Fittings
PTR09-1312	Accepts 3/4" Thread Ford Filter, -12AN Fittings

Lightweight Cap and Bung Assembly

PTR08-0611

Billet aluminum 1-7/16" cap and bung assembly is ideal when fabricating custom tanks. Cap is red anodized.

In-Line Ball Valves

CNC-machined from billet aluminum, then anodized for durability, Peterson's in-line-mounted ball valves have PTFE seals and hard-coated aluminum balls and bodies for long life and resistance to corrosion from racing fuel. Valves are available with small bodies in -6AN and -8AN sizes and large bodies in -10AN and -12AN sizes. A panel-mounted ball valve (-6AN) is also available and is ideal for use as a dash-mounted fuel shut-off.

Part No.	Description
PTR09-0900	Small Body Valve -6AN
PTR09-0910	Panel Mount Ball Valve -6AN Male Fittings
PTR09-0923	Ball Valve, -8AN Male to -8AN Female
PTR09-0960	Large Body Valve -12AN x -12AN

PTFE Engine Seals

Hard-to-find PTFE engine seals assure maximum vacuum levels for engines with dry sump oil systems. Seals are manufactured by TKO Competition Development.

Part No.	Description
PTRSM86410	Rear Main Seal, SB Chevy 400
PTRSM86586	Jesel Front Cover, Chevy Cam Seal
PTRSM86625	Rear Main Seal, SB Chevy 350
PTRSM86990	Front Crank Seal, SB Chevy

SB Chevy Manifold End Rail Spacer Sets

Fill the gap between the manifold and the lifter valley end rails when using raised port cylinder heads on small block Chevy engines. Sold in pairs, spacers include four 3/16" roll pins for retention. Drilling of the block is required for installation.

Part No.	Description
PTR09-1060	1/8"" Thick
PTR09-1061	.187" Thick
PTR09-1062	.250" Thick
PTR09-1063	.375" Thick

Oil Tank Heaters

Pre-heating of dry or wet sump systems on a race engine ensures good lubrication upon initial start-up. Immersion-style heater does a great job of pre-heating and only requires welding a threaded bung into the tank. Wrap-around styles can be glued to the outside of the tank or pan.

Part No.	Description
PTR08-0300	300-Watt Immersion Style, 110 Volt with Detachable Cord Set, Steel and Aluminum 1/2" NPT Weld Bungs
PTR08-0302	400-Watt Wrap-Around Pad, 4" x 10", 110 Volt with Detachable Cord Set, Attaches with High-Temp RTV Silicone

PENNGRADE®
HIGH PERFORMANCE OIL

The Original Green Oil.

Synthetic Blend High-Performance Oils

PennGrade 1® high-performance oils are formulated with strong detergents, dispersants, and ZDDP anti-wear additives to protect critical engine parts from deposits in highly stressed engines. Over the life of your engine, PennGrade high-performance oils reduce internal friction, increase horsepower, and provide excellent wear protection.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
5W-30 Racing Oil	BP071096	BP071096-12
10W30 Racing Oil	BP071506	BP071506-12
10W-40 Racing Oil	BP071446	BP071446-12
15W-40 Racing Oil	BP071586	BP071586-12
20W50 Racing Oil	BP071196	BP071196-12

Straight Grade High-Performance Oils

Formulated using high-quality, premium base stocks and select additive technologies to meet stringent lubricating demands of high-performance, highly stressed street and racing engines. Sold in one-quart bottles or cases of 12 quarts.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
30W Racing Oil	BP071396	BP071396-12
40W Racing Oil	BP071406	BP071406-12
50W Racing Oil	BP071156	BP071156-12

Full-Synthetic Motor Oils NEW!

A full-synthetic motor oil engineered for gasoline engines that delivers improved performance and fuel economy. Lubricant offers increased drain intervals and improved engine longevity. Sold in one-quart bottles, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
0W-20	BP062816	BP062816-12
5W-20	BP062826	BP062826-12
5W-30	BP062836	BP062836-12

Select Premium Motor Oils NEW!

A full-synthetic motor oil specially formulated to meet or exceed the requirements of today's toughest vehicle standards. High-performance synthetic base oils are enhanced with a special, synergistic additive system. Sold in one-quart bottles, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
0W-20	BP061526	—
5W-30	BP061516	BP061516-12

Synthetic Blend Motor Oils NEW!

Quality, synthetic blend motor oil is well suited to a wide range of gasoline-powered passenger vehicles. Lubricant delivers exceptional engine protection and incorporates a specialized additive system to increase engine longevity. Sold in one-quart bottles, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
5W-20	BP062716	BP062716-12
5W-30	BP062726	BP062726-12
10W-30	BP062736	BP062736-12

Break-In Oil

Mono-grade SAE 30W oil meets the critical lubrication needs of new engines during the "break-in" period with lubrication during initial cam/lifter break-in and ring seating. Enhanced levels of ZDDP (zinc dialkyldithiophosphate) provide exception film strength and anti-wear/anti-scuffing protection. Sold in one-quart bottles or cases of 12 quarts.

1-qt. Bottle	Case of (12) 1-qt. Bottles
BP071206	BP071206-12

PENNGRADE®
HIGH PERFORMANCE OIL

The Original Green Oil.

Reliant Premium Diesel Engine Oils NEW!

Synthetic blend engine oil is engineered to deliver unsurpassed diesel engine protection. Oil features enhanced resistance to oil breakdown to maximize drain intervals, while providing improved engine durability and longevity. Sold in one-gallon jugs, or in cases.

Description	1-Gallon Jug	Case of (4) 1-Gallon Jugs
10W-30	BP052204	—
15W-40	BP052004	BP052004-4

AutoTrans G-3 Fluid NEW!

AutoTrans G-3™ is an automatic transmission fluid (ATF) that meets on-highway performance requirements for Dexron® III H, Allison Type C-4 and Ford Mercon®. It offers excellent corrosion resistance to all types of metals used in transmissions and hydraulic systems, plus provides superior friction retention and thermal and oxidation stability. Sold in one-quart bottles, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
G3, Meets Dexron VI, Allison Type C4 & Ford Mercon	BP054506	BP054506-12
Super Plus, High Viscosity Full Synthetic	BP054566	—
Super LV, Low Viscosity Full Synthetic	BP054586	—

Full Synthetic 75W-90 Hypoid Gear Lubricant

For manual transmissions and hypoid differentials, 100% synthetic lubricant is used when SAE 75W, SAE 80W-90, or SAE 90W is recommended. Sold in one-quart bottles, or in cases.

1-qt. Bottle	Case of (12) 1-qt. Bottle
BP077666	BP077666-12

Limited Slip GL-5 80W-90 Gear Oil *BPO77326-12*

A specially developed friction modifier lubricant engineered for clutch-type, limited slip differentials that require a SAE GL-5 80W, 90W or 80W-90 lubricant. Ideal for use in Chevrolet Posi-Traction, Ford Traction-Lok, Chrysler Sure Grip, and similar differentials. Offered in cases of 12 quarts only.

Classic GL-4 80W-90 Gear Oil

Multi-purpose Classic gear oil is specially blended with high-quality premium mineral base stocks and a proprietary additive package. Lubricant is suited to a wide variety of manual transmissions, transaxles, and differentials. Sold in one-quart bottles, or in cases. ***Note: Not recommended for use in limited slip applications or for applications requiring a API GL-5 lubricant.***

1-qt. Bottle	Case of (12) 1-qt. Bottles
BP077296	BP077296-12

Titan Blue Grease *BPO12267T* NEW!

A premium lithium NLGI #2 grease that is specifically engineered for extreme conditions. Ideal where high shock loads and high temperatures are commonly encountered. Sold in 14-oz. cartridge.

Magnaplex Grease *BPO12727T* NEW!

Magnaplex is a conventional lithium complex NLGI #2 grease. Sold in 14-oz. cartridge.

PHOENIX SYSTEMS®

Patented Tools For The Perfect Brake Job

MaxProHD Reverse Brake Bleeder

PHS2002HD-B

New and improved, the MaxProHD Reverse Brake Bleeder allows performing one-person brake service. System functions by removing trapped air in the brake system by pushing it up and out the master cylinder for a firm pedal. Die-cast steel and aluminum-bodied unit features an improved check valve system and spring tension adjustment, while optimized hydraulic ratios provide smooth operation with minimal hand force. Sold complete with required tubing, adapters, and user's manual.

V12 Reverse Brake Bleeder

PHS2003-B

The V12 reverse brake bleeding system is designed for light-duty professional use. Reverse brake bleeder is manufactured from Zytel nylon that resembles the strength of steel. Rebuildable unit offers a virtual lifetime of use. Sold complete with required tubing, adapters, and user's manual.

V5 DIY Reverse Brake Bleeder *PHS2104-B*

Economical, yet powerful reverse brake bleeding system is designed for the do-it-yourselfer. System handles all bleeding operations in a small package. Sold complete with required tubing, adapters, and user's manual.

PIONEER

Automotive Industries LLC

Aerosol Engine Enamels

Engine enamels dry quickly to a tough, durable finish that resists blistering and peeling. Choose from a variety of colors.

Ground Shipment Only

Part No.	Color
PIOT-10-A	Chevy Orange
PIOT-26-A	Universal Black
PIOT-52-A	Red Oxide Primer
PIOT-54-A	Flat Black
PIOT-58-A	Cast Iron Gray
PIOT-59-A	Clear
PIOT-60-A	Universal Gray
PIOT-61-A	Low-Gloss Black
PIOT-62-A	High-Heat Aluminum
PIOT-64-A	Black Primer

Freeze Plug Kits

Skin-pack cards contain all freeze and pipe plugs necessary for a short block. Available in traditional steel or brass.

Application	Steel	Brass	Non-Carded Steel
SB Chevy 262-350	PIOPE100	PIOPE100B	PIOPE100R
SB Chevy 400	PIOPE101	PIOPE101B	—
SB Ford 289-351W	PIOPE108	PIOPE108B	—

Small Block Chevy SFI-Approved Race Balancer *PIO872021*

6.25" diameter balancer is designed for internally-balanced small block Chevy engines. Tested and proven to 12,500 RPM, balancer meets stringent SFI 18.1 specifications. Race-series balancer includes a CNC-machined AUSI 1045 steel center and steel inertia ring that uses bonded rubber to prevent any possibility of spinning. Balancer weighs just 6 lbs. and features computer-etched timing marks for precise timing adjustments.

Cylinder Head Dowel Pin Kits

Each kit includes four dowel pins.

Part No.	Description
PIOS-1110	SB Chevy 265-400
PIOS-1112	SB Ford 221-351W

Trailer Door Cabinets

Cabinets are heli-arc welded from .090" aluminum for lasting strength and durability. Each cabinet includes a fold-down table for added work space, paper towel holder, and enough shelving to hold aerosol cans, oil containers, cleaners, etc.

Part No.	Description
PIT320	Door Cabinet, 30"H x 25"W x 5-1/2"D
PIT321	Jr. Door Cabinet, 19-1/2"H x 12"W x 4-1/2"D
PIT323	Medium Door Cabinet, 32"H x 19-1/2"W x 6-3/4"D

25th Anniversary Edition Trailer Door Cabinet *PIT320A*

Similar to Pit Pal's original trailer door cabinet with wider and deeper shelves to store up to 20 qts. of oil. Aluminum cabinet is 27"W x 32"H x 6-3/4"D with two paper towel holders and a top shelf that holds up to nine aerosol cans.

Oil Storage Cabinet *PIT310*

Store up to eight aerosol cans on the top shelf and as many as 29 quarts of oil or filters on the lower shelves. Dimensions: 24-1/2"H x 36"W x 5-1/2"D.

Junior Oil Cabinet *PIT313*

Smaller, heavy-duty .090" aluminum cabinet unit neatly stores 12 quarts of oil and is a great way to help organize the home, garage, or shop. Dimensions: 16"H x 16"W x 5-1/2"D.

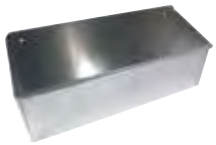
24-Qt. Oil Cabinet *PIT329*

Similar to the Junior Oil Cabinet, but larger. Two-shelf cabinet is 30"W x 16"H x 6"D and holds quarts of oil or pump spray bottles.

Oil Storage Shelf *PIT312*

Keep oil handy and neatly stored. Lightweight aluminum shelf measures 60"W x 5-1/2"D, and holds up to 24 quarts of oil.

All-Purpose Bottle Shelves



Store miscellaneous spray bottles for easy access.

Part No.	Description
PIT110	4-Container, 10"W x 5"D
PIT111	6-Container, 14-1/2"W x 5"D

Aerosol Spray Can Shelves

Strong .090" aluminum shelves fit anywhere for convenience. Choose from horizontal or vertical storage shelves.

Part No.	Description
PIT100	8-Can Horizontal Rack, 21-1/2"W x 2-3/4"D
PIT101	12-Can Horizontal Rack, 32-1/2"W x 2-3/4"D
PITV98	6-Can Vertical Rack, 32"H x 4"W x 5-1/4"D
PITV99	12-Can Side-by-Side Rack, 32"H x 7-3/4"W x 5-1/4"D

Fire Extinguisher Holders

Custom-fit cabinets store 2 or 10 lb. fire extinguishers, providing ready access. Mounts to wall of trailer, garage, etc.

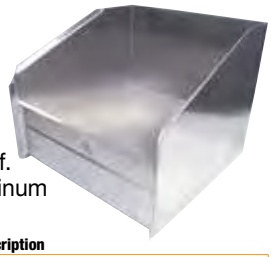
Part No.	Description
PIT353	10-lb., 11"H x 9"W x 6"D
PIT452	2-lb., 11"H x 3-7/8"W x 3-7/8"D

Trailer Fuel Jug Racks

Heli-arc welded .090" aluminum racks mount easily on trailer floor or wall. Racks will hold round or square fuel jugs safely and securely inside trailer.

Part No.	Description
PIT181	2-Jug Rack, 23"L x 12"D x 13"H
PIT182	3-Jug Rack, 34-1/2"L x 12"D x 13"H
PIT183	4-Jug Rack, 46"L x 12"D x 13"H

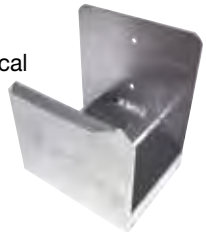
Helmet Shelves



Store helmet, neck brace, gloves, ear protectors, and related items, and hang up to eight uniforms beneath shelf. Shelves are fabricated from .090" aluminum for maximum strength.

Part No.	Description
PIT330	1-Bay Helmet Shelf, 14-1/2"L x 12"H x 15"D
PIT331	2-Bay Helmet Shelf, 28-1/2"L x 12"H x 15"D

Hanging Brackets

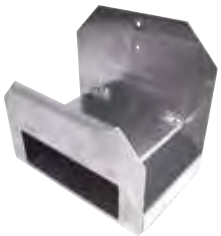


Hanging brackets store all hoses and electrical cords neatly. Gives shop or trailer a professional look.

Part No.	Description
PIT220	Electrical Cord Bracket
PIT221	Air Hose Bracket

Deluxe Air Bracket *PIT223*

Great for storing air hose, chuck, air gauge, small tools, etc.



Tie-Down Hangers

Store ratchet tie-downs neatly on trailer wall and create more floor space at the same time. Small bracket stores two ratchet tie downs, large bracket can store several. Fabricated from .090" aluminum for durability.

Part No.	Description
PIT217	Single Small Bracket, 8"L x 3-1/4"D
PIT218	Single Large Bracket, 18"L x 3-1/4"D
PIT222	Two Small Brackets, 8"L x 3-1/4"D

Paper Towel Holder *PIT226*

Enjoy easy access to paper towels.

Universal Hanger *PIT170*

Keep helmet, driving jacket, and gear handy. Hanger is 3-1/2"W x 4"H x 2-1/2"D.

Nitrogen Bottle Storage Brackets

Brackets firmly fasten to studs in trailer walls to keep nitrogen bottles safe and secure. Holes are drilled on 16" centers to line up with the studs. Sold per pair, brackets are offered for 7" or 9" dia. nitrogen bottles.

Part No.	Description
PIT257	9" Dia.
PIT357	7" Dia.

Gauge Pouch *PIT228*

Secures tire gauges up to 4-1/8" dia.

Flashlight Not Included

D Cell Flashlight Holder *PIT216*

Handy, .090" thick aluminum holder secures any "D" cell flashlight to tool boxes, trailer walls, etc.

Push Broom Holder *PIT651*

Large-size holder secures push brooms, keeping trailer organized and broom off of floor.

Jack Not Included

Jack in a Pouch *PIT194*

Wall-mounted pouch keeps pit jack contained during transport and frees up floor space. TIG-welded aluminum, .090" thick pouch is 17-1/2"W x 24-1/4"H x 5-1/16"D.

Floor Jack Mounts *PIT190*

Mounts keep jack secure for the long haul. Drop jack in between angles and position front wheels in semi-circular front shells. The jack will remain in place during sudden stops, starts, and tight corners.

Shock Racks

Store spare shock absorbers neatly. Several versions available.

Part No.	Description
Two-Piece Shock Racks	
PIT136	Holds (8) Shocks w/Coil-Over Springs, 33"W x 4-5/8"H x 3"D
PIT1037*	Holds (12) Shocks, 33"W x 4-1/2"H x 2-3/4"D
Small 5-1/2" Genesis Shock Rack	
PIT1040	Holds (8) Shocks, 25"W x 3"H x 3-3/4"D, Fits Bulb Shocks
Big 9" Genesis Shock Rack	
PIT1041	Holds (8) Shocks, 25"W x 7"H x 3-3/4"D, Fits Bulb Shocks

**** Will not hold shocks with coil-over springs.***

Torsion Bar Rack *PIT134*

The only way to store torsion bars while hauler is in transit. Drilled on 16" centers to line up with trailer wall studs, unique rack can hold up to 12 bars.

Adjustable Tire Rack *PIT295*

Unique heavy-duty steel rack mounts on 16" centers and adjusts from 18" to 26" for different tire diameters. Quickly unfolds from the wall and adjusts to full length. Removable lock pins allow easy storage.

Kart Tire Rack *PIT389*

Three-tier tire rack secures 11" diameter Kart or Quarter Midget tires during transport. Tire rack is constructed using 1/8"" thick aluminum side plates and zinc-plated rigid steel tubing that is powder coated for added corrosion resistance. Rack is 13" deep and features a telescoping, 32" to 48" length.

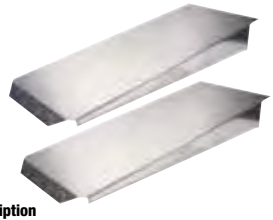
Gear Storage Racks

PIT139

Heavy-duty aluminum racks are designed to store and organize quick-change gear sets. Three versions available.

Part No.	Description
PIT139	Double Gear Storage Rack, Holds (24) Sets, 17-1/2"W x 22"H x 4-1/4"D
PIT143	Horizontal Gear Storage Rack, Holds (12) Sets, 20-1/2"W x 22"H x 7"D
PIT144	Vertical Gear Storage Rack, Holds (12) Sets, 24"W x 9-3/4"H x 7"D

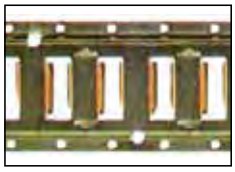
Dual Extension Ramps



Helpful when loading or unloading low-slung race cars. Ramps are 14" wide, and fabricated from 1/8"" thick aluminum with TIG-welded reinforcing ribs, heavy hinges, and rivets. Flip up for easy transportation. Sold in pairs.

Part No.	Description
PIT699	14"W x 36"L x 4"H Extension Ramps
PIT702	14"W x 72"L x 4"H Extension Ramps

E-Track *PITETH-1*

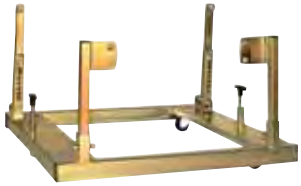


An ideal horizontal attachment point on floors, walls or ceilings. Zinc-plated steel E-Track is 5' long.

Track Strap *PIT74118*

Track strap is 2" wide x 6" long, with a 1,000-lb. rating. Typically used with Pit Pal's E-Track or A-Track to adapt as a tie-down hanger or to secure other cargo.

Pro Stand Engine Cradle *PIT162*



Heavy-duty tubular steel engine cradle provides a professional method of securing engines during transport. Designed to accept a small or big block Chevy engine with motor plate and all accessories, cradle includes dual-wheel casters and spring-loaded 1/2" locking pins to secure stand and prevent movement during transport. May be collapsed for easy storage.

Wheel Chocks *PIT277*

Rigid, box-welded aluminum wheel chocks keep front or rear tires secure during travel, while helping position car in trailer. Built-in handles aid carrying.

Trailer Step *PIT490*

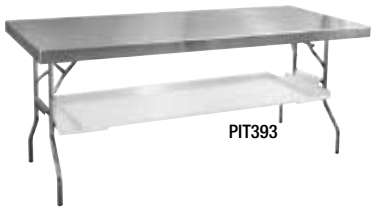
Rugged, 42" wide trailer step, designed for 48" wide doors, may be flipped up and out of the way, or removed using included hinge pins. Step is fabricated from heavy-wall 2" x 2" aluminum tubing and wrapped with 1/8" bright tread plate.

Engine Sling *PIT201*

Perform quick engine changes. Simply hook the engine sling to engine puller and attach the four straps to header studs or exhaust bolt holes. Corrosion-resistant, plated 28" wide engine sling includes (4) royal blue 22" long polyester straps.

Small Aluminum Work Table

PIT156



PIT393

Among the most durable aluminum tables currently available, unit weighs just 36 lbs., yet has a 1,000-lb. capacity. Manufactured from 1/8"" aluminum, table includes tubular steel locking legs that fold flat for storage. Table is 42"W x 25"D x 31"H when open. Optional 32"L x 21"W lower storage shelf further increases table space.

Part No.	Description
PIT156	Small Aluminum Work Table
PIT393	Optional Lower Storage Shelf for PIT156

Tire Groover Holder *PIT480* NEW!

Specially fabricated aluminum shelf provides handy storage for a tire groover. Ideal for mounting to a trailer or shop wall.

1" Hex-Head Self-Tapping Screws *PITSCR* NEW!

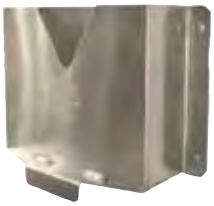
Self-tapping screws ease the installation of Pit Pal Products to trailer walls. Pack of 20.

Cell Phone Holder *PIT555*

Compact holder secures cell phone to wall of trailer, garage, etc. Holder is 4-1/4"W x 3/4"D x 6-3/4"H.

Tire Grinder Holder *PIT407*

Conveniently stores tire grinder, keeping it vertical and resting on the axle thus preventing dust from collecting on the face. Holder is 20-1/2"W x 22"H x 7"D.



Intercomp Air Pressure Gauge Holder *PIT622*

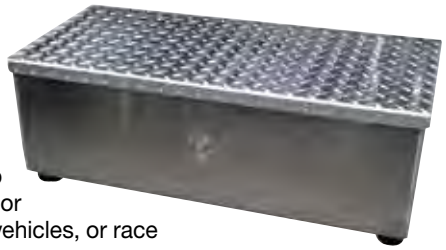
Designed to secure Intercomp air pressure gauge conveniently to garage or trailer wall. Holder is 3-5/8"W x 4"H x 2-1/4"D.

Standard Broom Holder *PIT650*

Keep broom stored securely and conveniently in garage or trailer. Mounting bracket is 4-1/2"W x 5-3/4"H x 2-1/4"D.

Portable Aluminum Step *PIT496*

Lightweight and portable, 30"W x 16"D (base) x 12"L x 30-3/4"W (top) x 10"H aluminum step may be used to aid entry into trailers. Also helpful when washing or detailing trailers, tow vehicles, or race cars on jack stands.



Pro Head 100cc x .2cc Kit *POW351150*

Kits include everything needed to CC combustion chambers and intake and exhaust runners. Glass burets are compatible with alcohol, parts washer solvent, or any other suitable fluid and are marked off in .2cc increments for easy reading.

Pro Connecting Rod Vise *POW351180*

Anodized aluminum connecting rod vise secures aluminum or steel rods when work is being performed. Adjustable quick-release latch allows quickly securing or releasing rods from fixture. Built-in guide pins allow mounting in a bench vise, if desired.

Connecting Rod Guide *POW101295*

Rod bolt guide tool, rubber, capscrew adapters included.

Cartridge Roll Assortment

Powerhouse offers a wide variety of straight cartridge rolls. Ideal for cylinder head or intake manifold porting, cartridge rolls are 3/8" diameter x 1-1/2" long and fit 1/4" mandrels.

Part No.	Description
POW351476	40-Grit Cartridge Rolls, 50-Pack
POW351480	60-Grit Cartridge Rolls, 50-Pack
POW351485	80-Grit Cartridge Rolls, 50-Pack
POW351490	100-Grit Cartridge Rolls, 50-Pack
POW351495	120-Grit Cartridge Rolls, 50-Pack
POW351504	4" Long x 1/4" Porting Mandrel
POW351506	6" Long x 1/4" Porting Mandrel
POW351508	8" Long x 1/4" Porting Mandrel

Cross Buffs

Well-suited for polishing cylinder heads, manifolds, etc. Offered in medium or fine-grade, cross buffs are sold in packs of ten. Recommended for use with POW351920 mandrel.

Part No.	Description
Cross Buffs	
POW351902	3/4" Medium, 10-Pack
POW351903	3/4" Fine, 10-Pack
POW351910	1-1/2" Medium, 10-Pack
Cross Buff Mandrel	
POW351920	Includes Inserts for 3/4", 1", and 1-1/2" Cross Buffs

Solid Carbide Burrs

Suitable for a variety of machining functions, solid carbide burrs are offered in 3/8" or 1/2" diameter oval designs and include a 6" long double-cut, 1/4" diameter shank. Double-cut burrs are general purpose, for use with iron or aluminum.

POW353606

POW355606

Part No.	Description
POW353606	3/8" Oval with 6" Double-Cut Shank
POW355606	1/2" Oval with 6" Double-Cut Shank

Pro Spark Plug Viewer
POW301080

View and read spark plugs easily. Lighted viewer features 10X power magnification for easy spark plug inspection. Powered by two "C" batteries (not included).

Outside Micrometer Set
POW152006

High-quality outside micrometer set allows precise measuring of crankshafts, piston skirts, piston pins, valves, etc. Affordable for the beginning racer or engine builder, six-piece set includes 0-1", 1"-2", 2"-3", 3"-4", 4"-5", and 5"-6" micrometers that measure to .0001". Sold complete with fitted wooden case.

5/8" Spark Plug Socket
POW301150

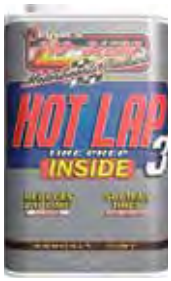
High-quality, fully CNC-machined stainless steel socket is designed to access virtually any cylinder head/exhaust header combination.

Ground Shipment Only
On All Pro-Blend Products

Hot Lap 101 *PRB4000*

Especially formulated to soften tires and create bite. Hot Lap 101 works on asphalt and dirt tires, and can help natural and synthetic rubber tires resist blistering, run 10-15°F cooler, yet still stick to the track surface. Detectable. One-gallon can.

Hot Lap 3 *PRB3030HL*



Reduce lap times by as much as .5 second by putting one ounce per inch of tread width of Hot Lap 3 inside the tire. Cold roll for the times specified for a particular type of track surface and let stand for 48 hours before a race. Product is "Sniffer-Proof" and will definitely cause a drop in the durometer reading. 32-oz. can.

Hot Lap Victory Lane *PRB5000*
SUPER QUICK UP TO 50 LAPS

Similar to Hot Lap II but lasts longer and is detectable. Use on asphalt or dirt. One-gallon can.

Hot Lap Pro Bite *PRB8000Q*

Intended for use at the track, Hot Lap Pro Bite dramatically increases tire grip. During the week, treat the tires with Hop Lap II; after arriving at the track, wipe the tires with 2-3 coats of Pro Bite. Proceed to make practice laps and determine if more product is needed to get the desired grip. Works best on dry, slick tracks. Sold in 32-oz. can.

Hot Lap II *PRB6000TS*
SUPER QUICK FOR 25 LAPS

Works on asphalt or dirt. Tires run 18-22°F cooler and last up to 50% longer. Hot Lap II is designed for races with 25 laps or less. Extends tire life and is undetectable. One-gallon can.

Quik Lap *PRB7032LMT*
LAST MINUTE TREATMENT

Apply to tires the day of the race. Reduces lap time 1-3 tenths and maintains durometer for the first 25 laps. Use on asphalt or dirt. Undetectable. 30-oz. can.

Ground Shipment Only
On All Pro-Blend Products

Tire Cleaner *PRB7050*

RACING TIRE CLEANER

Removes the glaze on sticker tires and opens the pores to ready tire for Hot Lap treatment. 30-oz. can.

40 Below *PRB4032*

STOPS OVERHEATING

Reduces water temperature up to 40°F. Keeps temperature under control while drafting, racing, sitting in the pits, in traffic, cruising, towing, climbing, or running with restricted air flow. 32-oz. jug.

Alcohol Fuel Lube *PRB8400*

LUBRICATES ENTIRE FUEL SYSTEM

Blends with alcohol or nitromethane to lubricate the entire fuel system. Add 16-oz. to 50 gallons. 16-oz. jug.

Engine Racing Concentrate *PRB1600*

A MUST FOR ALL PERFORMANCE ENGINES

Cools oil up to 52°F and eliminates oil starvation, bearing failure, piston scuffing, galling, bluing, metal transfer, valve train drag, and foaming. Also helps control condensation in gasoline or alcohol engines. 16-oz. jug.

Pro-Tuff Gear Lube *PRB8398*

ELIMINATES RING AND PINION FAILURE

Reduces gear lube temperature up to 60°F. Triples gear life in transmissions, rear ends, and transaxles, and stops bluing and galling. Absorbs shock and loading. 16-oz. jug.

Wireless Vehicle Scale System *PFM67644*

No cables to connect or trip over. Completely wireless system offers individual wheel weights, percentages, and total vehicle weight with accuracy to 1/10 of 1%. System is powered by (4) AA batteries and includes a large, easy-to-read LCD display with extra-large characters. Sold complete with (4) lightweight, die-cast aluminum 15" x 15", 1,750-lb. capacity scale pads with stud -mounted self-stabilizing feet, batteries, and durable carrying case with wheels.

Locking Header Bolts

Special grade 8 bolts put an end to loose header bolts without the hassle associated with locking pins or clips. Header bolts and washers feature super-hardened, externally serrated teeth that literally bite into both the bottom of the bolt head and the header flange, preventing the possibility of loosening. Bolts may be loosened with a wrench, lubricated, and reused. ***Note: 3/4" long bolts are most often used for cast iron heads, 1" long are recommended for aluminum heads.***

Part No.	Description
Header Bolts	
PFM66751	3/8" x 3/4" Long, 12 Pieces
PFM66752	3/8" x 3/4" Long, 16 Pieces
Universal Application	
PFM66756	Black Oxide 1" Long x 3/8" Thread. 16 Pieces

Stud Boss Cutter Tool *PFM67568*

This cutting tool makes quick work of factory head bosses. Includes guide tip that fits into stud hole.

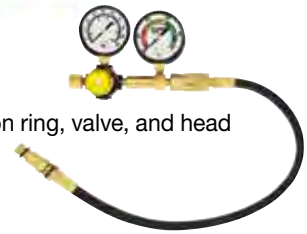
Vehicle Scale System *PFM67650*

Economical scale system provides individual wheel weights, percentages, and total vehicle weight with accuracy to 1/10 of 1%. Unit includes backlit display with oversized characters for exceptional readability, is powered by (4) AA batteries, and has a total system capacity of 5,000 lbs. System is complete with (4) 14-1/2" x 9-1/2" x 2-1/2" 1,250-lb. capacity scale pads, 20' cables, batteries, and durable carrying case.

Digital Gas Can Scale *PFM67646*

This battery-powered digital scale with 400-lb. capacity features a hand-held LCD monitor to display fuel can weights with 0.1-lb. accuracy. Kit includes hard-shell carrying case.

Dual Gauge Leakdown Tester *PFM66839*



Tester may be used to check piston ring, valve, and head gasket seal. Includes flex hose and spark plug adapters.

Valve Lash Wrench Sets

T-handle Allen wrench and adjuster wrench. Simplify valve lash adjustment, and cut adjustment time in half.

Part No.	Description
PFM66778	1/2" Adjuster, 3/16" and 1/8" T-Handle Allen Wrenches
PFM66779	7/16" Adjuster, 1/8" T-Handle Allen Wrench
PFM66780	9/16" Adjuster, 3/16" and 7/32" T-Handle Allen Wrenches
PFM66781	5/8" Adjuster, 3/16" and 7/32" T-Handle Allen Wrenches

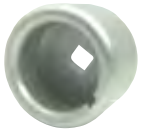
Socket Assist *PFM67575*

Speeds up work with low-clearance bolts, such as spark plugs, header or intake manifold bolts. Patented tool is used with a 12-point box wrench or socket. Three-piece set includes 1/4" x 1/4", 1/4" x 3/8", and 3/8" x 3/8".

"No-Mess" Funnel *PFM68068*

Patented, ball-n-hook design shuts off flow and retains excess fluid to prevent spillage or overfilling.

Crankshaft Turning Sockets



For use with a 1/2" ratchet or breaker bar, provides an easy way to rotate the crankshaft during engine assembly.

Part No.	Description
SB Chevy, V6, I-6, GM 4-Cylinder	
PFM66901	1.255" I.D., 3/16" Keyway
PFM67491	3/16" Keyway, Attaches to Degree Wheel

Universal Camshaft Degreeing Kit *PFM66787*

All-in-one kit includes the tools required to properly degree a camshaft with the cylinder heads installed. May also be used to check lobe lift, valve lift, etc. Kit includes 9" degree wheel, pointer, dial indicator and stand, two valve checking springs, 14mm TDC locator, and instructions. Select tools are also offered separately.

Part No.	Description
PFM66791	9" Camshaft Degree Wheel
PFM66792	TDC Locator
PFM66797	Magnetic Deck Bridge
PFM66830	Camshaft Checking Fixture

Harmonic Balancer Installation Tool *PFM66522*

Fits numerous Buick, Ford, Oldsmobile, and Pontiac engines.

Four-Piece Aluminum AN Wrench Set *PFM66988*

Billet aluminum wrenches allow tightening or loosening aluminum AN fittings without damage. Color-coded, -6, -8, -10, and -12 wrenches are sold complete with nylon zipper-pouch storage bag.

Engine Rotator *PFM66782*

Bolts directly to harmonic balancer for easy crankshaft rotation during engine assembly. Fits Chevy or Ford V8.

Harmonic Balancer Installation Tool *PFM66515*

Makes balancer installation simple and effective. Works with most domestic V-8's.

Valve Spring Height Micrometer *PFM66902*

Measure valve spring height accurately on an assembled engine. Install the micrometer in place of valve spring and rotate the tool until the valve, retainer, and locks are tight. Tool has a range of 1.600" to 2.100" and works with most V8s.

Digital Valve Spring Tester *PFM66776*

Digital bench top valve spring tester is the most accurate method to check spring pressure. Manufactured from precision-machined billet aluminum, unit includes a backlit digital display that reads up to 1,000 pounds of pressure in 1 pound increments. Able to test springs up to 1-1/2" diameter and up to 4" tall, also includes peak hold and automatic shut-off features.

Professional Heavy-Duty Valve Spring Compressor *PFM66764*

Designed for use when cylinder heads are off the engine block. This manual clamp-style compressor with dual pin 12" adjustable arm also features reinforced compression-hold handle, boxed steel reinforced gussets, and aluminum spring cup inserts.

Pneumatic Valve Spring Compressor
PFM66849

Ease cylinder head disassembly with pneumatic valve spring compressor. Air-operated tool builds up to 350 lbs. of force with 125 PSI of air pressure and will operate on a minimum 100 PSI. Tool includes slides for adjustment and a locking pin provides easy, rapid installation. Compatible with most popular cylinder heads.

Stud Mount Valve Spring Compressor
PFM66784

Quickly remove valve springs from assembled engines with 3/8" or 7/16" rocker studs.

Adjustable Ring Compressor

Tapered compressor eases piston installation and is compatible with a range of bore sizes. More economical than single bore size compressors.

PFM66766

PFM66767

PFM66768

Part No.	Description
PFM66766	4.000"–4.090" Bore
PFM66767	41/8""–4.205" Bore
PFM66768	4.205"–4.310" Bore

Universal Oil Filter Cutter
PFM66490

Spot engine problems quickly. Precision tool locks down the oil filter, allowing it to be rotated and cut open for inspection.

Manual Piston Ring File

File piston rings quickly and precisely.

Part No.	Description
PFM66785	Manual Piston Ring File
PFM66786	Replacement Carbide Wheel

Electric Piston Ring File
PFM66765

Powerful, rechargeable 12-volt battery-powered tool accurately sets and files ring end gaps. Includes two 120-grit grinding wheels and recharger.

Electric Piston Ring Filer
PFM66758

Easy-to-use bench- or vise-mounted 110-volt power tool makes quick yet precise work of ring filing. Simply square ring up by pressing against the unit's dowel pins for clean, precise grinding. Includes 120-grit grinding wheel.

Rod Bolt Stretch Gauge *PFM66788*

Tighten rod bolts properly and with precision. Position tool on the bolt to measure bolt stretch during tightening. Works with bolts up to 2-3/4" long.

Oil Pump Primer *PFM66896*

Prime any Chevy V8/V6 through the distributor hole with a 3/8" drill.

Mini Valve Spring Tester
PFM66837

Hex-design body can be used in a vise or an arbor press. Backlit digital gauge has 2-pound increments with peak hold. Gauge swivels 90 degrees. 0-1,000 x 20 pound.

Digital Tire Pressure Gauges *PFM67395*

Backlit digital display gauge reads in PSI, KPA, Bars, and kg/cm². 0-60 PSI.

Caleb Griffith — Photo by: JohnnyB Imagery

"A" Series Aluminum Smooth-Body Shocks

Twin-tube, "A" Series smooth-body shocks, suited for use on late models, open wheels and modifieds, offer superior driver feel and ultimate traction. Fully rebuildable and revalvable, each shock is serial-numbered, dyno-tested and sold complete with dyno sheet. Shocks include bearing ends. Simply purchase PROC300 to convert these shocks to coil-over units.

Aluminum Smooth Body Shocks

Part No.	Stroke	Collapsed Length	Extended Length	Damping Comp./Rebound
PROA745B	7"	12-1/2"	19-1/2"	4/4
PROA746B	7"	12-1/2"	19-1/2"	4/6
PROA750B	7"	12-1/2"	19-1/2"	5/5
PROA752B	7"	12-1/2"	19-1/2"	5/2
PROA754B	7"	12-1/2"	19-1/2"	5/4
PROA762B	7"	12-1/2"	19-1/2"	6/2
PROA838B	8"	13-1/2"	21-1/2"	3/8
PROA847B	8"	13-1/2"	21-1/2"	4/7
PROA848B	8"	13-1/2"	21-1/2"	4/8
PROA849B	8"	13-1/2"	21-1/2"	4/9
PROA939B	9"	14-1/2"	23-1/2"	3/9
PROA945B	9"	14-1/2"	23-1/2"	4/5
PROA946B	9"	14-1/2"	23-1/2"	4/6
PROA950B	9"	14-1/2"	23-1/2"	5/5
PROA960B	9"	14-1/2"	23-1/2"	6/6

Coil-Over Kit *PROC300*

Aluminum coil-over kit for regular size 2" body "A" series coil-over shocks.

"AC" Series Aluminum Threaded-Body Shocks

The "AC" Series shock is made from a high-tech aluminum impact extrusion and machined to the highest of standards. Available in strokes from 5" to 9", threaded-body shock eliminates the threaded tube from the coil-over kit. Shocks include bearing ends. Simply purchase PROC320 to convert these shocks to coil-over units.

Coil-Over Kits For ACF Series

Part No.	Description
PROC352	Coil-Over Kit, 2-1/2", Flat Spring Seat
PROC353	Coil-Over Kit, 2-1/2", Tapered Spring Seat

"AC" Series Aluminum Threaded Body Shocks

Part No.	Stroke	Collapsed Length	Extended Length	Damping Comp./Rebound
PROAC550B	5"	10-1/2"	15-1/2"	5/5
PROAC557B	5"	10-1/2"	15-1/2"	5/7
PROAC740B	7"	12-1/2"	19-1/2"	4/4
PROAC746B	7"	12-1/2"	19-1/2"	4/6
PROAC750B	7"	12-1/2"	19-1/2"	5/5
PROAC754B	7"	12-1/2"	19-1/2"	5/4
PROAC946B	9"	14-1/2"	23-1/2"	4/6
PROAC950B	9"	14-1/2"	23-1/2"	5/5

Coil-Over Kit *PROC320*

Aluminum coil-over kit for 2" body "AC" shocks. Includes upper spring seat, threaded adjuster, and pin.

WB Series Steel Shock Absorbers

Popular on Modifieds, Super stocks, or Street Stocks, fully redesigned black steel-bodied shock absorbers accept coil-over kits, if desired. Available in 7" and 9" strokes with several different valvings. Shocks include a bearing welded on both ends. May be run upside down.

Part No.	Stroke	Collapsed Length	Extended Length	Damping Comp./Rebound
PROWB735BK	7"	12-1/2"	19-1/2"	3/5
PROWB74BK	7"	12-1/2"	19-1/2"	4/4
PROWB746BK	7"	12-1/2"	19-1/2"	4/6
PROWB75BK	7"	12-1/2"	19-1/2"	5/5
PROWB753BK	7"	12-1/2"	19-1/2"	5/3
PROWB76BK	7"	12-1/2"	19-1/2"	6/6
PROWB763BK	7"	12-1/2"	19-1/2"	6/3
PROWB77BK	7"	12-1/2"	19-1/2"	7/7
PROWB791BK	7"	12-1/2"	19-1/2"	9/1
PROWB935BK	9"	14-1/2"	23-1/2"	3/5
PROWB94BK	9"	14-1/2"	23-1/2"	4/4
PROWB946BK	9"	14-1/2"	23-1/2"	4/6
PROWB95BK	9"	14-1/2"	23-1/2"	5/5
PROWB953BK	9"	14-1/2"	23-1/2"	5/3
PROWB96BK	9"	14-1/2"	23-1/2"	6/6

Coil-Over Kits *PROC300WB*

Coil-over kits are designed for use with black body "WB" series shocks.

Steel Take-Apart Shock Absorbers

Gold iridite-plated shocks may be converted to coil-over units with kit PROC300. Offered in 7" and 9" strokes with several different valvings. Take-apart shocks accept bearing ends, which must be purchased separately.

Part No.	Stroke	Collapsed Length	Extended Length	Damping Comp./Rebound
PROTA740	7"	12-1/2"	19-1/2"	4/4
PROTA746	7"	12-1/2"	19-1/2"	4/6
PROTA748	7"	12-1/2"	19-1/2"	4/8
PROTA750	7"	12-1/2"	19-1/2"	5/5
PROTA753	7"	12-1/2"	19-1/2"	5/3
PROTA760	7"	12-1/2"	19-1/2"	6/6
PROTA763	7"	12-1/2"	19-1/2"	6/3
PROTA767	7"	12-1/2"	19-1/2"	6/7
PROTA936	9"	14-1/2"	23-1/2"	3/6
PROTA940	9"	14-1/2"	23-1/2"	4/4
PROTA946	9"	14-1/2"	23-1/2"	4/6
PROTA950	9"	14-1/2"	23-1/2"	5/5
PROTA960	9"	14-1/2"	23-1/2"	6/6

Shock Absorber Hardware

A wide variety of replacement hardware is offered for both aluminum or steel-body shock absorbers.

PROB212B PROB212-1B

Part No.	Description
PROB200A	Aluminum Bearing End, 2" Body Coil-Over Shocks, 1/2" I.D. Hole
PROB212B	Standard Billet Rod End, ACF Shocks
PROB212-1B	1" Extended Billet Rod End, ACF Shocks
PROB275	Aluminum Bearing End, 1.63" Body Coil-Over Shocks, 1/2" I.D. Hole
PROC510	1" Shock Extension
PROC520	2" Shock Extension
PROWB200	Steel Bearing End, 2" Body Coil-Over Shocks, 1/2" I.D. Hole
PROZ902	Spanner Wrench, Allows Easy Coil-Over Adjustments

PTS
PRO TRU™ STREET

Street Series Forged Pistons

Manufactured by Wiseco, ProTru Street Series forged pistons are affordable with features typically found only in more expensive pistons. Pistons are forged from 4032 aluminum, include oversized symmetrical, radiused valve pockets, precision-finished piston pin bores, pin oiling, and ArmorGlide skirt coating. Sold in sets of eight complete with chromium alloy steel piston pins, Spirolox, and piston rings. ***Note: SB Chevy compression ratios are based on 64cc combustion chamber volume.***

Part No.	Bore	Stroke	Rod Length	Comp. Ht.	Comp. Ratio
SB Chevy 350 Street Series 23° Hollow Dome					
WPTPTS502A3	4.030"	3.480"	5.700"	1.560"	12.0:1
WPTPTS502A4	4.040"	3.480"	5.700"	1.560"	12.2:1
SB Chevy 350 Street Series 23° Flat Top (2-Valve Pockets)					
WPTPTS503A3	4.030"	3.480"	5.700"	1.560"	9.8:1
WPTPTS505A3	4.030"	3.480"	6.000"	1.260"	9.8:1
WPTPTS505A6	4.060"	3.480"	6.000"	1.260"	10.0:1
WPTPTS506A4	4.040"	3.750"	6.000"	1.125"	10.5:1
WPTPTS506A6	4.060"	3.750"	6.000"	1.125"	10.5:1
SB Chevy 400 Street Series 23° Hollow Dome					
WPTPTS535A4	4.165"	3.750"	6.000"	1.125"	13.6:1

PRW

Pro Series Aluminum Roller Rocker Arms

Extruded 6061-T6 aluminum roller rockers can accommodate larger valve springs and retainers. Full-cage bearings reduce friction, and the Cr40 steel rollers and shafts offer maximum durability. Must be used with screw-in studs and guide plates. Sets of 16 include locking nuts.

Part No.	Application	Ratio	Stud
PQX0335009	SB Chevy 262-400, 1955-86	1.5	7/16"
PQX0335012	SB Chevy 262-400, 1955-86	1.6	7/16"

Pro Series Stainless Steel Roller Rocker Arms

Stud-mount, 15-5ph stainless steel rocker arms resist fatigue and deflection. Cr40 steel nose rollers and shafts are heat-treated and hardened for durability. Full-cage needle bearings and extra-large trunnions spread out the load and reduce wear. Sets of 16 include PRW RockerLocs.

Part No.	Application	Ratio	Stud
PQX0235009	SB Chevy 262-400, 1955-86	1.5	7/16"
PQX0235012	SB Chevy 262-400, 1955-86	1.6	7/16"

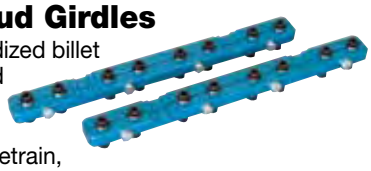
PQ Series Aluminum Shaft Rocker Arm Systems

PQX3335001

Systems include 16 CNC-machined billet aluminum rocker arms with cup-style lash adjusters, two durable chrome moly rocker shafts, fasteners, shims, and hardware.

Application	Ratio
SB Chevy 262-400	1.5

Billet Aluminum Stud Girdles



Constructed from blue anodized billet 6062-T6 aluminum, PRW stud girdles offer increased valvetrain stability. Stud girdles add rigidity to the valvetrain, reducing rocker stud flex, while helping to retain critical valve adjustments. Choose from spring-loaded or solid bar designs. Sold in pairs, complete with Rockerlocs.

Part No.	Description
SB Chevy 262-400, 1955-2000	
PQX1535000	Spring-Loaded, 3/8" Rockerlocs
PQX1535001	Spring-Loaded, 7/16" Rockerlocs
PQX1535002	Solid Bar, 3/8" Rockerlocs

Billet Steel Main Caps

These main caps are CNC machined from 1045 low-carbon steel for maximum durability. PRW main caps eliminate main cap walk and reduce main bearing distortion, while stabilizing the entire rotating assembly for increased engine durability.

Part No.	Description
SB Chevy 305-350, 1967-86	
PQX1735001	(3) 4-Bolt Replacement/ Flat Surface Mount Caps
PQX1735002	(3) 22° Splayed Caps
PQX1735003	(3) 2-Bolt to 4-Bolt Straight Caps
SB Chevy 400, 1970-80	
PQX1740002	(3) Splayed Caps

Billet Steel Main Girdle for SB Chevy 350

PQX0935000

Steel billet main girdle eliminates stress-induced block flex and main cap walk. Girdle includes high-quality steel studs, spacers, and nuts.

EZ Tear Single Pull Tear-Off Ramps

EZ Tear eases tear-off removal, guiding your hand to the top of the tear-off and allowing easy removal. Eliminates the problems associated with locating the end of the tear-off or accidentally pulling off multiple tear-offs at once. Universal design fits any helmet and accepts any brand of tear-off, attaching simply between the shield and tear-off post. Offered in a wide variety of colors including mix and match combo packages.

Part No.	Description
Single Color Packages	
PULEZTS101BK	Black
PULEZTS101BL	Blue
PULEZTS101R	Red
PULEZTS101W	White
Aluminum Tearoff Posts Only	
PULATP001BL	Blue
PULATP001G	Gold
PULATP001GR	Green
PULATP001R	Red
PULATP001S	Silver
Combo Packages	
PULEZTS102BKP	Black w/Silver Tear-Off Posts
PULEZTS102BLP	Blue w/Silver Tear-Off Posts
PULEZTS102GRP	Green w/Silver Tear-Off Posts
PULEZTB102PNK	Pink w/Black Tear-Off Posts
PULEZTS102RP	Red w/Silver Tear-Off Posts
PULEZTS102YLP	Yellow w/Silver Tear-Off Posts
PULEZTS102WP	White w/Silver Tear-Off Posts

PULEZTS102BLP

Lockdown Tear-Off Posts

PULLTP001BK

Tear-off posts use a custom, low-profile screw with a hex in the tip that allows performing all adjustments at the front of the helmet, eliminating the need to remove the face shield or reach inside the helmet. Includes necessary tools.

PXP Racewear Sport Cut

This line of racing underwear features Kermel®, an aramid fiber that is inherently fire-resistant. The black underwear is solution-dyed to prevent the color from fading. The quality sewing and construction prevents the apparel from stretching out as well as maintaining a comfortable feel. Exceeds SFI 3.3 standards.

Part No.	Description
Youth Underwear - Black	
PXP113Y	Underwear Top, Youth Medium
PXP123Y	Underwear Bottom, Youth Medium
PXP1411Y	Head Sock Black, Single Eye
Socks - Black	
PXP192	Small
PXP193	Medium
PXP194	Large
PXP195	X-Large

Racewear Underwear

PXP Racewear combines the benefits of safety, comfort, and durability. Manufactured using meta-aramid technology of Kermel FR fibers, Racewear is extremely fire-resistant and permanently non-flammable, which prevents it from washing out in the laundry. The color is solution-dyed for fade-resistance, while the material is also comfortable to wear and soft to the touch. Racewear underwear is offered in long or short sleeve tops and traditional bottoms in both black or graphite grey. All tops, bottoms, and head socks meet SFI 3.3 requirements.

Size	Part No.
Long Sleeve Tops	
Black	
Small	PXP112
Medium	PXP113
Large	PXP114
X-Large	PXP115
XX-Large	PXP116
Grey	
Large	PXP214
X-Large	PXP215
Short Sleeve Tops	
Black	
Large	PXP134
XX-Large	PXP136
Grey	
Large	PXP234

Size	Part No.
Bottoms	
Black	
Small	PXP122
Medium	PXP123
Large	PXP124
X-Large	PXP125
XX-Large	PXP126
Grey	
Small	PXP222
Large	PXP224
X-Large	PXP225

Racewear Head Socks

Description	Part No.
Black	
Single Eyeport 1-Layer	PXP1411
Single Eyeport 2-Layer	PXP1421
Dual Eyeport 2-Layer	PXP1422
Grey	
Single Eyeport 1-Layer	PXP2411
Single Eyeport 2-Layer	PXP2421
Dual Eyeport 2-Layer	PXP2422

Double-Layer Racing Gloves

Racing gloves are durable, comfortable, and provide exceptional safety protection. Gloves are constructed using two layers of fire-retardant Carbon-X with genuine leather reinforcements in high wear areas. Extended length gauntlet offers protection to wrist and lower arm. Meets SFI 3.3/5 specifications. Black only.

Size	Part No.	Size	Part No.
Large	PXP584	X-Large	PXP585

PYROTECT®

UltraSport SA2020 Helmets NEW!

UltraSport carbon helmets have been redesigned with a vacuum bagged and autoclave cured lightweight fiberglass composite shell for maximum durability. Helmets feature a unique adjustable 6-pad interior system to allow for the perfect fit, a four-channel air system which allows for better quality heat transfer, and a fire-retardant Nomex interior. Helmet meets Snell SA2020 rating.

Description	Part No.
Flat Black	
Medium	PYRHB622320
Large	PYRHB622420
X-Large	PYRHB622520

Ultra Sport Full Face Helmets NEW!

Ultra Sport carbon fiber helmets are unmatched by the competition in both safety and innovation. Nomex 6-pad fire-retardant interior system allows for superior comfort while four channel air channels keep fogging to a minimum. Helmets meet Snell SA2020 rating.

Size	Part No.
Carbon Fiber	
Medium	PYRHC720320
Large	PYRHC720420
X-Large	PYRHC720520

Ultra Sport Duckbill

The Ultra Sport Duckbill combines a large eyeport for exceptional visibility with superior aerodynamics. Constructed using a carbon composite weave that is vacuum bagged and autoclave cured. Unique, six-pad interior system allows resizing for a perfect fit, while the innovative headliner offers improved heat transfer. Meets Snell SA2020 specifications. Offered in flat black, flat gray, or white, helmet is sold complete with clear polycarbonate shield.

Size	
Flat Black	
Small	PYRHB612220
Medium	PYRHB612320
Large	PYRHB612420
X-Large	PYRHB612520
XX-Large	PYRHB612620
XXX-Large	PYRHB612720
Gloss Black	
Medium	PYRHB611320
Large	PYRHB611420
X-Large	PYRHB611520
Flat Grey	
Medium	PYRHG613320
Large	PYRHG613420
X-Large	PYRHG613520
White	
Small	PYRHW610220
Medium	PYRHW610320
Large	PYRHW610420
X-Large	PYRHW610520

UltraSport Helmet Shields NEW!

Offered for both SA & Youth applications, all shields are made with premium quality high impact-resistant, high heat-resistant .125" polycarbonate material that offers 100% UVA/UVB protection. Available in both standard and anti-fog applications.

PYRHS200220

PYRHS310320

Part No.	Description
UltraSport	
PYRHS200020	Clear
PYRHS200220	Dark Smoke
PYRHS200320	Amber
PYRHS210020	Clear, Anit-Fog
PYRHS210220	Dark Smoke, Anit-Fog
PYRHS210320	Amber, Anit-Fog
Pro-Sport	
PYRHS310020	Clear, Anit-Fog
PYRHS310220	Dark Smoke, Anit-Fog
PYRHS310320	Amber, Anit-Fog

Pro Airflow Vortex Helmets NEW!

Pro Airflow Vortex helmets offer the same support and adjustable six pad interior as the UltraSport series but with a vacuum bagged and autoclave cured lightweight Tri-Weave composite shell for maximum durability. Helmet features large eyeport for greater visibility, fire-retardant Nomex interior, and new head liner air channels for better adjustability, comfort, and air flow. Available in flat black or carbon fiber, helmets meet Snell SA2020 rating.

Size	Part No.
Flat Black	
Medium	PYRHB946320
Large	PYRHB946420
X-Large	PYRHB946520
Carbon Fiber	
Medium	PYRHC705320
Large	PYRHC705420
X-Large	PYRHC705520

Pro Airflow Carbon Duckbill

Lightweight helmet is manufactured using a 100% carbon weave, vacuum-bagged, and autoclave-cured shell for maximum strength. Duckbill design improves aerodynamics and reduces neck strain, while the unique air channel system provides increased comfort. Removable six-pad headliner and cheek pad system allows cleaning and resizing. Sold complete with clear polycarbonate shield. Includes M6 inserts for head-and-neck restraint compatibility. Meets Snell SA2020 specifications.

Size	Part No.
Medium	PYRHC701320
Large	PYRHC701420
X-Large	PYRHC701520

PYROTECT®

Pro Sport Duckbill

The Pro Sport Duckbill combines safety, comfort and affordability. Composite helmet is complete with a six-pad interior system for a true custom fit, while the P1 venting system delivers exceptional ventilation. Duckbill design helps improve aerodynamics and reduce neck strain to the drivers of open cockpit race cars. Meets Snell SA2020 specifications. Sold complete with clear polycarbonate shield. Traditional Pro Sport is available in white or flat black, while Pro Sport Forced Air model is offered in flat black only.

Size	White	Flat Black	Forced Air Flat Black
Medium	PYRHW800320	PYRHB802320	PYRHB821320
Large	PYRHW800420	PYRHB802420	PYRHB821420
X-Large	PYRHW800520	—	PYRHB821520
XX-Large	PYRHW800620	—	—
XXX-Large	—	—	PYRHB821720

Pro Sport Carbon Duckbill

Versatile carbon-composite helmet delivers increased safety and comfort, while remaining affordable. Pro Sport is designed with a carbon-composite weave, vacuum-bagged and autoclave-cured lightweight shell for durability. Incorporated duckbill increases aerodynamics, while the P1 ventilation system with intake and exhaust ports help improve air circulation. M6 inserts allow compatibility with all head and neck restraints. Sold complete with clear polycarbonate shield. Meets Snell SA2020 specifications. Choose from standard or forced air models.

Size	Pro Sport	Pro Sport Forced Air
Small	PYRHC710220	PYRHC712220
Medium	PYRHC710320	PYRHC712320
Large	PYRHC710420	PYRHC712420
X-Large	PYRHC710520	PYRHC712520
XXX-Large	PYRHC710720	—

Replacement Shields for Pro Sport

A variety of 1/8"-thick polycarbonate shields are available to fit Pro Airflow and Pro Sport series helmets.

Part No.	Description
PYRHS300020	Clear
PYRHS300120	Light Tint
PYRHS300220	Dark Tint
PYRHS300320	Amber
PYRHS300420	Blue Tint
PYRHS300520	Chrome
PYRHS300620	Gold Chrome

Helmet Bag

PYRHB100020 **NEW!**

Durable nylon bag features a fleece lining to keep helmets clean and protected.

Gear Pak Expandable Helmet Bag **NEW!**

With more space than most standard helmet bags, Gear Pak offers a reinforced padded interior for superior protection, and specific vent areas to keep out moisture.

Part No.	Description
PYRHB100220	XL w/ 4" Expandable Top
PYRHB100320	XXL w/ Expandable Top, H&N Storage Compartment

Sportsman Deluxe Black One- and Two-Piece Suits **NEW!**

Built from lightweight Proban material for superior comfort and improved heat dissipation. Sportsman Deluxe race suits feature 360° vented arm attachments for improved movement, knit-lined collars, hidden slash pockets and hidden boot cuffs. SFI 3.2A/5 rated. Suits are offered in one- and two-piece styles.

Size	Part No.
One-Piece Suits	
Single Layer	
Medium	PYRRS100120
Large	PYRRS100220
X-Large	PYRRS100320
Double Layer	
Medium	PYRRS200120
Large	PYRRS200220
X-Large	PYRRS200320
Two-Piece Suits	
Single Layer	
Jackets	
Medium	PYRRJ100120
Large	PYRRJ100220
X-Large	PYRRJ100320
Pants	
Medium	PYRRP100120
Large	PYRRP100220
X-Large	PYRRP100320
Double Layer	
Jackets	
Medium	PYRRJ200120
Large	PYRRJ200220
X-Large	PYRRJ200320
Pants	
Medium	PYRRP200120
Large	PYRRP200220
X-Large	PYRRP200320

Black Gear Bags **NEW!**

Multi-compartment gear bags feature heavy-duty nylon material to help protect against tears and punctures while providing moderate water resistance. Dual strap handle and padded shoulder strap for superior comfort while carrying.

Part No.	Description
PYRGB100020	3-Chamber, 26"L x 12"W x 13"H
PYRGB110020	6-Chamber, 21"L x 16"W x 13"H

PYROTECT®

Junior Deluxe Black One- and Two-Piece Suits NEW!

Junior Deluxe suits are lightweight, comfortable, and designed using fire resistant material with a knit-lined collar. SFI 3.2A/1 rated suits feature 360° vented arm attachments, epaulets, vented waist expansion panel (one-piece only), and hidden slash pockets. Available in single or double layers, one- or two-piece.

Size	Part No.
One-Piece Suits	
Single Layer	
Medium	PYRJS100120
Large	PYRJS100220
X-Large	PYRJS100320
Double Layer	
Medium	PYRJS200120
Large	PYRJS200220
X-Large	PYRJS200320
Two-Piece Suits	
Single Layer	
Jackets	
Medium	PYRJJ100120
Large	PYRJJ100220
Pants	
Medium	PYRJP100120
Large	PYRJP100220
X-Large	PYRJP100320
Double Layer	
Jackets	
Medium	PYRJJ200120
Large	PYRJJ200220
X-Large	PYRJJ200320
Pants	
Medium	PYRJP200120
Large	PYRJP200220
X-Large	PYRJP200320

Ultra-1 Black One-Piece Suits NEW!

Pyrotect Ultra-1 series suits are the gold standard in modern safety SFI rated race-ware. Suits are constructed of a flame resistant nomex material and feature flexible back panels, 360° arm gussets, and contrasting box quilt stitching for a stylish and more durable suit.

Size	Part No.
Single Layer	
Medium	PYRRS140120
Large	PYRRS140220
X-Large	PYRRS140320
Double Layer	
Medium	PYRRS240120
Large	PYRRS240220
X-Large	PYRRS240320

Sport Heavy-Duty SFI-1 Socks NEW!

Nomex Xtra-Heavy-Duty cushioned airflow socks provide added protection, comfort, and absorbancy. SFI 3.3 rated and available in black.

Size	Part No.
Medium	PYRIS110220
Large	PYRIS110320
X-Large	PYRIS110420

Pro-One Fire-Retardant Underwear NEW!

Cutting-edge fire-retardant underwear is as soft as cashmere and as absorbent as cotton. Designed to be used under any driving suit.

Size	Part No.
FIA Approved	
Bottoms	
Medium	PYRIB100320
Large	PYRIB100420
X-Large	PYRIB100520
Top	
Medium	PYRIT100320
Large	PYRIT100420
X-Large	PYRIT100520
SFI 3.3A/1 Approved	
Bottoms	
Medium	PYRIB300320
Large	PYRIB300420
X-Large	PYRIB300520
Top	
Medium	PYRIT300320
Large	PYRIT300420
X-Large	PYRIT300520

Sport Innerwear NEW!

Comfort and absorbency come together in Pyrotect's ultra-thin fire-retardant inner wear. Sports Innerwear is SFI 3.3 rated for use as underwear but can also be used under Nomex underwear for added TPP protection. Offered in black only.

Size	Part No.
High Collar, Long Sleeves, Top	
Medium	PYRIT400320
Large	PYRIT400420
X-Large	PYRIT400520
Pants	
Medium	PYRIB400320
Large	PYRIB400420
X-Large	PYRIB400520

Nomex Socks NEW!

Sport Heavy-Duty and Pro-One series Nomex socks provide an extra layer of protection and comfort. Sold in pairs.

Description	Part No.
Sports Heavy-Duty - SFI 3.3	
Medium	PYRIS100220
Large	PYRIS100320
X-Large	PYRIS100420
Pro-One - FIA	
Medium	PYRIS200220
Large	PYRIS200320
X-Large	PYRIS200420

PRO Series Head Socks NEW!

One size fits all head socks to help keep out flames, dirt, and sand. Built from fire-retardant Nomex with single eyeport. SFI 33.3A/1 approved.

Part No.	Description
White	
PYRIH100020	Single Layer, SFI 33.3A/1
PYRIH200020	Double Layer, FIA Approved
Black	
PYRIH100120	Single Layer, SFI 33.3A/1

PYROTECT®

Head Sock
PYRIH100320 NEW!

Head socks help to seal out dirt, sand, or flames that may become a problem while racing. Pyrotect head socks are one size fits all, SFI approved, and feature dual-layer Nomex fabric with single eyeport.

Pro-Series 2 Gloves NEW!

Pro-series 2 gloves are designed for superior grip that allows you to feel the track. Seamless reverse stitched gloves feature fire resistant leather on the palms and fingers. SFI 3.3/5 rated.

Size	Part No.
Black	
Medium	PYRGP200320
Large	PYRGP200420
X-Large	PYRGP200520
White	
Medium	PYRGP230320
Large	PYRGP230420
X-Large	PYRGP230520

Sports Series Gloves NEW!

Sports series gloves are an excellent choice for SCCA solo competition, track driving, circle track, drag racing and autocross. Gloves feature a wing thumb design for superior grip and a 13-oz. knit Nomex back/palm lining. Single-layer gloves meet SFI 3.3/1 while double-layer meet SFI 3.3/5.

Size	Part No.
Single Layer	
Black	
Medium	PYRGS100320
Large	PYRGS100420
X-Large	PYRGS100520
Double Layer	
Black	
Medium	PYRGS200320
Large	PYRGS200420
X-Large	PYRGS200520
Reverse Stitched, Double Layer	
Black	
Medium	PYRGS240320
Large	PYRGS240420
X-Large	PYRGS240520

Standard Cam-Lock Five-Point Harnesses NEW!

Five-point harnesses feature European style cam mechanism. Restraint system offers 50" pull-down adjustable shoulder straps with 3" belt. Ideal for quick driver changes or fast "button up" and SFI 16.1 rated. Offered in black only.

Part No.	Description
PYRSB100020	Standard, Bolt-On Wrap Around
PYRSB120020	HANS Ready, Bolt-On Wrap Around

Standard Latch-and-Link 5-Point Harnesses NEW!

Latch-and-link harnesses feature the same tried and true reliability as the Cam-Lock style, featuring 50" pull-down adjustable shoulder straps with 3" belt but with the traditional Latch-and-link lock system. SFI 16.1 rated, offered in black only.

Part No.	Description
PYRSB160020	Standard, Bolt-On Wrap Around
PYRSB180020	HANS Ready, Bolt-On Wrap Around
PYRSB260020	Standard, 2" Belts, 36" Length

Black Arm Restraints NEW!

Pro-series arm restraints are made from Nomex covered HD foam with adjustable length nylon straps. Designed to secure at the forearm, with adjustable length so arms cannot extend outside of protective cage.

Part No.	Description
PYRAR100020	Restraints, Adult
PYRJA100020	Restraints, Youth
PYRBA100020	Replacement Pads

Neck Collars NEW!

Designed from high density fire-retardant foam for added protection, SFI 3.3 approved collars fit at the base of your helmet allowing for greater air circulation. Available in black only.

Part No.	Description
Youth	
PYRJB100020	Straight
PYRJB110020	Contour
Adult	
PYRNB100020	Straight
PYRNB110020	Contour

Dan McCarron Photo by: JohnnyB Imagery

5Q Series Steel Replaceable Bearing Shocks NEW!

Shocks are crafted with premium internals and a zero gas pressure design, providing superior grip on slick tracks, while including the ability to excel on average to dry/slick dirt or asphalt tracks where traction is limited. May also be used as an axle wrap-up shock in pull bar applications.

Part No.	Valving Comp./Rebound	Comp. Length	Extended Length
7" Stroke Shocks			
QA15Q73-5	3-5	13.38"	20.30"
QA15Q73-8	3-8	13.38"	20.30"
QA15Q74	4	13.38"	20.30"
QA15Q74-6	4-6	13.38"	20.30"
QA15Q74-10	4-10	13.38"	20.30"
QA15Q74-13	4-13	13.38"	20.30"
QA15Q75	5	13.38"	20.30"
QA15Q75-3	5-3	13.38"	20.30"
QA15Q75-10	5-10	13.38"	20.30"
QA15Q75-13	5-13	13.38"	20.30"
QA15Q76	6	13.38"	20.30"
QA15Q76-2	6-2	13.38"	20.30"
QA15Q76-4	6-4	13.38"	20.30"
QA15Q79-1	9-1	13.38"	20.30"
9" Stroke Shocks			
QA15Q93	3	15.38"	24.30"
QA15Q93-5	3-5	15.38"	24.30"
QA15Q94	4	15.38"	24.30"
QA15Q95	5	15.38"	24.30"
QA15Q98-2	8-2	15.38"	24.30"
QA15Q99-1	9-1	15.38"	24.30"
QA15Q99-2	9-2	15.38"	24.30"

63 Series Aluminum Threaded Twin-Tube Shocks

A sealed, non-rebuildable version of the 62 series, shocks are popular on Late Models or Modifieds that utilize coil-overs and run on dirt or asphalt. Threaded-body, twin-tube shocks offer superior grip, regardless of track conditions. ACT-legal shocks have 2" O.D. bodies, include deflective disc valving, and may be run in any orientation without affecting the rate.

Part No.	Valving Comp./Rebound	Comp. Length	Extended Length
7" Stroke Shocks			
QA16374	4	13.38"	20.30"
QA16374-6	4-6	13.38"	20.30"
QA16375-400	5-400	13.38"	20.30"
QA16375-500	5-500	13.38"	20.30"
QA16375-650	5-650	13.38"	20.30"
QA16375-850	5-850	13.38"	20.30"
9" Stroke Shocks			
QA16394	4	15.38"	24.30"
QA16394-6	4-6	15.38"	24.30"
QA16395-3	5-3	15.38"	24.30"

6Q Series Aluminum Threaded-Body Shocks NEW!

Made of 6061-T6 aluminum for strength and durability, shocks are popular on Late Models and Modifieds, often used as a coil-over on dirt or asphalt applications. Shocks provide drivers with plenty of grip and feel, and work best on average to dry/slick dirt or asphalt tracks where traction is limited. Use with QA1CK6201 coil-over kit.

Part No.	Valving Comp./Rebound	Comp. Length	Extended Length
5" Stroke Shocks			
QA16Q55	5	12.38"	19.30"
7" Stroke Shocks			
QA16Q73-5	3-5	13.38"	20.30"
QA16Q74	4	13.38"	20.30"
QA16Q75	5	13.38"	20.30"
QA16Q75-3	5-3	13.38"	20.30"
9" Stroke Shocks			
QA16Q94	4	15.38"	24.30"
QA16Q95	5	15.38"	24.30"
QA16Q96	6	15.38"	24.30"

7Q Series Steel Small-Body Shocks NEW!

The 7Q offers the same performance and durability of QA1's large-body twin-tube shocks but with a smaller O.D., ideal for applications where control arm clearance is an issue. Ideal for lightweight classes, shocks work best on smooth to average dirt or asphalt tracks. Shocks may be rebuilt and re-valved, and can be run upside down to reduce unsprung weight with no change in rate.

Part No.	Valving Comp./Rebound	Comp. Length	Extended Length
6" Stroke Shocks			
QA17Q62-4	2-4	11.63"	17.75"
QA17Q63	3	11.63"	17.75"
QA17Q64	4	11.63"	17.75"
QA17Q64-2	4-2	11.63"	17.75"

Teddy Alberts — Photo by: JohnnyB Imagery

Steel Replaceable Bearing Shocks

51 Series

Twin-tube, 51 Series shocks now incorporate an in-house machined body with a 2mm larger inside diameter to allow easier gas bag installation. Deflective disc valving provides increased sensitivity in valving response, control, and consistency. May be run upside-down.

Part No.	Valving Comp./Reb.	Comp. Length	Ext. Length
QA15Q73-5	3-5	13.00"	20.00"
QA15Q74	4	13.00"	20.00"
QA15Q74-6	4-6	13.00"	20.00"
QA15Q74-10	4-10	13.00"	20.00"
QA15Q75	5	13.00"	20.00"
QA15Q75-3	5-3	13.00"	20.00"
QA15Q75-13	5-13	13.00"	20.00"
QA15Q76	6	13.00"	20.00"
QA15Q76-2	6-2	13.00"	20.00"
QA15Q76-4	6-4	13.00"	20.00"
QA15Q79-1	9-1	13.00"	20.00"
QA15Q93	3	15.00"	24.00"
QA15Q93-5	3-5	15.00"	24.00"
QA15Q94	4	15.00"	24.00"
QA15Q95	5	15.00"	24.00"
QA15Q98-2	8-2	15.00"	24.00"
QA15Q99-2	9-2	15.00"	24.00"

26 Series
Steel Monotube Shock Absorber

QA126912-2M

Engineered for circle track racing, one-piece monotube shock is suited to a variety of applications. Hyperscrew equipped, 2" O.D. shock includes a threaded port that is sealed with a small screw and O-ring, sealing in the nitrogen. Racer rebuildable and revalveable.

Comp.	Rebound
12	2

Mike Astrauskas Photo by: JohnnyB Imagery

Steel Monotube Shocks

26A Series IMCA-Legal

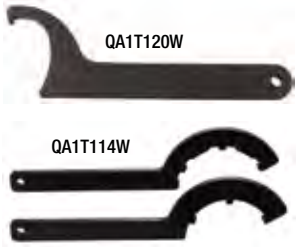
Steel monotube, gas-pressurized shocks include a sealed hyperscrew, allowing adjustability only by QA1 or QA1's authorized rebuilders per IMCA rules. Shocks feature an electroless nickel plated body for corrosion resistance and are offered with linear or digressive pistons. Linear shocks include an "M" suffix in the part number.

Part No.	Valving Comp./Rebound	Comp. Length	Extended Length
7" Stroke Shock Absorbers			
QA126A73-7*	3-7	13.70"	20.70"
QA126A74M†	4	13.70"	20.70"
QA126A75M†	5	13.70"	20.70"
9" Stroke Shock Absorbers			
QA126A912-2M†	12-2	15.70"	24.70"
QA126A93-5M†	3-5	15.70"	24.70"
QA126A94M†	4	15.70"	24.70"
QA126A97-2M†	7-2	15.70"	24.70"
QA126A98-2M†	8-2	15.70"	24.70"

**** Digressive shock absorber. † Linear shock absorber.***

Spanner Wrenches

Make quick, easy coil-over adjustments.



QA17888-112

Part No.	Description
QA17888-112	(2) Thrust Bearing Kits and (2) Ratchet Spanner Wrenches for Coil-Overs
QA1T114W	Includes (2) Spanner Wrenches for 16, 26, 28, 50, 51, 60, and 62 Series
QA1T115W	Ratchet Spanner Wrench, Ideal for Adjusting Coil-Overs in Tight Spaces
QA1T120W	Universal Spanner Wrench, 70/7Q/82/8Q Series

Schrader Valve Fill Tool

QA17791-147 NEW!

Required to fill 16 or 26V series shocks.

Monotube Fill Tool

QA17791-140

Hyperscrew fill tool is engineered for use with 26, 27, and 28-series monotube shocks.

QA1

Coil-Over Kits NEW!

Kits include aluminum sleeve, spring cap, spring seat adjuster nut, wire ties, spring cap retainer pin, jam nut, and snap rings.

Part No.	Description
51 & 5Q Series Shocks	
QA1CK5Q70	7" Stroke, 2-1/2" I.D. Spring
QA1CK5Q71	7" Stroke, 5" I.D. Spring
QA1CK5Q90	9" Stroke, 2-1/2" I.D. Spring
QA1CK5Q91	9" Stroke, 5" I.D. Spring
63 & 6Q Series	
QA1CK6Q00	Threaded Body Shocks, 2-1/2" I.D. Spring
QA1CK6Q01	Threaded Body Shocks, 2-1/2" I.D. Spring, with Bump Stop
26 Series Shocks	
QA1CK2670	7" Stroke, 2-1/2" I.D. Spring
QA1CK2671	7" Stroke, 5" I.D. Spring
QA1CK2690	9" Stroke, 2-1/2" I.D. Spring
QA1CK2691	9" Stroke, 5" I.D. Spring
70 & 7Q Series	
QA1CK7Q00	1.875" I.D. Spring
QA1CK7Q01	2-1/2" I.D. Spring
82 & 8Q Series	
QA1CK8Q00	Threaded Body Shocks, 1.875" I.D. Spring
Related Component	
QA19018-113	Steep Angled 2-1/2" I.D. Spring Seat, Moves Spring Seat Down 5/8"

2-1/2" Coil-Over Spring Spacer *QA19004-110*

Engineered for use with 2-1/2" I.D. coil-over springs, spacer is 1" tall and may be used to increase spring length.

Aluminum Shock Extensions

Place the spring seat on the eye ring or on the extension itself.

Part No.	Description
QA19029-163	1" Length, 9/16"-18 Threads
QA19029-164	2" Length, 9/16"-18 Threads

Piston Dowel Pin Kit *QA17857-103*

Kit fits most QA1 shock absorbers. Eight pack.

Aluma Matic Coil-Over Kit *QA1COK101*

Coil-over kit is engineered specifically for use with QA1 Aluma Matic shock absorbers.

Shock Absorber Bearing Kit *QA1COM8PK*

Kit includes (2) .500" I.D. x 1.00" O.D. x .500" wide spherical bearings, (4) snap rings, and (1) tube of Loctite.

Rebuild Kits

Everything needed to properly rebuild QA1 shock absorbers, including PTFE carbon fiber band, piston rod seal, O-rings, and travel indicator ring.

Part No.	Description
QA1RK01	53, 51, 60, and 62 Series Shocks
QA1RK02	FC and 50 Series Shocks
QA1RK13	5Q & 6Q Series Shocks NEW!
QA1RK14	7Q & 8Q Series Shocks NEW!

Tuning Kits

Need custom valving? Tuning kits will re-valve any QA1 circle track shock.

Part No.	Description
QA1TK08	Monotube Tuning Kit, 16, 26, 27, and 28 Series
QA1TK10	Large Body 51/53/60/62/5Q/6Q Shocks NEW!
QA1TK11	Small Body 70/7Q/82/8Q Shocks NEW!

Advanced Shock Absorber Tuning Kit *QA1TK09*

Everything needed to re-valve or repair 51, 53, 60, and 62-series large-body twin-tube, and 16, 26, and 27-series mono-tube shock absorbers.

Shock Piston Rods NEW!

Part No.	Description
QA19028-114	9" Piston Rod, 60 Series Shocks
QA19028-115	2795X and 5Q95X Piston Rod
QA19028-116	2758X, 2788X, 5358X, 5388X, 5Q88X, and 5Q58X Piston Rod
QA19028-118	7" Piston Rod, 62 and 6Q Series Shocks
QA19028-134	6" Piston Rod, 70 and 7Q Series Shocks
QA19028-135	7" Piston Rod, 70 and 7Q Series Shocks
QA19028-141	5Q94X and 5394X Piston Rod
QA19028-244	5Q93X and 5393X Piston Rod
QA19028-701	7" Bleed Adjustable Piston Rod, 26, 51, 60, 62, 5Q, and 6Q Series Shocks
QA19028-901	9" Bleed Adjustable Piston Rod, 26, 51, 60, 62, 5Q, and 6Q Series Shocks
QA19036-237	5Q68X Eyelet/T-Bar Assembly

Mike Astrauskas Photo by: JohnnyB Imagery

Tool Kit
QA17891-106

Greatly aids rebuilding 50, 51, 53, 60, and 62-series shock absorbers. Includes a base valve removal tool, gland removal tool, and a closure nut wrench.

Shock Pistons NEW!

Offered for rebuilders, pistons are manufactured from premium 7075 aluminum.

Part No.	Description
QA19057-302	5Q, 51, 53, 6Q, 60, and 62 Series, Large Body Linear, 35mm, 1.5° Comp./1.5° Reb.
QA19057-303	16, 26 & 27 Series, Linear, 46mm, 0° Comp./0° Reb.
QA19057-311	16, 20, 23, 26, and 27 Series, Linear/Digressive, 46mm, 0° Comp./5.5·° Reb.
QA19057-312	5Q, 51, 53, 6Q, 60, and 62 Series, Twin Tube, Variable Preload Linear/Diggressive, 35mm
QA19057-313	16, 20, 23, 26, 27, and 28 Series, Monotube, Variable Preload Linear/Digressive, 46mm

Shock Oil *QA1SF16* NEW!

Specially formulated for use with performance racing shocks featuring deflective disc valving. One-gallon jug.

Shock Eyelet Mounts & Bushings NEW!

QA19032-150

QA19036-103

QA1MK03

Part No.	Description
QA19032-150	One-Piece Polyurethane Bushing, .750" I.D. x 1.06" O.D.
QA19036-103	Steel Eyelet Mount, Includes Bearing & Snap Rings, 16/20/26/5Q/51/6Q/60/62/63 Series
QA19036-104	Aluminum Eyelet Mount, Includes Bearing & Snap Rings, 16/20/26/5Q/51/6Q/60/62/63
QA19036-105	Aluminum Eyelet Mount, 70/7Q/82/8Q Series
QA19036-148	Steel Eyelet Mount, 70/7Q/82/8Q Series
QA19036-198	1" Extended Steel Eyelet Assembly, 16/20/26/5Q/51/6Q/60/62/63 Series
QA19036-199	2" Extended Steel Eyelet Assembly, 16/20/26/5Q/51/6Q/60/62/63 Series
QA19036-200	1" Extended Aluminum Eyelet Assembly, 16/20/26/5Q/51/6Q/60/62/63 Series
QA19036-201	2" Extended Aluminum Eyelet Assembly, 16/20/26/5Q/51/6Q/60/62/63 Series
QA19036-237	Eyelet/T-Bar Assembly, 53/5Q Series
QA1BAR350K	3.5" T-Bar Kit, Includes Snap Rings, Bolts/Nuts, 53/5Q Series
QA1MK03	Stud Top Bushing Kit, Hardware for 5/8" & 7/8" Openings, 53/5Q Series
QA1SIB8-101PK	Bearing Kit, .500" I.D. x 1.06" O.D. x .625" Wide

"XM" Series Chrome Moly Steel Rod Ends

Two-piece rod ends feature balls and bodies have been heat-treated. "XM" Series rod ends also feature an increased cross-sectional area for greater tensile strength.

Male		Bore x Thread RH Size Reference	Ult. Static Radial Load
RH	LH		
QA1XMR6	QA1XML6	3/8" x 3/8"-24	9,544
QA1XMR8	QA1XML8	1/2" x 1/2"-20	16,238
QA1XMR8-10	QA1XML8-10	1/2" x 5/8"-18	23,542

"EXM" Series Carbon Steel Rod Ends

Exclusive "EXM" male rod ends use a self-lubricating liner that won't pound out. Rod ends combine a heat-treated, hard chrome-plated 52100 bearing steel ball, PTFE/Kevlar race, and carbon steel body.

Male		Bore x Thread RH Size Reference	Ult. Static Radial Load
RH	LH		
QA1EXMR8	QA1EXML8	1/2" x 1/2"-20	10,001
QA1EXMR8-10	QA1EXML8-10	1/2" x 5/8"-18	12,807

"PC" Series Chrome Moly Rod Ends

The ultimate rod ends for performance needs. Heat-treated chrome moly steel body is black oxide coated and delivers the highest load rating of any two-piece rod end. Balls are made from 52100 bearing steel, precision ground, heat-treated, and hard chrome-plated.

Male		Bore x Thread RH Size Reference	Ult. Static Radial Load
RH	LH		
QA1PCMR6	QA1PCML6	3/8" x 3/8"-24	9,088
QA1PCYMR6T*†	QA1PCYML6T*†	3/8" x 3/8"-24	11,050
QA1PCMR8	QA1PCML8	1/2" x 1/2"-20	17,000
QA1PCYMR8T*†	QA1PCYML8T*†	1/2" x 1/2"-20	15,038
QA1PCMR8-10	QA1PCML8-10	1/2" x 5/8"-18	19,300
QA1PCYMR8-10T†	QA1PCYML8-10T*†	1/2" x 5/8"-18	22,898

**** Signifies PTFE-lined rod ends. † Signifies high misalignment rod ends.***

Female	Bore x Thread RH Size Reference	Ult. Static Radial Load
RH		
QA1PCYFR6T*	3/8" x 3/8"-24	11,050

**** Signifies PTFE-lined rod ends.***

"AM" Series Aluminum Rod Ends

Male rod ends are designed to help save weight without compromising strength. Rod ends combine a nylon/PTFE injection molded race with a hard chrome-plated and heat-treated 52100 bearing steel ball, and red anodized aircraft aluminum body.

Male		Bore x Thread RH Size Reference	Ult. Static Radial Load
RH	LH		
QA1AMR5	QA1AML5	5/16" x 5/16"-24	2,284
QA1AMR6	QA1AML6	3/8" x 3/8"-24	3,457
QA1AMR8	QA1AML8	1/2" x 1/2"-20	7,700
QA1AMR8-10	QA1AML8-10	1/2" x 5/8"-18	15,000

Oversize Rod Ends

Designed for use with steering shaft tubing.

Part No.	Description
QA1AMR12-757	"AM" Series Oversize Rod End
QA1CMR12-757	"CM" Series Oversize Rod End

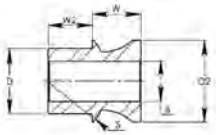
Mono Ball Bearings

Engineered for metal-to-metal contact, mono ball bearings are often used to replace OEM-style ball joints for smoother suspension movement. Bearings consist of hard chrome-plated 52100 bearing steel balls and chrome-moly steel races. Bearings are also available with PTFE-lined races for added durability.

Standard	PTFE-Lined	I.D.	O.D.	Width
QA1COM8	QA1COM8T	.500"	1.000"	.500"
QA1COM10	QA1COM10T	.625"	1.187"	.625"
QA1COM12	QA1COM12T	.750"	1.437"	.750"

High-Misalignment Spacers

High-misalignment standard ball-width spacers listed will fit WPB-T (size 14 & 16 only), AIB, SIB, and MIB spherical bearings and all inch rod ends.



Part No.	D	D2	B	W	W2	S
QA1SG12-108	.749"	.950"	.625"	.500"	.423"	1.312"

"CM" Series Carbon Steel Rod Ends

Two-piece, "CM" Series rod end uses a 52100 bearing steel ball that has been hard chrome-plated and heat-treated. The carbon steel body has been ground and protective coated for corrosion resistance.

Male			
RH	LH	Bore x Thread RH Size Reference	Ult. Static Radial Load
QA1CMR3	QA1CML3	3/16" x 10-32	1,559
QA1CMR4	QA1CML4	1/4" x 1/4"-28	2,835
QA1CMR5	QA1CML5	5/16" x 5/16"-24	4,527
QA1CMR6	QA1CML6	3/8" x 3/8"-24	6,323
QA1CMR8	QA1CML8	1/2" x 1/2"-20	10,046
QA1CMR8-10	QA1CML8-10	1/2" x 5/8"-18	13,729

Female			
RH	LH	Bore x Thread RH Size Reference	Ult. Static Radial Load
QA1CFR3	QA1CFL3	3/16" x 10-32	2,079
QA1CFR4	QA1CFL4	1/4" x 1/4"-28	3,820
QA1CFR5	QA1CFL5	5/16" x 5/16"-24	5,110
QA1CFR6	QA1CFL6	3/8" x 3/8"-24	6,323
QA1CFR8	QA1CFL8	1/2" x 1/2"-20	10,046
QA1CMR8-10	QA1CML8-10	1/2" x 5/8"-18	13,729

Clevis

Standard clevises are manufactured from carbon steel and protective coated for corrosion resistance.

Part No.	Description
QA1CL5-6	5/16" Bore, 3/8"-24 LH Threads
QA1CR5-6	5/16" Bore, 3/8"-24 RH Threads

2-1/2" I.D. Coil-Over Springs

QA1 springs are cold-wound chrome-silicone steel, thoroughly heat-treated, and shot-peened. Available chrome-plated or silver powder coated, springs are ground square on ends for straightness and clearly marked with the free length and spring rate.

Rate	7" Tall Silver	8" Tall Chrome	9" Tall Silver	10" Tall Chrome	10" Tall Silver	12" Tall Chrome	12" Tall Silver	14" Tall Chrome	14" Tall Silver
95	—	—	—	—	—	—	QA112HT095	—	QA114HT095
100	—	—	—	—	QA110HT100	—	—	—	—
110	—	—	—	—	—	—	QA112HT110	—	QA114HT110
125	—	—	—	—	QA110HT125	—	—	—	—
130	—	—	—	—	—	—	QA112HT130	—	QA114HT130
150	—	—	—	QA110CS150	QA110HT150	QA112CS150	QA112HT150	—	QA114HT150
170	—	—	—	—	—	—	QA112HT170	—	—
175	—	—	—	—	QA110HT175	QA112CS175	—	—	QA114HT175
180	—	—	QA19HT180	—	—	—	—	—	—
200	—	—	—	QA110CS200	QA110HT200	—	QA112HT200	—	QA114HT200
220	—	—	QA19HT220	—	—	—	QA112HT220	—	—
225	—	—	—	QA110CS225	QA110HT225	QA112CS225	—	—	QA114HT225
250	QA17HT250	—	QA19HT250	QA110CS250	QA110HT250	QA112CS250	QA112HT250	QA114CS250	QA114HT250
275	—	—	—	QA110CS275	QA110HT275	—	—	—	—
300	QA17HT300	—	QA19HT300	—	QA110HT300	QA112CS300	QA112HT300	—	QA114HT300
325	—	—	—	—	QA110HT325	—	—	—	—
350	QA17HT350	QA18CS350	QA19HT350	QA110CS350	QA110HT350	—	QA112HT350	—	QA114HT350
375	—	—	—	—	QA110HT375	—	—	—	—
400	QA17HT400	QA18CS400	QA19HT400	QA110CS400	QA110HT400	—	QA112HT400	—	—
425	—	—	—	—	—	—	—	—	—
450	QA17HT450	—	QA19HT450	—	QA110HT450	—	QA112HT450	—	—
500	—	QA18CS500	—	—	QA110HT500	—	QA112HT500	—	—
550	QA17HT550	—	—	—	—	—	—	—	—
600	—	—	—	—	—	—	—	—	—

QUARTER MASTER®
RACING CLUTCHES & DRIVELINE COMPONENTS

Mark II 10-Spline "Ultra-Duty" Quick-Change Pro Gears

Quarter Master uses the highest quality E9310 steel in the manufacture of their Pro Gears and finishes them with a proprietary heat-treating process for maximum strength. All gear sets are lightened except 5, 15, and 25.

Part No.	Set No.	Number of Teeth	Spur Ratio	4.11 High	4.11 Low	4.86 High	4.86 Low
QTR911029	1Q	35/36	1.029	4.23	4.00	5.00	4.72
QTR911211	9	19/23	1.211	4.98	3.40	5.88	4.01
QTR911238	3	21/26	1.238	5.09	3.32	6.01	3.92
QTR911273	18Q	22/28	1.273	5.23	3.23	6.18	3.82
QTR911318	22	22/29	1.318	5.42	3.12	6.40	3.68
QTR911350	10	20/27	1.350	5.55	3.05	6.56	3.60
QTR911350	10	20/27	1.350	5.55	3.05	6.56	3.60
QTR911381	34Q	21/29	1.381	5.68	2.98	6.71	3.52

Part No.	Set No.	Number of Teeth	Spur Ratio	4.11 High	4.11 Low	4.86 High	4.86 Low
QTR911400	14Q	20/28	1.400	5.76	2.94	6.80	3.47
QTR911421	32	19/27	1.421	5.84	2.89	6.90	3.42
QTR911450	24	20/29	1.450	5.96	2.84	7.04	3.35
QTR911476	37	21/31	1.476	6.07	2.78	7.17	3.29
QTR911500	23	22/33	1.500	6.17	2.74	7.29	3.24
QTR911533	21Q	15/23	1.533	6.30	2.68	7.45	3.17

QUICKCAR

Digital Open Wheel Gauge Panels

QRP67-2004

QRP67-2005

Lightweight aluminum panels have digital, 2-1/16" dia. electronic oil pressure and water temperature gauges with bright blue readout and graduated scale for increased readability. Built-in warning lights, pre-set with the touch of a finger, cause the lighting to flash in the event of a problem. Weather-resistant panels use a 12-volt battery for power, or for traditional sprint cars that lack a battery and require a self-contained panel. Self-contained unit uses a compact, 12-volt rechargeable battery for power and includes a switch that functions as both a kill switch and as a means of activating the gauge panel. Self-contained panel includes a battery and charger.

Part No.	Description
QRP67-2004	For Cars with 12-Volt Power, 6-3/4"W x 3"H
QRP67-2005	Self-Contained with Battery, 6-3/4"W x 4-1/16"H

Open Wheel Gauge Panels

QRP61-2204

Two-gauge panels feature 2-1/16" short sweep gauges with white faces mounted in black aluminum panels. Gauges are lightweight, without any backlighting, and are specifically designed for use with open wheel race cars such as midgets and sprint cars.

Part No.	Description
QRP61-2204	Open Wheel Panel 6-3/4" W x 3" H
QRP61-2205	Open Wheel Panel with Switch 6-3/4"H x 4-1/16"H
Replacement Parts	
QRP611-6204	2-1/16" Open Wheel Oil Pressure Gauge -4AN
QRP611-6205	2-1/16" Open Wheel Water Temperature Gauge

2-1/16" Digital Gauges

May also be purchased separately. Senders or transducers are not included.

QRP67-000

QRP67-008

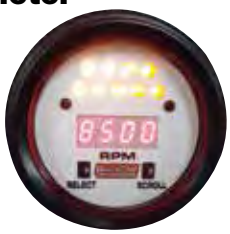
QRP67-007

QRP67-009

Part Number	Description
QRP67-000	Fuel Pressure, 0-15 PSI
QRP67-003	Oil Pressure, 0-100 PSI
QRP67-005	Fuel Pressure, 0-100 PSI
QRP67-006	Water Temperature, 100°-280°F
QRP67-007	Voltmeter, 8-18 Volts
QRP67-008	Water Pressure, 0-100 PSI
QRP67-009	Oil Temperature, 100°-320°F
Replacement Parts	
QRP67-003	Oil Pressure Gauge
QRP67-006	Water Temperature Gauge
QRP63-220	Water Temperature Sender 1-Wire
QRP63-225	Water Temperature Sender 2-Wire
QRP63-230	Oil Pressure Sender
QRP63-604	Replacement Battery Charger for 67-2005 Panel
QRP63-605	Replacement Battery Pack for 67-2005 Panel

Extreme LED Digital Tachometer

QRP611-7010



Digital tachometer's compact 2-5/8" diameter allows it to be installed into any Extreme gauge panel. Tachometer may be used as simply an RPM indicator or as a shift light. RPM settings are adjusted by simply touching the lens with a finger. Unit also includes a recall feature, which displays the highest RPM attained at the end of the race.

Extreme Gauge Panels with LED Digital Tachometer

QRP61-7042

Gauge panels feature the Extreme gauges combined with the addition of the Extreme LED Digital Tachometer, which may be used as an RPM indicator or shift light that also includes a recall feature. RPM settings are adjusted by simply touching the lens with a finger. Panels also include lightweight, 2-5/8" dia. white-faced mechanical gauges with bright red pointers mounted in gloss black finished panels. Fully assembled and pre-wired, panels are complete with necessary senders. No external warning lights are needed; gauges use LED lights and switch automatically from white to designated color when a problem arises. Gauges are mounted using vibration-absorbing grommets for added durability. Panels can be assembled with any combination of gauges by special order.

Part No.	Description
2-1 Gauge Panel	
QRP61-7031	Oil Pressure, Water Temperature, and Digital Tachometer
3-1 Gauge Panel	
QRP61-7041	Oil Pressure, Water Temperature, Oil Temperature, and Digital Tachometer
QRP61-7042	Oil Pressure, Water Temperature, Fuel Pressure, and Digital Tachometer
4-1 Gauge Panel	
QRP61-7051	Oil Pressure, Water Temperature, Oil Temperature, Fuel Pressure, and Digital Tachometer

Sprint Gauges

QRP611-6004

QRP611-6005

Lightweight 2-5/8" diameter oil pressure and water temperature gauges include shockproof rubber-mounting grommets and do not need mounting hardware.

Part No.	Description
QRP611-6004	Oil Pressure, 0-100 PSI
QRP611-6005	Water Temperature, 140°-280°F

Deluxe Sprint Panels

QRP61-6004

QRP61-6006

Tough, reliable gauge panels are outfitted with lightweight, sealed gauges and available in two styles. The Deluxe panel has a self-contained oil pressure warning system; the Pro panel fastens to dash from engine bay and stays with engine when it is pulled. Mounting hardware not included.

Part No.	Description
QRP61-6004	Deluxe Sprint Panel, with Warning Light
QRP61-6005	Pro Sprint Panel, with Warning Light
QRP61-6006	Sprint Panel, Vertical Mount

Gauge Ring Shock Guard *QRP61-727*

Rubber offset gauge grommet isolates the gauge from engine vibrations, while also providing a tight, lightweight solution for holding the gauge in place. Grommet moves gauge 3/4" towards the driver to give more room behind the gauge. Designed for 2-5/8" gauges, mounting panel will need a 2-3/4" hole for correct tolerances.

Individual Extreme Gauges

QRP611-7000

Extreme gauges are also offered separately. Gauges are 2-5/8" diameter, have white dial faces, and are complete with LED lighting and saddle bracket.

Part No.	Description
QRP611-7000	Fuel Pressure, 0-15 PSI
QRP611-7003	Oil Pressure, 0-100 PSI
QRP611-7006	Water Temperature, 140°-280°F
QRP611-7007	Voltmeter, 8-18V
QRP611-7009	Oil Temperature, 100°-320°F

Extreme Series Gauge Panels

QRP61-7021

Warning lights illuminated

Designed with the serious racer in mind, Extreme series gauges feature built-in LED lights. Under normal operating conditions, the gauges are illuminated with LED-white lights. If a problem arises, it changes to a warning color, quickly alerting the driver. Lightweight, 2-5/8" diameter gauges are mounted in the panel using a rubber grommet for reduced vibrations. Warning levels are printed in red so a quick glance is all that is needed. Panels are pre-wired with QuickCar 14-gauge wire, extra-thick, gold-plated connectors, and include senders.

Part No.	Description
2-Gauge Panel	
QRP61-7001	Oil Pressure and Water Temperature
3-Gauge Panel	
QRP61-7011	Oil Pressure, Water Temperature, and Oil Temperature
QRP61-7012	Oil Pressure, Water Temperature, and Fuel Pressure
QRP61-7017	Oil Pressure, Water Temperature, and Volt Meter
4-Gauge Panel	
QRP61-7021	Oil Pressure, Water Temperature, Oil Temperature, and Fuel Pressure

Gauge Panels

QuickCar gauge panels offer racers a revolutionary view of their large, 2-5/8" diameter gauges. Large graphics, bright red pointers, illuminated silver dial faces, 12:00 markings, and color-coded printing provide easy separation of gauges and warning lights. All panels are completely wired and ready to install. Extra-thick connectors and high-temp 14-gauge cable connects warning and illumination lights. Choose from checkered flag or black gauge panels.

Description	Checkered Flag	Black
2-Gauge Panel		
Oil Pressure and Water Temperature	QRP61-6001	QRP61-6701
3-Gauge Panel		
Oil Pressure, Water Temperature, and Oil Temperature	QRP61-6011	QRP61-6711
Oil Pressure, Water Temperature, and Fuel Pressure	QRP61-6012	QRP61-6712
4-Gauge Panel		
Oil Pressure, Water Temperature, Oil Temperature, and Fuel Pressure	QRP61-6021	QRP61-6721

Individual Gauges

Affordable, illuminated 2-5/8"gauges have silver dial faces with bright red pointers.

QRP611-6006

Part No.	Description
QRP611-6000	Fuel Pressure, 0-15 PSI
QRP611-6003	Oil Pressure, 0-100 PSI
QRP611-6006	Water Temperature, 140°-280°F
QRP611-6007	Voltmeter, 8-18 Volts
QRP611-6009	Oil Temperature, 140°-340°F

Replacement Gauge Panel Components

A variety of replacement bulbs, pilot lights, pressure and temperature switches are available for use with popular QuickCar gauge panels.

QRP61-691

Part No.	Description
QRP61-691	Red LED Bulbs for Standard QuickCar Gauges, Pair
QRP61-692	Blue LED Bulbs for Standard QuickCar Gauges, Pair
QRP61-693	Amber LED Bulbs for Standard QuickCar Gauges, Pair
QRP61-694	Green LED Bulbs for Standard QuickCar Gauges, Pair
QRP61-698	White LED Bulbs for Standard QuickCar Gauges, 4-Pack
QRP61-699	White LED Bulbs for Standard QuickCar Gauges, Each
QRP61-701	Red Warning Light, 3/4" Dia.
QRP61-702	Blue Warning Light, 3/4" Dia.
QRP61-704	Yellow Warning Light, 3/4" Dia.
QRP61-706	4-Pc. Warning Light Kit, Includes (1) Red, (1) Blue, (1) Amber and (1) Green
QRP61-709	Green Warning Light, 3/4" Dia.
QRP61-730	Fuel Pressure Switch, 1/8" NPT, Activates Warning Light @ 4 PSI
QRP61-733	Oil Pressure Switch, 1/8" NPT, Activates Warning Light @ 30 PSI
QRP61-735	Oil Pressure Switch, 1/8" NPT, Activates Warning Light @ 20 PSI
QRP61-740	Water Temperature Switch, 1/2" NPT, Activates Warning Light @ 235°F
QRP61-748	Water Temperature Switch, 3/8" NPT, Activates Warning Light @ 235°F
QRP61-750	Oil Temperature Switch, 1/2" NPT, Activates Warning Light @ 280°F

Temperature and Pressure Adapters

Required to connect mechanical water or oil temperature, and pressure gauges to engine.

QRP611-903

Part No.	Description
QRP61-724	1/8" NPT Female to -4AN Male, Gauge Adapter
QRP61-725	1/8" NPT Male to -4AN Male, Oil/Fuel Pressure Adapter
QRP611-900	1/2" NPT Brass Temperature Adapter
QRP611-901	1/2" NPT Aluminum Temperature Adapter
QRP611-902	3/8" NPT Aluminum Temperature Adapter
QRP611-903	3/8" NPT Extended Aluminum Temperature Adapter, Required Where Standard Adapter Contacts Manifold or Cylinder Head Prior to Tightening

Fuel Pressure Isolator *QRP61-300*

Eliminates the hazards associated with driver's compartment-mounted fuel pressure gauges. Typically mounted to the engine side firewall, isolator is compatible with gasoline, alcohol, or methanol fuels. Manufactured from black anodized, 6061-T6 billet aluminum, isolator is capable of monitoring pressures up to 80 PSI and is sold complete with -4AN adapters and mounting hardware.

Quick-Lite Warning Light Kits

Warning light kits immediately alert the driver of engine problems. Each kit is sold complete with warning light, sending switch, and wiring.

Oil Pressure Kit *QRP61-711*

Kit includes red warning light, pressure sending unit that actuates the warning light if oil pressure drops below 20 PSI, brass in-line tee for oil pressure line, and pre-terminated wiring.

Water Temperature Kit *QRP61-712*

Kit includes blue warning light, temperature sending unit that actuates the warning light if water temperature exceeds 235°F, and pre-terminated wiring.

Oil Temperature Kit *QRP61-714*

Kit includes amber warning light, temperature sending unit that actuates the warning light if oil temperature exceeds 280°F, and pre-terminated wiring.

Fuel Pressure Kit *QRP61-719*

Kit includes green warning light, pressure sending unit that actuates the warning light if fuel pressure drops below 4 PSI, and pre-terminated wiring.

Water Pressure Kit *QRP61-713*

Kit provides instant notice in the event of a blown hose, radiator, or head gasket problem. Sold complete with blue warning light, pressure sending unit that actuates the warning light if water pressure drops below 4 PSI, and pre-terminated wiring.

Quick-Lite 9V Oil Pressure Warning Kits

Part No.	Description
QRP61-717	Oil Pressure Warning, Includes Brass Tee Fitting
QRP61-718	Pro Oil Pressure Warning, Includes Aluminum Tee Fitting

QRP61-717

Water Pressure Kit with 2-1/16" Dia. Gauge *QRP61-716*

Keep track of spikes or loss of cooling system pressure. Kit is similar to the QRP61-713 kit with the addition of a 2-1/16" dia., 0-35 PSI water pressure gauge.

Race Wire

Fine-stranded, rope-lay copper construction wire offers high flexibility, superior power flow, and insulation capable of handling extreme temperatures.

Size	Black	Red	White
5', 2-Gauge	QRP57-323	QRP57-321	—
5', 4-Gauge	QRP57-343	QRP57-341	—
10', 8-Gauge	QRP57-2501	—	—
10', 14-Gauge	QRP57-2031	QRP57-2011	QRP57-2361
15', 2-Gauge	QRP57-1523	QRP57-1521	—
15', 4-Gauge	QRP57-1543	QRP57-1541	—

Ignition Control Panels

Panels incorporate high-current copper wire with heavy-duty connectors and bridged double-pole switches with waterproof boots, allowing for exceptional reliability. All panels are pre-wired and plug directly into QuickCar wiring harnesses, unless specified.

Extreme Ignition Control Panels

QRP50-720

Attractive, gloss black panels feature a fully weatherproof design, are completely pre-wired, and are designed to plug directly into ignition wiring harness. Panels are offered for applications using a standard single- or dual-ignition system. Wiring harness must be purchased separately.

Part No.	Description
Standard Ignition Control Panels	
QRP50-720	Includes Ignition, Momentary Starter, and Single Accessory, Use 50-200 Or 50-201 Harness, 4-5/8"W x 2-1/2"H
QRP50-731	Includes Ignition, Momentary Starter, and Single Accessory, Use 50-2031 Harness 4-5/8"W x 2-1/2"H
QRP50-740	Includes Ignition, Momentary Starter, and Two Accessories, Use 50-200 Or 50-201 Harness 4-1/8"W x 3"H
QRP50-750	Includes Ignition and Momentary Starter, Use 50-200 or 50-201 Harness, 3-3/8"W x 3-1/2"H
QRP50-790	Includes Ignition, Momentary Starter and Single Accessory, Use 50-200 Or 50-201 Harness, 2-1/2"W x 4-5/8"H
QRP50-7431	Includes Ignition, Momentary Starter and Two Accessories, Use 50-2031 Harness, 4-1/8"W x 3"H
QRP50-7531	Includes Ignition and Momentary Starter, Use 50-2031 Harness, 3-3/8" W x 3-1/2"H
QRP50-7631	Includes Ignition, Momentary Starter and Four Accessories, Use 50-2031 Harness, 3-1/2"W x 3-3/8"H
QRP50-7931	Includes Ignition, Momentary Starter and Single Accessory, Use 50-2031 Harness, 3-1/2"W x 3-3/8"H
Dual Ignition Control Panels	
QRP50-711	Includes Ignition, Momentary Starter and Single Accessory, Use 50-2021 Harness, 4-5/8"W x 2-1/2"H
QRP50-7411	Includes Ignition, Momentary Starter and Two Accessories, Use 50-2021 Harness 4-1/8"W x 3"H
QRP50-7611	Includes Ignition, Momentary Starter and Four Accessories, Use 50-2021 Harness, 3-1/2"W x 3-3/8"H
QRP50-7911	Includes Ignition, Momentary Starter and Single Accessory, Use 50-2021 Harness. 2-1/2"W x 4-5/8"H

Ignition Control Panels

QRP50-820

Traditional QuickCar gauge panels feature ignition switch, momentary starter button, and are available with a variety of accessory switches and pilot lights. Offered in black or with checkered flag graphics, panels are completely pre-wired and ready to install. Panels plug directly into QuickCar wiring harness (unless specified), purchased separately.

Description	Checkered Flag	Black
Includes Ignition, Starter, and Single Acc. Switch, Use 50-200 or 50-201 Harness, 4-5/8"W x 2-1/2"H	QRP50-020	QRP50-820
Includes Ignition, Starter, Single Acc. Switch, and Two Pilot Lights, Use 50-200 or 50-201 Harness, 4-5/8"W x 4-3/8"H	QRP50-022	QRP50-822
Includes Ignition with Flip Cover, Starter, Single Acc. Switch, and Two Pilot Lights, Use 50-200 or 50-201 Harness	QRP50-023	QRP50-823
Includes Ignition, Starter, Two Acc. Switches, and Three Pilot Lights, Use 50-200 or 50-201 Harness, 4-5/8"W x 4-3/8"H	QRP50-025	QRP50-825

Momentary Ignition/Starter Switch with Wiring Harness

QRP50-507

Perfect for open wheel applications, momentary ignition/starter switch and wiring harness is the most economical kit available.

Ignition Panel Replacement Components

QRP50-034

QRP50-510

QRP50-400

Part No.	Description
QRP50-034	3-Wheel Brake Harness, Uses Weatherpack Connectors
QRP50-400	Momentary Micro Switch. Waterproof
QRP50-410	Single Pole Micro Switch, Waterproof
QRP50-500	Standard Single Pole Switch
QRP50-505	Bridged Double Pole Switch
QRP50-506	Momentary Ignition/Starter Switch
QRP50-510	Momentary Push-To-Start Switch
QRP50-512	Momentary Toggle Switch
QRP50-601	Red Pilot Light
QRP50-602	Blue LED
QRP50-604	Amber LED
QRP50-609	Green Pilot Light
QRP50-610	Bootfor Toggle Switch
QRP52-510	Momentary Start Rocker Switch

Switch Panel Sticker Kits

Customize QuickCar ignition control panels quickly and easily while keeping a professional appearance. Sticker kits include labels for 16 various functions that can be activated with accessory switches.

Part No.	Description
QRP50-003	Panels with Six or More Switches
QRP50-004	Panels with Five or Fewer Switches

QUICKCAR

Battery Cable Kits

Kits have everything needed to connect power throughout the race car. Includes 15' of red cable, 2' of black cable, (2) nickel-plated brass marine-style battery terminals, (8) tin-plated power rings, and heat-shrink tubing.

Part No.	Description
QRP57-009	4-Gauge Battery Cable Kit
QRP57-010	2-Gauge Battery Cable Kit

Battery Cable Boots *QRP57-604*

May be used for covering battery terminals on small-terminal batteries or starter solenoid connections. Boots may be used with up to 2-gauge cable. Sold as a pair, (1) red and (1) black.

Top-Mounted Battery Terminals

Machined from solid brass stock or nickel/brass and 24K gold-plated for optimum conductivity, Terminals attach battery cables to top-mount batteries. Sold in pairs.

Part No.	Description
QRP57-610	Nickel/Brass Terminals, Wing-Nut Style
QRP57-620	Brass Terminals, Button Head Screw-In Style

Battery Quick Disconnects

Heavy-duty disconnects allow quick battery changes. Sold individually, complete with connectors.

Part No.	Description
QRP57-704	8 AWG
QRP57-705	2 AWG
QRP57-706	4 AWG

Battery Disconnect Boots

Protects battery disconnect terminals from being accidentally shorted. Sold per pair, boots may be used with up to 2-gauge cable.

Part No.	Description
QRP57-601	Red, Pair
QRP57-602	Black, Pair

Crimp/Solder Power Rings

One-piece, 24K gold-plated copper power rings are waterproof when used with included shrink tubing. 1/4", 5/16", or 3/8" stud hole. Sold in pairs.

Part No.	Description
QRP57-450	#6 12-Gauge
QRP57-470	#10 12-Gauge
QRP57-490	5/16" Open 8-Gauge
QRP57-520	5/16" 4-Gauge
QRP57-525	1/4" 4-Gauge
QRP57-530	3/8" 4-Gauge
QRP57-540	5/16" 2-Gauge
QRP57-550	3/8" 2-Gauge

Remote Charging Posts

Provides remote access to battery. Terminals have insulated covers to prevent accidental contact from parts with opposing polarity.

Part No.	Description
QRP57-701	Red
QRP57-702	Black
QRP57-703	Red and Black, Pair

Remote Charging Post Mounting Brackets

Mount remote charging posts (QRP57-703) neatly and effectively. Brackets are manufactured from precision machined, black anodized aluminum, and are offered flat for mounting to a flat surface, or bent to mount on firewall or inside of trunk.

Part No.	Description
QRP57-708	Flat Charging Post Bracket
QRP57-709	Bent Charging Post Bracket

Remote Outlet Kits

QRP57-723

Connect battery chargers, oil heaters, etc. quickly and more effectively. Kits attach easily to outside body panels, providing remote access to batteries, oil heaters, etc.

Part No.	Description
QRP57-711	Remote Outlet for Oil Heater or Battery Charger
QRP57-723	Remote Battery Charger Outlet with Cover
QRP57-710	Remote Outlet Only, 110-Volt Male Recessed

Gator Clamps *QRP50-435*

Heavy-duty gator clamps are ideal for repairing or customizing battery charger connectors, remote starters, etc. Sold in pairs, (1) red and (1) black rubber-coated.

Weatherpack Starter Kit *QRP50-380*

An exceptionally secure wire termination with a waterproof cable for connecting ignition or accessories throughout the car. Perfect when building a new car or updating an existing one, 230-piece kit includes a full selection of Weatherpack connectors, all in a neat plastic case. Weatherpack connectors may also be purchased separately.

Part No.	Description
QRP50-312	1-Pin Connector
QRP50-322	2-Pin Connector
QRP50-332	3-Pin Connector
QRP50-342	4-Pin Connector
QRP50-362	6-Pin Connector

LED Light Strips

LED light strips can be placed virtually anywhere where lighting is desired, inside the driver's compartment, under the hood, etc. Offered in a variety of colors.

Part No.	Description
QRP61-791	Yellow LED Strip
QRP61-792	Blue LED Strip
QRP61-793	Green LED Strip
QRP61-794	Purple LED Strip
QRP61-9790	Red LED Strip

LED Under-Car Light Kit

Perfect for dark pit areas when an urgent under-car repair is required. Bright white, 18" long LED light strip installs easily under car or in any dark area where lighting is required.

QRP61-795 - Lights On

QRP61-795 - Lights Off

Part No.	Description
QRP61-795	LED Under-Car Light Kit
QRP61-9795	Replacement LED Strip with Connectors

Premium Black Cable Ties
QRP58-250

Made of weather-resistant black nylon, 15" long cable ties include metal locking barbs to provide a reliable, locking force. Sold in packs of 50.

Ratcheting Crimper Pliers
QRP50-395

Perform professional-quality crimps to a variety of electrical terminals including insulated, non-insulated, Weatherpack, or spark plug wire. Design allows quick jaw changes without the need for tools. Pliers also allow adjustment for crimping pressure.

Heavy-Duty Automatic Wire Stripper *QRP50-393*

Heavy-duty, 6" pliers allow quickly stripping 8-18 gauge wires for termination. A bolt-on depth adjustment guide provides consistent, reliable strip length.

Aluminum Carb Hat
QRP64-146

Installed during storage or transport, heavy-duty aluminum carb hat uses an O-ring seal to protect engine from dirt and debris.

Crank Trigger Wiring Harness Extension
QRP50-206

Wiring harness is used to extend the common MSD purple/green wires 2-1/2' so that it may be hooked up to the crank trigger on the front of the engine.

Sleeved Race Spark Plug Wire

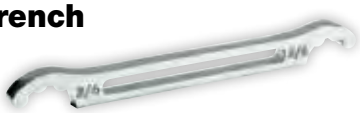
Premium-quality spark plug wire offers quick energy transfer, less than 40 ohms/ft. of resistance, and high EMI (Electro Magnetic Interference) and RFI (Radio Frequency Interference) suppression. Flexible, high-strength wire is constructed using a Kevlar core and nickel-copper alloy-wound conductor that is covered with two full layers of silicone-impregnated fiberglass, resulting in a 11.5mm O.D. and 1,400°F of heat resistance. High-temperature silicone boots resist temperatures up to 600°F, while the posi-snap terminals provide a secure connection. Cylinder numbers are labeled on both ends. Compatible with most ignition systems. Choose from red or black wire sets.

Description	Red	Black
12" Coil Wire Only, HEI/HEI	QRP40-121	QRP40-123
12" Coil Wire Only, HEI/Socket	QRP40-125	QRP40-127
18" Coil Wire Only, HEI/HEI	QRP40-181	QRP40-183
18" Coil Wire Only, HEI/Socket	QRP40-185	QRP40-187
24" Coil Wire Only, HEI/HEI	QRP40-241	QRP40-243
24" Coil Wire Only, HEI/Socket	—	QRP40-247
36" Coil Wire Only, HEI/HEI	QRP40-361	QRP40-363
36" Coil Wire Only, HEI/Socket	QRP40-365	QRP40-367
42" Coil Wire Only, HEI/HEI	QRP40-421	QRP40-423
42" Coil Wire Only, HEI/Socket	QRP40-425	QRP40-427

Suspension Tube Ruler
QRP66-100

Measure nearly any suspension component fitted with rod ends including suspension tubes, tie rods, etc. Black powder-coated ruler includes a locking thumb screw and provides precise measurements up to 36". Sold complete with aluminum adapters to measure components with 1/2", 5/8", or 3/4" rod ends. Optional adapters allow measuring parts with 1/4", 5/16", or 3/8" rod ends.

Suspension Tube Wrench
QRP66-6275



Double-ended, heavy-duty steel wrench allows for quick adjustments to QuickCar 5/8" or 3/4" O.D. suspension tubing.

Aluminum Suspension Tubes

Manufactured in the USA from rigid 6061 aluminum, QuickCar suspension tubes are up to 35% stronger than hex or round units. Suspension tubes include precision-machined ends, corrosion-resistant black anodized finish and identification on the LH end. Unique design allows easy adjustment by hand or with a wrench. Choose from 21/32" O.D. with 5/16"-24 threads, 21/32" O.D. with 3/8"-24 threads, or 1-1/8" O.D. with 5/8"-18 threads.

Length	21/32" O.D. 5/16"-24 Threads	21/32" O.D. 3/8"-24 Threads	1-1/8" O.D. 5/8"-18 Threads
6"	QRP31-060	—	—
6.5"	QRP31-065	—	—
7"	QRP31-070	—	QRP62-070
7.5"	QRP31-075	—	QRP62-075
8"	QRP31-080	QRP38-080	QRP62-080
8.5"	QRP31-085	QRP38-085	QRP62-085
9"	QRP31-090	QRP38-090	QRP62-090
9.5"	QRP31-095	QRP38-095	QRP62-095
10"	QRP31-100	QRP38-100	QRP62-100
10.5"	QRP31-105	QRP38-105	QRP62-105
11"	QRP31-110	QRP38-110	QRP62-110
11.5"	QRP31-115	QRP38-115	QRP62-115
12"	QRP31-120	QRP38-120	QRP62-120
12.5"	QRP31-125	QRP38-125	QRP62-125
13"	QRP31-130	QRP38-130	QRP62-130
13.5"	QRP31-135	QRP38-135	QRP62-135
14"	QRP31-140	QRP38-140	QRP62-140
14.5"	QRP31-145	QRP38-145	QRP62-145
15"	QRP31-150	QRP38-150	QRP62-150
15.5"	QRP31-155	QRP38-155	QRP62-155
16"	QRP31-160	QRP38-160	QRP62-160
16.5"	QRP31-165	QRP38-165	QRP62-165
17"	QRP31-170	QRP38-170	QRP62-170
17.5"	QRP31-175	QRP38-175	QRP62-175
18"	QRP31-180	QRP38-180	QRP62-180
18.5"	QRP31-185	QRP38-185	QRP62-185
19"	QRP31-190	QRP38-190	QRP62-190
19.5"	QRP31-195	QRP38-195	QRP62-195
20"	QRP31-200	QRP38-200	QRP62-200
20.5"	QRP31-205	—	QRP62-205
21"	QRP31-210	QRP38-210	QRP62-210
21.5"	QRP31-215	—	QRP62-215
22"	QRP31-220	QRP38-220	QRP62-220
22.5"	QRP31-225	—	QRP62-225
23"	QRP31-230	QRP38-230	QRP62-230
23.5"	QRP31-235	—	QRP62-235
24"	QRP31-240	QRP38-240	QRP62-240
24.5"	QRP31-245	—	QRP62-245
25"	QRP31-250	QRP38-250	QRP62-250
25.5"	QRP31-255	—	—
26"	QRP31-260	QRP38-260	—
27"	—	—	QRP62-270
28"	—	QRP38-280	QRP62-280
31"	—	—	QRP62-310
39"	—	—	QRP62-390
40"	—	—	QRP62-400
45.7"	—	—	QRP62-457
46.5"	—	—	QRP62-465
47.7"	—	—	QRP62-477
48"	—	—	QRP62-480
48.7"	—	—	QRP62-487
49"	—	—	QRP62-490
50"	—	—	QRP62-500
51"	—	—	QRP62-510
72"	—	—	QRP62-600

Steering Wheels

Quality dished aluminum or steel spoked steering wheels are offered with a choice of smooth red, blue, or black grips.

Description	Black	Red	Blue
15" Steel Steering Wheel	QRP68-003	QRP68-0031	QRP68-0032
15" Aluminum Steering Wheel	QRP68-001	QRP68-0011	QRP68-0012
17" Aluminum Steering Wheel	QRP68-002	—	QRP68-0022

Lightweight Steering Wheels

Lightweight, 15" diameter aluminum steering wheels are drilled and shot peened to reduce weight and increase grip. Steering wheels weigh less than 1 lb. and include a 1-1/2" dish. Choose from natural or black powder-coated finish.

Part No.	Description
QRP68-005	Natural Finish
QRP68-006	Black Finish

Steering Wheel Disconnects

Precision machined from billet aluminum, steering wheel disconnects are offered in hex hub 360°, fine spline hub 360°, and hex hub button styles.

Part No.	Description
QRP68-010	Hex Hub Button-Style Disconnect
QRP68-012	Hex Hub 360° Disconnect
QRP68-015	Fine Spline Hub 360° Disconnect
Weld-On Hub Steel Adapters	
QRP68-0109	Fits Hex Hub Button-Style (QRP68-010)
QRP68-0129	Fits Hex Hub 360° Style (QRP68-012)
QRP68-0159	Fits Fine Spline Hub 360° Style (QRP68-015)

QRP68-010

QRP68-0129

Mini Brake Bias Gauge Panels

QRP61-105

Mini, 2-3/4" x 4-1/2" brake bias gauge panels have 1-1/2" diameter gauges with bleeders to evacuate air pockets and establish a reference point for pressure ratios. Offered with checkered flag or black panel.

Part No.	Description
QRP61-101	Vertical Mount, Checkered Flag
QRP61-103	Horizontal Mount, Checkered Flag
QRP61-105	Vertical Mount, Black

Digital Tread Depth Gauge

QRP56-102

Determine tread depth quickly and effectively. Precision gauge includes a digital display in decimals or fractions, while the billet aluminum, non-rocking base helps ensure accurate measurements.

Hawk Tire Tape

Tape's unique hawk tip securely grabs any surface, won't pull loose, and measures to 10'.

Part No.	Description
QRP56-110	Tire Tape
QRP56-111	Tire Tape, Carded

Deluxe Tire Durometer
QRP56-155

Checks hardness of tire to determine condition. Includes carrying pouch.

Angle Head AN Wrench Set
QRP64-709

Five-piece set includes -6AN through -16AN double-ended wrenches.

Economy Digital Tire Pressure Gauge *QRP56-070*

Features a 2" diameter face. Range is 0-100 PSI and reads in .5 pound increments. Comes with a 14" hose with a 45° swivel chuck and relief valve. Battery is Included and pre-installed.

Dual Timing Systems

Systems include attractive, easy-to-hold acrylic clipboard (choose red, yellow, black, or red/white/blue), two Robic 505 stopwatches, five qualifying sheets, and five 50-lap chart sheets. Additional lap chart and chassis set-up sheets are available.

Part No.	Description
QRP51-051	Dual Timing System, Red Clipboard
QRP51-052	Dual Timing System, Black Clipboard
QRP51-053	Dual Timing System, Yellow Clipboard
QRP51-054	Dual Timing System, Red/White/Blue Clipboard
QRP51-201	Chassis Set-Up Pad, 50 Sheets
QRP51-210	Pre-Race Chassis Set-Up Pad, 50 Sheets
QRP51-215	Post-Race Chassis Set-Up Pad, 50 Sheets
QRP51-230	50-Lap Chart Pad, 50 Sheets

Tire Inflators

Check tire pressures while inflating or deflating tires. Precision tire inflators include air release buttons, stainless steel braided air hoses, chrome-plated angle chucks, and choice of Dry, Glo, or Liquid-Filled gauge heads in 0-20 PSI, 0-40 PSI, and 0-60 PSI versions. Offered in 0-60 PSI and 0-100 PSI versions, digital tire inflators feature easy-to-read backlit screens, auto shut-off feature for extended battery life, and accuracy calibrated to .5%.

Description	Dry Heads	Glo Heads	Liquid-Filled	Digital
0-20 PSI	QRP56-220	QRP56-222	QRP56-221	—
0-40 PSI	QRP56-240	QRP56-242	QRP56-241	—
0-60 PSI	QRP56-260	QRP56-262	QRP56-261	QRP56-285
0-100 PSI	—	—	—	QRP56-270

Robic 505 Stopwatches

Watches offer 5-lap memory and times every lap. Four colors.

Part No.	Description
QRP51-037	Red StopWatch
QRP51-038	Black StopWatch
QRP51-039	Yellow StopWatch
QRP51-040	Blue StopWatch

Aluminum Valve Core Tool
QRP56-100

Pocket-sized tool allows quick removal or replacement of valve cores. Tool is manufactured from durable billet aluminum with a red anodized finish for corrosion resistance.

Clipboards

Comfortable to hold and visually unique, boards are made of polished aluminum or in sturdy red or black acrylic.

Part No.	Description
QRP51-041	Red Clipboard
QRP51-043	Black Clipboard
QRP51-048	Aluminum Finish Clipboard

Tire Pressure Gauges

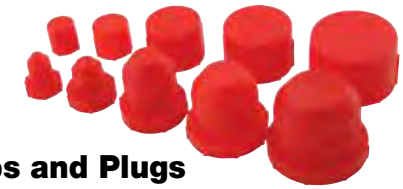
Rugged 2-1/2" diameter tire pressure gauges with pressure relief valves use the entire gauge range for more accurate readings. Features include shock resistant boots and 14" hoses with strain reliefs on each end. Recommended: Dirt 20 PSI, Asphalt 40 PSI, Road Racing 60 PSI.

Description	0-20 PSI	0-40 PSI	0-60 PSI
Dry Gauges	QRP56-020	QRP56-040	QRP56-060
Liquid-Filled Gauges	QRP56-021	QRP56-041	QRP56-061
Glow-In-The-Dark Gauges	QRP56-022	QRP56-042	QRP56-062

MSD Box Quick-Release Mount

QRP50-442

Mount fastens to car with quick-fasteners to allow fast installation and removal.



Plastic Caps and Plugs

QRP64-225

Kit includes male caps and female plugs in sizes -4AN through -16AN.

Molded Bump Stops

Bump stops, in 1/2" and 1" heights, are available in eight durometer ratings.

Description	Part No.
.500"	
Black/Soft (50 Durometer)	RESRE-BR-RSW-550
Purple (60 Durometer)	RESRE-BR-RSW-560
Green (70 Durometer)	RESRE-BR-RSW-570
Yellow (80 Durometer)	RESRE-BR-RSW-580
1.00"	
Black/Soft (50 Durometer)	RESRE-BR-RSW-350
Purple (60 Durometer)	RESRE-BR-RSW-360
Yellow (80 Durometer)	RESRE-BR-RSW-380
Red (85 Durometer)	RESRE-BR-RSW-385
Blue (90 Durometer)	RESRE-BR-RSW-390
Orange (93 Durometer)	RESRE-BR-RSW-393
Black (95 Durometer)	RESRE-BR-RSW-395

Bump Rubbers

Description	Part No.
58mm, 2.27" H x 1.94" W	
Blue (Hard)	RESRE-BR-COT58-40
Red (Soft)	RESRE-BR-COT58-25
White (Medium)	RESRE-BR-COT58-30
75mm, 3.00" H x 1.94" W	
Blue (Hard)	RESRE-BR-COT75-55
Red (Soft)	RESRE-BR-COT75-40
White (Medium)	RESRE-BR-COT75-45

Packers

Description	Part No.
1/16" Thick	
14mm, .551"	RESRE-BR-PK14-063
16mm, .625"	RESRE-BR-PK16-063
1/8" Thick	
14mm, .551"	RESRE-BR-PK14-125
16mm, .625"	RESRE-BR-PK16-125

Bump Stop Spacers

Made from billet aluminum.

Description	Part No.
1" Thick	
14mm	RESRE-BR-SPCR14-1
16mm	RESRE-BR-SPCR16-1
1/2" Thick	
14mm	RESRE-BR-SPCR14-500
16mm	RESRE-BR-SPCR16-500

Bump Rubber Cups

Available to fit Bilstein, RE, Penske, AFCO, and Ohlins shock absorbers.

Part No.	Description
RESRE-BRCUP-14/1	Bilstein
RESRE-BRCUP-14/3	RE Suspension
RESRE-BRCUP-16/1	Ohlins, AFCO
RESRE-BRCUP-16/3	3"
RESRE-BRCUP-625/1	Penske
RESRE-BRCUP-625/3S	Penske, 3"

RESRE-BRCUP-14/1

Bump Stop System Accessories

RESRE-BR-NT73

RESRE-BR-WSHR-200-16

Part No.	Description
Bump Stop Steel Nut	
RESRE-BR-NT73	Penske
RESRE-BR-NTBIL	Bilstein
Bump Stop Divider Washer	
RESRE-BR-WSHR-200-16	Flat
RESRE-BR-WASHER-5	5° Taper
RESRE-BR-WASHER-10	10° Taper

Rechargeable Transponder Package

RCVTXPKG01

The transponders are light, compact devices attached to each vehicle. Each transponder is assigned a unique identification number to differentiate individual vehicles. As the vehicle passes over the loop antenna, the decoder reads this identification number and determines a crossing time. The transmitters have convenient LED indicators for operational status. A green LED indicates the transmitter is working. A red LED indicates a low-battery condition - there is no guesswork in determining battery status. During a race, the transmitter is also capable of relaying a low-battery status to the Race Management System and informing the system operator of this condition. The transponder comes with a mount, pouch, and charger.

LapCeiver A.L.T. (Audible Lap Timer)

RCVLAP-ALT-100

View lap times on a large LCD display or hear them audibly using a separate earpiece (purchased separately). The LapCeiver A.L.T. has two different modes of operation. In transponder mode, the unit works with the track's timing system and a LapCeiver transmitter, allowing up to five transponders into the LapCeiver A.L.T., one in each of the five memory banks. The IR (Infra-Red) mode uses an IR beacon transmitter that is set-up across the track, while an IR detector is mounted to the car. Once the car passes through the beams, the timing data comes up on the display.

Elements

The NEW RACEceiver Element is water- and dust-resistant with an internal rechargeable battery. Race officials broadcast directly to drivers, allowing faster line-ups and restarts. Instant notifications of track conditions. Coaches can provide instant feedback and motivational comments, improving skills and overall performance. Just connect the unit to a power source using the included USB charging cable for a full charge in about 4 hours. The RACEceiver Element has the same preprogrammed 1600 UHF channels used by all RACEceivers, allowing use at all tracks where the RACEceiver is mandated. The Element comes with a USB charge cord and holster.

Part No.	Description
RCVEL16R	Without Earpiece
RCVEL16R/REP	With Rookie Earpiece
RCVEL16R/SPK	With Semi-Pro Earpiece

Fusion+

Compact and affordable with superior reception quality, the Fusion+ communication device is revolutionizing oval track racing, providing safer racing for racers and officials alike. Mandated by many short tracks, the Fusion+ allows officials to communicate with all of the drivers simultaneously, providing direct communication and warnings about on-track accidents or debris. The unit is preprogrammed; just dial up the track channel. A programmable default channel allows "saving" the channel, while an added button lock eliminates unwanted channel or volume changes. Sold complete with holster clip, AAA battery, and complete instructions. Unit may be purchased separately, or complete with earpiece.

Part No.	Description
RCVCFUS16	Fusion+
RCVCFUS16REP	Fusion+ Rookie Driver Kit, Includes Earpiece
RCVCFUS16SPK	Fusion+ Semi-Pro Driver Kit, Includes Earpiece

Legend+

Eliminate the need for separate earpieces when using a RaceCeiver and 2-way radio. RaceCeiver Legend+ includes two audio ports, inputing audio from both the track and a 2-way radio so that the driver may use just a single earpiece to listen to both audio sources. Unit automatically reduces the volume of the audio from the 2-way radio when officials are making announcements on the RaceCeiver frequency. Sold complete with fully enclosed holster, AAA battery, 36mm male-to-male coiled cord and instructions.

Part No.	Description
RCVSD1600	Legend+
RCVCC360	Replacement 36mm Cord, Legend+ to 2-Way Radio

RaceCeiver Accessories and Replacement Components

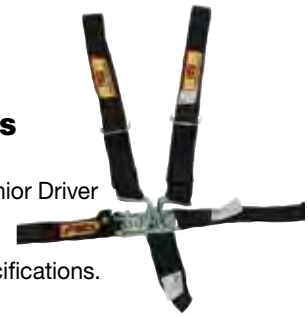
Part No.	Description
RCVHD16R	Rubber Holster with Clip
RCVCARBX	Car Box, Mounts RaceCeiver inside Car, Will Not Mount TruScan
RCVEP700	Semi-Pro Earpiece, Dual
RCVEP900R	Rookie Earpiece
RCVHD16C	Holster Clip
RCVHD16H	Helmet Enclosed Holster
RCVHD16R	Rubber Holster with Clip
RCVHS100	Helmet Speaker Kit, 3.5mm Velcro Backed Speakers Install into Any Helmet
RCVICU-100	Transponder Charging Unit
RCVPAD200	Foam Pads For Professional or Semi-Pro Earpieces
RCVPADRK	Ear Bud Rubber Tips

Driver Restraints

Five-point, 3" wide driver restraints are manufactured with premium-quality, extra-long webbing with required mounting hardware for roll bar, floor, bolt-in, or wrap-around mount. Sets include 72" shoulder belts, choice of latch-and-link or camlock, and meet SFI 16.1 specifications. Black only.

Part No.	Description
Wrap-Around or Bolt-In Driver Restraints	
RCI9210CD	Cam Lock System, Black, Pull-Down Lap
RCI9210D	Latch And Link System, Black, Pull-Down Lap
Wrap-Around Only Driver Restraints	
RCI9411D	Latch-and-Link System, Black, Pull-Up Lap
RCI9411CD	Camlock System, Black, Pull-Up Lap

Junior Driver Restraints *RCI9410D*



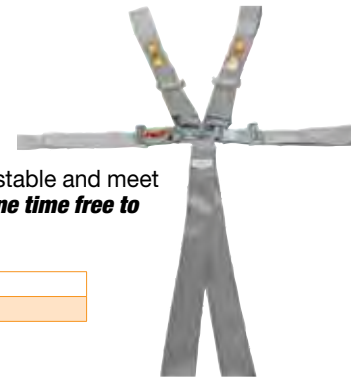
Ideal for mini sprints, universal Junior Driver Restraints include 2" wide latch-and-link harness with pull up lap belts. Restraints meet SFI 16.1 specifications. Black only.

Fuel Cell Accessories

Part No.	Description
-8AN Rollover Valve	
RCI7020A	Bolt-In
RCI7021A	In-Line

RCI7020A RCI7021A

Platinum Driver Restraints



Top-of-the-line Platinum Driver Restraints incorporate 3" wide polyester webbing for greater strength under load and high-strength alloy hardware. Universal 5- or 6-point systems are fully adjustable and meet SFI 16.1 specifications with a 4-year approval period. ***Note: RCI will recertify any Platinum restraint one time free to allow an additional 2 years of certification.***

Part No.	Description
RCI9210CPL	Wrap-Around or Bolt-In Camlock System, Pull-Down Lap
RCI9210PL	Wrap-Around or Bolt-In Latch-and-Link System, Pull-Down Lap

RACING EQUIPMENT

5-Point Individual Wrap-Around Harness Systems

RJS 5-point, 3" racing harness meets recently adopted SFI specification requiring individual mount shoulder harnesses. Choose wrap-around mounts in black, blue, or red with 2" or 3" wide submarine belts. Wrap-around systems include hardware for wrap-around or bolt-in mount.

Black	Blue
Harness With 2" Sub Belt	
RJS1130401	RJS1130403

5-Point Quick-Release Harness Systems

Belt hook-up and release is easy with the aluminum quick-release mechanism. Belt ends are high-quality 4130 chrome moly steel and each system meets SFI 16.1 specs. Available in wrap-around style shoulder straps with 2" or 3" wide submarine belt in black, blue, or red.

Black	Blue	Red
2" Sub Belt		
RJS1034101	RJS1034103	RJS1034104
3" Sub Belt		
RJS1034903	RJS1034904	—

5-Point Junior Harness System *RJS1004101*

Bolt-in junior harness includes 2" wide shoulder harness, lap belts, submarine belt, and pull-up style adjust. Meets SFI 16.1 specifications. Black only.

3" Wrap-Around Shoulder Harness *RJS16003901*

Use with any 3" latch-type belt. Harnesses are offered in wrap-around configuration that loops around roll bar tubing, running horizontally and below driver's shoulders. Belts meet 16.1 SFI specs. Black.

Submarine Belts

Submarine belts may be used with any latch-type 3" belt and harness. The fully adjustable model has the same type adjuster, with anti-slip springs, used on RJS seat belts. Choose from 2" or 3" wide single, or 2" wide double belts. Belts meet 16.1 SFI specs.

Part No.	Description
Black	
RJS17000501	2" Wide Single
RJS17000301	2" Wide Double

RJS RACING EQUIPMENT

3" Harness Pads

Easy to install, pads slip over belts for extra driver comfort. Available in black, blue, and red. SFI approved.

Part No.	Color
RJS11001201	Black
RJS11001203	Blue
RJS11001204	Red

2" Slide Bar *RJS140005*

Helmet Restraint *RJS11000801*

Helmet restraint reduces neck fatigue and is easy to attach or remove. Adjusts easily and includes "D" ring attachment for installation. Compatible with any helmet. Offered in black only

Arm Restraints

Universal arm restraints work with 3" lap belt, or the 4- or 5-way quick release. For use in all types of race cars, restraint is easy to install and comfortable to use. Made from 1" webbing with 2" arm bands and "D" rings to prevent slippage.

Color	Part No.
Arm Restraints	
Black	RJS11000301
Blue	RJS11000303
Red	RJS11000304
Jr. Arm Restraints	
Black	RJS11001701

Sprint Car Roll Cage Nets

Sprint car nets are complete, easy-to-assemble with all mounting hardware, and feature a quick-release front. Nets are for 2-point hook-up.

Color	Part No.
2-Point Nets	
Black	RJS10001501
Blue	RJS10001503

Nomex Underwear

Fire-retardant underwear provide a vital thermal barrier for added safety. Sold in two-piece sets (top and bottom). Nomex socks and hoods are also available.

Size	Part No.
Underwear - Junior	
Jr. 6/8	RJS800010022
Underwear - Adult	
Medium	RJS800010004
Large	RJS800010005
X-Large	RJS800010006
Socks - Adult	
Large	RJS800070005
X-Large	RJS800070006
Hood	
Junior	RJS8001000
Adult	RJS8000800

Driving Gloves

Two layers of knitted Nomex are used with top and bottom gauntlets, elasticized wrists, and calf skin palms. Single-layer gloves are the same except for Velcro closures on back. Single-layer gloves meet SFI 3.3/1; double-layer gloves meet SFI 3.3/5 specs.

Size	Part No.
Single Layer	
Black	
Small	RJS600020103
Medium	RJS600020104
Large	RJS600020105
X-Large	RJS600020106
Red	
X-Large	RJS600020406
Blue	
Medium	RJS600020304
Large	RJS600020305
X-Large	RJS600020306
Double Layer	
Black	
Medium	RJS600010104
Large	RJS600010105
X-Large	RJS600010106
Blue	
Large	RJS600010305
X-Large	RJS600010306

Redline Racing Shoes

Fire-resistant Redline Racing Shoes are constructed using high-quality leather, Kevlar-blend liners, and rubber soles. Lightweight and comfortable, high-top design shoes meet stringent SFI 3.3/5 specifications and are offered in black, blue, and red.

Size	Part No.
Black	
5	RJS500020151
6	RJS500020152
7	RJS500020153
8	RJS500020154
9	RJS500020155
10	RJS500020156
11	RJS500020157
12	RJS500020158
13	RJS500020159
14	RJS500020160
15	RJS500020161
16	RJS500020162
Red	
8	RJS500020454
9	RJS500020455
Blue	
8	RJS500020354
14	RJS500020360

Redline High-Top Shoes • SFI-5

Size	Part No.
Black	
9	RJS500010155
11	RJS500010157
12	RJS500010158

RJS RACING EQUIPMENT

White Skeleton Driving Gloves

Two layers of knitted Nomex are used with top and bottom gauntlets, elasticized wrist bands, and calf skin palms. Single-layer gloves meet SFI 3.3/1; double-layer gloves meet SFI 3.3/5 specifications.

Size	Part No.
Single Layer	
White	
XX-Small	RJS600090169
X-Small	RJS600090165
Small	RJS600090166
Medium	RJS600080133
Large	RJS600080134
X-Large	RJS600080135
Orange	
Medium	RJS600090141
Large	RJS600090142
Lime Green	
Large	RJS600090146
X-Large	RJS600090147
Yellow	
Large	RJS600090150
X-Large	RJS600090151
Double Layer	
White	
Small	RJS600090168
Medium	RJS600080137
Large	RJS600080138
X-Large	RJS600080139
XX-Large	RJS600080140
Orange	
Medium	RJS600090153
Large	RJS600090154
X-Large	RJS600090155
Lime Green	
Large	RJS600090158
X-Large	RJS600090159
Yellow	
Large	RJS600090162

Helmet Supports

High-density foam helmet supports are covered with Nomex and provide support to the neck and helmet. Supports can be removed and replaced in seconds with the Velcro closure. Horseshoe and 360° styles. Meets SFI 3.3 Specs.

Color	Part No.
Horseshoe Style	
Black	RJS11000501
Red	RJS11000504
Blue	RJS11000503
360° Style	
Black	RJS11000401
Red	RJS11000404
Blue	RJS11000403

Pit Mat *RJS12000101*

The safe, effective way to keep your car and your crew clean and dry, even on wet, dirty ground. Large 10' x 20' black pit mat, manufactured from heavy-grade, 18-ounce vinyl includes grommets every 5'. Mat may be used on a variety of surfaces and cleans up easily with the wipe of a rag.

Utility Jugs

Heavy-duty, five-gallon capacity utility jugs feature a square design for easy storage. Dual handles, large 2" diameter cap, and incorporated vent system ease pouring.

Part No.	Color
RJS20000105	Black
RJS20000106	White
RJS20000107	Red

Utility Jug Clear Filler Hose *RJS2000049800*

Replacement Cap *RJS2000049801*

Sportsman Two-Man Radio System *RJS600080141*

This economical two-man communication system is designed for open wheel and drag racers, as well as tractor-pulling competitors. Features include 16-channel capacity and 1650 mAh Li-Ion battery with approximately 10-hour duty cycle. The PC programmable radio unit also includes auto battery save, low-battery alert, and channel scan. Kit includes 2 four-watt, 16-channel radios complete with battery, belt clip antenna, and desktop charger.

Replacement Components and Optional Accessories

RJS600080145

RJS600080147

Part No.	Description
RJS600080145	Sportsman, Crew Chief Headset
RJS600080146	Sportsman Radio to Headset Cable with Push Button
RJS600080147	Helmet Microphone and Ear Piece Kit
RJS600080149	Radio Pouch
RJS600080152	Sportsman Radio

RaceQuip

PRO20

The Pro20 features a lightweight FRP shell that is fitted with a Nomex liner for fire resistance and comfort. Helmet includes a Kevlar chin strap and M6 threaded inserts for HANS/HNR. Sold complete with a clear 3 mm polycarbonate shield. Offered in a wide variety of colors, helmet meets Snell SA2020 specifications.

Size	Gloss Black	White	America	Steel	Hot Pink	Corsa Red	Flat Black
XX-Small	RQP276000	RQP276110	—	—	RQP276880	—	RQP276990
X-Small	RQP276001	RQP276111	RQP276121	—	RQP276881	—	RQP276991
Small	RQP276002	RQP276112	RQP276122	RQP276662	RQP276882	RQP276912	RQP276992
Medium	RQP276003	RQP276113	RQP276123	RQP276663	RQP276883	RQP276913	RQP276993
Large	RQP276005	RQP276115	RQP276125	RQP276665	RQP276885	RQP276915	RQP276995
X-Large	RQP276006	RQP276116	RQP276126	RQP276666	RQP276886	RQP276916	RQP276996
XX-Large	RQP276007	RQP276117	RQP276127	RQP276667	—	RQP276917	RQP276997
XXX-Large	RQP276008	RQP276118	—	—	—	—	RQP276998

PRO20 Top Air

Size	Flat Black
Small	RQP266992
Medium	RQP266993
Large	RQP266995
X-Large	RQP266996
XX-Large	RQP266997

PRO20 Side Air NEW!

Size	Flat Black
Small	RQP296992
Medium	RQP296993
Large	RQP296995
X-Large	RQP296996
XX-Large	RQP296997

VESTA20 Carbon

Features hand-laid Carbon Fiber construction with a special chin bar to accommodate the scalloped shield design. The VESTA20 includes an EPS liner, comfortable and fire-resistant Nomex interior, Kevlar chin strap, and M6 threaded inserts for HANS/HNR compatibility. Sold complete with 3 mm polycarbonate shield. Meets Snell SA2020 specifications.

Size	Part No.
Small	RPL92169029
Medium	RPL92169039
Large	RPL92169059
X-Large	RPL92169069
XX-Large	RPL92169079

PRO20 Carbon

While the PRO20 appears to be a real carbon fiber helmet, it is actually utilizes a hydro-dipped carbon fiber graphic overlay to remain affordable. The FRP shell is fitted with an EPS liner, comfortable and fire-resistant Nomex interior, Kevlar chin strap, and 3 mm polycarbonate shield. Offered in traditional, top air, or side air configurations, helmet meets Snell SA2020 specifications.

Size	Pro 20 Carbon	Pro 20 Carbon Top Air	Pro 20 Carbon Side Air
Small	RPL92769029	RPL92669029	RPL92969029
Medium	RPL92769039	RPL92669039	RPL92969039
Large	RPL92769059	RPL92669059	RPL92969059
X-Large	RPL92769069	RPL92669069	RPL92969069
XX-Large	RPL92769079	RPL92669079	RPL92969079

VESTA20

A bold departure from traditional models, the Vesta20 utilizes modern production technology to offer a helmet that is lightweight and affordable. Fitted with a comfortable, fire-retardant Nomex liner, Kevlar chin strap, and 3mm clear polycarbonate shield. Offered in gloss black, white, or flat black, helmet meets Snell SA2020 and FIA 8859 specifications.

Size	Gloss Black	White	Flat Black
Small	RQP286002	RQP286112	RQP286992
Medium	RQP286003	RQP286113	RQP286993
Large	RQP286005	RQP286115	RQP286995
X-Large	RQP286006	RQP286116	RQP286996
XX-Large	RQP286007	RQP286117	RQP286997

PRO Youth

Similar in design and construction to the Pro20 adult model, youth helmet combines an FRP shell with an EPS liner, Nomex interior, and Kevlar chin strap. Helmet includes M6 threaded inserts for HANS/HNR compatibility. Offered in a wide variety of colors, helmet meets Snell 2020 and SFI 24.1 specifications.

Part No.	Color
RQP2260096	Gloss Black
RQP2261196	White
RQP2261296	America
RQP2266696	Steel
RQP2268896	Hot Pink
RQP2269196	Corsa Red
RQP2269996	Flat Black

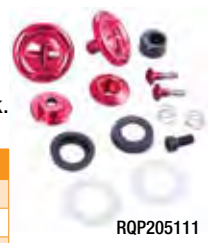
Replacement Helmet Shields

Clear	Dark Smoke	Amber	Blue Iridium	Mirror
SA2005 Full-Face Ridgeline				
RQP202001	RQP202004	RQP202006	—	—
SA2010/SA2015 Full-Face, Exc. Vesta15				
RQP204001	RQP204004	RQP204006	RQP204007	RQP204009
Vesta15 SA2015				
RQP205001	RQP205004	RQP205006	RQP205007	RQP205009

RaceQuip

Shield Hardware Kits NEW!

Kit includes all of the required shield hardware for Pro and Vesta 2020, 2015 or 2010 model helmets. Offered in red, silver, or black.



RQP205111

Part No.	Description
Pro/Vesta 2020, 2015, 2010 Models	
RQP205111	Red
RQP205661	Silver
RQP205991	Black

Pro Shield Tearoff Posts

RQP204110

Tearoff posts fit all Racequip PRO model helmets. Sold per pair.

Tear-Offs

Tear-offs are clear, 2 mil thick, and sold in packs of twenty. Available for the Pro15 and Vesta15 helmets.

Part No.	Description
RQP203213	Pro15 Tear-Offs
RQP203218	Vesta15 Tear-Offs

Optional Ear Cups for Vesta15

RQP205989

Sold per pair, ear cups are used to help seal out noise.

Heavy-Duty Helmet Bag

RQP300003

Oversize helmet bag protects helmet and helps keep face shield free from scratches. Bag has a soft fleece interior, black nylon exterior, and webbed nylon handles for eased carrying.

Chevron-1 FRC Racing Suit

Single-layer racing suit is constructed using Pyrovatex FRC material for maximum safety and comfort. Offered in one- or two-piece (jacket and pants) versions, suit features a modern euro design with black belt, collar, epaulets, and accents. Knit stretch panels on sides and 180° floating arm gussets provide added flexibility. Suit also includes internal bag pockets, wrist cuffs, and boot cuff legs. Meets SFI 3-2A/1 specifications. Offered in black, red, or blue.

Size	Black	Red	Blue
One-Piece Suits			
Small	RQP130902	RQP130912	—
Medium	RQP130903	RQP130913	RQP130923
Medium Tall	RQP130904	RQP130914	—
Large	RQP130905	RQP130915	RQP130925
X-Large	RQP130906	RQP130916	RQP130926
XX-Large	RQP130907	RQP130917	RQP130927
XXX-Large	RQP130908	RQP130918	RQP130928

Chevron-5 Nomex Racing Suits

Multi-layer, Nomex driving suit features a stylish European design with black trim epaulets, black side panels, and black cuffs. The 180° floating arm gussets and stretch fabric side panels add flexibility. Choose from one- or two-piece suits in black, red, or blue. Meet SFI 3.2A/5 specifications.

Size	Black	Red	Blue
One-Piece Suits			
Small	—	RQP91609129	—
Medium	RQP91609039	—	—
Medium Tall	—	—	RQP91609249
Large	RQP91609059	RQP91609159	—
X-Large	RQP91609069	RQP91609169	—
XXX-Large	—	—	RQP91609289

120 Series Multi-Layer Racing Suits

Pyrovatex outer liner and combination Nomex and FRC inner liner offer exceptional fire protection and maintain superior comfort. Suits feature black epaulets, wrist and ankle cuffs, two-piece belt, high-back collar, boot cuff pants, and contrasting arm and leg stripes. Available in one- designs, suits meet stringent SFI 3.2A/5 specifications.

Size	Black	Red	Blue
One-Piece Driving Suits			
Small	RQP120002	—	—
Medium	RQP120003	—	—
Medium/Tall	RQP120004	—	RQP120024
Large	RQP120005	RQP120015	RQP120025
X-Large	RQP120006	RQP120016	RQP120026
XX-Large	RQP120007	—	—
XXX-Large	RQP120008	—	—

110 Series Single-Layer Racing Suits

Stylish Pyrovatex FRC suits have contrasting arm and leg stripes. Suits are designed to wick moisture away from the skin. Black epaulets, black cuffs, two-piece belt, and high-back collar add a professional appearance. Meet SFI 3.2A/1 specifications.

Size	Black	Red	Blue
One-Piece Driving Suits			
Small	RQP110002	RQP110012	RQP110022
Medium	RQP110003	RQP110013	RQP110023
Medium/Tall	RQP110004	—	RQP110024
Large	RQP110005	RQP110015	RQP110025
X-Large	RQP110006	RQP110016	RQP110026
XX-Large	RQP110007	RQP110017	RQP110027
XXX-Large	RQP110008	RQP110018	—

RaceQuip

Pro-1
Youth Single-Layer Suits

Ideal for the young racers of quarter midgets or go-karts, the Pro-1 one-piece suit includes single-layer Pyrovatex FRC construction to meet stringent SFI 3.2A/1 specifications. Suits feature high-back collar, wrist and ankle cuffs, internal bag pockets, and a pleated back panel for added flexibility. One-piece black suits include contrasting arm and leg stripes in black, purple, green, or pink. Two-piece suits offered in black-on-black only.

Size	Black/Black	Black/Purple	Black/Green	Black/Pink
One-Piece Suits				
XX-Small	RQP1959990	RQP1950590	RQP1950790	—
X-Small	RQP1959991	RQP1950591	RQP1950791	—
Small	RQP1959992	RQP1950592	RQP1950792	RQP1950892
Medium	RQP1959993	RQP1950593	RQP1950793	RQP1950893
Large	RQP1959995	RQP1950595	RQP1950795	RQP1950895
X-Large	RQP1959996	RQP1950596	RQP1950796	RQP1950896
XX-Large	RQP1959997	RQP1950597	RQP1950797	RQP1950897

Size	Black/Black Jacket	Black/Black Pants
Two-Piece Suits		
Small	RQP1969992	RQP1970092
Medium	RQP1969993	RQP1970093
Large	RQP1969995	RQP1970095
XX-Large	RQP1969997	RQP1970097

Suit Sizing Chart

Size	Height	Weight	Waist	Chest	Inseam	Shoulders	Sleeve	Neck
Small	5'6"-5'8"	125 -140	30-32"	34-36"	28"	17"	31-32"	14"
Medium	5'8"-5'10"	140-165	34-36"	38-40"	29"	18"	33-34"	14.5"
Medium Tall	5'10"-6"	150-175	34-36"	38-40"	30"	18"	33-34"	14.5"
Large	5'10"-6"	165-195	36-38"	42-44"	31"	19"	34-35"	15.16"
X-Large	6'-6'2"	200-225	40-42"	46-48"	32"	20"	36"	16"
XX-Large	6'2"-6'4"	225-250	44-46"	50-52"	33"	21"	37"	17-18"
XXX-Large	6'4"-6'6"	250+	48-52"	54-56"	33"	23"	38"	18"

***Waist:** At natural waist at navel (not hips where your jeans ride)*
***Chest:** Circumference at the widest part*
***Inseam:** Crotch seam to ankle bone*
***Shoulder to Shoulder:** Shirt shoulder seam to shirt shoulder seam*
***Sleeve:** Back base of neck to wrist, elbow bent*

Youth Suit Sizing Chart

Size	Height	Weight	Size
XX-Small	45"	48 lbs.	5
X-Small	45"-47"	45-55 lbs.	6/7
Small	48"-55"	55-70 lbs.	8/10
Medium	50"-57"	60-75 lbs.	10/12
Large	55"-60"	70-85 lbs.	12/14
X-Large	57"-62"	75-99 lbs.	14/16
XX-Large	60"-66	85-110 lbs.	16/18

356 Outseam Gloves NEW!

Double-layer gloves consist of two layers of Nomex and feature the seam on the outside for improved comfort and better steering wheel feel. Suede leather palms additionally improve grip, while the extra long cuffed gauntlet delivers added fire protection. Meets SFI 3.3/5 specifications. Black only.

Size	Part No.
Small	RQP356902
Medium	RQP356903
Large	RQP356905
X-Large	RQP356906
XX-Large	RQP356907

356 Gloves

Double-layer, SFI 3.3/5-approved gloves have an outseam-design and high-grip suede leather palms to provide improved comfort and steering wheel feel. Extra-long, cuffed gauntlet delivers added protection in the event of fire. Choose from red/black or gray/black.

Size	Red/Black	Gray/Black
Small	RQP356102	RQP356602
Medium	RQP356103	—
Large	RQP356105	RQP356605
X-Large	RQP356106	RQP356606
XX-Large	RQP356107	—

358 Gloves

Constructed using two layers of Nomex, 358 gloves use high-grip suede leather palms for improved steering wheel grip. Mitered fingers deliver a more precise fit. Extra-long, angle-cut gauntlet offers improved protection. Gloves meet SFI 3.3/5 specifications, and are available in red/black or gray/black.

Size	Red/Black	Gray/Black
Medium	—	RQP358603
Large	RQP358105	RQP358605
X-Large	—	RQP358606

359 Gloves

Double-layer, outseam-design 359 gloves utilize two layers of Nomex in order to meet stringent SFI 3.3/5 specifications. Gloves include high-grip suede leather palms and angle-cut gauntlets for added comfort and protection. Offered in red/black or gray/black.

Size	Red/Black	Gray/Black
Small	—	RQP359602
Medium	—	RQP359603
Large	RQP359105	RQP359605
X-Large	RQP359106	RQP359606

350 Gloves

Single-layer, non-SFI certified gloves have Nomex knit backs and white leather palms.

Size	Part No.
Small	RQP350002
Medium	RQP350003
Large	RQP350005
X-Large	RQP350006

RaceQuip

355 Gloves

Double-layer Nomex knit gloves deliver comfort and safety. Gloves feature a high-grip black suede leather-reinforced palm. The hook-and-loop adjuster strap ensures a proper fit. Meets SFI 3.3/5 specifications.

Size	Black	Red	Blue
Youth Small	RQP3550092	—	—
Youth Medium	RQP3550093	—	—
Youth Large	RQP3550095	—	—
X-Small	RQP355001	—	—
Small	RQP355002	RQP355012	RQP355022
Medium	RQP355003	RQP355013	RQP355023
Large	RQP355005	RQP355015	RQP355025
X-Large	RQP355006	RQP355016	RQP355026
XX-Large	RQP355007	—	—
XXX-Large	RQP355008	—	—

351 Gloves

Single-layer 351 gloves are soft, supple, and comfortable with Nomex knit and grey suede leather-reinforced palms. Standard-length, gauntlet-style gloves have hook-and-loop closures to ensure proper fit. Gloves meet SFI 3.3/1 specifications.

Size	Black	Red	Blue
Small	RQP351002	RQP351012	RQP351022
Medium	RQP351003	RQP351013	RQP351023
Large	RQP351005	RQP351015	RQP351025
X-Large	RQP351006	RQP351016	RQP351026

Euro Ankletop Racing Shoes

Lightweight, flexible shoes have an advanced European design with suede leather uppers and Pyrovatex flame-retardant liners. Carbon-L wear pads provide added durability and toe protection. Ankletop shoes also feature contrasting stitching, padded ankles, double-stitched seams, and reinforced lace areas. Shoes meet SFI 3.3/5 specifications.

Size	Part No.	Size	Part No.
Kids 8	RQP30400908	9	RQP30500090
Kids 10	RQP30400910	9-1/2	RQP30500095
Kids 12	RQP30400912	10	RQP30500100
1	RQP30500010	10-1/2	RQP30500105
2	RQP30500020	11	RQP30500110
3	RQP30500030	11-1/2	RQP30500115
4	RQP30500040	12	RQP30500120
5	RQP30500050	12-1/2	RQP30500125
6	RQP30500060	13	RQP30500130
6-1/2	RQP30500065	14	RQP30500140
7	RQP30500070	15	RQP30500150
7-1/2	RQP30500075	16	RQP30500160
8	RQP30500080	18	RQP30500180
8-1/2	RQP30500085	20	RQP30500200

303 Mid-Top Racing Shoes

Mid-top racing shoes offer a suede leather outer layer and a flame-retardant Pyrovatex liner with padded ankles. Durable, comfortable shoes include reinforced lace areas, double-stitched seams, and molded rubber soles. Meet SFI 3.3/5 specifications.

Size	Part No.
8	RQP30300080
9	RQP30300090
10	RQP30300100
11	RQP30300110
12	RQP30300120
13	RQP30300130

Underwear

Tops and bottoms meet SFI 3.3 specifications. Black only.

Size	Top	Bottom
X-Small	RQP421991	RQP422991
Small	RQP421992	RQP422992
Medium	RQP421993	RQP422993
Large	RQP421995	RQP422995
X-Large	RQP421996	RQP422996
XX-Large	RQP421997	RQP422997
XXX-Large	RQP421998	RQP422998
XXXX-Large	RQP421999	RQP422999
XXXXX-Large	RQP421990	—

Youth FR Underwear NEW!

Meets SFI 3.3 specifications. Black only.

Size	Top	Bottom
X-Small	RQP4910901	RQP4920901
Medium	RQP4910903	RQP4920903
X-Large	RQP4910906	RQP4920906

Hoods

Meet SFI 3.3 specifications. Black only.

Part No.	Description
One Size Fits All	
RQP433991	Single Layer
RQP433992	Double Layer

Socks

Flame-resistant socks meet SFI 3.3 specifications.

Size	Part No.
Black	
Small, Size 6-7	RQP411992
Medium, Size 8-9	RQP411993
Large, Size 10-11	RQP411995
X-Large, Size 12-13	RQP411996
XX-Large, Size 14-15	RQP411997

360° Helmet Supports

Full-round, 360° helmet support is made from flame-retardant high-density foam and covered with woven FRC. Support is 2" thick and includes a tapered wedge design. Meets SFI 3.3 specifications. Black only.

Size	Part No.
Medium, 17"	RQP337007
Large, 19"	RQP337008
X-Large, 21"	RQP337009

Non-SFI 360° Helmet Support

RQP333003

Non-SFI certified support is made of flame-retardant high-density foam with a woven FRC cover and Velcro closure. Black only.

RaceQuip

Junior 360° Helmet Support *RQP3370097*

Perfect for the drivers of Quarter Midgets, helmet support is SFI-approved and features a full 360° design. Made from flame-retardant high-density foam and covered with woven FRC cover and Velcro enclosure. Black only.

5-Point Individual Shoulder Latch-and-Link Harness Sets

Popular 5-point harnesses include individual 3" shoulder belts, 3" pull-down lap belts, and 2" submarine belt. May be mounted as bolt-in or wrap-around. Harnesses are also available with 3" to 2" shoulder belts to allow compatibility with HANS/HNR restraints. Meets SFI 16.1 specifications. Offered in a wide variety of colors.

Part No.	Description
RQP711001	Black
RQP711011	Red
RQP711021	Blue
RQP711031	Yellow
RQP711041	Orange
RQP711051	Purple
RQP711061	Platinum
RQP711071	Green
RQP711081	Pink

5-Point HANS/HNR Latch-and-Link Harness *RQP717007*

Latch-and-link harness features 3" polyester webbing with individual shoulder belts that transition to 2" to accommodate HNR/HANS. Harness is double adjustable and allows wrap around or bolt-in installation. Meets SFI 16.1 specifications. Black only.

6-Point Individual Shoulder Latch-and-Link Harness Sets

Harness sets are manufactured using premium 3" polyester webbing and drop-forged steel hardware. Each set includes individual shoulder belts, lap belts, and dual submarine belts. Sets are available with special 3" to 2" shoulder belts to allow compatibility with most head-and-neck restraints. Meets SFI 16.1 specifications.

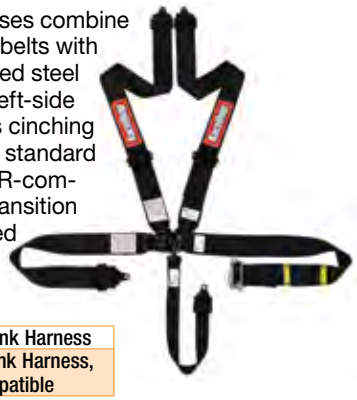
Description	Black
6-Point Latch-and-Link Harness	RQP712002
6-Point Latch-and-Link Harness, HANS/HNR	RQP718008

5-Point 2" Latch-and Link-Harness NEW!

Small buckle latch-and-link harness has both 2" shoulder and lap belts to provide compatibility with HNR/HANS, while allowing tighter lap belt adjustments. Harness includes lap belts and allows bolt-in or wrap-around installation. Meets SFI 16.1 specifications. Black only. Choose from harnesses with pull-up or pull-down adjust.

Part No.	Description
RQP809009	Pull-Up Adjust
RQP811001	Pull-Down Adjust

5-Point Ratchet Harnesses



Small buckle, 5-point harnesses combine individual adjustable shoulder belts with adjustable lap belts, drop-forged steel black hardware and a built-in left-side lap ratchet adjuster that allows cinching belts down tight. Choose from standard 3" wide harness, or HANS/HNR-compatible harness with 3" to 2" transition shoulder belts. Harnesses listed may be bolted-in or wrapped around. Offered in black only.

Part No.	Part No.
RQP813003	5-Point Latch-and-Link Harness
RQP815005	5-Point Latch-and-Link Harness, HANS/HNR-Compatible

SFI-Approved Arm Restraints NEW!

RQP394004

Restraints combine high-strength steel hardware and 2" premium polypropylene webbing with hook-and-loop fastening. Fully adjustable, restraints meet SFI 3.3 specifications. Black only.

Part No.	Description
RQP3930093	Youth Arm Restraints
RQP394004	Adult Arm Restraints

Arm Restraints *RQP391002*

Designed for open cockpit race cars, arm restraints are manufactured from premium polypropylene webbing and includes high-grade steel hardware. Adjustable from 7"-15". Sold in pairs. Black only.

Harness Pads *RQP767001*

Designed for added comfort when using 3" wide belts, harness pads are made from flame-retardant foam padding that includes a Pyrovatex FRC cover with hook-and-loop closure. Sold in pairs. Black only.

SFI-Approved Right Side Roll Cage Net *RQP828998* NEW!

Suitable for use on sprint or midgets as a roll cage net, or on full size race cars as a right side helmet net. Heavy-duty polypropylene net utilizes an extra-long mount strap on the front with a heavy-duty ratchet to maintain tension, while a latch-and-link buckle is used to allow vehicle exit. Meets SFI 37.1 specifications. Black.

RACING ELECTRONICS

REceiver
RCERECEIVER NEW!

Compact and durable, while offering superb audio quality, REceiver is the most advanced micro-scanner currently offered for the race fan. Hand-held unit includes two programmable and scannable preset channels that allow easy navigation between driver, radio broadcast and race officials. An LCD screen, stereo or mono audio-in and audio-out ports, and an adjustable volume are also featured.

REceiver PRO
RCERECEIVER-PRO NEW!

The most advanced micro-receiver currently offered for competitors. REceiver PRO is compact, yet delivers exceptional audio quality. Unit routes the two-way radio through the input while connecting the earbuds to the output, thereby allowing a single earpiece to hear both audio sources. Two programmable preset channels, an LCD screen, stereo or mono audio-in and audio-out ports, and an adjustable volume are featured. ***Note: Unit does not scan and meets series requirements of not scanning between channels.***

RE3000 Over-The-Air Programmable Scanner NEW!

Among the most popular scanners for motor-sports fans, the RE3000 allows listening in to in-car audio and conversation between drivers, crews, and spotters, while also offering access to race officials, broadcast feeds, and the track PA. Requires (3) AAA batteries.

Part No.	Description
RCERE3000	RE3000 Scanner
RCERE3000-CASE	Protective Case for RE3000 & RE1000

Race Communications System Accessories and Replacement Components

Part No.	Description
RCE10370	Headset Strap, Replacement for Behind-the-Head Headset
RCE22658	Cloth Ear Covers, Fits over Foam or Gel-Filled Earseals
RCE48316	Ear Cushions, Gel-Filled, Pair
RCEHBAG	Headset Bag, Black Nylon
RCEA-ADP-K	Antenna Adapter, for Kenwood, Reliant, or Victory Radios
RCEHP-005	Over-the-Head Hearing Protector, Adult
RCEPMM4071	Replacement Battery for Motorola Mag1, BPR Portable Radios
RCENNTN4851-IS	Replacement Battery for CP150/CP200
RCERBELT-PRO	RaceBELT, Nylon Belt with Buckle Secures Radio, Headset, and Accessories
RCERE3736-FT	Twin-Pin Economy Headset Cable
RCERE4302	Legacy Car Harness, CP150/CP200
RCERE503	Legacy Push-to-Talk Switch, Velcro Mount
RCERE511U	Car Antenna, Roof Mount, Economy Model
RCERE703	Platinum Push-to-Talk Switch, Velcro Mount
RCERT006	Platinum Racer Headset, Most Popular Headset, Requires Radio Interface Cable
RCERT311-U	Racetrac UHF Metal Roof Mount Antenna Kit
RCERT403	Push-to-Talk Switch, 5/8" Hole Mount
RCERT603	David Clark Push-to-Talk Switch, with Steering Wheel Attachment
RCERT605-C	Racetrac 3-Conductor Compact Helmet Kit, with Flex Boom Mic
RCERT705	Standard Flex Boom Helmet Kit
RCERT711-U	Racetrac UHF Fiberglass Roof Mount Antenna Kit
RCERT3736	Motorola Twin Pin Headset Cable, CP150/CP200
RCERT3800	Inline Push-to-Talk Switch
RCERT4302	Racetrac Stock Car Style (3-Conductor) Car Harness, for Motorola Twin-Pin Radio
RCEV93-CF	Carbon Fiber Look Equipment Case, 18" x 14" x 8"
RCERT403	Push-to-Talk Switch, 5/8" Hole Mount
RCERE-12	Adapter Cable, 1/8" Mono Female to 1/8" Mono Male Right Angle
RCERE-50	Universal Ear Buds with 50" Cord and 1/8" Stereo Plug
RCERE3791-K	Headset Cable, 2-Pin Kenwood
RCERT907	Helmet Wiring Kit with HD External Mount Ear Phone Jack
RCERT4312	Car Harness, 4 Conductor, 2-Pin Motorola
RCEA-ADP-K	Roof Antenna Adapter, Kenwood, Reliant or Victory Radios NEW!
RCEHBAG	Headset Bag, Black Nylon NEW!
RCERT705-C	Helmet Mic Kit, NASCAR-Style, Includes Flex Boom Mounted Mic & Coiled Cord NEW!
RCERT805-C-STILO	Stilo Helmet Adapter Cable, 3-Conductor Male to 4-Conductor Stilo NEW!

Reece Saldana — Photo by: JohnnyB Imagery

Max Stambaugh — Photo by: JohnnyB Imagery

RACING OPTICS

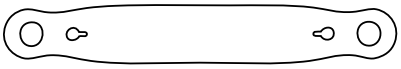
Xstack Tear-Offs

Revolutionary Xstack tear-offs are laminated together for installation as one piece for high visibility, low reflection, and elimination of fog in between layers. Xstack is now offered in three different configurations.

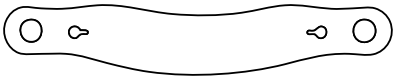
XStack™ 10 is a stack of 10 laminated Tear-offs that are 2 mil thick each. The laminated technology creates a distortion-free optical lens. Each package contains 3 stacks of 10 Tear-offs for a total of 30 Tear-offs.

Xstack Smoke includes 3 single layers of 4-mil smoke Tear-offs. This is a single-layer smoke lens used under your stack of clear that are bought separately.

Xstack Perimeter Seal system is the latest technology from Racing Optics, which provides a tighter seal, blocking out dirt, dust, and water. Includes a stack of 10 laminated Tear-offs that are 2 mil thick each. Each package contains 3 stacks of 10 Tear-offs for a total of 30 Tear-offs. Clear only.



STRAIGHT



BANANA

NOSE NOTCH

Application	Post Center	Shape	Xstack 10	Xstack Smoke	Xstack Perimeter Seal
Simpson Voyager, HJC, Side Pro, Elite	11-1/2"	Straight	ROP10201C	—	—
Simpson Matrix, SX, Jr. Shark, HJC Auto	11-1/2"	Banana	ROP10203C	ROP10203S	—
Simpson RX, Super Bandit, Diamondback, Raider	11-1/2"	Nose Notch	ROP10204C	ROP10204S	ROP10204CP
Bell Vortex, GTX, BR.1, M.4, K.1, Sport, G-Force, Pyrotect, Racequip Pro 15	12-3/8"	Banana	ROP10205C	ROP10205S	ROP10205CP
Bell Dominator.3, GTX.3, GP.3, GT.5, HP.3, HP.5	11-1/2"	Banana	—	ROP10206S	ROP10206CP
Bell GTX.2, GP.2, Star GP, Star Infusion, K1	12-3/8"	Banana	ROP10208C	ROP10208S	ROP10208CP
Impact Air Draft, Super Sport, Stingray, Wizard, Euro Sport, Shark, Vudo, Invader, Valor, Devil RayShark, Simpson Vudo, Invader, Valor, Devil Ray	12-3/4"	Banana	ROP10209C	ROP10209S	ROP10209CP
Simpson Venator, Sparco WTX Series	13"	Banana	ROP10210C	ROP10210S	ROP10210CP
Bell Vador, Racequip Vesta 15	12-3/8"	Nose Notch	ROP10211C	—	—
Arai GP7	13"	No Cut-outs	ROP10214C	—	—
Arai GP-5W, Shoei, Bell Star	11-1/2"	Straight	ROP10217C	—	ROP10217CP
Arai GP6, GP-6S, GP-6PED, SK-6	12-3/4"	No Cut Outs	ROP10218C	ROP10218S	ROP10218CP
Impact Vapor, Charger, Draft	11-7/8"	Banana	—	ROP10230S	ROP10230CP
Impact Champ, Nitro, Super Cyclone	11-1/2"	Nose Notch	—	—	ROP10231CP
Bell RS7, HP7, KC7	12-7/8"	Banana	—	—	ROP10237CP
Stilo ST5 with Large Tabs	12"	Banana	—	ROP10252S	ROP10252CP
Stilo ST5, without Zylon Panel	12"	Banana	ROP10253C	—	—
Stilo ST5 with Small Tabs	12"	Banana	—	ROP10259S	ROP10259CP
Bell Star/Qualifier, 2016	12-1/4"	Banana	ROP10287C	—	—

SpeedStack 3
ROP3459C4

The SpeedStack 3 4-mil tear-off is commonly used in pavement applications, proven to withstand the rigors of racing and speeds in excess of 125 MPH. Each package includes four stacks of 3 tear-offs for a total of 12 tear-offs. Clear only.

Post Description	Center	Shape
Stilo ST5 w/Small Tabs, Zero	12"	Banana

Speed Tabs *ROP8202*

Round vinyl stickers prevent shredding and ease removal of tear-offs. Sold in rolls of 100.

Helmet Post Kit *ROP9900*

Anodized, CNC-machined mounting posts include smooth edges to provide snag-free and tearless removal of tear-off layer.

Race Ramps

Lightweight and durable, Race Ramps eliminate the need for boards or heavy steel ramps when loading low-slung cars into trailers. Race Ramps will not slide across the garage floor or dig into an asphalt drive.

Trailer Ramps

Lightweight and durable, specially designed Trailer Ramps allow loading low-slung race cars into trailers without the worry of damaging noses, oil pans, headers, etc. Simply place the trailer door on the notch of the ramps, which decrease the angle of approach by as little as 4° and load car. Sold in pairs.

Part No.	Description
RMPRR-TR-4	46"L x 4"H x 14"W, 5.5° Incline
RMPRR-TR-5	67"L x 5"H x 14"W, 4° Incline
RMPRR-TR-6	45"L x 6"H x 14"W, 7.8° Incline
RMPRR-TR-7	74"L x 7"H x 14"W, 5.2° Incline
RMPRR-TR-7-FLP	74"L x 7"H x 14"W, Flap Cutout to Accommodate Door Flap, 5.5° Incline
RMPRR-TR-8	54-3/4"L x 8"H x 16"W, 8.4° Incline

Track and Trailer Combo *RMPRR-80-10-2*

Four-piece Track and Trailer Combo set can be used to perform multiple functions. It can be used to work on the car in the garage, load it into the trailer, or for use as wheel cribs in place of jack stands. Bottom portion of the ramp may be removed for easy side access. Combo set has a 80" long x 14" wide x 10 height and supports up to 6,000 pounds, yet weighs just 17 pounds each.

Trailer Side Kick *RMPRR-TR-SK-1*

Trailer Side Kick eases trailer tire changes on dual- or triple-axle trailers. Simply drive the good tire onto the ramp and the flat tire will be lifted off the ground. May also be used to aid trailer loading by placing ramp on its side in front of the trailer's wheel wells and inserting the included marker flag into place prior to driving vehicle into trailer. Trailer Side Kick is 12"W x 31"L x 7-1/2"H, and can support up to 8,000 pounds, yet weighs just 8 pounds.

Wheel Chocks *RMPRR-WC-2*

All-rubber wheel chocks help secure trailer, preventing movement when trailer is disconnected from tow vehicle. Sold per pair.

FlatStoppers *RMPRR-FS-10*

Engineered to prevent tires from flat spotting during long periods of storage. Once you drive the car onto FlatStoppers, the tires settle into the concave depression, which supports the tire to better disperse weight and prevent flat spotting. FlatStoppers are 22.3"L x 3.25"H x 10"W and sold in sets of four.

Red Line Synthetic Oil

Race Oils

Excellent lubricating properties add 2-4% more power while providing greatly increased high-temperature protection. The film strength is among the highest of any petroleum or synthetic product. Rated as a single grade, yet low temperature properties make them exceptional as multi-grades. Oils contain very few detergents and are not recommended for street use. Sold in one-quart bottles or a case.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles	1-Gallon Container	Case of (4) 1-Gallon Containers
5W	RED10004	RED10044	—	—
10W	RED10104	RED10124	RED10105	RED10125
20W (5W20)	RED10204	RED10224	—	—
30W (20W30)	RED10304	RED10324	—	RED10325
40W (10W40)	RED10404	RED10424	—	—
50W (15W50)	RED10504	RED10534	—	—

Motor Oils

The most stable synthetic components give the highest degree of protection and cleanliness with the lowest friction. Red Line Oils provide superior wear protection and friction reduction over a wide temperature range for excellent performance in hot running engines. Sold in one-quart bottles or a case.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
5W-20	RED15204	—
5W-30	RED15304	—
5W-40	RED15404	—
10W-30	RED11304	RED11324
10W-40	RED11404	RED11424
20W-50	RED12504	RED12524
10W-60	RED11704	RED11724
20W-60	RED12604	RED12624

Engine Break-In Additive

Engineered for use with conventional motor oils, specially formulated lubricant incorporates anti-wear additives including zinc and phosphorus (ZDDP) for added protection. Sold in a 16-oz. bottle or a case, additive treats up to 12 quarts of motor oil.

16-oz. Bottle	Case of (12) 16-oz. Bottles
RED81403	RED81423

ShockProof Gear Oils

Available in heavy, lightweight, and super-light viscosities. Heavy gear oil resists throw-off and helps prevent tooth breakage. Ideal for high temperature and extreme pressure in differentials and manual transmissions. Lightweight gear oil is excellent in low temperatures and may also be used to obtain maximum power transfer in racing differentials. Super light oil has the viscosity of automatic transmission fluid. Ideal when maximum power output is required, such as during qualifying. Sold in one-quart bottles or a case.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles	5-Gallon Container
Heavy Gear Oil	RED58204	RED58224	RED58206
Lightweight Gear Oil	RED58404	RED58424	—
Super Light Gear Oil	RED58504	RED58524	—

Gear Oils

Formulated for limited slip differentials and manual transaxles. The 75W-85 is popular in light-duty differentials or where absolute maximum performance is required, such as qualifying. The 75W-90 is recommended for most racing differentials, while the 75W-140 and 80W-140 gear oils are popular in high-temperature racing applications. The 75W-140NS lacks friction modifiers to help slow synchros for easier shifting over a wide temperature range. Sold in 1-quart bottles, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles	Case of (4) 1-Gallon Containers
75W-85	RED50104	RED50124	—
75W-90	RED57904	RED57924	—
75W-110	RED57804	RED57824	—
75W-140	RED57914	RED57934	—
75W-140NS	RED57104	RED57124	RED57125
80W-140	RED58104	RED58124	—

Liquid Assembly Lube

A convenient version of the same unique additives used in the paste-type assembly lube. Product prevents metal-to-metal contact and wear, while offering three times the film strength of conventional molybdenum disulfide greases. Superior rust and corrosion inhibitor allow product to be used for long term storage of components. Not for use on exhaust bolts or fasteners associated with excessively high temperatures which may require anti-seize. Sold in 12-oz. bottle or in a case.

12-oz. Bottle	Case of (12) 12-oz. Bottles
RED80319	RED80329

Assembly Lube

Recommended by many leading engine builders, lubricant has three times greater film strength than conventional molybdenum disulfide greases. May be used on camshafts, lifters, piston skirts, main and rod bearings, etc. Sold in 4-oz. or 16-oz. tubs, or in cases.

4-oz. Tub	16-oz. Tub	Case of (12) 4-oz. Tubs	Case of (12) 16-oz. Tubs
RED80312	RED80313	RED80322	RED80323

WaterWetter®

A unique wetting agent for cooling systems, it reduces water temperatures as much as 30°F. WaterWetter® can be added to new or used antifreeze to improve the heat transfer of ethylene and propylene glycol systems. Sold in 12-oz. bottle or a case.

12-oz. Bottle	Case of (12) 12-oz. Bottles
RED80204	RED80224

Supercool Performance Coolant

Supercool effectively doubles the wetting ability of water, improving heat transfer and reducing engine temperatures. Coolant additive is blended with purified, deionized water and proper WaterWetter percentage. Supercool is pre-mixed and ready to use, fully compatible with all anti-freeze and coolant.

1/2 Gallon	Case of (4) 1/2 Gallons
RED80205	RED80225

Power Steering Fluid

Red Line's Power Steering Fluid provides improved wear protection and resists thermal breakdown. Fully synthetic fluid also resists evaporation and foaming at high temperatures. Suitable in most power steering units. Sold in one-quart bottles or a case.

1-Qt. Bottle	Case of (12) 1-Quart Bottles
RED30404	RED30424

Shock Oil

Red Line Shock Oils change very little with temperature variations and actually lower shock absorber operating temperatures. Foaming resistance is excellent and synthetic base stocks provide little seal drag. Sold in 16-oz. bottle or in a case.

16-oz. Bottle	Case of (12) 16-oz. Bottles)
RED91102	RED91103

CV-2 Synthetic Grease

CV-2 Grease has a very high melting point, excellent water washout resistance, and superior anti-wear characteristics. Lubricant contains an organic moly and is great for wheel bearings, high-angle, and conventional CV-joints, chassis lubrication, and high-temperature industrial equipment. Sold in a 14-oz. cartridge or in cases.

14-oz. Cartridge	Case of (6) 14-oz. Cartridges
RED80402	RED80422

RL-600 Brake Fluid NEW!

Full-synthetic, DOT 4 brake fluid, suited to passenger vehicles, race cars, motorcycles, etc., is resistant to the absorption and retention of moisture, while providing protection against extreme temperatures. Blendable with DOT 3, DOT 4, and DOT 5 fluids. Sold in 500 ml bottles, or in cases.

500 ml Bottle	Case of (6) 500 ml Bottles
RED90404	RED90414

RL-700 High Performance Brake Fluid NEW!

Premium quality brake fluid meets DOT 4 specifications. Sold in 500 ml bottles, or in cases.

500 ml Bottle	Case of (6) 500 ml Bottles
RED90405	RED90415

Two-Cycle Kart Oil

Lubricant offers improved bearing protection when compared to castor bean oils, while allowing operation at up to 25°F greater cylinder head temperature. May be mixed at higher fuel ratios than other kart oils. Sold in 16-oz. bottle or in a case.

16-oz. Bottle	Case of (12) 16-oz. Bottles
RED40403	RED40423

Alcohol Fuel Lubricant

A high-performance lubricant that provides maximum power and extends engine life by reducing piston ring and fuel pump friction. Use one to two 12-oz. bottles per 55-gallon drum. Sold in 12-oz. bottle or a case.

12-oz. Bottle	Case of (12) 12-oz. Bottles
RED41102	RED41122

Two-Stroke Racing Oil

Dyno proven for gains of 3-5% more horsepower. Oil's high-temperature stability prevents deposits from forming in combustion chambers, exhaust ports, upper ring, and piston crown. Recommended mix ratio is 50:1, but may be used at up to 100:1 depending upon operating conditions. Sold in 16-oz. bottle, 1 gallon, or in cases.

16-oz. Bottle	Case of (12) 16-oz. Bottles	1-Gallon Container	Case of (12) 1-Gallon Containers
RED40603	RED40623	RED40605	RED40625

REESE®

"The Goose" Gooseneck Hitch REE58079

"The Goose" eliminates cutting the truck bed and may be used in conjunction with a Reese fifth-wheel hitch. Gooseneck-style hitch features 25,000- pound gross trailer weight and 6,250-pound pin weight capacities. Unit uses the same base rails as standard fifth wheel hitches, and may be quickly removed with four locking pins. Includes large 2-5/16" diameter heat-treated ball. Requires rails and installation kit.

Part No.	Description
REE30035*	Rails and Installation Kit, Required to Install REE58079

**** Will not fit Ford F-150 4-door SuperCrew, SuperCab, or any other 5-1/2' bed.***

Fifth Wheel Custom Quick Install Kit

Kit includes custom brackets that reduce the amount of drilling and installation time required to install fifth-wheel trailer hitch. Includes brackets, base rails, and hardware.

Part No.	Description
REE50064-58	1999-2007 Chevy/GMC 1500/2500; 2001-10 Chevy/GMC 3500
REE50082-58	1999-2010 Ford F250; 1999-2010 Ford F350; 2008-10 Ford F450

Class III and IV Receiver Hitches

Reese offers custom fit ("no drill") and universal Class III and IV Hitches. Each hitch includes mounting hardware. Hitch draw bar and ball must be purchased separately. Please see the receiver hitch rating guide below and call for specific applications.

Weight Class	Gross Vehicle Weight (GVW)	Tongue Weight (TW) with Weight Distributing (WD)
Receiver Hitch Rating Guide		
Class III	8,000 lbs.	800 lbs.
Class IV	12,000 lbs.	1,200 lbs.
Class V	14,000 lbs.	1,700 lbs.

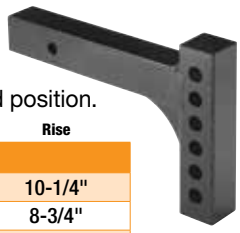
High-Performance Trunnion Style Weight Distributing Hitch REE66022

Hitch includes a one-piece cast head and a raised hitch ball platform to reduce the need for raised hitch balls. Also features easy-to-use adjusting blocks, and a new square adjusting washer which allows eight adjustments for extremely accurate weight distribution. It's now possible to "fine tune" weight distribution on even the trickiest of rigs. Hitch bar sold separately.

Max Hitch Wt.	Max GTW
1,200 lbs.	12,000 lbs.

REESE®

Adjustable Hitch Bars



Designed for weight-distributing hitches, bars may be used in the raised or dropped position.

Part No.	Length	Drop	Rise
2" x 2" Hitch Bar			
REE3215	14"	6"	10-1/4"
REE54970	12"	4"-6"	8-3/4"
REE54998	12-1/4"	4-7/8"	6-7/8"

Brakeman Brake Control *REE83501*

Unit meets all NHTSA regulations regarding tow vehicle/trailer stoplight activation. Compatible with one- or two-axle trailers, Brakeman is the perfect choice for today's towing vehicles.

Weight Distributing Snap-Up Bracket *REE21501*

Replacement bracket fits a variety of weight-distributing hitch systems including REE66022.

Accu-Power Pod Brake Controller *REE80500*

Extremely compact and economically-priced, Accu-Power Pod brake controller may be mounted in any direction, utilizing up-front, easy-access adjustment controls. Suitable for trailers with one or two axles, unit has a Power-on LED for positive tow vehicle-to-trailer connection.

POD Hazard Warning Device *REEPD110200*

Dual-use warning lights emit 350 lumens and feature nine different modes, including a SOS safety mode to alert passing motorists up to 1/4 mile away. The durable, weather-resistant plastic housing has multiple mounting options including magnet, swivel hook, or permanent base. Requires 3 AAA alkaline batteries per POD (not included). Pack of 2.

REMFLEX EXHAUST GASKETS

Exhaust Gaskets

Flexible graphite material gaskets deliver up to 50% crush and withstand over 2,000°F, eliminating burn-out and the need to re-torque. Gaskets offer superior sealing, even on exhaust header flanges that are warped or distorted. Weld Bead gaskets are offered for use with headers that use a weld bead to seal the flange. Sold per pair.

Part No.	Description
Small Block Chevrolet	
REM2004	262-400, 1-9/16" Dia. Round Port, Header Only
REM2005	262-400, 1-17/32" x 1-19/32" Square Port, Header Applications Only
REM2006	262-400, 1-3/8" x 1-1/2" Stock Port, Header/Manifold Applications
REM2007	262-400, Brodix Track 1, 1-1/2" 1-5/8" D-Port, Header Applications Only
REM2016	262-400, 1-5/16" x 1-3/8" Square Port, Weld Bead Header Applications
REM2031	262-400, 1-7/16" Round Port, Weld Bead Header Applications
REM2032	262-400, 1-1/4" x 1-5/8" Oval Port, Weld Bead Header Applications

RICOCHET SHOCK GUARD

Shock and Shaft Guard

RSGRRC1300B-500

Manufactured from high-impact materials, shock guard protects expensive shock absorbers from rocks and track debris. Shock guard mounts between the shaft Heim and jam nut, and includes an encapsulated aluminum mounting area that allows secure retention of the shock Heim. Fits all 7"to 9" shocks with removable shaft Heims.

Guard Close Up

Detail of the Setup

ROMAC PERFORMANCE PRODUCTS

Vernier Adjustable High-Performance Timing Chain Sets

ROLCS1230

Top-of-the-line Gold Series Vernier adjustable sets' unique two-piece cam sprocket with elongated slots allows precise, virtually infinite timing adjustments. Special perimeter socket head screws secure the sprocket once the camshaft is degreed. All sets use nitrided premium billet steel sprockets and IWIS double-roller timing chains.

Application
Small Block Chevy 262-400, Torrington Bearing

High-Performance Timing Chain Sets

Rollmaster double-roller timing sets are available in Red Series and Gold Series. Red Series standard billet steel sets have an induction hardened, nine-keyway crankshaft sprocket and IWIS double-roller chain. Gold Series sets have nitrided premium billet steel sprockets for extended life. (All sets are available with -.005" and -.010" reduced center distances to fit line-bored engines. Add "-LB5" for .005" or "-LB10" for .010" reduced distance to the suffix of the part number. Example: ROLCS1000-LB5.

Description	Part No.
Chevrolet	
Red Series	
Small Block 262-400, Thrust Washer	ROLCS1000
Small Block 262-400, Torrington Bearing	ROLCS1040
Gold Series	
Small Block 262-400, Torrington Bearing	ROLCS1050

Emerson Axsom — Photo by: JohnnyB Imagery

Mike Keegan — Photo by: JohnnyB Imagery

High-Performance Lubricants

Royal Purple Extreme Performance and Racing (XPR) Motor Oil is the only engine oil with Synerlec, a superior lubricating ingredient which clings to all critical engine parts, creating less friction than any other petroleum or synthetic lubricant. Improved horsepower and longer engine life can be expected with this revolutionary lubrication product.

XPR SAE 0W8 *ROY06009*

An ultra-light viscosity synthetic oil recommended for small to medium displacement engines. Viscosity typical of a 0W8 oil. Sold in cases of (6) one-quart bottles.

XPR SAE 0W20

A light viscosity oil formulated to withstand exotic fuels including alcohol and methanol. Viscosity is typical of 0W20.

1-qt. Bottle	Case of (6) 1-qt. Bottles
ROY01008	ROY06008

XPR SAE 5W20

A light viscosity synthetic oil for small to medium displacement engines. Viscosity typical of 5W20 oil.

1-qt. Bottle	Case of (6) 1-qt. Bottles
ROY01011	ROY06011

XPR SAE 5W30

A horsepower and torque enhancing synthetic oil with superior wear characteristics. Viscosity typical of a 5W30 oil.

1-qt. Bottle	Case of (6) 1-qt. Bottles	5-Gallon Pail
ROY01021	ROY06021	ROY05021

XPR SAE 5W40 *ROY06042*

Synthetic lubricant is capable of enduring long intervals of extreme heat and high loading. Viscosity typical of a 5W40 oil. Sold in cases of (6) one-quart bottles.

XPR SAE 5W50 *ROY06052*

Synthetic oil is designed for racing applications subjected to extended intervals of extreme heat and loading. Oil has a viscosity typical of 5W50. Sold in cases of (6) one-quart bottles.

XPR SAE 10W40

A synthetic oil capable of enduring long periods of extreme heat without breakdown. Viscosity typical of a 10W40 oil.

1-qt. Bottle	Case of (6) 1-qt. Bottles	5-Gallon Pail
ROY01041	ROY06041	ROY05041

XPR SAE 20W50

A synthetic oil for performance engines that have used traditional 20W50 oils in the past. Provides as much as a 3% horsepower increase. Contains Synerlec, which has a very high load-carrying capacity.

1-qt. Bottle	Case of (6) 1-qt. Bottles	5-Gallon Pail
ROY01051	ROY06051	ROY05051

Engine Break-In Oil

Highly refined mineral oil contains high levels of zinc and phosphorous to protect flat tappet and roller camshafts and valve train at initial start-up, and to promote piston ring seating. Not API certified.

1-qt. Bottle	Case of (6) 1-Qt. Bottles
ROY11487	ROY06487

ROYAL PURPLE® SYNTHETIC OIL

SAE Grade Motor Oils

A synthetic oil formulated for the commercial or daily driven vehicle, helps reduce heat and prolongs engine life. API certified.

1-qt. Bottle	Case of (6) 1-qt. Bottles	5-quart Jug	Case of (4) 5-qt. Jugs	5-Gallon Pail
0W-20				
ROY01020	ROY06020	ROY51020	ROY53020	—
0W-40				
ROY11484	ROY06484	—	—	—
5W-20				
ROY01520	ROY06520	ROY51520	ROY53520	—
5W-30				
ROY01530	ROY06530	ROY51530	ROY53530	ROY05530
5W-40				
ROY01540	ROY06540	—	—	—
10W-30				
ROY01130	ROY06130	ROY51130	ROY53130	ROY05130
15W-40				
ROY01154	ROY06154	—	—	ROY05154
30W				
ROY01030	ROY06030	—	—	—
40W				
ROY01040	ROY06040	—	—	—
50W				
ROY01050	ROY06050	—	—	—

Synchromax Manual Transmission Fluid

Recommended for manual transmissions requiring automatic transmission fluid or motor oil. Synerlec additive improves shift quality and reduces friction and gear noise over a wide temperature range. One-quart bottles.

1-qt. Bottle	Case of (6) 1-qt. Bottles
ROY01512	ROY06512

Max-Gear Gear Oil

Max-Gear reduces frictional wear and heat through an impact-absorbing, non-shearing molecular structure.

Description	1-qt. Bottle	1 Case (6) 1-qt. Bottles	5-Gallon Pail
75W90	ROY01300	ROY06300	ROY05300
75W140	ROY01301	ROY06301	—

Max EZ Power Steering Fluid

A consistent, non-foaming high-performance fluid that resists high temperatures and pressures and increases pump life.

12-oz. Bottle	Case of (12) 12-oz. Bottles
ROY01326	ROY12326

Purple Ice Radiator Super Coolant

Reduces the surface tension of the coolant so it can better penetrate heat transfer areas of the radiator. Provides a protective coating for aluminum parts, prevents corrosion and lubricates pump seals. Ideal for use in racing where glycol (anti-freeze) is not used.

12-oz. Bottle	Case of (12) 12-oz. Bottles
ROY01600	ROY12600

Max-Tuff Synthetic Assembly Lubricant

Synthetic lubricant is designed for use in assembling repaired equipment. Max-Tuff adheres to metal surfaces, creating a load-bearing physical barrier between surfaces, while also protecting against rust and corrosion.

8-oz. Bottle	Case of (12) 8-oz. Bottles
ROY01335	ROY12335

Maxfilm Synthetic Penetrating Lubricant

Stops squeaks, loosens rusted parts, prevents rust and corrosion, and reduces wear. Maxfilm is so tough it can be used as a tapping fluid for cutting threads. Clings to metal surfaces for long-lasting protection.

11-oz. Can	Case of (12) 11-oz. Cans
ROY05000	ROY15000

Cole Macedo

Photo by: JohnnyB Imagery

Full Flow Hose Ends

Reusable anodized aluminum fittings are lightweight and durable. Taper-designed hose ends are easy to assemble. The 37° angled sealing surface is compatible with other manufacturers' hose ends. Choose from blue/red, black/silver, or black anodized fittings in swivel or non-swivel designs.

Dash Size	Straight Blue/Red	Straight Black/Silver	Straight Black	45° Swivel Blue/Red	45° Swivel Black/Silver	45° Non-Swivel Black	90° Non-Swivel Blue/Red	90° Non-Swivel Black/Silver	90° Non-Swivel Black
-4	RUS610010	—	RUS610015	RUS610080	—	—	RUS610150	—	RUS610155
-6	RUS610020	RUS610023	RUS610025	RUS610090*	RUS610093	RUS610095*	RUS610160*	RUS610163*	RUS610165*
-8	RUS610030	RUS610033	RUS610035	RUS610100*	RUS610103	RUS610105*	RUS610170*	RUS610173*	RUS610175*
-10	RUS610040	RUS610043	RUS610045	—	—	RUS610115*	RUS610180*	RUS610183*	RUS610185*
-12	RUS610050	—	RUS610055	—	—	RUS610125	—	—	RUS610195

**** Only available in swivel-style hose end.***

ProClassic Crimp-On Swivel Hose Ends

Aluminum ProClassic hose ends swivel a full 360° and are easy to assemble. Install the crimp collar over the hose, push the hose onto the fitting, and crimp the collar with the manual crimper and the proper die (collars and dies are sold separately). All fittings have a black/silver anodized finish.

Dash Size	Straight Hose End	45° Hose End	90° Hose End	120° Hose End	180° Hose End
-6	RUS610463	RUS610473	RUS610483	RUS610493	RUS610513
-8	RUS610523	RUS610533	RUS610543	RUS610553	—
-10	RUS610583	RUS610593	RUS610603	—	—
-12	RUS610643	—	RUS610663	RUS610673	—

Crimp Collars

For use with ProClassic crimp-on swivel hose ends. Packs of six.

Part No.	Description
RUS610353	-4
RUS610363	-6
RUS610373	-8
RUS610383	-10
RUS610393	-12

ProClassic Hose

Lighter and easier to assemble than stainless steel braided hose and is compatible with fuel, oil, or antifreeze. Lightweight nylon fiber outer braid with extruded synthetic rubber core has a 350 PSI pressure rating and may be used with full-flow swivel hose ends.

Dash Size	3 Feet	6 Feet	10 Feet	20 Feet
-6	RUS632053	RUS632063	RUS632073	RUS632093
-8	RUS632103	RUS632113	RUS632123	RUS632143
-10	RUS632153	RUS632163	RUS632173	RUS632193
-12	RUS632203	RUS632213	RUS632223	RUS632243

ProClassic II Hose

Utilizing an all-black nylon braided outer cover and a CPE synthetic rubber inner liner, ProClassic II has a maximum working pressure of 350 PSI and is fully compatible with fuel, oil, and anti-freeze. Recommended for use with Full Flow hose ends, Non-Swivel, Swivel, ProClassic, and ProClassic II Crimp-On hose ends. Sold in pre-packaged lengths.

Part No.	Description
RUS632095	-6AN x 20'
RUS632125	-8AN x 10'

Proflex Stainless Steel Braided Hose

Stainless steel outer braid and Chlorinated Polyethylene (CPL) synthetic liner with flexible nylon inner resist abrasion and will not collapse. Hose has a temperature range of -40°F to +350°F and is compatible with all hydrocarbon and alcohol-based fuels, lubricants, and additives. For use with Full Flow hose ends.

Dash Size	I.D.	OD.	Part No.
3 Feet			
-4	7/32"	1/2"	RUS632000
-6	11/32"	9/16"	RUS632050
-8	7/16"	5/8"	RUS632100
-10	9/16"	25/32"	RUS632150
-12	11/16"	29/32"	RUS632200
-16	7/8"	1-1/8"	RUS632250
6 Feet			
-4	7/32"	1/2"	RUS632010
-6	11/32"	9/16"	RUS632060
-8	7/16"	5/8"	RUS632110
-10	9/16"	25/32"	RUS632160
-12	11/16"	29/32"	RUS632210
-16	7/8"	1-1/8"	RUS632260

Dash Size	I.D.	OD.	Part No.
10 Feet			
-6	11/32"	9/16"	RUS632070
-8	7/16"	5/8"	RUS632120
-10	9/16"	25/32"	RUS632170
-12	11/16"	29/32"	RUS632220
15 Feet			
-6	11/32"	9/16"	RUS632080
-8	7/16"	5/8"	RUS632130
-10	9/16"	25/32"	RUS632180
-12	11/16"	29/32"	RUS632230
20 Feet			
-6	11/32"	9/16"	RUS632090
-8	7/16"	5/8"	RUS632140
-10	9/16"	25/32"	RUS632190

Twist-Lok Hose

High-quality, economical Twist-Lok hose is manufactured using a CPE synthetic rubber liner covered with a reinforcing fabric braid, resulting in a product that is lightweight and flexible. Hose is pressure rated up to 250 PSI, suitable for use with most fuel and oil systems. Not recommended for use with power steering systems. Compatible with all AN style fittings. Offered in black only.

Dash Size	I.D.	O.D.	3 Feet	6 Feet	10 Feet	15 Feet	25 Feet
-4	1/4"	15/32"	—	RUS634353	—	RUS634113	—
-6	3/8"	5/8"	RUS634363	RUS634373	RUS634143	RUS634153	RUS634163
-8	1/2"	23/32"	RUS634383	RUS634393	RUS634183	RUS634193	RUS634203
-10	5/8"	13/16"	RUS634403	—	RUS634223	—	RUS634243

Twist-Lok Hose Ends

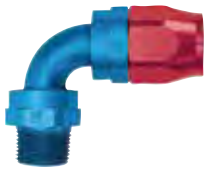
Lightweight aluminum hose ends are up to 40% lighter than conventional units and are easy to assemble or disassemble. The 37° sealing surface is compatible with other manufacturers' hose ends. Fittings are available in blue or black anodizing. For use only with Twist-Lok hose.

Dash Size	Straight Blue	Straight Black	45° End Blue	45° End Black	90° End Blue	90° End Black
-4	RUS624000	RUS624003	—	—	RUS624150	—
-6	RUS624010	RUS624013	RUS624080	RUS624083	RUS624160	RUS624163
-8	RUS624020	RUS624023	—	RUS624093	RUS624170	RUS624173
-10	RUS624030	RUS624033	RUS624100	RUS624103	RUS624180	RUS624183

Full Flow 90° Swivel Pipe Thread Hose Ends

Unique, pipe thread-to-hose swivel ends need no separate adapter for direct connection to fuel pumps, fuel filters, fuel regulators, oil pumps, etc. Red and blue anodized fittings have a tapered hose end for easy assembly.

Dash Size	Pipe Size	90° Swivel
-6AN	1/4"	RUS612090
-6AN	3/8"	—
-8AN	1/2"	—



Full Flow 90° Radius Port Hose End O-Ring Boss

Dash Size	Thread	Part No.
-6	9/16”-18	RUS612463

Straight Swivel Coupler

Offered in black only.

Part No.	Dash Size
RUS640003	-6
RUS640013	-8
RUS640023	-10
RUS640033	-12

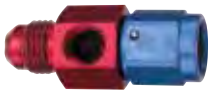
Allen Socket Pipe Plug

Offered in black only.

Part No.	NPT Size
RUS662033	1/8"
RUS662043	1/4"
RUS662053	3/8"
RUS662063	1/2"

Fuel Pressure Take Off Adapters

All adapters have 1/8" NPT port. Offered with red/blue or black anodized finishes.



RUS670290

RUS670343

Dash Size	Red/Blue	Black
-4	RUS670290	—
-6	RUS670340	RUS670343
-8	RUS670350	RUS670353
-10	RUS670360	—

Competition Fuel Filters

Billet aluminum in-line filters for high-volume fuel systems have 40-micron disc elements. Available with polished, red and blue, or black anodized finishes.

Description	Polished	Red/Blue	Black
-6AN Male Ports, 3"L x 1-1/4" Dia.	RUS650140	RUS650130	RUS650133
-8AN Male Ports, 3-1/4"L x 1-1/4" Dia.	RUS650110	RUS650100	RUS650103

Speed Bleeder Bag

RUS639500

Speed bleeder bag catches fluid during brake bleeding, preventing messy spills. Includes 12-oz. capacity plastic bag and plastic tubing.

AN Flare to NPT Adapters

Offered with choice of blue or black anodized finishes.

Dash Size	NPT Size	Straight Blue	Straight Black	45° Blue	45° Black	90° Black
-6	1/8"	RUS660450	RUS660453	—	—	—
-6	1/4"	RUS660440	RUS660443	—	—	RUS660823
-6	3/8"	RUS660460	RUS660463	RUS662390	—	RUS660843
-6	1/2"	RUS670150	—	—	—	—
-8	3/8"	RUS660480	RUS660483	—	—	RUS660863
-8	1/2"	RUS660490	RUS660493	—	—	—
-10	3/8"	RUS670030	RUS670033	—	—	—
-10	1/2"	RUS660500	RUS660503	—	RUS660973	RUS660883
-12	1/2"	—	RUS660523	—	—	—

Speed Bleeder

Patented bleeder valve has a spring-loaded, one-way ball and check valve. The stainless steel check ball opens to allow the old fluid and air out then closes automatically between pumps, preventing air from re-entering the line. Replaces original bleeder valve in caliper or wheel cylinder. Sold two per package.

Part No.	Thread	Overall Length
RUS639520	8mm x 1.25mm	24mm
RUS639530	5/16"-24	1"
RUS639540	1/4"-28	.940"
RUS639560	10mm x 1.0	35mm
RUS639570	7mm x 1.0	34mm
RUS639580	10mm x 1.5	30mm
RUS639590	3/8"-24	1.50"
RUS639610	10mm x 1.25	33mm
RUS639630	10mm x 1.0	33mm

SAFECRAFT SAFETY EQUIPMENT

Sprint Car Model SC Automatically- Activated Installed Systems NEW!

Providing fire protection to Sprint applications, the Model SC is completely automatic and includes a manual backup for added protection. A fast-acting sensor and slim, compact design targets high-risk areas using 3M Novec 1230 Fire Protection Fluid. Systems are offered with a 3 or 5 lb. white aluminum cylinder, and attach directly to 1-3/8" dia. roll cage tubing.

Part No.	Description
SFCSC3JEK-137*	Model SC 3 Lb. System, 3-1/4" Dia. x 16" Cylinder, 5.3 lbs.
SFCSC5JEK-137*	Model SC 5 Lb. System, 4" Dia. x 16-1/2" Cylinder, 7.4 lbs.

Nominal weight is the extinguisher only, not including mount or activation hardware.

rugged. radios

Custom Earbud Molding Kit

RGREAR-MOLD-KIT-G

Do-it-yourself kit allows making custom ear molds for truly optimum comfort and unsurpassed audio performance. Includes syringe, two-part impression material, and instructions.

Challenger Semi-Custom Molded Ear Bud Speakers with 1/8" Mono Plug

RGRCHALLENGER-SEMI

Based off a custom-style mold made to fit a variety of ears, these earbuds will have you hearing great quality audio while blocking out environmental noise.

Crew Chief/Spotter Headset and Digital UHF Radio Packages

RGRCREW-RDH-U

Designed for crew chiefs or spotters, single person package combines the H42 headset with a digital handheld radio and coiled headset jumper cable.

Nitro Bee UHF Receiver

RGRNITRO-BEE-UHF

Developed for race drivers and teams where scanners aren't legal, the Nitro Bee UHF receiver offers reliable, one-way communication. Compact, affordable unit is sold complete with stereo ear buds and holster clip.

SCS

6-Spline Quick-Change Gears

Manufactured from aircraft-grade 9310 alloy for maximum strength, 6-spline quick-change gears are crown hobbed, broached for 6-spline shaft fit, and black oxide-finished for corrosion protection. Gears undergo a five-step heat-treating process to deliver maximum durability.

Part No.	Number of Teeth	Gear Ratio	3.78 R&P		4.11 R&P		4.33 R&P	
			Low	High	Low	High	Low	High
SCS62	26/27	1.038	3.64	3.93	3.96	4.27	4.17	4.50
SCS63	26/28	1.076	3.51	4.07	3.82	4.43	4.02	4.66
SCS625	18/24	1.333	2.84	5.04	3.08	5.48	3.25	5.77
SCS623	16/22	1.375	2.75	5.20	2.99	5.65	3.15	5.95
SCS68	20/28	1.400	2.70	5.29	2.94	5.75	3.09	6.06
SCS622	19/27	1.421	2.66	5.37	2.89	5.84	3.05	6.15
SCS69	16/23	1.437	2.63	5.43	2.86	5.91	3.01	6.22
SCS610	22/32	1.454	2.60	5.50	2.83	5.98	2.98	6.30
SCS611	16/24	1.500	2.52	5.67	2.74	6.17	2.89	6.50
SCS612	21/32	1.523	2.48	5.76	2.70	6.26	2.84	6.60
SCS613	18/28	1.555	2.43	5.88	2.64	6.39	2.78	6.74
SCS615	15/24	1.600	2.36	6.05	2.57	6.58	2.71	6.93
SCS616	16/26	1.625	2.33	6.14	2.53	6.68	2.66	7.04
SCS617	20/33	1.650	2.29	6.24	2.49	6.78	2.62	7.14
SCS618	20/34	1.700	2.22	6.43	2.42	6.99	2.55	7.36

Professional Series Quick-Change Gears

Gears are aircraft-grade steel for maximum strength. Each gear has a shaved finish to minimize back-lash and run-out, and is broached for a 10-spline shaft. A 5-step heat-treating process yields maximum gear life for high-stress applications. Gears have a black oxide finish and lightened faces to reduce rotating weight without sacrificing strength.

Gear Set No.	4.11 Ring and Pinion (9-37 Teeth)		No. of Teeth	4.86 Ring and Pinion (7-34 Teeth)	
	Low	High		Low	High
SCS01	4.11	4.11	21/21	4.86	4.86
SCS02	3.96	4.26	27/28	4.68	5.04
SCS05	3.94	4.28	24/25	4.66	5.07
SCS15	3.90	4.33	19/20	4.61	5.12
SCS15K	3.85	4.38	15/16	4.56	5.18
SCS26	3.83	4.41	27/29	4.52	5.22
SCS06	3.78	4.46	23/25	4.47	5.28
SCS25	3.74	4.52	20/22	4.42	5.35
SCS12	3.68	4.58	26/29	4.36	5.42
SCS07	3.63	4.64	23/26	4.30	5.49
SCS07K	3.58	4.69	21/24	4.23	5.54
SCS17	3.55	4.76	19/22	4.19	5.63
SCS08K	3.49	4.83	17/20	4.13	5.71
SCS08	3.48	4.85	22/26	4.11	5.75
SCS19	3.45	4.89	21/25	4.08	5.78
SCS09K	3.42	4.93	25/30	4.05	5.83
SCS09	3.39	4.97	19/23	4.01	5.88
SCS11	3.35	5.04	22/27	3.96	5.97
SCS03	3.31	5.10	25/31	3.92	6.03
SCS13	3.29	5.14	20/25	3.89	6.08
SCS18	3.25	5.19	19/24	3.85	6.13
SCS04K	3.21	5.26	18/23	3.80	6.21
SCS04	3.18	5.31	24/31	3.76	6.28
SCS20	3.16	5.34	20/26	3.74	6.32
SCS22	3.12	5.41	19/25	3.69	6.39
SCS16	3.08	5.48	24/32	3.65	6.48
SCS10	3.04	5.55	20/27	3.60	6.56
SCS34	3.00	5.63	19/26	3.55	6.65
SCS14	2.95	5.72	23/32	3.50	6.76
SCS14K	2.93	5.76	20/28	3.47	6.81
SCS35	2.91	5.80	17/24	3.44	6.86
SCS32K	2.87	5.89	23/33	3.39	6.97
SCS24	2.83	5.96	20/29	3.35	7.04
SCS36	2.80	6.04	17/25	3.30	7.15
SCS37	2.78	6.07	23/34	3.29	7.18
SCS23	2.74	6.16	18/27	3.24	7.29
SCS21	2.69	6.28	17/26	3.18	7.43
SCS27	2.66	6.35	22/34	3.15	7.51
SCS43	2.63	6.42	16/25	3.11	7.59
SCS28	2.60	6.49	19/30	3.08	7.67
SCS29	2.57	6.58	15/24	3.04	7.77
SCS30	2.53	6.67	16/26	2.99	7.89
SCS41	2.49	6.77	17/28	2.95	8.00
SCS31	2.46	6.85	21/35	2.91	8.10
SCS33K	2.43	6.94	16/27	2.88	8.20
SCS30K	2.37	7.12	15/26	2.80	8.42

Sportsman Series Quick-Change Gears

A quality gear priced for the sportsman racer! Sportsman Series, unlightened 10-spline gears are CNC crown-hobbed from 8620 material, then heat-treated and REM-finished prior to shipment.

Gear Set No.	4.11 Ring and Pinion (9-37 Teeth)		No. of Teeth	4.86 Ring and Pinion (7-34 Teeth)	
	Low	High		Low	High
SCS101	4.11	4.11	28/28	4.86	4.86
SCS102	3.96	4.26	27/28	4.68	5.04
SCS1015K	3.85	4.38	15/16	4.56	5.18
SCS1026	3.83	4.41	27/29	4.52	5.24
SCS1025	3.74	4.52	20/22	4.42	5.35
SCS1012	3.68	4.58	26/29	4.36	5.42
SCS107	3.63	4.64	23/26	4.30	5.49
SCS107K	3.58	4.69	21/24	4.23	5.54
SCS1017	3.55	4.76	19/22	4.19	5.63
SCS108K	3.49	4.83	17/20	4.13	5.71
SCS108	3.48	4.85	22/26	4.11	5.75
SCS1019	3.45	4.89	21/25	4.08	5.78
SCS109K	3.42	4.93	25/30	4.05	5.83
SCS109	3.39	4.97	19/23	4.01	5.88
SCS1011	3.35	5.04	22/27	3.96	5.97
SCS103	3.31	5.10	25/31	3.92	6.03
SCS1013	3.29	5.14	20/25	3.89	6.08
SCS1018	3.25	5.19	19/24	3.85	6.13
SCS104K	3.21	5.26	18/23	3.80	6.21
SCS104	3.18	5.31	24/31	3.76	6.28
SCS1020	3.16	5.34	20/26	3.74	6.32
SCS1022	3.12	5.41	19/25	3.69	6.39
SCS1016	3.08	5.48	24/32	3.65	6.48
SCS1010	3.04	5.55	20/27	3.60	6.56
SCS1034	3.00	5.63	19/26	3.55	6.65
SCS1014	2.95	5.72	23/32	3.50	6.76
SCS1014K	2.93	5.76	20/28	3.47	6.81
SCS1035	2.91	5.80	17/24	3.44	6.86
SCS1032K	2.87	5.89	23/33	3.39	6.97
SCS1024	2.83	5.96	20/29	3.35	7.04
SCS1036	2.80	6.04	17/25	3.30	7.15
SCS1037	2.78	6.07	23/34	3.29	7.18
SCS1023	2.74	6.16	18/27	3.24	7.29
SCS1043	2.63	6.42	16/25	3.11	7.59
SCS1028	2.60	6.49	19/30	3.08	7.67
SCS1029	2.57	6.58	15/24	3.04	7.77
SCS1031	2.46	6.85	21/35	2.91	8.10

Note: On short tracks such as 1/4, 3/8, and 1/2 mile, the larger gear is most commonly used on top. Example: If you have a 4:11 ring and pinion and you install a #4 gear set with the big gear on top you will have a 5:31 ratio.

- ***High designation on chart means higher numerical number, but lower gear ratio.***
- ***Low designation on chart means lower numerical number, but higher gear ratio.***

Sprint Car Fuel Cells

These complete tank assemblies include ultra-durable calendared rubber bladder, cross link polyethylene roto-molded shell, low-profile vent check valve, and 4" x 6" fill plate with flush cap.

Part No.	Complete	Replacement Shell
28-Gallon Cell		
PLAOS-228-T	Complete Assembly with Top Pick-Up	PLAFTOS28
PLAOS228B-T	Complete Assembly with Baffle and Top Pick-Up	PLAFTOS28
PLAOS228C-T	Complete Light Weight Assembly with Collector Box and Filter	PLAFTOS28
30-Gallon Cell		
PLAFTAOS230B-TA	Complete Assembly with Baffle and Top Pick-Up	PLAFTOS30
PLAFTAOS230ST-TA	Complete Assembly with Smart Trap Box with Filter	PLAFTOS30

Replacement Parts

Part No.	Description
PLASAC-002	Front Cover Plate, 4" x 6" For Sprint Cells
PLASAC-045-12	-12AN Top Pick-up Fitting
PLASAC-061	Fuel Cell Top Plate and Cap

PLASAC-061

Mini Sprint Radiator *PLAMSR*

Mini-sprint radiator is 12" tall x 17-3/4" wide with 3/4" NPT inlet and outlet. Includes top flange and 3/8" pins for mounting to roll cage. Double-pass design provides exceptional cooling.

Mini Sprint Fuel Tank *PLAOMS214-BL*

Hyper 8 mini-sprint fuel cell with tail tank has 8-gallon capacity, bottom outlet, and Outlaw style inserts.

Throttle Pedal *PLATP*

Floor mounted throttle pedal for Sprints and Midgets.

Sprint Car Lower Radiator Hose

Bore (In.)	Black	Blue
1-1/2"	SAMTB-4735BLACK	SAMTB-4735BLUE
1-3/4"	SAMTB-5330BLACK	SAMTB-5330BLUE

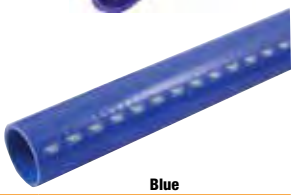
Sport Race Parts

Samco® Sport Race Parts offers a wide range of high-performance silicone hoses to withstand temperatures to 355°F. Standard silicone hoses are not suitable for carrying fuel/oil. See specific fuel/oil hoses.

Bore (In.)	Part No.
135°, 90°, And 45° Elbows	
135° Black	
1-1/2"	SAME13538BLACK
90° Black	
1-1/4"	SAME9032BLACK
1-1/2"	SAME9038BLACK
1-3/4"	SAME9045BLACK
90° Blue	
1-1/4"	SAME9032BLUE
1-1/2"	SAME9038BLUE
1-3/4"	SAME9045BLUE
45° Black	
1-1/4"	SAME4532BLACK
1-1/2"	SAME4538BLACK
1-3/4"	SAME4545BLACK
45° Blue	
1-1/2"	SAME4538BLUE
1-3/4"	SAME4545BLUE

Reducer Dia	Part No.
90° Elbow And Straight Reducers	
90° Elbow Reducer - Black	
1-1/2" to 1-3/8"	SAMRE9038-35BLACK
1-3/4" to 1-1/2"	SAMRE9045-38BLACK
Straight Hose Reducer - Black	
1-1/2" to 1-1/4"	SAMSR38-32BLACK
1-3/4" to 1-1/4"	SAMSR45-32BLACK
1-3/4" to 1-1/2"	SAMSR45-38BLACK
Straight Hose Reducer - Blue	
1-3/4" to 1-1/2"	SAMSR45-38BLUE

Straight Hose



Sold in 3' lengths.

Bore (In.)	Black	Blue
1-1/2"	SAMSHL38BLACK	SAMSHL38BLUE
1-3/4"	SAMSHL45BLACK	SAMSHL45BLUE

Alloy Joiners

Part No.	Bore (In.)
SAMAJ38	1-1/2"
SAMAJ45	1-3/4"

Stainless Hose Clamps

Sold in packs of ten.

Part No.	Size	O.D. Range (mm)	O.D. Range (In.)
SAMHCB30	30	22-30	1.187"
SAMHCB45	45	35-45	1.750"
SAMHCB50	50	35-50	1.968"

Direct Mount Hubs
SND1015-15F-9

Forged aluminum hubs directly replace front wheel centers on Superlite-type spindles. Hubs are sold in pairs with Timken bearings and races, seals, dust covers with O-rings, studs, and lug nuts.

Part No.	Description
Replacement Components	
SNDS113	Lug Nut, 5/8"-11, Each

Shortie Spindles *SNDS501*

Sander style aluminum spindles have tubular spindle pins. Sold individually with spindle nuts, locking pins, and washers.

Part No.	Description
Replacement Components	
SNDS512	Spindle Nut and Washer Kit, Pair
SNDS514	King Pin Bushing, Sold Each (Must Be Honed after Installation)

Tubular King Pins and Caps

SNDS167-1

SNDS167C

Part No.	Description
SNDS167-1	Sprint Tubular King Pin, .859" Dia., Fits SNDS500 or SNDS501 Spindles with SNDS167C Cap
SNDS167C	Locking Cap, 1/2"-20 Threads

Rear Cam Drive *SNDS202*

Standard RH 9/16"-18 Threads, 1" Long Body, 1-5/8" Overall Length.

Birdcage Clevis

Part No.	Description
Steel W-Link Clevis	
SNDS620-1	1/2" Shank, 3/8" Hole for Pin, for Birdcages with a 1/2" Clevis Hole
SNDS620	5/8" Shank, 3/8" Hole for Pin, for Birdcages with a 5/8" Clevis Hole

SNDS620

Torsion Bar Bronze Bushing
SNDS149B

Fits 1-1/2" tube with .095" wall.

Front Rotor Mount Kit
SNDS517

Kit includes 3 stands and 3 flat-head bolts, both with 1/2"-20 threads.

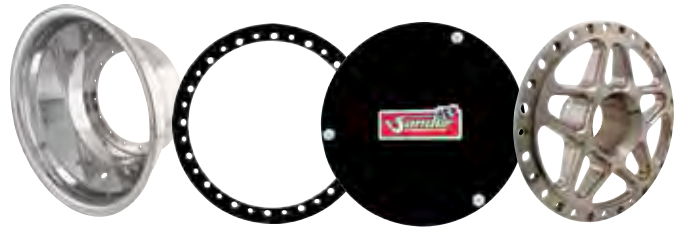
Wheels **NEW!**

SNDS15-155-SI1

CNC cold-spun wheel halves are cold-formed over a two-stage mandrel and heat-treated twice, resulting in a perfect wheel. Bead locks are billet, not formed. Halves are polished and lock ring is anodized.

Part No.	Description
Direct Mount Front Wheels	
15" x 8"	
SNDS15-083-DN	3" Back Space, Polished
SNDS15-084-DN	4" Back Space, Polished
SNDS15-085-DN	5" Back Space, Polished
SNDS15-083-DN-B	3" Back Space, Black
SNDS15-084-DN-B	4" Back Space, Black
SNDS15-085-DN-B	5" Back Space, Black
SNDS15-084-DO2	4" Back Space, Outside Lock
SNDS15-084-DO2-B	4" Back Space, Outside Lock Black
Sprint	
15" x 15"	
SNDS15-155-SI1	5", Inside Lock
SNDS15-155-SI1-B	5", Inside Lock, Black
SNDS15-156-SI1	6", Inside Lock
SNDS15-156-SI1-B	6", Inside Lock, Black
15" x 17"	
SNDS15-175-SO2	5", Outside Lock w/ Cover
SNDS15-175-SO2-B	5", Outside Lock, Black
SNDS15-176-SO2	1 6", Outside Lock w/ Cover
SNDS15-176-SO2-B	6", Outside Lock, Black
SNDS15-177-SO2	7", Outside Lock w/ Cover
SNDS15-177-SO2-B	7", Outside Lock, Black
15" x 18"	
SNDS15-185-SO2	5", Outside Lock w/ Cover
SNDS15-185-SO2-B	5", Outside Lock, Black
SNDS15-186-SO2	6", Outside Lock w/ Cover
SNDS15-186-SO2-B	6", Outside Lock, Black

Wheel Accessories



Part No.	Description
SND1-08	15" x 8" Wheel Half, No Beadlock
SND1020-15	Splined Rear Wheel Center - Natural Aluminum
SND1020-15F	Splined Rear Wheel Center - Polished Aluminum
SND15-022	Mud Cover, #2 Type, with Quick Fastener Button

Front Brake Hat *SND1055*

Lightweight aluminum hat fits 12.18" diameter vented rotor. Should be used with SNDS517 mounting stands, which mount to the back side with 8 x 7.62" bolt pattern rotor.

Front Mount Caliper Bracket
SND1054-2

Caliper bracket is engineered for use with Sander SNDS501 or 2000 series spindles and accepts 4-piston calipers with 5.25" mounting. Sold each.

Endurance Series Shaft Mount Rocker Arms for Small Block Chevy 265-400

Made to endure the most demanding racing applications, Endurance Series shaft-mount rocker arms offer optimal valvetrain performance and geometry. Narrow body rocker arms are manufactured from aircraft-grade aluminum and incorporate centerless-ground shafts and a full complement of needle bearings. Sold complete with rocker arms, rocker shafts, and necessary hardware. 1.5/1.5 Ratio.

Part No.	Description
Small Block Chevy 265-400	
SPN3500	1.5/1.5 Ratio
SPN3902	1.6/1.6 Ratio, AFR 23° Head

Race Series Aluminum Roller Rocker Arms

Blue anodized rocker arms have needle-bearing fulcrum assemblies, wide-contact roller tips, and locking nuts. Sold in sets of 16. May be purchased individually (add -1 at the end of the part number).

Part No.	Description
Small Block Chevy 265-400	
SPN1000	1.5 Ratio, 3/8" Stud
SPN1001	1.5 Ratio, 7/16" Stud
SPN1002	1.6 Ratio, 3/8" Stud
SPN1003	1.6 Ratio, 7/16" Stud
SPN1009	1.65 Ratio, 7/16" Stud
SPN1028	1.5/1.6 Ratio, 7/16" Stud
Replacement Poly Locks	
SPNPL38-4	3/8" Poly Lock, 4-Pack
SPNPL716-4	7/16" Poly Lock, 4-Pack

Excalibur Forged Steel Crankshafts

Offered for popular small block Chevy applications, Excalibur lightweight crankshafts are manufactured from 4340 non-twist forgings, which have been precision ground, heat treated, and nitrate-hardened for superior wear resistance. Crankshafts weigh 48 lbs. and feature innovative oiling holes that increase the amount of oil traveling from the main to the rod bearings, improving durability.

Part No.	Description	Stroke	Rod Length	Rod Journal
SB Chevy 350				
SCA7-350-3480-5700	Int. Balance, 2-Pc. Seal	3.480"	5.700"	2.100"
SCA7-350-3750-6000	Int. Balance, 2-Pc. Seal	3.750"	6.000"	2.100"
SCA7-350-3875-6000	Int. Balance, 2-Pc. Seal	3.875"	6.000"	2.100"
SCA7-350-4000-6000	Int. Balance, 2-Pc. Seal	4.000"	6.000"	2.100"
SB Chevy 400				
SCA7-400-4000-6000	Int. Balance, 2-Pc. Seal	4.000"	6.000"	2.100"

Excalibur 4340 Lightweight Forged Crankshafts

Offered for small block Chevy, Excalibur lightweight crankshafts are manufactured from 4340 non-twist forgings, which have been precision-ground, heat-treated, and nitride-hardened for superior wear resistance.

Part No.	Description	Stroke	Rod Length	Rod Journal
SB Chevy				
SCA7-350-3750-6000	Int. Balance, 1-Pc. Rear Seal	3.750"	6.000"	2.100"
SCA7-350-3875-6000	Int. Balance, 1-Pc. Rear Seal	3.875"	6.000"	2.100"
SCA7-350-4000-6000	Int. Balance, 1-Pc. Rear Seal	4.000"	6.000"	2.100"
SCA7-400-4000-6000	Int. Balance, 1-Pc. Rear Seal	4.000"	6.000"	2.100"

F43 Series Forged 4340 Steel Crankshafts

Forged 4340 steel crankshafts are exceptionally light (just 40-42 pounds), with pendulum cut and profiled counterweights, and gun-drilled main line holes. Crankshafts are nitride-hardened for increased wear resistance. Straight shot, chamfered oil holes improve lubrication.

Part No.	Stroke	Rod Length	Rod Journal
SB Chevy 350			
Honda Journal, 2-Pc. Rear Seal			
SCA4-350-3480-5700-18LW	3.480"	5.700"	1.888"
SCA4-350-3500-5700-18LW	3.500"	5.700"	1.888"
Small Journal, 2-Pc. Rear Seal			
SCA4-350-3480-5700-20LW	3.480"	5.700"	2.000"
Large Journal, 2-Pc. Rear Seal			
SCA4-350-3480-5700-21LW	3.480"	5.700"	2.100"
SCA4-350-3500-5700-21LW	3.500"	5.700"	2.100"
SB Chevy 400			
Large Journal, 2-Pc. Rear Seal			
SCA4-400-4000-6000-21LW	4.000"	6.000"	2.100"

Forged 4340 H-Beam Connecting Rods

Profiled H-beam connecting rods are compatible with many popular stroker engines and the doweled caps provide a superb fit. All rods are fitted with ARP bolts and sold in balanced sets of eight.

Part No.	Description	Length	Journal	Pin
SB Chevy				
SCA2-350-5700-2100	Bushed	5.700"	2.100"	.927"
SCA2-350-6000-2100	Bushed	6.000"	2.100"	.927"
SCA2-350-6000-2100A*	Bushed	6.000"	2.100"	.927"
SCA2-350-6000-1888-QLS†	Bushed	6.000"	1.888"	.927"
SCA2-350-6000-2000-QLS†	Bushed	6.000"	2.000"	.927"
SCA2-350-6125-2100A *	Bushed	6.125"	2.100"	.927"
SCA2-350-6200-2100	Bushed	6.200"	2.100"	.927"

**** Signifies upgraded ARP 2000 cap screws.***
† Signifies Ultra Q-Lite Stroker connecting rods.

Forged 4340 Steel Crankshafts

Cranks are nitride-hardened and straightened, with large fillet radius on all journals for increased lubrication. All rod journals have lightening holes. Each crank has straight shot, back-drilled oiling for maximum efficiency. Available in standard, lightweight, and superlight models. Lightweight cranks are knife-edged and profiled for weight reduction. Superlight cranks feature pendulum undercut counterweights for additional weight reduction. All cranks are micropolished and inspected.

Part No.	Stroke	Rod Length	Rod Journal
SB Chevy 350			
Standard			
SCA4-350-3250-5700	3.250"	5.700"	2.100"
SCA4-350-3480-5700	3.480"	5.700"	2.100"
SCA4-350-3750-5700	3.750"	5.700"	2.100"
SCA4-350-3750-5700-L*	3.750"	5.700"	2.100"
SCA4-350-3750-6000	3.750"	6.000"	2.100"
SCA4-350-3875-6000	3.875"	6.000"	2.100"
SCA4-350-4000-6000	4.000"	6.000"	2.100"
Lightweight			
SCA4-350-3500-5700-2	3.500"	5.700"	2.100"
SCA4-350-3750-6000-2	3.750"	6.000"	2.100"
SCA4-350-3875-6000-2	3.875"	6.000"	2.100"
Superlight			
SCA4-350-3750-6000-3	3.750"	6.000"	2.100"
SB Chevy 400			
Standard			
SCA4-400-3500-6000	3.500"	6.000"	2.100"
SCA4-400-3750-5700	3.750"	5.700"	2.100"
SCA4-400-3750-6000	3.750"	6.000"	2.100"
SCA4-400-3875-6000	3.875"	6.000"	2.100"

**** 1-piece rear main seal.***

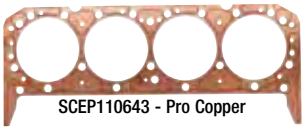
Forged 4340 Pro Stock I-Beam Connecting Rods

Available for Chevy engines, rods have dowel pins for precise fit and 12-point ARP cap screws. Available in press-fit and bushed versions. Sold in balanced sets of eight.

Part No.	Length	Journal	Pin
SB Chevy			
Bushed			
SCA2-ICR5700-2000*	5.700"	2.000"	.927"
SCA2-ICR5700	5.700"	2.100"	.927"
SCA2-ICR5700-7/16‡	5.700"	2.100"	.927"
SCA2-ICR6000-2000*	6.000"	2.000"	.927"
SCA2-ICR6000	6.000"	2.100"	.927"
SCA2-ICR6000-7/16‡	6.000"	2.100"	.927"
SCA2-ICR6200-7/16‡	6.200"	2.100"	.927"
Press-Fit			
SCA2-ICR5700P	5.700"	2.100"	.927"

‡ Premium Pro Comp rods with 7/16" fasteners.
**** Small rod journal 2.000" crankshaft***

Jac Nickles — Photo by: JohnnyB Imagery



SCEP110643 - Pro Copper

SCET110643 - Titan

SCES110643 -Titan ICS

Pro Copper, Titan, and Titan ICS Head Gaskets

Pro Copper head gaskets are made from C-1100 ASTM B152-92 copper sheet, annealed to Rockwell F-32. Titan copper head gaskets combine great strength with built-in offset fluid seals. Pro Copper and Titan gaskets require that the block or cylinder head be O-ringed. O-ring wire must be purchased separately. Titan ICS copper head gaskets, strong enough for extreme compression rates, have integral combustion seals and coolant seals, eliminating the need for O-rings and sealant. All gaskets are sold per pair.

Description	Gasket Bore	Thickness	Part No.
Chevy 350-400			
Pro Cooper			
350	4.060"	.032"	SCEP110632
350	4.060"	.043"	SCEP110643
350	4.060"	.062"	SCEP110662
400	4.155"	.032"	SCEP111532*
400	4.155"	.043"	SCEP111543*
400	4.155"	.050"	SCEP111550*
400	4.155"	.062"	SCEP111562*
400	4.200"	.043"	SCEP112043*
400	4.200"	.062"	SCEP112062*

Description	Gasket Bore	Thickness	Part No.
Chevy 350-400			
Titan			
350	4.060"	.043"	SCET110643
400	4.155"	.043"	SCET111543

Description	Gasket Bore	Thickness	Part No.
Chevy 350-400			
Titan ICS			
350	4.060"	.043"	SCES110643
400	4.155"	.043"	SCES111543

**** SB Chevy 400 gaskets do not have steam holes between cylinders. SCE recommends using 304 stainless steel wire to properly O-ring cylinder heads and block. O-rings do not need to be changed when installing new head gaskets.*** ***See next page for O-ring wire.***

O-Ring Wire

SCE recommends 304 stainless wire to properly O-ring cylinder heads or block. O-rings do not need to be changed when installing new head gaskets.

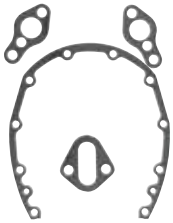
Part No.	Description
SCE31541	0.041" 304 Stainless Wire, 15' Roll
SCE31542	0.041" Wire and Installation Kit

Accu-Seal Intake Gaskets

Available in standard Accu-Seal "E" and premium Accu-Seal Pro. Accu-Seal Pro Gaskets have the added benefit of silicone beading around the ports and water passages.

Part No.	Description	Port Type	Thk.
Small Block Chevy 265-400			
SCE111118	Accu-Seal "E"	18°/1.265" x 2.180"	1/16"
SCE111124	Accu-Seal "E"	Pro Topline 14°	1/16"
SCE211102	Accu-Seal Pro	23°/1.32" x 2.19"	1/16"

SB Chevy Timing Cover, Water Pump and Fuel Pump Gasket Set *SCE11100*



Fits all 265-400 Chevys and includes timing cover, water pump, and fuel pump gaskets.

Quick Change Rear Axle Gaskets

Reusable Accu-Seal Pro gaskets are made from a PTFE-coated laminate with a steel core.

Description	Part No.
Quick Change Gasket	SCE204
Quick Change Gasket, Contoured	SCE204 *
**** Steel core***	

Pro Copper Exhaust Gaskets

SCE offers exhaust gaskets made of dead-soft copper, a very durable material that will never blow out. Sold in pairs.

Part No.	Description	Port Type
Small Block Chevrolet 262-400		
SCE4011	Pro Copper Embossed	Round 1.50" Dia.
SCE4111	Pro Copper Embossed	18° Heads
SCE4211	Pro Copper Embossed	Square 1.500" x 1.437"
SCE4311	Pro Copper Embossed	"D" Port w/1.75" Dia. Primary Tube

Dyno-Pak Bulk Gasket Sets

Packaged for the engine builder. Sets include ten gaskets.

Part No.	Description
Small Block Chevy 265-400	
SCE202	Distributor Gaskets
SCE1100-10	Timing Cover Gaskets
SCE1101-10	Water Pump Gaskets (Sets)
SCE1102-10	Timing Cover Seals
SCE1105-10	Rear Main Seals, 2-Pc. Silicone
SCE11090-10	Oil Pan, 1975-85 LH Dipstick, Thick Ft. Seal
SCE11092-10	Oil Pan Gaskets, 86-Up 1-Pc. Rear Main Seal, RH Dipstick, Thick Ft. Pan Seal
SCE11093-10	Oil Pan Gasket for Rocket Block
SCE11095-10	Oil Pan Gaskets, Crate Engine, 2-Pc. Rear Main Seal, RH and LH Dipstick

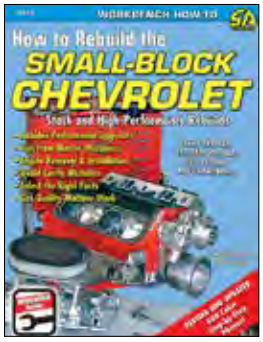
SB Chevy Oil Pans Gaskets

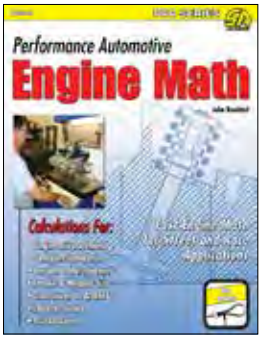
Part No.	Description
SCE111090	.090" Thick
SCE111093	Rocket Block

S-A Design Books

S-A offers a full complement of technical books to help the beginner or seasoned oval track enthusiast. Each softbound book is packed full of informative photos and illustrations.

Part No.	Description
SABSA26	How to Build the Small Block Chevrolet, 160 Pages
SABSA204	Performance Automotive Engine Math, 160 Pages
SABSA215	David Vizard's How to Port and Flow Test Cylinder Heads, 160 Pages
SABSA251	Modern Engine Blueprinting Techniques: A Practical Guide to Precision Engine Building, 192 Pages





WWW.SCHOENFELDHEADERS.COM

SCHOENFELD Headers

Straight Tube Style Headers

Formed from 18-gauge tubing with fewer bends for increased flow. 32" primaries dump into long collectors for increased bottom end torque. Clearance from 1-5/8" - 1-3/4" head to inside surface of header tubes is 4".

Part No.	Description	Tube Diameter	Collector Dia./ Length
Standard			
SCH1052LV-3	Chevy "Step" Headers	1-5/8"-1-3/4"	3" x 13"
SCH1054LV	Chevy "Step" Headers	1-3/4"-1-7/8"	3-1/2" x 13"
SCH1055L	Chevy Headers	1-7/8"	3-1/2" x 13"
Spread Port			
SCH1054LVSP	Chevy "Step" Headers	1-3/4"-1-7/8"	3-1/2" x 13"
SCH1055LDN	Chevy Headers	1-7/8"	3-1/2" x 13"
SCH1055LVDN	Chevy "Step" Headers	1-7/8"-2"	3-1/2" x 13"
SCH1055LVAP	Chevy "Step" Header for All Pro	1-7/8"-2"	3-1/2" x 13"
SCH1055LVAP-16	Chevy "Step" Header for All Pro	1-7/8"-2"	3-1/2" x 16"
SCH1055LVDN-16	Chevy "Step" Headers	1-7/8"-2"	3-1/2" x 16"
SCH1056LDN	Chevy Headers	2"	3-1/2" x 13"

Standard Chevy "Step" Header

SCH1015LVDN

Formed from 18-gauge tubing with 32" long primaries, long collectors, and CNC laser-cut flanges to clear down nozzles. For spread port applications.

Tube Dia.	Collector Dia./Length
1-7/8"-2"	3-1/2" x 13"

Forward Style Headers

Allow more room for muffler clearance. Headers have 32" long primary tubes, long collectors for added bottom-end torque, and fit spread port heads.

Spread Port Part No.	Description	Tube Diameter	Collector Dia./Length
SCH1024LVSP	Chevy "Step" Headers	1-3/4" - 1-7/8"	3-1/2" x 13"
SCH1025LVAP	Chevy "Step" Headers, All Pro	1-7/8"-2"	3-1/2" x 13"
SCH1025LVDN	Chevy "Step" Headers	1-7/8"-2"	3-1/2" x 13"
SCH1026LDN	Chevy Headers	2"	3-1/2" x 13"

Short Collector Style Headers

Feature 32" long primary tubes, die-stamped flanges, and short collectors. Offered for small block Chevy standard exhaust port only.

Part No.	Description	Tube Diameter	Collector Dia./Length
SCH1014L	Chevy Headers	1-3/4"	3-1/2" x 8"
SCH1014LV	Chevy "Step" Headers	1-3/4"-1-7/8"	3-1/2" x 9"
SCH1015LV	Chevy Headers	1-7/8"	3-1/2" x 9"
SCH1015LV	Chevy "Step" Headers	1-7/8"-2"	3-1/2" x 9"

Crate Engine Headers

SCH1052LVCM-3

1-5/8" to 1-3/4" primary tubes.

Turn-Outs

Adjust exhaust exit angle in any direction.

Part No.	Description
SCH3025	3" Diameter
SCH3525	3-1/2" Diameter

Mini Sprint Muffler

SCHMS131722

1-3/4" inlet.

SCH63030

SCH14272735-78

Racing Mufflers

Part No.	Length	Core Dia.	Inlet Dia.	Body Dia.
SCH63030	6"	3"	3"	3.5"
SCH63535	6"	3-1/2"	3-1/2"	4"
SCH83030	8"	3"	3"	3-1/2"
SCH83535	8"	3-1/2"	3-1/2"	4"
SCH92535	9"	3-1/2"	3-1/4"	4"
SCH112530	11"	2-1/2"	3"	4"
SCH112535**	11"	2-1/2"	3-1/2"	4-3/8"
SCH113035	11"	3-1/2"	3-1/2"	4-3/8"
SCH14272535	14"	3-1/2"	3-1/2"	4-1/2"
SCH14272735-78*	14"	3-1/2"	3-1/2"	4-1/2"

***** Mandatory for All Stars, ASCS, WOO, and SOD Sprints***
**** Legal for ASCS, WOO, and Knoxville Raceway.***

Insert Mufflers

Lightweight 4" insert for exhaust tubing or collector.

Part No.	Description
SCH42530	2-1/2" Core, Fits 3" Collector
SCH43035	3" Core, Fits 3.5" Collector
SCH43540	3-1/2" Core, Fits 4" Collector

Insert Reducers

Part No.	Description
SCH42530NH	3" Collector
SCH43035NH	3-1/2" Collector

Header Gaskets

SCH01501

The same gaskets that are packed with Schoenfeld headers.

Part No.	Description
SCH01501	SB Chevy, 1-5/8" Square Port
SCH01511	SB Chevy, 1-3/4" Round Port
SCH01530	SB Chevy, ASCS Spread Port
SCH01531	Spread Port Gaskets for Nozzles
SCH01532	SB Chevy, Spread Port Gaskets for All Pro Heads
SCH01533	SB Chevy, Brodix Spread Port

Corey Day

Photo by: JohnnyB Imagery

SCHROTH® RACING

LatchLink II
SRBSR61050H NEW!

Five-point latch-and-link harness includes 2" individual shoulder belts, 2" lap belts with left side pull-up adjust, and a 2" sub belt. Wrap-around harness meets SFI 16.1 specifications. Black only.

LatchLink III-5H

Latch Link 5-point competition harnesses include HANS specific 2"/3" shoulder belts, central latch system, 3" lap belts, and sub strap. Meets stringent SFI 16.1 specifications. Lap and shoulder belts include 3-bar slides for wrap-around mounting. Black only.

Part No.	Description
Fixed Sub Belt	
SRBSR71050H	LH Pull-Up Adjust
SRBSR71750H	Double Pull-Up Adjust
SRBSR76050H	LH Pull-Down Adjust
Adjustable Sub Belt	
SRBSR76751H	Double Pull-Down Adjust

LatchLink III-5
SRBSR71750D

LatchLink 5-point competition harness is complete with 3" shoulder belts, central latch system, 3" lap belts with double pull-up adjust, and fixed sub strap. Lap and shoulder belts include 3-bar slides for wrap-around style mounting. Meets SFI 16.1 specifications.

LatchLink III-6H

Competition 6-point harness includes HANS specific 2"/3" shoulder belts, central latch system, 3" lap belts, and dual submarine belts. Lap and shoulder belts include 3-bar slides for wrap-around style mounting. Meets SFI 16.1 specifications. Black only.

Part No.	Description
SRBSR76560H	RH Pull-Down Adjust
SRBSR71760H	Double Pull-Up Adjust

Harness Pads *SRBSR09119*

Pads provide a soft cushion between harness webbing and driving suit, increasing driver comfort. Black pads, sold per pair, include silver Schroth Racing patch.

Enduro 2X2
SRBSR94510-0-28

Top-of-the-line, six-point harness combines FHR specific 2" Enduro shoulder belts, 2" Enduro lap belts, T-bar adjustable sub strap and a rotary buckle. "ZIP Adjusters" allow ease of adjustment and release for faster, smoother driver changes, when needed. All points are wrap-in, allowing bolt-in or snap-in fittings. Black only.

Competition Harness Installation Hardware

SRBSR01324

SRBSRB15

SRBSRLV7NC

Part No.	Description
SRBSR01324	Rally End Kit with Bolts and Washers
SRBSRB15	Harness Hardware, Snap-In, 3" Wide, SFI 16.1/16.5, FIA Approved, Steel, Natural
SRBSRB23C	Bolt-In Bracket, Bendable
SRBSRLV10.A	Slide Adjuster, 3-Bar for 2" Belt
SRBSRLV7NC	Slide Adjuster, 3-Bar for 3" Belt
SRBSRSG22	Eye Bolt, 7/16" Dia. x 1.5" Long
SRBSRSG39	Reinforcement Plate with 7/16" Nut

SHR Super Sport XLT Frontal Head Restraint NEW!

Very affordable, while including the ability to deliver exceptional driver protection. The SHR Super Sport XLT, which utilizes a sliding tether system and retaining winglets, is offered in 20° version in medium or large sizing. Meets both SFI and FIA specifications.

Part No.	Size
SRBSR42292A	Medium
SRBSR42293A	Large

SHR Flex Frontal Head Restraint

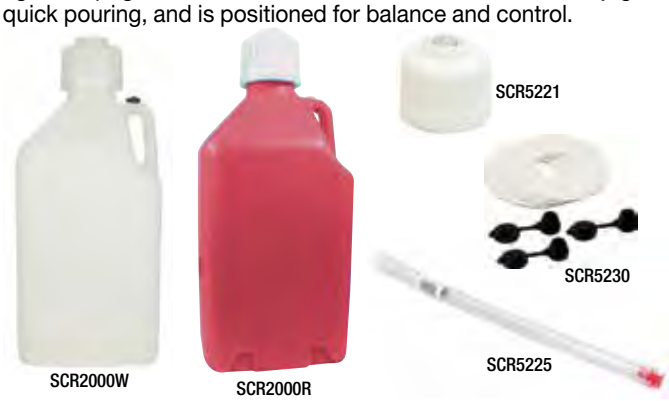
Designed with safety, comfort, and ease of use in mind, the SHR Flex is manufactured from high-strength carbon-reinforced materials, while maintaining an affordable price. The frontal head restraint features an angle-independent design and a small, low collar that allows compatibility with any seating angle. The floating tether allows a full range of head motion to the left or right, while providing increased side stability. The SHR Flex meets SFI 38.1 specifications and is sold complete with helmet posts that connect directly to the M6 nuts.

Part No.	Description
SRBSR42602A-SFI	Medium (Up to 16" Neck) with Pads
SRBSR42603A-SFI	Large (Over 16" Neck) with Pads
SRBSR00057-0	SHR Flex Helmet Hardware

scribner plastics

Utility Jugs

Square 5-gallon jug eliminates wasted space and fits flush against upright flat surfaces. Molded handle bleeds air into jug for quick pouring, and is positioned for balance and control.



Part No.	Color
SCR2000W	Clear
SCR2000G	Green
SCR2000GG	Glow Green
SCR2000GP	Glow Pink
SCR2000K	Black
SCR2000O	Orange
SCR2000P	Purple
SCR2000R	Red
Jug Accessories	
SCR5221	Replacement Cap
SCR5222	Gasket
SCR5223	Replacement Vent
SCR5224	3/4" Pipe Plug
SCR5225	18" Screw-In Filler Hose
SCR5230	Jug Maintenance Kit, Includes (3) SCR5222 Gaskets and (3) SCR5223 Vents

FDA-Approved 5-Gallon Utility Jugs

Utility jugs are molded from heavy-wall FDA polyethylene, allowing them to be safely used for drinking water or food storage. Square, 9-1/2" wide x 9-1/2" deep x 21" tall 5-gallon jugs are impervious to automotive fluids or agricultural chemicals and feature a large 2.7" opening to ease filling or dispensing. Heavy-duty cap accepts 3/4" NPT accessories. Covered by a 5-year warranty against leaks, splitting, or cracks.

Part No.	Description
SCR2315	5-Gallon Camo Green Jug
SCR2320	5-Gallon Desert Tan Jug
SCR2310	5-Gallon Water Jug

SB Chevy Extra-Tall Engine Case

SCR5116

Engine case is a full 4" taller than the traditional SCR5108 unit, sufficient room for tall deck small block Chevy late model engines still fitted with the carburetor and carb spacer. Rigid polyethylene engine case does not have provisions to mount the engine to the case, but is large enough to accept most engine cradles. It is 28"W x 40"L x 33"H.

SB Chevy Engine Case

SCR5108

Container has two mounts that bolt directly to the block. When the engine is lowered into the bottom half of the case, the back of the case can be fastened to the bellhousing bolt holes and the top half of the container is then secured. Polyethylene container weighs 36 lbs. and is 28"W x 40"L x 29"H.

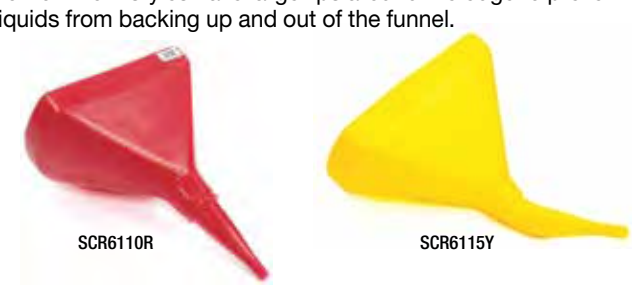
Quarter Midget/Kart Engine Case

SCR5175

Heavy-duty polyethylene engine cases allow conveniently shipping or storing of Quarter Midget/Kart engines. Stackable spacesaver case holds the motor upright, providing maximum protection during shipping or transport. Case is 18"W x 18"L x 16.4"H. Specialized insert is required to secure engine into case.

Funnels

Durable polyethylene funnels are available in round or D-shapes in 14" and 8" sizes. D-shaped funnel stores more easily and will not roll. Both styles have large lips around the edge to prevent liquids from backing up and out of the funnel.



Part No.	Description
SCR6110R	14" Red D-Shaped Funnel
SCR6112R	14" Red Round Funnel
SCR6113R	8" Red Round Funnel
SCR6114R	8" Red D-Shaped Funnel
SCR6115R	14" Red 45° D-Shaped Funnel
SCR6115Y	14" Yellow 45° D-Shaped Funnel
SCR6119	Red Funnel Filter (115 Micron)

Seals-it
WHAT WE DO BEST

Sprint Air Horn Seal

Seal works regardless of vibration or variations in tube diameter. Prevents dirt from entering air box and includes aluminum base. Sold individually; four required for V8's.

Part No.	Description
SICSEIT3001	2-1/2"-2-3/4" Stacks
SICSEIT3002	2"-2-1/2" Stacks
SICSEIT3003	2-3/4"-3" Stacks

Camber Adjustment Kit
SICCA860KS

Redesigned original adjustment kit to allow the racer to change camber at the track in a matter of minutes. Kit lets the front axle lean to just the perfect angle, placing the front tires flat on the race track.

Part No.	Description
Replacement Sleeves	
SICCA860S5	Silver .5°
SICCA860S1	Blue 1.0°
SICCA860S15	Red 1.5°

Rod End Seals

Rod end seals keep dirt and water out of rod ends, insuring longer life and better performance. Excellent for use on dirt cars. Sold in 6 packs.

Part No.	Description
SICWS37506PK	3/8" Rod End, 6-Pack
SICWS50016PK	1/2" Rod End, 6-Pack

Rod End Boots *SICRERS36PK*

Enclosed boots isolate rod ends from dirt, moisture, and corrosion. Ideal for high-misalignment applications. In sets of six, rod end boots fit 1/2", 5/8", and 3/4" SAE, male or female rod ends.

Pointed Firewall Grommet
SICGS4001WPT

Ideal for running throttle linkage, oil pressure lines, battery cables, etc. Grommet has a 2" diameter and a pointed design with no hole.

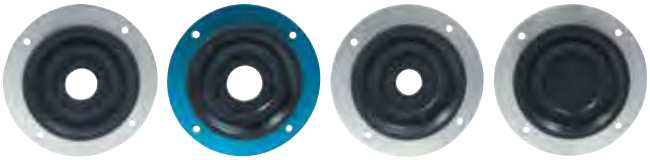
Torque Ball Housing Seals

Available for aluminum "MPD" and steel "DMI" bellhousings, seals fit Chevrolet engines with 3.580" crank flange diameter using motor plates that are 3/8" thick with a thickness variation of +/- 1/64" and center holes with 6.0" +/- 1/64" diameter. Seals may fit other housings as well, but we recommend careful checking before installation. Both types are supplied with black anodized rings around the seal and hard-coat anodized cups.

Part No.	Description
SICTBS2A07	Torque Ball Seal Assy. for DMI Style Housing
SICTBS2C07	Replacement Cup Only for DMI Style Housing
SICTBS2S07	Replacement Seal Only for DMI Style Housing

Firewall Grommets

Grommets may be fastened to firewall with rivets or screws to provide a leakproof passage for hoses or wires. Eliminate sharp edges that can cause electrical shorts or fluid leakage.



Part No.	Description
SICGS10034	3" Diameter, -4AN Hose
SICGS10036	3" Diameter, -6AN Hose
SICGS10038	3" Diameter, -8AN Hose
SICGS100310	3" Diameter, -10AN Hose
SICGS100312	3" Diameter, -12AN Hose
SICGS100316	3" Diameter, -16AN Hose
SICGS100320	3" Diameter, -20AN Hose
SICGS1003BL	3" Diameter, Blank
SICGS20035BL	1-1/2" Diameter, Blank
SICGS404BL	4" Diameter, Blank
SICGS50238BL	2" Diameter, Blank
SICGS101NHBL	Double Hole Grommet, (2) 3" Diameter, Blank

Gauge Isolators

Use between gauge and dash or gauge panel to dampen vibration.

Part No.	Description
SICDB206225	2-1/16" Gauge Isolator
SICDB260275	2-5/8" Gauge Isolator

Keith Sheffer Jr.

Photo by: Marcus Berglund Photos

SHAVIV USA by vargus
Leading Deburring Solutions

Chamfering Blade *SHA29147*

Ideal for external chamfering of tubes and pipes up to 1.02" (26 mm) diameter. Suitable for steel, aluminum, copper, brass, cast iron, stainless steel, and plastics materials.

Deburring Blades

SHA29012-10

Part No.	Description	Blade	Materials
Model B Blade Holder			
Straight Edge, Hole Edge			
SHA29012-10	B10, 10-Pack	High-Speed Steel	Steel, Aluminum, Copper
Model E Blade Holder			
Straight Edge, Hole Edge			
SHA29211-10	E100S, 10-Pack	Cobalt-Enriched	Steel, Aluminum, Copper, Stainless Steel, Plastics

Glo-Burr Handy Deburring Kit

SHA29114

The kit includes four Glo-Burr holders and four blades: 100, 200, 300, and 111.

Part No.	Description
SHA29114	E-Holder
SHA90042	B-Holder

Mango II Extra Close Work Bonus Pack

SHA29249

The tool package is designed to deburr steel, aluminum, copper, brass, cast iron, and plastics. Includes a Mango II handle and 10 blades.

Part No.	Description
Extra-Close Work	
SHA29249	B10 Blades, B-Holder, High-Speed Steel Blade
SHA29250	E100 Blades, E-Holder, HD High-Speed Steel Blade
SHA29254	E100S Blades, E-Holder, Cobalt-Enriched Blade
Long-Reach Work	
SHA29256	B10S Blades, B-Holder, Cobalt-Enriched Blade

Boston Mead — Photo by: Marcus Berglund Photos

Mango II Set FR *SHA90072*

This Mango II Set features a FR ratcheting tool holder for internal chamfering up to 0.78 " (20 mm) I.D. Uses F20 blade. ***Note: All sets deburr, aluminum, copper, brass, cast iron, stainless steel, and plastics.***

Mango II Set-Bi *SHA90073*

This Mango II Set features a FR ratcheting tool holder for external chamfering up to 1.00" (26 mm) O.D. Uses F26X blade.

Mango II Set M *SHA90094*

Deburrs holes, slots, and edges. The two-in-one M-Holder handle supports both B and E blades. Includes handle and 6 blades (B10, B20, B30, E100, E111, E200).

Mango II Set Burr-Bi *SHA90095*

For heavy-duty deburring of materials with single or double straight edges up to 14 mm (0.56") thick. Holder can take two R10, R20, or R30 blades for arc-shaped finishes on workpieces up to 16 mm (0.63") thick.

Scrape-Burr Kit 3+1 *SHA90081*

Tackle most any deburring task with this set of three Scrape-Burr tools: the HD, the All-Purpose, and the Fine-Finish scraper. A Glo-Blurr handle with B10 blade is included as well. ***Note: All sets deburr, aluminum, copper, brass, cast iron, stainless steel, and plastics.***

Zero Flute Chamfering Kit *SHA90098*

This three-piece chamfering kit made with high-speed steel and a 90° flute angle works with any 1/4" bit holder handle or power tool. Tool sizes 9/32" - 13/16", 3/16" - 1/2", and 5/64" - 5/16." Includes finishing bit.

Trent Musk — Photo by: Marcus Berglund Photos

SIMPSON®

The Carbon Devil Ray

Exceptionally lightweight helmet weighs just 2.9 lbs., yet offers exceptional protection and comfort. Snell SA2020-certified helmet features a 100% shield seal to keep dirt and dust out. Helmet is head-and-neck restraint compatible. Offered with natural carbon fiber finish only.

Size	Part No.
X-Small	SIM783000C
Small	SIM783001C
Medium	SIM783002C
Large	SIM783003C
X-Large	SIM783004C
XX-Large	SIM783005C

Venator—Carbon Fiber

Named for an ancient Roman gladiator, the Venator is created using the new CFTI technology. Titanium, which has the highest strength to weight ratio of any metal, is interwoven with carbon fiber to create this premier high-performance helmet. The helmet is radio-ready as well as SA2015 certified for compatibility with all approved head-and-neck restraint technology. White or flat black only.

Size	Carbon Fiber
Small	SIM785001C
Medium	SIM785002C
Medium-Large	SIM785003C
Large	SIM785004C
X-Large	SIM785005C

The Speedway Shark

The Speedway Shark incorporates advanced "Wave Eliminators" to improve aerodynamics, while the recessed eyeport provides a 100% seal. Snell SA2015 certified helmet uses a newly designed shield pivot and latch system that allows raising the shield with ease. USA-made helmet is head and neck restraint-compatible. Sold complete with helmet bag. White or flat black only.

Size	White	Flat Black
7-1/8	SIM7707181	SIM7707188
7-1/4	SIM7707141	SIM7707148
7-3/8	SIM7707381	SIM7707388
7-1/2	SIM7707121	SIM7707128
7-5/8	—	SIM7707588
7-3/4	—	SIM7707348

Speedway Shark Carbon

Identical in design to the traditional Speedway Shark, yet with a lightweight, carbon fiber shell. Advanced aerodynamics and recessed eyeport combine for a 100% seal. Head-and-neck restraint compatible. Meets Snell SA2020 specifications. Offered in natural finish only.

Size	Part No.
7-1/4	SIM770714C
7-3/8	SIM770738C
7-1/2	SIM770712C
7-5/8	SIM770758C
7-3/4	SIM770734C

Diamondback

Groundbreaking helmet includes chin air ram ducts with contrasting vents, as well as fire-retardant lining. The Diamondback meets Snell SA2020 specifications and is offered in white or flat black.

Size	White	Flat Black
7-1/8	SIM7297181	—
7-1/4	SIM7297141	—
7-3/8	SIM7297341	SIM7297348
7-1/2	SIM7297121	SIM7297128
7-5/8	SIM7297581	SIM7297588
7-3/4	SIM7297381	SIM7297388

Super Bandit

Designed with the latest and most advanced testing methods available, Simpson was able to produce a helmet that minimizes lift and buffeting. Ideal for a wide variety of racing, helmet offers a 100% shield seal and is head-and-neck restraint compatible. Meets Snell SA2020 standards. Offered in white or flat black.

Size	White	Flat Black
Small	SIM7210011	—
Medium	SIM7210021	SIM7210028
Large	SIM7210031	SIM7210038
X-Large	SIM7210041	SIM7210048

Bandit

The Bandit's distinctive appearance and profile are complemented by ram ducts for air circulation. The Bandit is Snell SA2020 approved. Available in flat black or gloss black.

Size	Flat Black	Gloss Black
Small	SIM7200018	—
Medium	SIM7200028	SIM7200022
Large	SIM7200038	SIM7200032
X-Large	SIM7200048	SIM7200042
XX-Large	SIM7200058	SIM7200052

SIMPSON

Viper

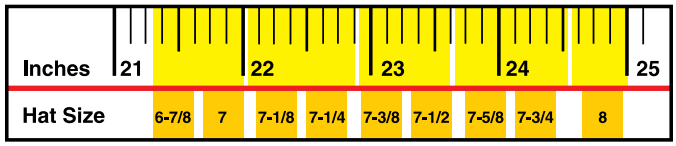
Featuring an all-new design and lightweight composite shell, the Viper utilizes an extra-large eyeport for an exceptional range of vision. Helmet includes removable cheek pads for a truly customizable fit. Top air and side air options are available and may be purchased separately. Meets Snell SA2020 specifications. Offered in white, gloss black, or matte black.

Size	Part No.
Small	SIM7100018
Medium	SIM7100028
Large	SIM7100038
X-Large	SIM7100048
XX-Large	SIM7100058

Replacement Pivot Kits

Part No.	Description
SIM99002	Pivot Kit - Bandits, Sharks, VDO, Valor, Diamondback
SIM99013	Pivot Kit, Fits Devil Ray
SIM99014	Pivot Kit, Fits 101, 102, and 103 Series Shields
SIM99022	Pivot Kit - Voyager and Street Bandit
SIM99016	Pivot Kit, Fits Carbon Bandit
SIM99018	Pivot Kit, Fits Venator

HELMET SIZING CHART (SHOWN AT 50%)



Hat Size	6-5/8 to 6-3/4	6-7/8 to 7	7-1/8 to 7-1/4	7-3/8 to 7-1/2	7-5/8 to 7-3/4	7-7/8 to 8
Helmet Size	XS	SM	MD	LG	XL	XXL

TO ENSURE AN ACCURATE FIT

Carefully measure around head, above the ears. Refer to this sizing chart for your correct hat/helmet size. Helmet must fit properly for optimum performance; do not guess size. Helmet must be securely and snugly fastened before use.

Replacement Helmet Shields

Model	Part No.
SA2020 Models	
Clear	
Bandit/Super Bandit/Carbon Bandit	SIM89400A
Carbon Devil Ray	SIM84300A
Diamondback	SIM1020-17
Smoke	
Bandit/Super Bandit/Carbon Bandit	SIM89401A
Carbon Devil Ray	SIM84301A
Amber	
Bandit/Super Bandit/Carbon Bandit	SIM89403A
Carbon Devil Ray	SIM84304A
Diamondback	SIM1022-17
Iridium Blue Blocker	
Bandit/Super Bandit/Carbon Bandit	SIM89402
Carbon Devil Ray	SIM84303
Diamondback	SIM1023-17
Mirror	
Bandit/Super Bandit/Carbon Bandit	SIM89204MBC
SA2015 Models	
Clear	
Air Inforcer/Shark/Speedway Vudo	SIM1010-17
Carbon Devil Ray	SIM84300A
Venator	SIM84500
Voyager 2	SIM88800A
Smoke	
Carbon Devil Ray	SIM84301A
Venator	SIM84501
Voyager 2	SIM88801A
Amber	
Air Inforcer/Shark/Speedway Vudo	SIM1012-17
X Bandit/RX/Diamondback/Speedway RX	SIM1022-17
Carbon Devil Ray	SIM84304A
Venator	SIM84502
Iridium Blue Blocker	
Air Inforcer/Shark/Speedway Vudo	SIM1013-17
X Bandit/RX/Diamondback/Speedway RX	SIM1023-17
Carbon Devil Ray	SIM84303
Venator	SIM84503
Voyager 2	SIM88803A
Mirror	
Venator	SIM84504

Byron Reed (5), Anthony Macri (71) Photo by: Mike Reusche

SIMPSON®

Eject Helmet Removal System

SIM890-01-30

The Eject Helmet Removal System provides an extra measure of safety in the event of a crash. A small air bladder installs into the helmet without changing its fit, allowing First Responders to inflate the system to gently lift the helmet off the head.

Dual Shield Bag

SIM23900

Made with soft microfibers and a special separation, bag stores two helmet shields to protect from scratches. Machine washable.

Legend II One-Piece Driving Suit

SFI 3.2A/1-rated suit features distinctive styling. Designed as an affordable entry-level suit, Legend II is constructed from flame-resistant cotton, includes a wrap-around collar, three-point epaulets, vertical quilting, 360° full arm gussets, straight leg cuffs, and front pockets. One-piece suit is offered in black/gray or solid black.

Size	Pat No.
Black/Gray	
Large	SIML205371
X-Large	SIML205471
Black	
Youth X-Small	SIMLY22071
Youth Small	SIMLY22171
Youth Medium	SIMLY22271
Youth Large	SIMLY22371
Youth X-Large	SIMLY22471
Medium	SIML202271
Large	SIML202371
X-Large	SIML202471

Helix Youth Racing Suit

Lightweight youth racing suit is designed with athletic performance-enhancing features designed to reduce weight and driver restrictions. Sewn from Dupont Nomex fabric, suit includes 270° arm and back gussets, knee and inner thigh stretch panels, lower back stress relief panel, and upper back ventilation port. Suit meets SFI 3.2A/5 specifications. Black/gray only.

Size	Part No.
Small	SIMHXY2121
Medium	SIMHXY2221
Large	SIMHXY2321
X-Large	SIMHXY2421

One- and Two-Piece Nomex Double-Layer Driving Suits

Vertical quilt double-layer suits have patch pockets on pants and zippered breast pockets. Made of Nomex III Gabardine outer layer and a Nomex III Aramide fleece inner layer. Meet SFI 3-2A/5 specifications. Suits are offered in one- and two-piece styles.

Description	Part No.
One-Piece Driving Suits	
Black	
X-Large Nomex	SIM402411
Two-Piece Driving Suits – Jacket	
Black	
Medium Nomex	SIM402212
X-Large Nomex	SIM402412
Blue	
X-Large Nomex	SIM404412

Kart Jacket

Attractive and comfortable, Kart Jacket is suitable for the drivers of Quarter Midgets or go-karts. Jacket is manufactured from 500 Denier material and is not fire-retardant. Not SFI-certified. Offered in black only.

Size	Part No.
Youth Large	SIM102382
Adult X-Large	SIM102482

CarbonX Underwear

Meets SFI 3.3. Black.

Description	Part No.
Long Sleeve Top	
Small	SIM20600SB
Medium	SIM20600M
Large	SIM20600L
X–Large	SIM20600X
XX–Large	SIM20600Z
Short Sleeve Top	
Medium	SIM20602M
Large	SIM20602L
X–Large	SIM20602X
XX–Large	SIM20602Z
Full Length Bottom	
Small	SIM20601S
Medium	SIM20601M
Large	SIM20601L
X–Large	SIM20601X
XX–Large	SIM20601Z

CarbonX Socks

One size fits all. Black.

Size	Part No.
6-8	SIM23029C
8-10	SIM23029C
9-11	SIM23029C
10-14	SIM23029C

CarbonX Head Socks *SIM23000C*

CarbonX single eyeport. Moisture-wicking Nomex head sock meets SFI 3.3 requirements. Black.

Liberty Gloves NEW!

Similar in construction and design to the popular Endurance glove, yet with USA pride. Nomex gloves are SFI 3.3/5 approved, and feature a pre-curved design with external seams along with palm and finger grips for improved steering wheel feel.

Size	Part No.
Small	SIMLGSF
Medium	SIMLGMF
Large	SIMLGLF
X-Large	SIMLGXF

Vortex Gloves

The Vortex is an SFI 3.3/5-rated professional racing glove with Nomex® construction. Strategically placed wrist bone padding provides additional protection in this stressed area. Features comfortable external seams and pre-curved palms. Gray/white only.

Part No.	Black/White	Gray/White
Small	SIMVRSK-F	SIMVRSG-F
Medium	SIMVRMK-F	SIMVRMG-F
Large	SIMVRLK-F	SIMVRLG-F
X-Large	SIMVRXK-F	SIMVRXG-F
XX-Large	SIMVRZK-F	SIMVRZG-F

Competitor Gloves

Nomex gloves have silicon palms and touch points for exceptional grip and limited bunching. Double-layer gloves meet SFI 3.3/5 specifications and are available in red or black with distinctive white trim.

Size	Red	Black
Small	—	SIM21300SK-0
Medium	—	SIM21300MK-0
Large	SIM21300LR-0	SIM21300LK-0
X-Large	SIM21300XR-0	SIM21300XK-0

Impulse Driving Gloves

Lightweight, fire-resistant gloves offer exceptional comfort, feel, and grip. Gloves are constructed using Nomex with soft goat-leather palms and external seams. Choose from black, blue, or red. Meet SFI 3.3/5 specifications.

Size	Black	Blue	Red
XX-Small	SIMIMYK	—	—
X-Small	SIMIMTK	—	—
Small	SIMIMSK	SIMIMSB	—
Medium	SIMIMMK	SIMIMMB	SIMIMMR
Large	SIMIMLK	SIMIMLB	SIMIMLR
X-Large	SIMIMXK	SIMIMXB	SIMIMXR
XX-Large	SIMIMZK	—	—

Super Sport Gloves

Affordable, entry-level gloves are designed to protect and perform. Nomex construction gloves include reverse seams and silicone graphics. Meet SFI 3.3/1 specifications. Black only.

Size	Part No.
X-Small	SIMSSTK
Small	SIMSSSK
Medium	SIMSSMK
Large	SIMSSLK
X-Large	SIMSSXK

Adrenaline Shoes

The Adrenaline combines exceptional pedal feel and superior comfort with satin suede toe, heel, and lace guard reinforcements, fleece Nomex linings, non-slip Posi-grip soles, and single Speedfit closures. Shoes meet SFI specifications. Black only.

Size	Part No.
4	SIMAD400BK
5	SIMAD500BK
6	SIMAD600BK
7	SIMAD700BK
7-1/2	SIMAD750BK
8	SIMAD800BK
8-1/2	SIMAD850BK
9-1/2	SIMAD950BK
10	SIMAD100BK
10-1/2	SIMAD105BK
11	SIMAD110BK
11-1/2	SIMAD115BK
12	SIMAD120BK
12-1/2	SIMAD125BK
13	SIMAD130BK

Mid-Top Shoes

Comfortable, lightweight shoes combine satin suede toe, heel, and lace guard reinforcements with non-slip, polyurethane soles and a flame-resistant fleece lining. Meets SFI 3.3/5 specifications. Offered in black/gray only.

Size	Part No.
8	SIMMT800BK
8-1/2	SIMMT850BK
9	SIMMT900BK
9-1/2	SIMMT950BK
10	SIMMT100BK
10-1/2	SIMMT105BK
11	SIMMT110BK
11-1/2	SIMMT115BK
12	SIMMT120BK
12-1/2	SIMMT125BK
10-1/2	SIMMT105BK
11	SIMMT110BK
11-1/2	SIMMT115BK
12	SIMMT120BK
12-1/2	SIMMT125BK

High-Top Shoes

Suede-leather high-top has Velcro closure, bottom laces, Nomex® fleece-lined interior, and polyurethane type-M sole with athletic-style inner sole. Meets SFI 3.3/5 specifications.

Size	Black	Blue	Red
7	SIM28700BK	—	—
7-1/2	SIM28750BK	—	—
8	SIM28800BK	SIM28800BL	—
8-1/2	SIM28850BK	—	SIM28850RD
9	SIM28900BK	SIM28900BL	—
9-1/2	SIM28950BK	SIM28950BL	SIM28950RD
10	SIM28100BK	SIM28100BL	SIM28100RD
10-1/2	SIM28105BK	SIM28105BL	SIM28105RD
11	SIM28110BK	SIM28110BL	SIM28110RD
11-1/2	SIM28115BK	SIM28115BL	SIM28115RD
12	SIM28120BK	—	—
13	SIM28130BK	—	—
13.5	SIM28135BK	—	—
14	SIM28140BK	—	—

Stealth Sprint Shoes

Shoes are high-top with bottom lace cover, two top closures, and smooth leather toe, lace, and heel guard reinforcements. Meets SFI specs. Black only.

Size	Part No.
8	SIMSP800BK
8-1/2	SIMSP850BK
9	SIMSP900BK
9-1/2	SIMSP950BK
10	SIMSP100BK
10-1/2	SIMSP105BK
11	SIMSP110BK
11-1/2	SIMSP115BK
12	SIMSP120BK

Garage Crew Shoes

An everyday shoe that is designed to resist abrasion, while offering superb footing and stability in a work environment. Shoes combine durable, cushioned interiors with slip-resistant soles and suede/canvas uppers. Offered in black only.

Size	Part No.
7	SIM57700BK
7-1/2	SIM57750BK
8	SIM57800BK
8-1/2	SIM57850BK
9	SIM57900BK
9-1/2	SIM57950BK
10	SIM57100BK
10-1/2	SIM57105BK
11	SIM57110BK
11-1/2	SIM57115BK
12	SIM57120BK
12-1/2	SIM57125BK
13	SIM57130BK

Roll Bar Padding *SIM36008S*

SFI-approved padding meets SFI 45.1 specifications and will not drip or melt when exposed to fire. Sold in 3' lengths. Padding fits 1-5/8"-2" dia. tubing.

Platinum Series Driver Restraint Systems with Ratchet Adjusters

Designed for dirt track racers where the ride is exceptionally rough, Platinum Series five-point ratchet-style belts are manufactured in the USA. Meets SFI 16.1 specifications. Individual shoulder belts are fully compatible with head-and-neck restraints. Choose from systems with steel or aluminum adjusters. Black only.

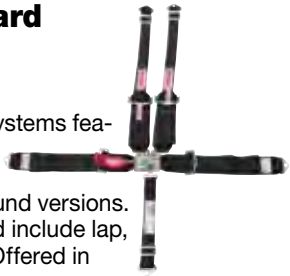
Part No.	Description
5-Point Restraint System	
SIMSB51203	Steel Adjusters, Left Side Ratchet
SIMSB51204	Aluminum Adjusters, Left Side Ratchet

Platinum Series Driver Restraint Systems

NASCAR-approved restraint systems have undergone stringent tests for webbing, hardware, proof load, and maximum load. Heavy-duty, platinum-colored polyester belts are 20% stronger and are available with Latch F/X, Latch-and-Link, or Rotary Cam-lock with quick in/out and smooth adjustment. Sets include lap, shoulder, and dual submarine belts (unless specified).

Part No.	Description
Latch and Link Restraint Systems	
SIM29056SP	Pull-Down, Bolt-In 6-Pt. Restraint System
SIM29064P	Pull-Down, 55" Wrap-Around 5-Pt. Restraint System
SIM29063P	Pull-Down, 55" Individual, Bolt-In 5-Pt. Restraint System
Latch F/X Restraint System	
SIM29072P	Pull-Down, 62" Wrap-Around, 5-Pt. Restraint System
SIM29073SP	Pull-Down, Bolt-In 6-Pt. Restraint System

Hans Compatible Standard Latch-and-Link Driver Restraint Systems



Five-point latch-and-link restraint systems feature 55" individual, Hans-compatible shoulder harnesses with 1-3/4" wide belts in choice of bolt-in or wrap-around versions. Systems use pull-down adjusters and include lap, shoulder, and anti-submarine belts. Offered in black only.

Part No.	Description
SIM29061BKH	62" Individual, Pull-Up, Bolt-In/Wrap-Around
SIM29063BKH	55" Individual, Pull-Down, Bolt-In
SIM29064BKH	55" Individual, Pull-Down, Wrap-Around

Latch F/X Driver Restraint Systems

Compact, lightweight five-point Latch F/X systems prevent accidental release. Sets include lap, shoulder, and submarine belts. Most systems are also available with sternum protector by adding "S" prior to the color suffix. Available in black, blue, and red.

Black	Blue	Red
62" Wrap-Around, Pull-Down		
SIM29072BK	—	—
62" Individual, Pull-Down, Bolt-In		
SIM29073BK	SIM29073BL	SIM29073RD

Standard Latch-and-Link Driver Restraint Systems

Standard 5-point latch-and-link restraint systems use cadmium-plated drop-forged steel hardware, 3" wide military spec. webbing and pull-up or pull-down adjusters. Sets include lap, shoulder, and submarine belts. Most systems are also available with sternum protector by adding "S" prior to the color suffix. Available in black, blue, and red.

SIM29061RD

SIM29063BL

SIM29064RD

Color	Part No.
62" Individual, Pull-Up, Bolt-In	
Black	SIM29061BK
Blue	SIM29061BL
Red	SIM29061RD
55" Individual, Pull-Down, Bolt-In	
Black	SIM29063BK
Blue	SIM29063BL
Red	SIM29063RD
55" Individual, Pull-Down, Wrap-Around	
Black	SIM29064BK
Red	SIM29064RD
Quarter Midget Individual, Pull-Down, Wrap-Around	
Black	SIM29025BK

Mounting Hardware Accessories

Part No.	Description
SIM31020	Floor Mount Kit (2 Ea.)

Seat Belts

Seat (lap) belts are available separately. Offered in latch-and-link, Latch F/X, and camlock styles. Black only.

Part No.	Description
SIM29004BK	Latch-and-Link, 62" Bolt-In, Pull Up
SIM29024BK	Latch-and-Link, 55" Bolt-In, Pull Down
SIM32004	Camlock, 62" Bolt-In

Shoulder Harnesses

Individual shoulder harnesses are for use with camlock and latch-type restraint systems. Available in black only.

Part No.	Description
SIM30004BK	Latch, Individual, Bolt-In/Wrap-Around
SIM30010BK	Latch, 1-3/4" Hans-Compatible
SIM30011BK	Latch & Link, Hans Dual Harness, Wrap-Around
SIM33010BK	Camlock, Individual, Hans-Compatible

Nomex Harness Pads

SIM23020BK

Pads attach to harnesses or belts in seconds with Velcro and provide extra comfort when cinching belts. Sold in pairs.

Anti-Submarine Belts

Semi-adjustable anti-submarine belts are offered for use with camlock and latch-type systems. Available in black only.

Description	Black
Latch Type, 27", Bolt-In	SIM31012BK
Latch Type, 34-1/2", Pull-Up, Bolt-In	SIM31015BK
CamLock, 27", Bolt-In	SIM34012BK

Dual Anti-Submarine Belt

SIM31014BK

Dual anti-submarine belt works with latch-type restraint systems. Adjustable belt uses a standard bolt-in installation and is 27" long per side. Available in black only.

Arm Restraints

A must for open cockpit race cars, restraints have padded arm bands with steel hardware and allow easy entry and exit. Available in black only.

Description	Black
Individual Straps	SIM36000BK
Y-Straps	SIM36001BK
Jr. Arm Restraints	SIM3600JBK

Helmet Restraints

SIM36007BK

Fatigue-reducing helmet strap has quick attachment and adjustment with durable steel hardware. Install on helmet D-ring. Available in black only.

Padded Neck Supports

Made of high-density foam and covered with durable Nomex III, supports reduce neck fatigue and are recommended for all types of racing. One size fits all with adjustable Velcro fasteners. Available in black, blue, or red.

Color	Part No.
Black	SIM23022BK
Blue	SIM23022BL
Red	SIM23022RD

Disinfecting Multi-Equipment Dryer

SIM97200BK NEW!

Equipment dryer eliminates perspiration and bacteria, while preventing the associated mold and mildew. Built-in Sanitizing Ozone feature cleans and disinfects for 20 minutes, keeping equipment in peak condition. Ideal for use on helmets, gloves, and shoes.

Hybrid S Head and Neck Restraint
SIMHYSMED11PA NEW!

The only SFI- and FIA-approved Frontal Head Restraint that is proven effective for 3-point harnesses, the Hybrid S offers increased protection to high-performance driving instructors, auto testing engineers, and other drivers that utilize a 3-point seat belt. Constructed from high-quality carbon fiber, unit includes sliding tether post anchor option. Medium size only. ***Note: Does not include helmet hardware.***

Hybrid Sport

The Hybrid Sport is lighter and sleeker with defined wings for seat belt containment. Head and neck restraint weighs 20% less than previous models due to advanced carbon/polymer construction. Sliding tethers and patent-pending multi-tether system improves side-to-side movement and field of vision. Meets stringent SFI 38.1 specifications.

Part No	Tether System
X-Small Child 22" - 26" Chest	
SIMHSCHD11SAS*	Quick-Release Tethers and D-Ring Kit
SIMHSCHD11	Quick-Release Tethers and D-Ring Kit
SIMHSXSC11	Quick-Release Tethers and D-Ring Kit
X-Small 32" - 36" Chest	
SIMHSXSM11	Quick-Release Tethers and D-Ring Kit
X-Large Youth 26" - 30" Chest	
SIMHSYTH11SAS*	Quick-Release Tethers and D-Ring Kit
SIMHSYTH11	Quick-Release Tethers and D-Ring Kit
Small 36" - 40" Chest	
SIMHSSML11	Quick Release Tethers and D-Ring Kit
SIMHSSML11PAFIA	Post Clip Tethers and Post Anchors
SIMHSSML11SAS*	Quick-Release Tethers and D-Ring Kit
SIMHSSML11PA	Post Clip Tethers and Post Anchors
SIMHSSML11SAS*	Quick-Release Tethers and D-Ring Kit
Medium 40" - 44" Chest	
SIMHSMED11PAFIA	Post Clip Tethers and Post Anchors
SIMHSMED11	Quick-Release Tethers and D-Ring Kit
SIMHSMED11M61	With Sliding M61 Terminals
SIMHSMED11SAS*	Quick-Release Tethers and D-Ring Kit
Large 44" - 48" Chest	
SIMHSLRG11PAFIA	Post Clip Tethers and Post Anchors
SIMHSLRG11	Quick-Release Tethers and D-Ring Kit
SIMHSLRG11SAS*	Quick-Release Tethers and D-Ring Kit
SIMHSLRG11M61	Quick-Release, Dual, and Tether Kit
X-Large 48" - 52" Chest	
SIMHSXLG11PAFIA	Post Clip Tethers and Post Anchors
SIMHSXLG11	Quick-Release Tethers and D-Ring Kit

**** Comes with seat belt anchor system unless noted***

Hybrid Sport Accessories NEW!

Designed for use with Simpson Hybrid Sport head and neck restraints.

Part No.	Description
SIMHSPA	Hybrid Sport Post Clip Helmet Anchors
SIMM61HAK	M61 Quick-Release Helmet Posts, SFI 38.1/FIA8858-20
SIMM61HAKSAH	M61 Quick-Release Helmet Posts, SAH SFI 38.1/FIA8858-20

Formula Bag *SIM23602*

Large 27"L x 13"W x 17"H Formula bag is big enough to store helmet, head-and-neck restraint, driving suit, shoes, and gloves. Double-padded bag includes a retracting, telescopic handle and in-line wheels to ease transport.

2020 Super Speedway Bag
SIM23603

Extra-large bag utilizes a telescoping handle and in-line wheels to ease travel. Double-padded bag measures 33-1/2"L x 18"W x 16-1/2"H to provide sufficient room for a week at the track.

2020 Suit Tote Bag
SIM23606

Slim, compact carry bag stores a complete driving suit. Emblazoned with the Simpson racing logo.

2020 Pit Pack Bag
SIM23607

Back pack style bag measures 18"L x 13"W x 10"D, with padded shoulder straps and a top handle for eased carrying. Includes a large storage area, 17" laptop pocket, tablet pocket, and glasses compartment.

Road Bag *SIM23608*

Overnight carry bag is 20"L x 11"W x 13"H and includes padded back pack straps, retracting telescopic handle and in-line wheels for eased transport. Capable of storing helmet, head restraint, personal gear, and more.

Competition 2022 Driving Suit NEW!

All-new, lightweight triple-layer suit is manufactured using the latest generation of fabrics, combining a soft lightweight outer fabric with breathable inserts at the sides and underarms, and large stretch panels. One-piece suit features pre-curved, full floating arm sleeves, hidden pockets, boot-cut pant legs, epaulettes, and a lightweight zipper. Offered in white/red, black/gray, or black/red, suit meets SFI 3.2A/5 and FIA 8856-2018 specifications.

Size	Part No.
White/Red	
Medium	SC0001144B52BRNR
Medium/Large	SC0001144B54BRNR
Large	SC0001144B56BRNR
Large/X-Large	SC0001144B58BRNR
X-Large	SC0001144B60BRNR
X-Large/XX-Large	SC0001144B62BRNR
XX-Large	SC0001144B64BRNR
XX-Large/XXX-Large	SC0001144B66BRNR
Black/Grey	
Medium	SC0001144B52NBGR
Medium/Large	SC0001144B54NBGR
Large	SC0001144B56NBGR
Large/X-Large	SC0001144B58NBGR
X-Large	SC0001144B60NBGR
X-Large/XX-Large	SC0001144B62NBGR
XX-Large	SC0001144B64NBGR
XX-Large/XXX-Large	SC0001144B66NBGR
Black/Red	
Medium	SC0001144B52NRRB
Medium/Large	SC0001144B54NRRB
Large	SC0001144B56NRRB
Large/X-Large	SC0001144B58NRRB
X-Large	SC0001144B60NRRB
X-Large/XX-Large	SC0001144B62NRRB
XX-Large	SC0001144B64NRRB
XX-Large/XXX-Large	SC0001144B66NRRB

Jade 3 Driving Suits

Designed to be a high-quality, yet affordable driving suit. The Jade 3 is the only suit currently available in this pricing category with 360° arm gussets that provides increased comfort and mobility. Three-layer suit is sewn from durable FPF fabric and meets stringent SFI 3.2A/5 specifications. Lightweight suit features a tone-on-tone stitching and boot cuffs for added style and comfort. Offered as a one-piece suit, or jacket only in black.

Size	Part No.
One-Piece Driving Suits	
Medium	SC0001059J2MNR
Large	SC0001059J3LNR
X-Large	SC0001059J4XLNR
XX-Large	SC0001059J5XLNR
Jackets	
Medium	SC0001059JJ2MNR
Large	SC0001059JJ3LNR
X-Large	SC0001059JJ4XLNR
XX-Large	SC0001059JJ5XLNR
Pants	
Large	SC0001058JP3LNR
X-Large	SC0001058JP4XLNR
XX-Large	SC0001058JP5XLNR

The Driver One-Piece Driving Suit

Lightweight and economical, the Driver is a single-layer version of the Jade 2 driving suit. Driving suit is sewn from treated FPF cotton for exceptional durability and fire protection. Suit meets stringent SFI 3.2A/1 specifications and is suitable for drivers, pit crew personnel, and officials. Offered in black only.

Size	Part No.
Black	
Small	SC0001051D1SNR
Medium	SC0001051D2MNR
Large	SC0001051D3LNR
X-Large	SC0001051D4XLNR
XX-Large	SC0001051D5XLNR
XXX-Large	SC0001051D6XLNR

Shield RW-9 Underwear

Shield FIA-certified Nomex undergarments are designed to deliver the highest degree of protection, comfort, and breathability. Choose from white or black.

Size	Part No.
Underwear Tops	
White	
Medium/Large	SC0001764MB0ML
Black	
Medium/Large	SC0001764MNRML
Underwear Bottoms	
White	
Medium/Large	SC0001765PB0ML

Head Sock

Head sock is made from seamless, stretchable Nomex for added flexibility and comfort. Meets FIA standards. Choose from white or black. One size fits all.

Part No.	Color
SC0001494B0	White
SC0001494NR	Black

Land 2022 Gloves NEW!

Entry-level competition gloves feature an ergonomic palm design with reinforced stitching that conforms to the hand's position. Suede anti-slip fingertip and palm grips are incorporated to provide improved feel. Meets SFI and FIA specifications. Offered in blue, yellow, black, or red.

Size	Part No.
Blue	
X-Small	SC000136308EB
Small	SC000136309EB
Medium	SC000136310EB
Large	SC000136311EB
X-Large	SC000136312EB
XX-Large	SC000136313EB
Yellow	
X-Small	SC000136308GF
Small	SC000136309GF
Medium	SC000136310GF
Large	SC000136311GF
X-Large	SC000136312GF
XX-Large	SC000136313GF
Black	
X-Small	SC000136308NR
Small	SC000136309NR
Medium	SC000136310NR
Large	SC000136311NR
X-Large	SC000136312NR
XX-Large	SC000136313NR
Red	
X-Small	SC000136308RS
Small	SC000136309RS
Medium	SC000136310RS
Large	SC000136311RS
X-Large	SC000136312RS
XX-Large	SC000136313RS

Arrow 2020 Driving Gloves

Gloves offer an incredible grip and exceptional comfort. Palms are imprinted with HTX, a patented material that increases grip, comfort, and dexterity. "Touch-S" technology allows using lap time apps, phones, etc. without removing gloves. SFI and FIA approved, gloves are offered in white/black, black/white or black/red.

Size	White/Black
White/Black	
Medium	SC000131410BINR
Large	SC000131411BINR
X-Large	SC000131412BINR
Black/White	
Medium	SC000131410NRBI
Large	SC000131411NRBI
Black/Red	
Medium	SC000131410NRRS
Large	SC000131411NRRS
X-Large	SC000131412NRRS

Race 2 Driving Shoes

The Race 2 driving shoe is an evolution of the popular Race shoe with improvements for added comfort and control. A wide toe box and comfort Achilles panel offer eased ankle movement, while the new sole design provides improved pedal feel. Velcro closure provides a custom fit. SFI-approved, the Race 2 is offered in black only.

Size	Part No.
9	SC0001272009N
9-1/2	SC0001272095N
10	SC0001272010N
10-1/2	SC0001272105N
11	SC0001272011N
11-1/2	SC0001272115N

Slalom+ Fabric Driving Shoes

All-new, mid-top driving shoe features a durable suede and fabric upper, which allows it to stretch and breathe. Cushioned inner sole adds comfort, while the slim rubber sole is anti-slip, anti-static, and oil/fuel resistant. Offered in black only. Meets SFI and FIA standards.

Size	Part No.
9-9.5 (Euro 44)	SC000127443NR
10-10.5 (Euro 44)	SC000127444NR
11-11.5 (Euro 45)	SC000127445NR
12 (Euro 46)	SC000127446NR
13 (Euro 47)	SC000127447NR

Skid Driving Shoes

Lightweight driving shoes utilize an ultra-soft leather upper with an offset closure system, eliminating the need for a traditional shoe tongue. The offset design moves the pressure point of traditional laces from the top to the side for increased comfort. The rubber outer sole is specially-textured for improved pedal grip. Offered in black/gray or black, shoes meet SFI and FIA standards.

Size	Part No.
Black/Gray	
10-10.5 (44 Euro)	SC000127544NRGR
11-11.5 (45 Euro)	SC000127545NRGR
Black	
11-11.5 (45 Euro)	SC000127545NRNR

X-Light Driving Shoes

Developed using feedback from professional drivers, the X-Light is constructed from Jaquard, a durable fabric that allows the shoe to stretch and breathe. Mid-boot design includes a calf-skin leather upper with perforated vents, while the pure lightweight rubber sole is anti-static as well as fuel/oil resistant. Meets SFI and FIA specifications. Offered in gray/orange or black.

Size	Part No.
Gray/Orange	
11-11.5 (45 Euro)	SC000128345GRAF
Black	
10-10.5 (44 Euro)	SC000128344NRGR
11-11.5 (45 Euro)	SC000128345NRGR

Pit Stop 2 Shoe NEW!

An SFI-approved shoe that may be used for "over-the-wall" crew use, or for racing where a durable, thicker sole shoe is desired. Shoe combines a suede upper with perforated tongue and heel for superior breathability with leather panels in the toe box and heel for durability. Sole is anti-static as well as fuel/oil resistant. Black only.

Size	Part No.
8	SC00012PS2008NR
8-1/2	SC00012PS2085NR
9	SC00012PS2009NR
9-1/2	SC00012PS2095NR
10	SC00012PS2010NR
10-1/2	SC00012PS2105NR
11	SC00012PS2011NR
11-1/2	SC00012PS2115NR
12	SC00012PS2012NR
13	SC00012PS2013NR
14	SC00012PS2014NR
15	SC00012PS2015NR

Stand 21 Club III FHR

Lightweight and affordable, this effective FHR is constructed from thermoplastic-injected resin reinforced with carbon fiber. Proprietary honeycomb design provides a superior strength-to-weight ratio. Self-neutralizing floating single-tether provides maximum flexibility, while delivering superior driver protection. Meets stringent SFI 38.1 and FIA 8858-2000 specifications. ***Note: If replacing a Hans device that used spring-post anchors, new posts will not be required as they are compatible with the Club III. For all others, purchase of compatible spring posts are required for the Club III.***

Part No.	Size
SCOSHR20LCS3	Large
SCOSHR20MCS3	Medium

Handheld Fire Extinguisher
SCO014773BSS2

Ideal for pit crew or safety personnel, handheld ABC style fire extinguisher features a two-liter capacity. Stainless steel fire bottle is sold complete with mounting bracket.

Tour Bag

Large, rolling duffle bag can store all racing gear including helmet, driving suit, gloves, shoes, head and neck restraint, and undergarments. Bag is 16"H x 33"L x 15"W and includes a telescoping handle, harness straps, and inline wheels to ease transport. Offered in black/red or black/silver.

Part No.	Size
SC0016437NRRS	Black/Red
SC0016437NRSI	Black/Silver

Travel Bag

Specifically sized as a "carry-on" bag for air travel, travel bag is 10"H x 22"L x 14"W. Stylish bag includes multiple internal pockets and a reinforced under compartment. Telescoping handle and inline wheels ease transport. Offered in black/red or black/silver.

Part No.	Size
SC0016438NRRS	Black/Red
SC0016438NRSI	Black/Silver

Trip Bag SCO016439NRSI

The ultimate duffel bag, made from durable, lightweight material, features a large-capacity top-zip compartment that can hold all racing gear. Measures 15"H x 26"L x 14"W, with incorporated shoulder strap and handle to ease carrying. Offered in black/silver only.

Dry-Tech Helmet Bag
SCO016441NRSI

Innovative bag includes a built-in drying system with fan and ventilation holes to keep helmet dry, clean, and fresh. USB-powered fan can be connected to any USB adapter, such as a phone/tablet charger. Bag includes carrying and shoulder straps, and can accommodate helmet with HANS device still attached. Black/silver only.

Stage Backpack

Designed to hold racing gear including a laptop and tablet, backpack measures 15"H x 12"L x 6"W. Features two front and side pockets, an organizer compartment with internal pockets, large main storage compartment, and a padded laptop compartment. Ergonomic padded shoulder straps ease carrying.

Part No.	Color
SC0016440NRAZ	Black/Blue
SC0016440NRNR	Black
SC0016440NRRS	Black/Red

Trackside Tool Roll
SCOSPA918 NEW!

Ideal for track days, Tool Roll includes a fully organized, 68-pc. professional grade BoxoUSA tool set. Easy-to-carry, durable Cordura nylon bag includes two pouches that organize and store all tools, and allows tackling most jobs at the track or in the home garage. Includes (1) dead blow hammer; (3) pliers, 12-pc. metric combination wrench set; (7) 1/4" drive and (12) 3/8" drive metric sockets; 1/4" and 3/8" drive ratchets; 1/4" and 3/8" drive extensions; slotted, Phillips, and valve core screwdrivers; metric hex key sets; (3) wheel impact sockets; 1/2" drive breaker bar; adjustable wrench, and measuring tape.

Sprint Car Tubular Torsion Bars (3/4" Hole) - 30"

Strange Oval uses aircraft-grade chrome vanadium steel which offers superior yield strength, fatigue properties, and impact strength. The high carbon content of this proprietary steels allows for increased hardness and strength while the vanadium alloys have a higher shear modulus and elongation. Bottom-line…..this enables the bar to be stressed to a much higher point (20%-30%) than those made of 4340 steel and also contributes greatly to bar memory and eliminates ride-height changes.

Part No.	Description
Tubular 1-1/8" Torsion Bar	
SOTSEE09753000	30" Long x .975"
SOTSEE10503000	30" Long x .987"
SOTSEE10003000	30" Long x 1.000"
SOTSEE10153000	30" Long x 1.015"
SOTSEE10253000	30" Long x 1.025"

Gun-Drilled Torsion Bars for Micro Sprints NEW!

Manufactured from premium chrome vanadium steel, torsion bars feature a lightweight, gun-drilled design, and are engineered to hold their rate for an extended period of time and offer unparalleled consistency, even when subjected to on-track mishaps. Each bar is laser etched with the part number on the O.D.

Part No.	Description
SOTSEE07002600	26" Long x .700" Dia.
SOTSEE07122600	26" Long x .712" Dia.
SOTSEE07252600	26" Long x .725" Dia.
SOTSEE07372600	26" Long x .737" Dia.

STAGE 8 LOCKING FASTENERS

Locking Header Bolts

Locking header bolts may be used over and over. Also available in stainless steel for limited applications. ***Note: "DHH" signifies double hex head.***

Part No.	Description
GM LS1/LS6	
SGE8900	8mm-1.25 x 22mm 6-pt. DHH, 12 Pcs.
SB Chevy 265-400	
SGE8911	3/8"-16 x 3/4" DHH, 12 Pcs.
SGE8911A	3/8"-16 x 1" DHH, 12 Pcs.
SGE8931	3/8"-16 x 1" 12-pt., 12 Pcs.
SGE8951	3/8"-16 x 1" 6-pt., 12 Pcs., Stainless
SB Ford 260-351	
SGE8913	3/8"-16 x 3/4" DHH, 16 Pcs.
SGE8913A	3/8"-16 x 1" DHH, 16 Pcs.

Andy Chehowski

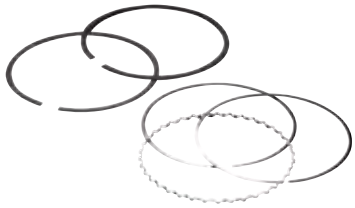
Photo by: Marcus Berglund Photos

File-Fit Plasma Moly Piston Ring Sets by Application

Sets have high-strength ductile iron top rings with Plasma Moly facing for instant seating and superior sealing. Taper face iron second rings deliver excellent oil control, and the stainless steel SS-50 oil ring package is among the industry's best. Sets with low (15-18 lbs.) or light (5-10 lbs.) tension oil rings are for race-only engines and reduce internal friction for increased horsepower and torque. Instructions for recommended file-fitting methods included. Please specify oversize (.005", .025", .035", .045", or .065") when ordering.

Engine	Std. Bore	Top Ring	2nd Ring	Oil Ring	Sizes Available	Part No.
Chevy						
302, 327, 350	4.000"	5/64"	5/64"	3/16"	.005", .025", .035", .045", .065"	SEAR9343
		1/16"	1/16"	3/16"	.025", .035", .045", .065"	SEAR9771
		1/16"	1/16"	3/16"	.035", .045", .065"	SEAR9401*
400	4.125"	5/64"	5/64"	3/16"	.005", .035", .065"	SEAR5879
		1/16"	1/16"	3/16"	.005", .035", .045", .065"	SEAR10248
		1/16"	1/16"	3/16"	.005", .035", .045", .065"	SEAR9346*

**** Includes low-tension oil ring package (15-18 lbs.) for racing only.***



Standard Gap "Drop-In" Plasma Moly Piston Ring Sets by Application

Speed-Pro's standard gap "drop-in" plasma moly piston ring sets may be installed right out-of-the-box without the hassles of file-fitting. Sets include plasma moly-faced, ductile iron top rings, taper-faced iron second rings and standard tension, stainless steel SS-50 oil rings. Please specify size/oversize (Standard, .020", .030", .040", and .060") when ordering.

Engine	Std. Bore	Top Ring	2nd Ring	Oil Ring	Sizes Available	Part No.
Chevy						
302, 327, 350	4.000"	5/64"	5/64"	3/16"	Standard, .030"	SEAR9903
400	4.125"	5/64"	5/64"	3/16"	.030"	SEAR10374

Competition Series Engine Bearings

Bearings offer improved dimensional accuracy, reduced overplate thickness, and higher resistance to fatigue. Please specify sizing (standard, .001", .010", .020", .030", or 1x) when ordering.

Application	Rod Bearings	Main Bearings	Cam Bearings
Small Block Chevy			
283, 327	—	—	SEA1235M*
302, 305, 307, 350	SEA8-7100CH	SEA139M	SEA1235M
400	SEA8-7100CH	SEA140M	SEA1235M

**** Fits 1964-up only.***

Complete Performance Engine Overhaul Gasket Set

Part No.	Description
FEL260-1000	1955-85 SBC 265, 283, 302, 307, 327, 350
FEL260-1000AT*	1959-74 SBC 283, 302, 307, 327, 350
FEL260-1000BT*	1975-79 SBC 305, 350
FEL260-1016	1970-80 SBC 400

**** Gasket set includes 1-pc. oil pan gasket with steel core.***

Camshaft and Lifter Prelube

SEA55-400

Assembly lube is formulated for excellent break-in protection and will quickly dissolve in oil after engine has warmed. 4-oz. bottle.

Andy Chehowski — Photo by: Marcus Berglund Photos

Anthony McCune — Photo by: JohnnyB_Imagery

SuperTrapp's exhaust outlet is actually a series of precise gaps between diffuser discs. As exhaust travels from the center of the diffuser disc toward the outside, it moves into a larger area, creating a pressure drop; exhaust gases are drawn out or scavenged. Adding discs increases the size of the outlet, reducing back pressure, increasing top end power, racing sound level, and leaning out carburetion. By adding or subtracting discs, the power band can be quickly and easily adjusted.

Model 544 Disc Only

SPR544-3503

Disc-only models depend only upon the discs for noise reduction and are ideal for limited space. The 544 models use 5" diffuser discs. Fits 3-1/2" diameter pipe.

5" Diffuser Disc Packs

Add discs to decrease back pressure, increase top-end performance and noise level. Remove discs to lower noise level, with an increase in bottom-end power.

Part No.	Description
SPR504-6506	6-Pack
SPR504-6512	12-Pack

Water Pumps

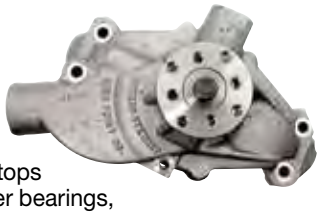
Designed for racing and competition-proven, every Stewart pump is serial numbered, documented, pressure tested, and run-in at 10,000 RPM. We stock Stage 1, 2, 3, and the top-of-the-line Stage 4 pumps.

Stage 1 Water Pumps

Pumps use new original equipment iron castings that are machined and assembled to exacting standards. Pumps appear stock externally and may be used with stock lines and brackets. Unlike stock pumps, the Stage 1 has a precisely machined fan hub for perfect pulley alignment, high-flow impeller, special water/anti-freeze compatible seal assembly, and, on some Stage 1 models, a severe-duty 3/4" ball/roller bearing. The Stage 1 has a full one-year warranty.

Part No.	Description
Small Block Chevrolet	
STE12103	Pre-1969, Short, 5/8" Shaft - (5.625")
STE12203	Pre-1969, Short, Severe-Duty 3/4" Shaft - (5.625")
STE13103	1971-82 Corvette, Severe-Duty 3/4" Shaft - (5.795")
STE13113	1969-86 Long, 5/8" Shaft - (6.932")

Stage 2 Water Pumps



Stage 2 pumps are inexpensive but very effective and include exclusive Stewart features like heat-treated, ribbed 356-T6 aluminum castings, extra-rigid cam stops with exclusive 5/8" or 3/4" ball/roller bearings, maximum-flow, close-tolerance nodular iron impellers, machined fan hubs with dual bolt patterns, and water/anti-freeze compatible seal assemblies.

Part No.	Description
Small Block Chevrolet	
STE22103	Pre-1969, Short, 5/8" Shaft - (5.625")
STE22203	Pre-1969, Short, Severe-Duty 3/4" Shaft - (5.625")
STE23103	1971-82 Corvette, 3/4" Shaft - (5.795")
STE23113	1969-86 Long, 5/8" Shaft - (6.932")

Stage 4 Water Pumps

Stage 4 pump incorporates all-new DRV-8 Series 8-Vane CNC-machined billet 6061-T6 aluminum impellers and flows up to 41% more water at twice the pressure of traditional units, assuring equal flow to left and right cylinder heads while consuming less horsepower. Has all the same features as Stage 3 Pumps, plus a full one-year warranty.

Part No.	Description
Small Block Chevrolet	
STE42200	Pre-1969 Short, 3/4" Shaft, Adjustable - (5.625")
STE42203	Pre-1969 Short, 3/4" Shaft - (5.625")
STE43103	1971-82 Corvette, 3/4" Shaft - (5.795")

Pro Series Water Pump

STE50005

Engineered exclusively for small block Chevy racing applications, the Pro Series water pump utilizes a twin volute housing and replaceable water pump cartridge, which provides a perfectly balanced and unsurpassed flow of coolant to both sides of the block. Super-efficient pump uses only two horsepower, while delivering 50 GPM of flow. Pump is 5.825" high, with a heavy-duty 3/4" shaft, 1/2" billet steel hub, -16AN side outlets, and stock mounting holes.

Sportsman Racing Products

Professional Piston And Ring Kits

Revolutionary piston kits have modern racing pistons with low-friction metric ring sets. Kits include lightweight forged side relief (FSR) pistons, wrist pins with carbon steel wire locks, and JE Pro Seal premium piston ring set, complete with 1.2mm premium steel top rings, 1-1/2mm Napier second rings, and 3.0mm standard tension oil rings. ***Note: Compression ratios are based on the following combustion chambers: SB Chevy: 64cc***

Part No.	Bore Size	Stroke	Rod Length	Dish/Dome Volume	Comp. Height	Comp. Ratio
Small Block Chevy						
High-Compression Domed Pistons						
SRP271058	4.030"	3.750"	6.000"	7cc	1.125"	12.9:1
SRP271059	4.030"	3.480"	6.000"	11cc	1.260"	12.7:1
SRP271066	4.155"	3.750"	6.000"	4cc	1.125"	13.0:1

Performance Forged Pistons

SRP pistons, manufactured by JE, are "making performance affordable". SRP-specific forgings eliminate several phases of the manufacturing process, saving time and cutting costs with high-volume production. All pistons are machined to accept 1/16" top, 1/16" second, and 3/16" oil rings. Sold in sets of eight, with wrist pins and double Spiro Locks. ***Note: Compression ratios are based on the following combustion chambers: SB Chevy: 64cc***

Part No.	Bore Size	Stroke	Rod Length	Dish/Dome Volume	Comp. Height	Comp. Ratio
Small Block Chevy						
High-Compression Domed Pistons						
SRP140678	4.030"	3.480"	6.000"	11cc	1.260"	12.9:1
SRP140348*	4.030"	3.750"	6.000"	7cc	1.125"	12.9:1
SRP140679	4.040"	3.480"	6.000"	11cc	1.260"	13.0:1
SRP140349*	4.040"	3.750"	6.000"	7cc	1.125"	12.9:1
SRP140680	4.060"	3.480"	6.000"	11cc	1.260"	13.0:1
SRP140350*	4.060"	3.750"	6.000"	7cc	1.125"	13.0:1
SRP142024*	4.155"	3.750"	6.000"	4cc	1.125"	12.9:1
SRP142035	4.165"	3.480"	6.000"	9cc	1.260"	13.0:1
SRP142025*	4.165"	3.750"	6.000"	4cc	1.125"	12.9:1
**** Oil rail supports included.***						

Stilo

ST5.1 GT Carbon

The ST5 GT carbon features a fully redesigned shell for optimized size, air flow, visibility, and reduced weight. Constructed from advanced autoclave-molded carbon/Kevlar composite for the ultimate in protection and weight savings. Meets stringent Snell SA2020 and FIA8859-2015 standards, and includes noise-attenuating earmuffs, fully integrated intercom plug, and integrated M6 nuts to provide full head and neck restraint compatibility. Offered in natural carbon fiber finish.

Size	Part No.
Medium (57 cm)	STIAA0700AF1T57
Large (59 cm)	STIAA0700AF1T59
Large (60 cm)	STIAA0700AF1T60
X-Large (61 cm)	STIAA0700AF1T61
XX-Large (63 cm)	STIAA0700AF1T63

ST5.1 GT Composite

Constructed from autoclave-molded Kevlar/fiberglass composite, the ST5.1 GT Composite meets stringent Snell SA2020 and FIA 8859-2015 standards. Includes noise-attenuating earmuffs, fully integrated intercom plug, and M6 nuts to provide head and neck restraint compatibility. Offered in silver or flat black. Choose from helmets with or without integrated Rally electronics, a pre-wired kit designed for intercom use complete with mic and helmet speakers.

Size	Silver	Flat Black
ST5.1 GT Composite		
Small (55 cm)	STIAA0700AF2T55	—
Medium (57 cm)	STIAA0700AF2T57	STIAA0700AF2T570401
Large (59 cm)	STIAA0700AF2T59	STIAA0700AF2T590401
Large (60 cm)	STIAA0700AF2T60	STIAA0700AF2T600401
X-Large (61 cm)	STIAA0700AF2T61	STIAA0700AF2T610401
XX-Large (63 cm)	STIAA0700AF2T63	STIAA0700AF2T630401

Helmet Accessories and Replacement Components

Part No.	Description
STIYA0817	Visor Screw Kit, ST5
STIYA0818	Visor Locking Pin, ST5
STIYA0834	Top Air, Non-Adjust, ST5

Tear-Offs

Tear-offs are laminated, 2 mil thick, and fit all Stilo ST 5 helmets. Sold in three packages of ten pieces (30 tear-offs).

Part No.	Description
ROP10259C	Clear
STI10259S	Smoke

Shield Cleaner *STIYA0640*

Cleans shields effectively without damaging anti-fog and anti-scratch coatings. Sold in 16-oz. aerosol can.

Replacement Visors

High-quality anti-fog visors fit all ST5 helmets.

Part No.	Description
STIYA0800	Clear
STIYA0801	Medium Smoke
STIYA0802	Dark Smoke NEW!
STIYA0804	Dark Mirror
STIYA0805	Blue Iridium
STIYA0806	Dark Iridium Blue NEW!
STIYA0806ABP	Dark Blue Iridium
STIYA08072	Medium Red Iridium
STIYA08082	Dark Red Iridium
STIYA08092	Medium Yellow Iridium
STIYA0813	Amber

Helmet Bag *STIYY0016*

Emblazoned with the Stilo logo, premium-quality helmet bag is big enough for a helmet and head and neck restraint. Bag includes a durable canvas exterior, padded velour interior, and heavy-duty zipper.

Helmet not included

Kevin Thomas Jr. and Kyle Larson

Photo by: JohnnyB_Imagery

Gen2 5-Gallon Race Jugs

New and improved, high-density polyethylene Gen2 5-gallon race jugs feature an ergonomically-improved grip and a deleted vent, eliminating any possibility of leakage. Choose from jug with traditional cap, jug without cap, jug with self-venting filler hose that eliminates the possibility of leakage, or jug with FastFlo lid and vehicle adapter, which allows rapid refueling of race vehicles. Includes cap, unless specified.

Color	Standard Jug/ No Vent	Standard Jug/ No Cap	Self-Venting Jug	FastFlo Jug
Clear	SRJR7500CL	SRJR7500CL-BJ	SRJR7500CLHOSE	SRJR7500CL-FF
Red	SRJR7500RD	SRJR7500RD-BJ	SRJR7500RDHOSE	SRJR7500RD-FF
Blue	SRJR7500BL	SRJR7500BL-BJ	SRJR7500BLHOSE	SRJR7500BL-FF
Purple	SRJR7500PU	SRJR7500PU-BJ	SRJR7500PUHOSE	SRJR7500PU-FF
Pink	SRJR7500PK	SRJR7500PK-BJ	SRJR7500PKHOSE	SRJR7500PK-FF
Black	SRJR7500BK	SRJR7500BK-BJ	SRJR7500BKHOSE	SRJR7500BK-FF
Green	SRJR7500GR	SRJR7500GR-BJ	SRJR7500GRHOSE	SRJR7500GR-FF
Yellow	SRJR7500YL	SRJR7500YL-BJ	SRJR7500YLHOSE	SRJR7500YL-FF
Orange	SRJR75000R	SRJR75000R-BJ	SRJR75000RHOSE	SRJR75000R-FF
White	SRJR7500WH	SRJR7500WH-BJ	SRJR7500WHHOSE	SRJR7500WH-FF

Gen3 5-Gallon Race Jugs

Identical in size and construction to the Gen2 but with the addition of a threaded vent. High-density, polyethylene Gen3 5-gallon race jugs feature an ergonomically-improved grip and a threaded vent, which may be capped, or fitted with the self-venting hose. Choose from jug with traditional cap, jug without cap, jug with self-venting filler hose that eliminates the possibility of leakage, or jug with FastFlo lid with vehicle adapter, which allows rapid refueling of race vehicles. Includes cap, unless specified.

Color	Standard Jug	Standard Jug/ No Cap	Self-Venting Jug	FastFlo Jug
Clear	SRJR7500CL	SRJR7500CL-BJ	SRJR7500CLHOSE	SRJR7500CL-FF
Red	SRJR7500RD	SRJR7500RD-BJ	SRJR7500RDHOSE	SRJR7500RD-FF
Blue	SRJR7500BL	SRJR7500BL-BJ	SRJR7500BLHOSE	SRJR7500BL-FF
Purple	SRJR7500PU	SRJR7500PU-BJ	SRJR7500PUHOSE	SRJR7500PU-FF
Pink	SRJR7500PK	SRJR7500PK-BJ	SRJR7500PKHOSE	SRJR7500PK-FF
Black	SRJR7500BK	SRJR7500BK-BJ	SRJR7500BKHOSE	SRJR7500BK-FF
Green	SRJR7500GR	SRJR7500GR-BJ	SRJR7500GRHOSE	SRJR7500GR-FF
Yellow	SRJR7500YL	SRJR7500YL-BJ	SRJR7500YLHOSE	SRJR7500YL-FF
Orange	SRJR75000R	SRJR75000R-BJ	SRJR75000RHOSE	SRJR75000R-FF
White	SRJR7500WH	SRJR7500WH-BJ	SRJR7500WHHOSE	SRJR7500WH-FF

Utility Jug Accessories and Replacement Components

Part No.	Description
SRJR1100BK	Standard Lid
SRJR1100BK	Replacement Utility Jug Lid
SRJR1110BKSQ	Lid with Hose Adapter
SRJR1200BK	Replacement Jug Vent
SRJR3044	Deluxe Filler Hose
SRJR3044SV	Self-Venting Hose
SRJR4045	Aluminum Hose Valve
SRJR5226	Plastic Filler Hose

Fastflo Lid

Innovative Fastflo lid allows quickly dispensing fuel directly from a 5-gallon utility jug.

Part No.	Description
SRJFF1000	Fastflo Jug Lid with Vehicle Adapter
SRJFF1001	Fastflo Jug Lid
SRJFF1002	Fastflo Vehicle Tank Adapter

D-Shaped Funnel

Large, D-shaped funnel eases transfer of fuel into utility jugs or fuel cells.

Part No.	Description
SRJR6200RD	D-Shaped Funnel, Red
SRJR6201	Stainless Screen for Funnel

3-Gallon Utility Jugs

Heavy-duty 3-gallon utility jugs are constructed from high-density polyethylene, with a tri-ribbed bottom that adds strength and doubles as a multi-grip pouring handle. Offered in clear, red, or blue with standard or FastFlo lid with vehicle adapter, which allows rapid refueling of race vehicles. Sold complete with cap.

SRJR3100BL

Color	Part No.
Standard Jug	
Clear	SRJR3100CL
Red	SRJR3100RD
Blue	SRJR3100BL
FastFlo Jug	
Clear	SRJR3100CL-FF
Red	SRJR3100RD-FF
Blue	SRJR3100BL-FF

Utility Jug Mount

SRJJB6000 **NEW!**

Designed specifically for securing a single Sunoco 3- or 5-gallon utility jug to the floor of trailers, low-profile steel bracket utilizes a special locking tab system to secure jug during transport. Black powder-coated finish.

Wing Valve

Manufactured from forged aluminum, two-way control valve is compact and lightweight. Valve includes integral mounting bosses and is sold complete with fittings.

SWE306-10100

SWE306-10250

Part No.	Description
SWE306-10100	Standard Wing Valve
SWE306-10250	Gen-2 Wing Valve

Wing Cylinders

Specifically designed to endure the rigors of sprint car racing. Rigid, aluminum-bodied hydraulic wing cylinder is fitted with a steel piston and pushrod assembly, while heavy-duty bushings and seals eliminate any possibility of leakage.

Part No.	Description
SWE306-10210	8" Wing Cylinder
SWE306-10200	10" Wing Cylinder
SWE306-10215	12" Wing Cylinder
Complete Rebuild Kit	
SWE316-20010	Rebuild Kit for 10" Cylinder
Cylinder Seal Kit	
SWE331-43040	Seal Kit
Replacement Shafts	
SWE331-44013	8" Shaft
SWE331-44005	10" Shaft
SWE331-44014	12" Shaft
Replacement Fittings	
SWE331-44012	-3AN Male to -3AN O-Ring
Rod End And Cap	
SWE331-44002	Cylinder Cap
SWE331-44007	Wing Valve Handle
SWE331-44004	Cylinder Piston

SWE316-20010

SWE331-44013

SWE331-44007

Reservoir Tank *SWE306-30070*

Plain power steering reservoir tank is specially designed for use with the steering gear.

Power Steering Pump *SWE306-10300*

All-new power steering pump, designed exclusively for sprint car applications, features a fully CNC-machined billet 7075 aluminum housing that is fitted with precision ground, high-grade steel shafts and gears for optimum pressure. Unit is sold complete with necessary fasteners and spacers.

Part No.	Description
Replacement Parts	
SWE321-41043	Shaft
SWE321-81010	Seal Kit for Pump

Aluminum Quick Release Steering Wheel Hub *SWE801-70035*

Aluminum quick-release, splined-shaft steering wheel hub is designed specifically for sprint car chassis fitted with Sweet power steering.

Mini Sprint Rack *SWE033-47114*

4-3/4" with clevis ends.

Steering Aluminum Wheels

Flat-style aluminum steering wheels.

Part No.	Description
Standard - Coated Wheels	
SWE601-70131	13" Flat
SWE601-70151	15" Flat
SWE601-70171	17" Flat
Standard - Uncoated Wheel	
SWE611-70151	15" Flat

SWE601-70131

Titanium Steering Wheel Bolt Kit *SWE801-70150*

Includes (3) lightweight titanium 5/16"-18 bolts to secure the steering wheel to Sweet quick release.

Flat Steering Wheel Pad *SWE601-70100*

Available for flat or dished steering wheels. These pads provide added driver protection.

Power Steering Fluid

Formulated using the highest quality base oils and additives available and then custom blended to withstand extreme racing conditions.

Part No.	Description
SWE301-30177	1-qt. Bottle
SWE301-30176	Case of (12) 1-qt. Bottles

Sprint Car 30" Torsion Bars

Manufactured from aircraft-grade 4340 steel, these bars are heat-treated, centerless-ground, pre-stressed, and powder coated. This pre-stressing process virtually eliminates settling, increases bar strength, and allows for more wheel travel before yielding. These Sprint Car bars also feature quick safety clip ends, which rest inside a groove along the outside of the splines. These clips meet all safety requirements and are rated for 7,000 lbs. of axial load. Sprint Car bars are orientation specific. This means the bars marked LFRR may be used in the left front or right rear and bars marked RFLR may be used in the right front or left rear. Sold each. Made in USA.

Part No.	Description	Length	Rate
SWA300975T-LFRR	Torsion Bar LFRR	30"	975
SWA300975T-RFLR	Torsion Bar RFLR	30"	975
SWA301000T-LFRR	Torsion Bar LFRR	30"	1000
SWA301000T-RFLR	Torsion Bar RFLR	30"	1000
SWA301015T-LFRR	Torsion Bar LFRR	30"	1015
SWA301015T-RFLR	Torsion Bar RFLR	30"	1015
SWA301025T-LFRR	Torsion Bar LFRR	30"	1025
SWA301025T-RFLR	Torsion Bar RFLR	30"	1025
SWA301050T-LFRR	Torsion Bar LFRR	30"	1050
SWA301050T-RFLR	Torsion Bar RFLR	30"	1050

2-1/2" I.D. Coil-Over Barrel Springs

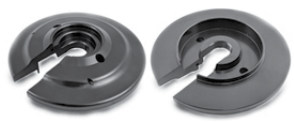
Manufactured from exclusive H5S.TW material, Swift coil-over springs are lightweight with consistent rate. Barrel design eliminates rate inconsistency due to bowing and issues with the spring rubbing against the shock body. Springs have a maximum diameter of 4", measured at the center coil.

Rate	Part No.
12" Tall	
175	SWI120-250-175B
200	SWI120-250-200B
225	SWI120-250-225B
250	SWI120-250-250B
275	SWI120-250-275B
300	SWI120-250-300B
325	SWI120-250-325B
350	SWI120-250-350B
400	SWI120-250-400B
14" Tall	
200	SWI140-250-200BP
225	SWI140-250-225B
250	SWI140-250-250B
275	SWI140-250-275B
300	SWI140-250-300B
325	SWI140-250-325B

Bump Spring Perches NEW!

Designed for use with 2.3" O.D. flat wire bumps.

Part No.	Description
SWISBC-F	Fox Shocks
SWISBC-JS	JRI Shocks
SWISBC-PS	Penske Shocks



Coil-Over Helper Springs

While having a minimal effect on the spring rate of the main coil-over spring, helper springs allow the spring to stay mounted on the coil-over perch when the shock is under negative or zero load. Offered in 2-1/2" or 2-5/8" I.D.

Part No.	Description
SWIH025-127-100	2-1/2" I.D. x 5.00" Tall, 100-lb. Rate NEW!
SWIH025-135-0008	2-1/2" I.D. x 5.30" Tall, 4-lb. Rate NEW!
SWIH025-152-050	2-1/2" I.D. x 5.00" Tall, 50-lb. Rate NEW!
SWIH65-060-015	2-5/8" I.D. x 2.40" Tall, 84-lb. Rate
SWIH65-060-030	2-5/8" I.D. x 2.40" Tall, 168-lb. Rate
SWIH65-070-008	2-5/8" I.D. x 2.40" Tall, 45-lb. Rate

3" & 3-1/2" I.D. Coil-Over Springs NEW!

Popularly used on Asphalt Late Models, Swift 3" and 3-1/2" I.D. coil-over springs are engineered to remain consistent race-after-race. Springs with **"BP"** suffix indicate "Bulletproof" springs suited to applications that are subject to increased spring stress

Rate	3" I.D. x 14" Tall	3" I.D. x 16" Tall	3-1/2" I.D. x 16" Tall
30	SWI140-300-030	—	—
40	SWI140-300-040	—	—
50	SWI140-300-050	—	—
80	SWI140-300-080	—	—
100	—	SWI160-300-100BP	—
125	—	SWI160-300-125BP	SWI160-350-125BP
140	—	—	SWI160-350-140BP
150	—	SWI160-300-150BP	SWI160-350-150BP
160	—	—	SWI160-350-160BP
175	—	—	SWI160-350-175BP

Stack Guide and Stack Guide Adapters

Stack guide and stack guide adapters maintain shock alignment to provide a smooth transition through the stroke and eliminate costly shock damage. Offered to fit a variety of popular shock absorbers with three available stack guide adapters to screw directly onto the shock.

Part No.	Description
Stack Guide	
SWISST-I	Integra
SWISST-P	Penske
Stack Guide Adapters	
SWISP250-F	Flat Style
SWISP250-L	Long Style
SWISP250-S	Short Style

Standard Conventional "Bulletproof" Coil Springs

Similar in quality and construction to standard conventional springs but suited to applications that are subject to increased spring stress.

Rate	11" Tall x 5.0" Dia.	13" Tall x 5.0" Dia.	16" Tall x 5.0" Dia.
100	—	SWI130-500-100BP	—
125	—	SWI130-500-125BP	SWI160-500-125BP
150	—	SWI130-500-150BP	SWI160-500-150BP
175	SWI110-500-175BP	SWI130-500-175BP	SWI160-500-175BP
200	SWI110-500-200BP	SWI130-500-200BP	—
225	—	SWI130-500-225BP	—

Front Conventional Coil Springs

Swift Springs front conventional coil springs are engineered to deliver the optimal spring rate "sweet spot" where the spring is to be used. Offered in 5.0" or 5.5" diameters, all springs are imprinted with the height, diameter, and rate.

Rate	Part No.
6" Tall x 5.0" Dia.	
200	SWI060-500-200
8" Tall x 5.0" Dia.	
400	SWI080-500-400F
425	SWI080-500-425F
450	SWI080-500-450F
475	SWI080-500-475F
500	SWI080-500-500F
550	SWI080-500-550F
9.5" Tall x 5.0" Dia.	
350	SWI950-500-350
375	SWI950-500-375
400	SWI950-500-400
425	SWI950-500-425
450	SWI950-500-450
475	SWI950-500-475
500	SWI950-500-500
525	SWI950-500-525
550	SWI950-500-550
600	SWI950-500-600
650	SWI950-500-650
700	SWI950-500-700

Rate	Part No.
9.5" Tall x 5.5" Dia.	
400	SWI950-550-400
500	SWI950-550-500
550	SWI950-550-550
600	SWI950-550-600
650	SWI950-550-650
900	SWI950-550-900
1000	SWI950-550-1000
1100	SWI950-550-1100
1200	SWI950-550-1200
11" Tall x 5.0" Dia.	
300	SWI110-500-300F
350	SWI110-500-350F
400	SWI110-500-400F
425	SWI110-500-425F
11" Tall x 5.5" Dia.	
400	SWI110-550-400
425	SWI110-550-425

Pro Series Billet Spin-On Oil Filters

Pro Series oil filters are designed to meet the demand of high-end racing engines common to dirt or asphalt late models. Black anodized billet 6061-T6 aluminum filters are 3-3/4" dia. x 5-3/4" long, flow 30 GPM, and deliver effective oiling with little or no restriction. Use with System One remote oil filter mounts and other mounts with 1"-12 threads.

Part No.	Description
SYS209-561BPS	45-Micron Element, Buna N O-Rings
SYS209-571BPS	75-Micron Element, Buna N O-Rings
SYS209-571BPS-1	75-Micron Element, Viton O-Rings

Billet Spin-On Oil Filters

Billet 6061-T6 aluminum spin-on oil filters meet or exceed all OEM manufacturer's specifications and flow up to 30 GPM. Filters include dual O-ring grooves and are black anodized. Available with 45- or 75-micron elements, each filter includes two universal mounting inserts for most Chevy, Ford, or Chrysler applications with 13/16"-16 or 3/4"-16 threads.

Part No.	Description
Short Oil Filter	
SYS209-361B	45-Micron Element, 3-3/4" O.D. x 3-3/4" Long
Long Oil Filters	
SYS209-561B	45-Micron Element, 3-3/4" O.D. x 5-3/4" Long
SYS209-571B	75-Micron Element, 3-3/4" O.D. x 5-3/4" Long
Replacement Components	
SYS205-140-1	Viton O-Ring Kit
SYS208-560	45-Micron Oil Filter Element for SYS209-561B
SYS208-570	75-Micron Oil Filter Element for SYS 209-571-B

Billet In-Line Fuel Filters

High-flow, high-capacity in-line filters use pleated stainless mesh elements of the same design as System 1 filters, but with 30-micron filtration. Ends are machined for -6AN through -12AN fittings.

Part No.	Description
SYS200-201406B	2" Dia. x 4" Length, -6AN Ends
SYS200-201408B	2" Dia. x 4" Length, -8AN Ends
SYS202-202408B	2" Dia. x 9" Length, -8AN Ends
SYS202-202410B	2" Dia. x 9" Length, -10AN Ends
SYS202-202412B	2" Dia. x 9" Length, -12AN Ends

Big Block Chevy Adjustable Pressure Oil Pumps

SYS234-900773-2

Cast oil pumps are adjustable from 75-125 PSI. Pumps are factory pre-set at 80 PSI and include unique oil bypass anti-aeration diffusion screen for maximum efficiency. Pumps accept stock big block Chevy pickups.

Billet Remote Oil Filter Mounts

Billet aluminum remote oil filter mounts are red anodized for a professional appearance. Sold complete with required fittings.

Part No.	Description
2-Bolt Oil Filter Mounts	
SYS221-90004-10B	-10AN Fittings
SYS221-90004-12B	-12AN Fittings
SYS222-90007-12B	Side Port, LH Inlet, -12AN Fittings
SYS223-90008-12B	Side Port, RH Inlet, -12AN Fittings

Short HP-6 Style Billet Spin-On Oil Filter

SYS210-005

Short HP-6 style billet aluminum spin-on oil filter is 4-1/4" O.D. x 5-1/4" long, great for use in tight spaces. Black anodized filter includes 1-1/2"-12 threads and comes with a 45-micron element.

Carburetor Stud Kits

Includes four each: studs, nuts, and washers.

Part No.	Description
TRA2046	1-3/8" Long x 5/16" Coarse/Fine Thread
TRA2047	2" Long x 5/16" Coarse/Fine Thread
TRA2106	3" Long x 5/16" Coarse/Fine Thread

Holley Carburetor Mount Throttle Return Kit

TRA2083

Spring kit with chrome bracket mounts to all Holley 2300/2305 and 4150/4160 series carburetors. Includes heavy and light springs.

Remote Oil Filter Brackets

Cast aluminum remote oil filter brackets have 1/2" NPT inlets and outlets.

Part No.	Description
Single Remote Brackets	
TRA1028	Vertical Inlet and Outlet, 3/4"-16 Nipple Accepts Fram PH8A Ford Filters
TRA1045	Horizontal Inlet and Outlet, 3/4"-16 Nipple Accepts Fram PH8A Ford Filters

Oil Filter Relocation Kits

TRA3300 Hamburger's Performance Products

CNC-machined from billet 6061-T6 aluminum, single remote filter units provide cleaner oil, add capacity, and increase flow with large -12AN ports. Use with Fram PH8A or equivalent oil filter.

Spin-On Oil Filter Bypass Adapters

Adapters spin on in place of the stock oil filter. Inlets and outlets are threaded 1/2" NPT. Use bypass adapters for plumbing remote filters.

Part No.	Description
Ford V8, Chrysler V8	
TRA1013	3/4"-16 Threads, 2-1/2" I.D. and 2-3/4" O.D. O-Ring
SB And BB Chevy	
TRA1022	13/16"-16 Threads, 3-3/16" I.D. and 3-7/16" O.D. O-Ring

Billet Oil Filter Bypass Adapters *TRA3321* Hamburger's Performance Products

Aluminum spin-on adapters have large -12AN ports for superior oil flow. Hose and fittings not included.

Description
Chevy V8, 13/16"-16 Threads, 3-3/16" I.D. and 3-7/16" O.D. O-Ring

T&D MACHINE PRODUCTS

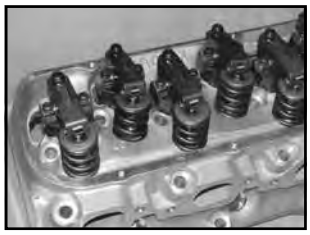
COMPETITION ROCKER ARMS

SportComp Shaft Roller Rockers

High-quality, affordable rocker sets reduce valve train weight and valve lash adjustments while increasing RPM potential. System eliminates stud girdles and provides better head bolt accessibility. Sets of 16 include all installation hardware.

Part No.	Description
SB Chevy	
TDM10000-150/150	1.5/1.5 Rocker Ratio
TDM10000-160/150	1.6/1.5 Rocker Ratio
TDM10000-160/160	1.6/1.6 Rocker Ratio
TDM10001-150/150	.220" Offset, 1.5/1.5 Rocker Ratio
TDM10001-160/150	.220" Offset, 1.6/1.5 Rocker Ratio
TDM10001-160/160	.220" Offset, 1.6/1.6 Rocker Ratio
SB Ford	
TDM10020-160/160	1.6/1.6 Rocker Ratio

Shaft Roller Rocker Arm Systems



Extruded 2024 aluminum rocker arms are CNC-machined, with intricate oil galleries to direct oil from the pushrod to the shaft bearings and onto the roller tip. Adjuster screws are 7/16" and broached for a 3/16" socket to eliminate twisted Allen wrenches. Deep case-hardened 8620 steel shafts are tempered for strength.

Part No.	Application	Ratio	Length	Int. Offset	Exh. Offset
TDM2144-160/150	Dart Sportsman II Aluminum/Pro 1	1.6/1.5	1.450"	.250"	.170"
TDM2144-160/160	Dart Sportsman II Aluminum/Pro 1	1.6/1.6	1.450"	.250"	.170"
TDM2150-160/150	Dart Iron Eagle	1.6/1.5	1.450"	.170"	.170"
TDM2217-160/150	Brodix ASCS	1.6/1.5	1.450"	.375"	.080"
TDM2251-160/150	Brodix Track 1 Spec.	1.6/1.5	1.450"	.250"	.080"
TDM2251-160/160	Brodix Track 1 Spec.	1.6/1.6	1.450"	.250"	.080"
TDM2251-165/155	Brodix Track 1 Spec.	1.65/1.55	1.450"	.250"	.080"
TDM2251-165/160	Brodix Track 1 Spec.	1.65/1.6	1.450"	.250"	.080"
TDM2301-150/150	AFR 227/235	1.5/1.5	1.450"	.375"	.080"
TDM2301-160/150	AFR 227/235	1.6/1.5	1.450"	.375"	.080"
TDM2301-160/160	AFR 227/235	1.6/1.6	1.450"	.375"	.080"

Deluxe Pinion Depth Checker

TDM11001

Set up rear ends quickly and correctly. Fixture sits in place of differential carrier to easily check pinion depth. Includes adapters for most popular domestic rear ends.

TDM03150

TDM03210

Part No.	Description
Replacement Parts	
TDM03150	Rocker Arm Adjuster, 7/16"-20 x 1.130" with Shoulder, 5/16" Dia. Cup
TDM03210	Rocker Arm Jam Nut, 12 Pt., 7/16"-20 Thread
TDM03250	Jam Nut, 12 pt., 3/8"-24 Thread
TDM05051	Hold Down Stud, 5/16"-18/24 x 1.890" with Starter
TDM05120	Hold-Down Nut, 12 Pt, 5/16"
TDM05220	Rocker Arm Stand Bolt 7/16"-14 x 1-1/4", 12-Pt. 7/16" Flange Head Bolt
TDM05350	SB Chevy Stand Shim, .060", Thick
TDM05360	SB Chevy Stand Shim, .030", Thick
TDM05400	SB Chevy Stand Shim Kit, (8) .030" and (8) .060", Thicknesses

TANNER Racing Products By MB MITTLER BROS. MACHINE & TOOL

Glow-in-the-Dark Tire Gauges

Great for use in dark pit areas, 2-1/2" diameter gauges include swivel-ended flexible hoses, air-release buttons, and shockproof bumpers.

Part No.	Description
TAN20315	0-15 PSI Tire Gauge
TAN20330	0-30 PSI Tire Gauge
TAN20360	0-60 PSI Tire Gauge

Tachometer Bracket

TAN75025

Billet aluminum brackets clamp directly to 7/8" O.D. tubing and accept popular Mychron tachometers.

Plumb Bob Kit *TAN56300*

The inexpensive, effective method of squaring a race car. Kit includes two bobs and 16' of string.

QUARTER MIDGET ACCESSORIES

Tach Mounting Brackets

Billet aluminum brackets clamp directly to 5/8" or 3/4" O.D. tubing and accept popular Mychron tachometers.

Part No.	Description
TAN75023	5/8" Mychron Bracket
TAN75024	3/4" Mychron Bracket

Honda Exhaust Clamp *TAN75021*

Manufactured from CNC-machined billet aluminum, clamp secures directly to nerf bar.

Hot Springs Coil-Over Springs

Coil-over springs are CNC-wound with optimum pitch and include precision-ground closed ends. Each rate has a calibrated wire diameter. Springs are engineered to deliver the optimized stress level, resulting in quick, consistent response and faster lap times.

Rate	5-1/2" Tall
90	TAN752-90
120	TAN752-120
125	TAN752-125

TEL TAC

Digital Readout Telltale Tachs

The TEL TAC II has LCD digital readout and “telltale” memory. Compatible with most engines and ignitions, including magnetos and battery-powered systems, the tach turns on automatically when the engine is started. Reads RPM in hundreds, from 500 RPM to over 12,000 RPM on V8 engines, and to 15,000 RPM on smaller engines. After engine is shut off, the highest RPM attained is shown for 30 minutes. Oval Track Pro digital tachometer displays the highest overall RPM, the four lowest RPM and the four highest RPM from two laps. Compact, 3-1/8" x 3-1/8" units are powered by a 9-volt alkaline battery which will last for hundreds of hours. Will not work with odd-fire V6, V4 with Vertex internal coil magneto, or 4-cylinder with EFI.

Part No.	Description
TELTACH	TEL TAC II Digital Tachometer
TELOTP	Oval Track Pro Digital Tachometer
TEL1001	Harness, Needed for Multi-Car Use or as Replacement

TELTACH

TEL1001

TELOTP

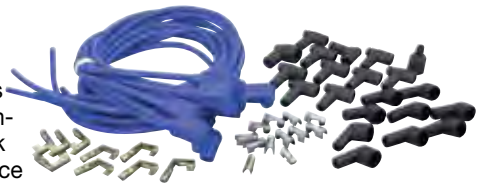
Matt Westfall

Photo by: DenHamer Photos

TAYLOR

CABLE PRODUCTS

8mm Pro Universal Wire Sets

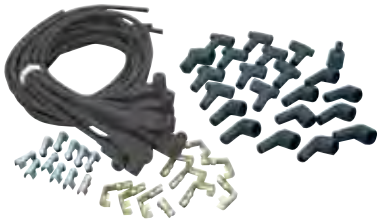


Pro Universal wire sets feature 100% pure silicone insulation in a reinforced fiberglass jacket, wrapped around a resistor core with 40% less resistance than most resistor conductors for superior spark. Double-spring locking terminals provide a firm grip on spark plugs. Uses TCW (Tinned Copper Weld) wire core for applications where RFI interference is not a concern. ***Note: TCW wire sets are NOT designed for use with HEI or MSD ignition systems.***

		TCW Wire Conductor			Resistor Core		
Description	Cyl.	Black	Red	Blue	Black	Red	Blue
90° Plug Boots	8	TAY70050	TAY70250	TAY70650	TAY70051	TAY70251	TAY70651
135° Plug Boots	8	TAY70052	—	TAY70652	TAY70053	TAY70253	TAY70653
180° Plug Boots	8	TAY70054	TAY70254	—	TAY70055	TAY70255	—
Vertex Style 90° Plug Boots*	8	—	—	TAY70660	—	—	—

**** Vertex style sets have extra-long leads for use with OAC/OXC magnetos.***

8mm Spiro-Pro Universal Wire Sets



Spiro Core wire sets feature 100% pure silicone inner and outer jackets for heat resistance to 600°F, and low-profile silicone boots around double-spring locking terminals. Spiral wound core suppresses EMI and RFI while providing 10x less spark resistance than standard wire, making them ideal for use around electronic ignitions, on-board computers, and pit radios.

Description	Cyl.	Black	Red	Blue
90° Boots	8	TAY73051	TAY73251	TAY73651
135° Boots	8	TAY73053	TAY73253	TAY73653
180° Boots	8	TAY73055	TAY73255	TAY73655

8mm Spiro-Pro Custom Race-Fit Wire Sets

Available with TCW cores for applications where RFI is not an issue, or with Spiro-Pro cores for EMI/RFI-sensitive applications. Sets feature 100% pure silicone inner and outer jackets for heat resistance to 600°F, and low-profile silicone boots around double-spring locking terminals. ***Note: TCW wire sets are NOT designed for use with HEI or MSD ignition systems.***

			TCW Wire Core	Spiro-Pro Wire		
Application	Distributor Type	Plug Boot	Red	Black	Red	Blue
SB Chevy, Over Valve Cover	Socket	90°	—	TAY76027	—	—
SB Chevy, Over Valve Cover	HEI	90°	—	TAY76028	TAY76228	TAY76628
SB Chevy, Under Headers	Socket	90°	—	TAY76029	TAY76229	—
SB Chevy, Under Headers	HEI	90°	TAY76240	TAY76030	TAY76230	TAY76630

Thundervolt 8.2mm Universal Wire Sets

Wires feature a spiral-wound copper/nickel alloy core that offers only 50 Ohms per foot of resistance, wrapped in a two-layer 100% silicone outer jacket with a heat-treated fiberglass braid.

Description	Cyl.	Black	Red	Blue
90° Plug Boots	8	TAY83051	TAY83251	TAY83651
135° Plug Boots	8	TAY83053	TAY83253	TAY83653
180° Plug Boots	8	TAY83055	—	TAY83655

"409" Pro Race Universal Wire

A Spiro-Pro wound conductor is wrapped in three layers of 100% silicone for superior heat protection up to 600°F. Outer diameter of .409" (10.2mm), with outer layer of sleeving extruded directly over 8mm wire.

		Spiro-Wound Conductor		
Description	Cyl.	Red	Blue	Black
90° Plug Boots	8	TAY79251	TAY79651	TAY79051
135° Plug Boots	8	TAY79253	TAY79653	TAY79053
180° Plug Boots	8	TAY79255	TAY79655	TAY79055

TAYLOR CABLE PRODUCTS

Clamp Style Wire Separators

Separates, organizes and supports ignition wires for a neat, organized job. Molded from non-conductive type 6/6 nylon, separators will not melt, distort, crack, or fade. Available to fit 7-8mm and “409” 10.4mm wire sizes. Choice of three colors. Each kit contains two 4-wire separators, two 3-wire separators, and two 2-wire separators.

Color	Part No.
7-8mm	
Black	TAY42700
Red	TAY42720
Blue	TAY42760
10.4mm	
Black	TAY42709
Red	TAY42729
Blue	TAY42769

Toggle Switch *TAY1018*

Heavy-duty die-cast switch is rated at 50 amps. Fits 1/2" hole.

“Waterproof” Sealed Toggle Switch *TAY1026*

Ideal for dirt circle track, switch has internal O-rings and a plasticized body to protect against dirt and moisture.

Spark Plug Boot Protectors

Universal fit protectors are 6 inches long and withstand temperatures up to 1200°F.

Description	Part No.
Silver	
1 Per Pkg.	TAY2523
8 Per Pkg.	TAY2524

Multi-Purpose Tool *TAY43390*

Multi-purpose tool will cut, strip, and crimp all popular primary wire. Made of high-carbon steel, it will crimp both 7mm and 8mm spark plug wire ends. The plastic hand grips are non-conductive/non-slip and the tool is finished in rust-resistant black.

Professional Crimp Tool

Tool uses a positive ratcheting system to produce factory-quality crimps on spark plug wire terminals. Crimp dies may be purchased separately and used to cut and crimp traditional wire terminals, removing just the right amount of wire insulation without damaging the wire conductor.

Part No.	Description
TAY43400	Professional Crimp Tool
TAY43401	Crimp Die, for 10-22 Gauge Insulated Terminals

Push Button Starter Switch *TAY1016*

Switch has a 60-amp rating with silver-plated contacts and a neoprene cap to seal out dirt and moisture.

TERA PUMP

Battery-Powered Liquid Transfer Pump with Flow Control *TER20082*

Powered by (2) D-cell batteries. Pump simply inserts into virtually any liquid container and has the ability to transfer liquids at up to 2-1/2 gallons per minute. Flow control lever allows adjusting the flow of liquid to the desired rate. Pump has a total length of just over 26" and weighs only 11.9 ounces.

Battery-Powered Fuel Transfer Pump *TER20000*

Battery-powered fuel transfer pump attaches directly to most popular utility jugs and allows the transfer of fuel directly into tanks or cells. Powered by (4) AA batteries, pump displaces three gallons per minute and includes an auto-stop sensor to prevent over-filling. Sold complete with (3) fuel can adapters.

Battery-Powered Racing Fuel Transfer Pump *TER20066*

Fuel transfer pump allows for quick filling of fuel cells. Attaches directly to most popular utility jugs with included cap adapter, and displaces three gallons per minute of gas, diesel, or water. Auto-Stop sensor prevents spillage. Powered by (4) AA batteries, pump is sold complete with (1) racing jug adapter and (3) fuel can adapters.

Telescopic Electric Drum Pump *TER20079*

110-volt powered suction pump features a telescopic suction pipe and full control nozzle to allow easy dispensing of liquids at up to 4.2 gallons per minute. Unit extends into drums from 32-1/2" to 44" and has a 6-1/2' outtake hose.

Battery-Powered Liquid Transfer Pump *TER20039*

Battery-powered pump has the ability to transfer gas, diesel or water at up to 2.4 gallons per minute, eliminating the heavy lifting or spillage typically associated with fuel transfer. Powered by (2) AA batteries, unit has a 21" total length.

Hi-Heat Coating

Specially formulated coating protects and colors header wrap. Prevents damage from fluids and flying debris. Withstands heat up to 2000°F. Works great on other high-temperature applications also.

Part No.	Color
THE12001	Black
THE12002	Aluminum
THE12003	Copper

Ground Shipment Only

Heat Sleeve

Silicone-coated fiberglass fire sleeving protects wires, cables, and hoses from high temperatures and occasional exposure to flame. Capable of continuous protection to 500°F and short term exposure up to 2,200°F. Offered in silver or black. Sold in 3' and 10' lengths.

Description	3' Length	10' Length
1/2" Dia., Black	THE18050	THE18050-10
1/2" Dia., Silver	THE18051	THE18051-10
3/4" Dia., Black	THE18075	THE18075-10
3/4" Dia., Silver	THE18076	THE18076-10
1" Dia., Black	THE18100	THE18100-10
1" Dia., Silver	THE18101	—

Cool-It Plug Wire Sleeves

Double-wall construction sleeves withstand conductive heat up to 750° F, while offering enhanced performance, reduced misfires and extended spark plug wire life. Universal fit sleeves fit most plug boots and are easy to install.

Part No.	Description
THE14260	Natural, 4-Pack
THE14262	Black, 4-Pack

Cool-It Insulating Mat

Resin-bonded silica insulation, sandwiched between Mylar and foil, keeps heat and noise in cockpit to a minimum. Installs quickly; fasteners are included. Choice of two sizes.

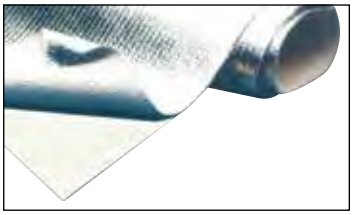
Part No.	Description
THE14100	24" x 48"
THE14110	48" x 48"

Thermo-Sleeve

Thermo-Sleeve protects pipes, hoses and wires from radiant heat up to 2,000°F. Sold in 3-ft. and 12-ft. rolls.

Sizes	3' Length	12' Length
1/4" to 1/2"	THE14005	THE14006
5/8" to 1"	THE14010	THE14011
1-1/8" to 1-1/2"	THE14015	THE14016
1-5/8" to 2"	THE14020	—
2-1/8" to 2-1/2"	THE14025	—

Aluminized Heat Barrier



Reflective, high-temperature barrier withstands radiant heat up to 2,000°F to prevent heat transfer through floorboards. Offered in three sizes: 12" x 12", 12" x 24", and 36" x 40". The two smaller sizes have an adhesive backing for quick installation. Large barrier is secured with rivets and backup washers or heavy-duty spray adhesive.

Part No.	Description
THE13500	12" x 12"
THE13575	12" x 24"
THE13585	24" x 36"
THE13590	24" x 48"
THE14001	36" x 40"
THE12005	Heavy-Duty Spray Adhesive,16-oz. Aerosol Can

Racing Batteries

TPBTP1200

TPBTP1500

Up to 20% lighter than traditional lightweight batteries, Total Power Racing Batteries are not only lightweight, but also feature exceptionally low resistance for improved starting power and faster recharging time. Batteries feature AGM construction for superior shock and vibration resistance, while utilizing a non-spillable, maintenance-free design. Handmade in ISO 9001:2000 certified facilities, each battery is fully charged and tested prior to shipment.

Part No.	Cranking Amps	CCA	Amp Hrs. @ C/20 Rate	Weight	Dimensions
12-Volt AGM Battery					
TPBTP1200	1200	700	36	24 lbs.	7.75"L x 5.25"W x 6.875"H
TPBTP1500	1500	800	57	31 lbs.	9.875"L x 5.25"W x 6.875"H

Ti22 PERFORMANCE
THE WINNING ELEMENT IN RACING.

Pro Birdcages

Ti22's Pro Birdcages are machined from 7075-T6 aluminum with a 28mm double-row angular contact bearing. The line features standard right and left cages, as well as the new Adjustable Birdcage. The adjustable feature allows for adjustment of the Jacob's Ladder pick-up point to meet changing track conditions, giving racers a competitive edge.

TIP2022

TIP2024

Part No.	Description
TIP2022	Left Side
TIP2024	Right Side

Double Wide Birdcages

Made from 7075-T5 aluminum, Ti22's Double Birdcages are among the most innovative cages on the market today. The cages were ultimately created to eliminate bind in the birdcage bearings. Bearing bind, created by twist in the birdcage, absorbs all-important horsepower that could be applied to the rear wheels. By distributing the weight between the two bearings, excess bind is eliminated, allowing for a more efficient transfer of horsepower to the rear wheels. The cages require the standard offset rear torsion arm offered by Ti22 as well as a custom rear axle. The rear axles are available from Winters, DMI, and Frankland.

TIP2032

TIP2034

TIP2885

Part No.	Description
TIP2032	Left Side
TIP2034	Right Side
Related Components	
TIP2885	LW Rear Axle

USING THE ADJUSTABLE FEATURE

FOR A TRACK THAT IS TACKY OR HAS A LOT OF GRIP:

Move the Tune-n-Loc adjuster up on the birdcage to create less chassis roll, therefore letting the car roll the corner better.

FOR A TRACK THAT LACKS GRIP:

Move the Tune-n-Loc adjuster down on the birdcage to promote more chassis roll creating more sidebite.

Replacement Birdcage Components

Identify the part you need and match it with the corresponding part number and description to order. The right column denotes what parts work with each birdcage.

PRO

Double Wide

7 - Adjustable Block Set
TIP2115

3 - Lower Pickup Block
TIP2107

1 - Upper Pickup Cone
TIP2100

ID	Part No.	Description	Pro	Double Wide
1	TIP2100	Upper Pickup Cone	•	
2	TIP2106	Upper Pickup Cone Bolt	•	
3	TIP2102	Lower Pickup Block	•	
4	TIP2103	Lower Pickup Shoulder Bolt	•	
5	TIP2104	Lower Pickup Screw	•	
6	TIP2105	Lower Pickup Bolt	•	
7	TIP2115	Adjuster Block Set	***Adjustable Cages Only***	
8	TIP2116	Adjuster Plate Screw	***Adjustable Cages Only***	
9	TIP2117	Adjuster Plate Lock Nut	***Adjustable Cages Only***	
10	TIP2110	Standard Cage Bearings	•	
11	TIP2114	DBL Lower Shoulder Bolt	•	
12	TIP2128	DBL Lower Shoulder Bolt Nut		•
13	TIP2112	DBL Upper Pickup Bolt		•
14	TIP2120	DBL Cage Bearing		•
15	TIP2118	Spiral Locking Ring	•	•

Tune-n-Loc Adjuster Move the ladder position in 1/8" increments to raise or lower the roll center quickly and precisely.

Built-In Convenience The built-in level allows you to adjust the birdcage in seconds.

Custom Machined Hardware is custom machined for radius rod and torsion arm pickups.

RECOMMENDED INCREMENTAL ADJUSTMENTS

UP	1/2"	Rough or Heavy Surface
	3/8"	
	1/4"	Tacky Surface
	1/8"	
	0	Baseline Starting Point
DOWN	1/8"	
	1/4"	Dry Surface
	3/8"	
	1/2"	Very Slick Surface

Standard Birdcages

These black anodized billet aluminum birdcages are complete with angular contact bearing, torsion arm bolt, and radius rod bolt. 5-1/4" split between radius rod and torsion arm. Left and right sold individually.

Part No.	Description
TIP2026	Left Side, 5-1/4" Center-to-Center
TIP2028	Right Side, 5-1/4" Center-to-Center

Non-Wing Birdcages

These black anodized billet aluminum birdcages are complete with angular contact bearing, torsion arm bolt, and radius rod bolt. 5-1/4" split between radius rod and torsion arm. Left and right sold individually. Commonly used on non-winged sprint cars.

Part No.	Description
TIP2042	Left Side, 5-1/4" Center-to-Center
TIP2044	Right Side, 5-1/4" Center-to-Center

Replacement Birdcage Components for Standard And Non-Wing Cages

TIP2029

TIP2030

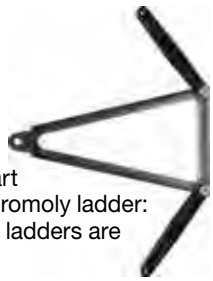
TIP2031

TIP2110

TIP2118

Part No.	Description
TIP2030	Bottom Flag
TIP2031	Top Stand-Off
TIP2110	Bearing
TIP2118	Spiral Lock Ring
TIP2029	Brake Mount
TIP2107	Grease Zerk

Standard Jacob's Ladder



The titanium option significantly reduces part weight by almost 1/2 lb. over the standard chromoly ladder: Titanium = 11.2 oz., Chromoly = 1 lb. 3 oz. All ladders are offered with titanium hardware.

Size	Chromoly	Titanium
13-1/4"	TIP2430	TIP2431
13-5/8"	TIP2433	TIP2434
14"	TIP2436	TIP2437

Adjustable Jacob's Ladder

Ti22's adjustable Jacob's Ladder has (3) pickup points at 5/8" increments. This provides the ability to make adjustments according to varying track conditions. Move the ladder up (bottom hole) for heavy or rough tracks to let the chassis roll the corners better. Move the ladder down (top hole) on dry, slick tracks to create more sidebite. All ladders are offered with titanium hardware.

Size	Chromoly	Titanium
13-1/4"	TIP2443	TIP2444
13-5/8"	TIP2446	TIP2447
14"	TIP2448	TIP2449

Quick Pin Ladder Kits

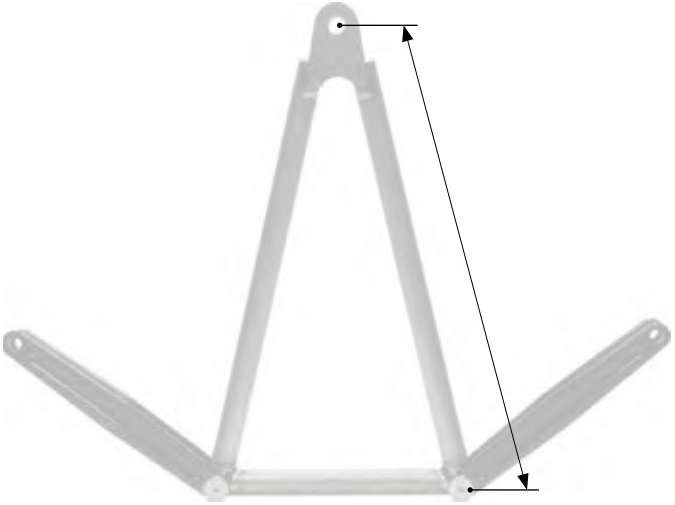
TIP1570

Change your Jacob's Ladder quickly with our quick pin ladder kits. Kits include a 3-3/4" long chassis pin for chassis that have the top and bottom ladder tabs instead of a spud.

COMPLETE KIT CONTAINS
(2) 3/8" x 3-3/4" (from bottom of head) Jacob's Ladder pins (titanium or steel) with clips
1/2" Pin (titanium or steel) and rue clip with easy-to-remove handle for the Jacob's Ladder to birdcage
(2) Nylatron spacers for Jacob's Ladder straps

Part No.	Description
TIP1070	Titanium Kit
TIP1075	Aluminum Jacobs Ladder Spacer, 1" Wide, 3/8" I.D.
TIP1076	Nylatron Arm Spacers, Sold in Pairs
TIP1570	Steel Kit
TIP1077	Jacobs Ladder Pin Clip Kit (4)

TECH TIP



All Ti22 ladders are measured from the center pick-up down the leg to the bolt.

REAR SUSPENSION

Carbon Fiber Jacob's Ladder Cover
TIP2425

The newest way to protect your rear axle and center section from debris. Features a 1/2" hole to connect to Jacob's Ladder with your existing 1/2" bolt or pin. Back secures with straps and bolts. Simple, lightweight, and strong cover protects against debris and keeps keeps expensive rear ends looking new.

Jacob's Ladder Straps & Bolts
TIP2421

CNC-machined from 2024 aluminum, the 7" long Ti22 ladder straps are strong and lightweight. Straps sold individually.

Titanium Allen-Head Ladder Strap Bolt Kit 1-3/4" *TIP2427*

Low-profile Allen-head kit includes two super-strong, lightweight Allen-head titanium bolts with 6-point steel jet nuts. Allen Head bolt won't scratch up the rear axle like hex-head bolts can. This 1-3/4" long ladder strap bolt is the standard bolt for Maxim/Eagle/J&J ladders.

FRONT END

Adjustable Steering Arms with Steering Dampener Mount

The Adjustable Steering Arms are CNC-machined from 2024 aluminum. Combo arms have a 5/16" threaded hole for mounting the steering damper (below).

Part No.	Style	Finish
TIP3011	Right	Aluminum
TIP3010	Right	Black
TIP3021	Combo Left	Aluminum
TIP3020	Combo Left	Black

Steering Damper *TIP3265*

The sprint car steering damper is designed to keep the front tires stable. Momentum is the key to speed and the front tires lead the way. Unnecessary steering wheel corrections not only disrupt the race car, they cause driver fatigue. Time trials can be extremely important and every hundredth of a second counts. This damper is light, adjustable, and installs in less than 2 minutes.

Part No.	Description
Related Components	
TIP3010	RH Steering Arm, Black
TIP3011	RH Steering Arm, Plain
TIP3020	LH Combo Steering Arm, Black
TIP3021	LH Combo Steering Arm, Plain
TIP3250	Steering Stabilizer Clamp 2-1/2"
TIP3251	Steering Stabilizer Clamp 2-3/8"
TIP3252	Steering Stabilizer Clamp 2-1/4"

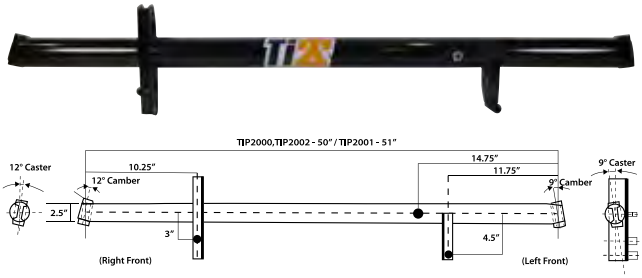
Standard Front Steering Arms

Ti22 Front Steering Arms are built with 2024 aluminum for strength and durability. 3" mount, 1" offset with a 5-3/4" split. Black or Plain.

Part No.	Style	Finish
TIP3024	Combo Left	Black
TIP3025	Combo Left	Plain
TIP3012	Right	Black
TIP3013	Right	Plain

Standard 50" & 51" Front Axles

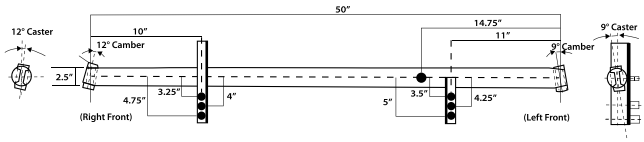
Ti22's standard 50" front axles are made from 2-1/2" O.D. chromoly tubing. Camber is set at 12° RF and 9° LF. The laser-cut brackets and components are expertly welded for optimal strength, with a black powder-coated or chrome finish for durability.



Part No.	Finish	Length
TIP2000	Black	50"
TIP2002	Chrome	50"
TIP2001*	Black	51"
Adjustable Shock Towers		
TIP2003	Black	50"

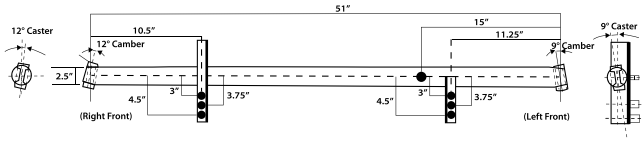
**** 51" axle is +1" on the right side.***

Outlaw Adjustable 50" Front Axle
TIP2010



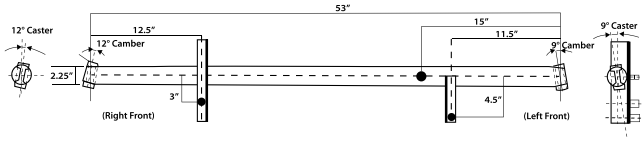
Front axle assembly is 50" wide x 2-1/2" O.D., with 9° and 12° front spindles and adjustable shock towers. Natural chromoly.

Outlaw Adjustable 51" Front Axle
TIP2011



Front axle assembly is 51" wide x 2-1/2" O.D., with 9* of caster and camber on the left front and 12* of caster and camber on the right front.adjustable shock towers. Natural chromoly.

Non-Wing 53" Front Axle *TIP2004*



Front Axle Assembly is 53" wide x 2-1/4" O.D., with 9* of caster and camber on the left front and 12* of caster and camber on the right front. Natural chromoly.

Aluminum Front Hub Kits

These black anodized direct-mount front hubs are forged from weight-saving 2024-T3 aluminum and CNC-machined to precise tolerances. Kits include left hub with rotor mount, right hub without rotor mount, bearings, seals, wheel studs, nuts, and threaded Ti22 screw-in dust caps.

Part No.	Description
TIP2800	Direct-Mount Hub Kit, Standard Bearings, Anodized Black
TIP2830	Hub Bearing Crush Spacer for Sprint and Midget
TIP1220	Titanium Front Hub Stud Kit
TIP1228	Titanium Nuts

Hub Replacement Components

Part No.	Description
TIP2810	Right Side Aluminum Hub Only, with Races
TIP2812	Left Side Aluminum Hub Only, with Races
TIP2813	Screw-In Dust Cap with Ti22 Logo
TIP2815	O-Ring For Screw-In Dust Cap (TIP2813)
TIP2816	Hub Seal, Single Lip (Grease)
TIP2817	Hub Seal, Double Lip (Oil)
TIP2818	Double Lip Oil Seal Shim, .009"
TIP2819	Bearing Race, Inner and Outer
TIP2821	Front Hub Bearing
TIP2823	Front Wheel Stud, 3/8"-16
TIP2826	Front Flange Nut, 3/8"-16
TIP2822	Angular Contact Front Hub Bearings, Pair
TIP2832	Low-Drag Seal, Sprint Car Front Hub

Front Hub Nut Wrench
TIP8537 **NEW!**

Carbon fiber front hub wrench. 2-7/8" hex.

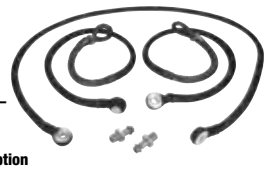
Lightweight Aluminum Spindles

TIP2852

Forged 7075-T6 aluminum 9° spindles with Ti22 logo on the top, 3-1/4" bolt spacing, and straight snouts. Available with either titanium or steel snouts.

Part No.	Description
Black Anodized Spindles	
TIP2850	With Steel Snout and Lock Nut, Mount, Weighs 2.47 lbs.
TIP2852	With Titanium Snout and Lock Nut, Mount, Weighs 2.18 lbs.

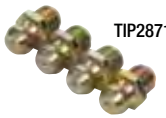
Axle Tether Kits



These Ti22 Performance axle tethers are World Of Outlaws, Allstar, and Knoxville approved.

Part No.	Description
TIP2012	Complete 50" Axle Tether Kit: (2) Axle (1) King Pin
TIP2020	Complete Axle Tether Kit: (2) Axle (1) King Pin, 51" - 53" Axle
TIP2013	50" King Pin Tether with Studs
TIP2014	51" - 53" King Pin Tether with Studs
TIP2016	Axle Tether (Pair), Wrap Style
TIP2018	Tether King Pin Stud Kit, Titanium

Spindle Components


TIP2871

TIP2860

TIP2860

Part No.	Description
TIP2840	Complete Front End Shim Kit
TIP2844	.005" Steel Spindle Shim Kit
TIP2847	.030" Steel Spindle Shim Kit
TIP2856	Spindle Steel Lock Nut, Each
TIP2857	Lock Nut Set Screws, Two
TIP2860	Spindle Bushing, Each
TIP2864	Hollow Steel King Pin, Each
TIP2865	Hollow Titanium King Pin, Each
TIP2866	Aluminum King Pin Cap, Each
TIP2870	Grease Fitting, 45°, Set of 4
TIP2871	Grease Fitting, Straight, Set of 4
TIP2872	Grease Fitting Flat, Straight, Set of 4

Spindle Fastener Kit

TIP1083 **NEW!**

Spindle fastener bolt kit contains (2) 1/2"-20 thread x 2.100" long hex bolts for the steering arm and (2) 1/2"-20 thread x 2.00" long countersunk Torx head bolts for the brake bracket.

STEERING

Pitman Arms

Constructed from CNC-machined .75" thick 2024 aluminum, Ti22's Pitman arms are available both straight and with 10° angle broach. The arms are radiused and designed with through-holes to reduce weight. Adjustable from 11-1/8" to 12-1/8"

TIP3041

TIP3044

Part No.	ID Style	Material
TIP3041	10° Broach	Aluminum
TIP3040	10° Broach	Black Aluminum
TIP3045	Straight	Aluminum
TIP3044	Straight	Black Aluminum

HD Pitman Arms

Ti22's HD Pitman arms are machined from 1" thick 2024 aluminum. The arm tapers from 1" to 3/4" to reduce potential flex. Straight or 10° angle broached arms are offered.

Part No.	ID Style	Material
TIP3055	Straight	Aluminum
TIP3054	Straight	Black Aluminum

Tie Rod And Drag Link Stud Kits

TIP1164

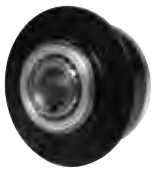
Specially designed and manufactured from lightweight titanium, low-profile Allen-head studs eliminate the need to drill out steering arms for clearance. 1/2"-20 thread pattern. Sold in kit form or individually.

Part No.	Description
TIP1160	Tie Rod and Drag Link Studs, Lock Nuts Included, Titanium, Set of 4
TIP1164	Tie Rod and Drag Link Stud Kit, (4) Studs, (4) Nuts, and (4) Spacers
TIP1166	Tie Rod and Drag Link Stud, (1) Stud, (1) Nut, and (1) Spacer

Pitman Arm Bolts *TIP1240*

Kit includes five titanium bolts to replace standard 3/8"-24 x 1-7/8" hardware found in most torsion and Pitman arms. Bolt kit weighs less than 90 grams.

Quick-Release Splined Coupler


TIP3216

Quick-release couplers allow quick, effective steering wheel removal and replacement. Assemblies accept popular 3-bolt pattern steering wheels, and combine black anodized quick releases with rigid steel couplers. Sold complete, assemblies meet stringent SFI 42.1 specifications.

Part No.	Description
TIP3216	Push-On, for Schroeder Steering Gear
TIP3218	Bolt-On, for Lee/Profile Steering Gear

Half Box Steering Gear Mounts *TIP3070*

Designed for quick installation and removal of the steering gear box. Three hex-cut slots eliminate the need to remove snap ring and end cap, and allow the steering box to slide easily into place. Mounts are CNC-machined from 3/8" thick billet aluminum. Pocketed for strength and weight savings; weighs only 0.54 lbs.

Adjustable Power Steering Pump Mount *TIP3062*

The adjustable power steering pump mount is machined from 2024 aluminum. The slotted mount makes it easy to locate the power steering pump on different engine configurations.

Seat Mounting Spacer Kits

Part No.	Description
TIP4140	Seat Spacer Kit, 1/4" to 2", 5 pcs.
TIP4146	Seat Spacer, 2" only
Lower Seat Spacer Kits - NEW!	
TIP4150	Bottom Seat Spacer 1-1/4" bar is for Maxim Chassis
TIP4152	Bottom Seat Spacer 1" bar is for Triple X, Eagle, KPC Chassis

TIP4140

TIP4150

Adjustable Clamp-On Top Steering Mount *TIP3080*

This new adjustable steering mount has multiple holes for getting the steering wheel in the perfect location.

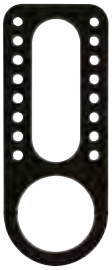
Part No.	Material
Replacement Part	
TIP3083	Shut-Off Mount Fits TIP5585 and MPD76504 Fuel Shut-Offs

Aluminum Steering Box Mounts

Steering box mounts are manufactured from American-made 2024 aluminum. Rigid design keeps steering gear in place. Mounts are offered in three versions.

TIP3077

TIP3078



TIP3079

Part No.	Material
TIP3077	Steering Box Top Mount, MPD Shut-Off on Left
TIP3078	Steering Box Top Mount, Waterman Shut-Off on Left
TIP3079	Steering Box Top Mount, No Shut-Off

SUSPENSION

Radius Rods

Ti22 offers 1-1/8" O.D. polished 6061 aluminum Radius Rods in 1/2" increments from 18" to 25". Rods are available in raw aluminum or with a black anodized finish.

Size	Black Anodized	Raw Aluminum
18"	TIP2500-18	TIP2510-18
18.5"	TIP2500-185	TIP2510-185
19"	TIP2500-19	TIP2510-19
19.5"	TIP2500-195	TIP2510-195
20"	TIP2500-20	TIP2510-20
20.5"	TIP2500-205	TIP2510-205
21"	TIP2500-21	TIP2510-21
21.5"	TIP2500-215	TIP2510-215
22"	TIP2500-22	TIP2510-22
22.5"	TIP2500-225	TIP2510-225
23"	TIP2500-23	TIP2510-23
23.5"	TIP2500-235	TIP2510-235
24"	TIP2500-24	TIP2510-24
24.5"	TIP2500-245	TIP2510-245
25"	TIP2500-25	TIP2510-25

HD Radius Rods

Beef up your radius rods on the left front side with the new HD Radius Rods for a stronger, more durable part over the standard aluminum rods. These radius rods are made using 1-1/8" O.D. 4130 chromoly and are black powder coated.

Part No.	Size
TIP2520-225	22.5"
TIP2520-23	23"
TIP2520-235	23.5"

Rod Ends

Rod ends can be purchased individually, or in 10-packs.

Part No.	Description
1/2"ID x 5/8" Thread	
TIP8250	Aluminum RH Male Black
TIP8250-10	Aluminum RH Male Black 10-Pk.
TIP8251	Aluminum LH Male Black
TIP8251-10	Aluminum LH Male Black 10-Pk.
TIP8260	Narrow Head Moly RH Male Black
TIP8261	Narrow Head Moly LH Male Black
TIP8264	4130 Chromoly RH Male
TIP8265	4130 Chromoly LH Male
TIP8266	Gold Steel RH
TIP8267	Gold Steel LH

TIP8250

TIP8264

Jam Nuts

Jam nuts can be purchased in 4 packs or 10 packs.

Part No.	Description
5/8"-18" RH Thin	
TIP8270	Aluminum 4-Pk.
TIP8270-10	Aluminum 10-Pk.
TIP8272	Aluminum Black 4-Pk.
TIP8272-10	Aluminum Black 10-Pk.
TIP8276	Steel 4-Pk.
TIP8276-10	Steel 10-Pk.
5/8"-18" LH Thin	
TIP8271	Aluminum 4-Pk.
TIP8271-10	Aluminum 10-Pk.
TIP8273	Aluminum Black 4-Pk.
TIP8273-10	Aluminum Black 10-Pk.
TIP8277	Steel 4-Pk.
TIP8277-10	Steel 10-Pk.

Tie Rods and Drag Links

Ti22's tie rods and drag links are made using high-strength 1-1/8" O.D. 4130 chromoly tubing.

TIP3100-46

TIP3110-46

TIP3101-49

Part No.	Material	Size	Color	Thread
Tie Rods				
TIP3100-46	Chromoly	46"	Black	5/8"-18
TIP3100-47	Chromoly	47"	Black	5/8"-18
TIP3100-48	Chromoly	48"	Black	5/8"-18
TIP3100-49	Chromoly	49"	Black	5/8"-18
TIP3100-50	Chromoly	50"	Black	5/8"-18
TIP3100-51	Chromoly	51"	Black	5/8"-18
TIP3110-46	Chromoly	46"	Chrome	5/8"-18
TIP3110-47	Chromoly	47"	Chrome	5/8"-18
TIP3110-48	Chromoly	48"	Chrome	5/8"-18
TIP3110-49	Chromoly	49"	Chrome	5/8"-18
TIP3110-50	Chromoly	50"	Chrome	5/8"-18
TIP3110-51	Chromoly	51"	Chrome	5/8"-18
S-Bend Drag Links				
TIP3101-49	Chromoly	49"	Black	5/8"-18
TIP3101-50	Chromoly	50"	Black	5/8"-18
TIP3111-49	Chromoly	49"	Chrome	5/8"-18
TIP3111-50	Chromoly	50"	Chrome	5/8"-18

Drag Link / Tie Rod Stud Kit

Titanium studs thread into steering and Pitman arms to properly mount steering links. Kit includes (4) 1/2"-20 studs and (8) nylon locking half-nuts.

TIP1164

Part No.	Description
TIP1160	Titanium Kit with Nuts
TIP1164	Button-head Style Kit with Nuts
TIP1166	Button-head Stud with Nut

Radius Rod Stud Titanium Kit

TIP1180

Radius rod studs feature 1/2-20 threads and are 3-1/4" long. Kit includes (6) one-nut studs and (12) nylon locking half-nuts.

Rod End Spacer Kits

Spacers are made from steel or aluminum and have many uses including spacing rod ends on linkages to prevent binding or provide clearance. Packages of 2.

TIP8210

TIP8221

TIP8214

TIP8224

Part No.	Description	Thickness
Cone Spacers		
TIP8210	Steel	1/2" I.D. x 1/4" Long
TIP8211	Steel	1/2" I.D. x 3/8" Long
TIP8212	Steel	1/2" I.D. x 1/2" Long
TIP8213	Steel	1/2" I.D. x 3/4" Long
TIP8214	Steel	1/2" I.D. x 1" Long
TIP8220	Aluminum	1/2" I.D. x 1/4" Long
TIP8221	Black	1/2" I.D. x 1/4" Long
TIP8221-10	Black 10-Pk.	1/2" I.D. x 1/4" Long
TIP8222	Aluminum	1/2" I.D. x 1/2" Long
TIP8223	Aluminum	1/2" I.D. x 3/4" Long
TIP8224	Aluminum	1/2" I.D. x 1" Long

Trent Pigdon Photo by: Ron Pate

TORSION ARMS

Front Torsion Arms

Ti22's arms are constructed of high-strength 2024 aluminum. The arms have been precisely radiused to reduce excess weight while maintaining strength and durability. The left S-bend arms allow for more oversteer clearance on the left front tire—great for non-wing sprint cars! Right torsion arm is 16-3/4" from center of torsion bar hole to end. Left torsion arm is 18-3/4" from center of torsion bar hole to end.

TIP2370

TIP2373

Part No.	Style	Material
TIP2361	Standard Right	Aluminum
TIP2360	Standard Right	Aluminum Black
TIP2362	HD Right	Aluminum Black
TIP2374	HD Left	Aluminum Black
TIP2366	Angle Broached, Right	Aluminum Black
TIP2371	Standard Left	Aluminum
TIP2370	Standard Left	Aluminum Black
TIP2373	S-Bend Left	Aluminum
TIP2372	S-Bend Left	Aluminum Black

Rear Torsion Arms

Precision-engineered design and high-strength 2024 aluminum result in the most durable and reusable torsion arms available. Billet models are CNC-machined from a solid block of 2024 aluminum for added strength and stiffness. Left torsion bars measure 15" from center of torsion hole to end, with a 3-1/4" offset. Right torsion arms measure 13-1/4" from center of torsion hole to end, with a 5" offset. Both series have the same dimensions and offsets. The difference is that the 2320 series is machined from billet aluminum instead of cast, and they don't have the machining on the outside surfaces, only on the inside.

TIP2310

Part No.	Style	Material
TIP2301	Standard Right	Aluminum
TIP2300	Standard Right	Aluminum Black
TIP2311	Standard Left	Aluminum
TIP2310	Standard Left	Aluminum Black
TIP2321	Billet Left	Aluminum Black
TIP2323	Billet Right	Aluminum Black

Pinch Bolts *TIP1240*

Spice up your rear arms with Titanium pinch bolts. 3/8"-24 x 1.875" long.

TORSION STOPS

Torsion Stops

With multiple options available, Ti22 has torsion stops for any budget, from lightweight aluminum to titanium for the ultimate in performance. Feature 1-3/4" split. Aluminum stops include steel pinch bolt and adjuster bolt. Chromoly stops include steel pinch bolt and titanium adjuster bolt, and titanium models include titanium hardware. See below for upgraded titanium adjuster bolt.

Part No.	Material
TIP2380	4130 Chromoly
TIP2381	Aluminum
TIP2382	Aluminum Black
TIP2383	Deluxe Ti stop
TIP2384	Standard Ti stop

Hardware for Titanium / Chromoly / Aluminum Stops

TIP2388

TIP2389

Part No.	Description
TIP2388	Grade 8 Steel Adjuster Bolt 7/16"-20 Thread 2" Long
TIP2389	Titanium Adjuster Bolt 7/16"-20 Thread 1-3/4" Long

Torsion Arm Stop Kit *TIP2350*

Black anodized aluminum/steel threaded rod-style kit. Sold each.

Torsion Arm and Stop Retaining Kit *TIP2355*

This kit holds torsion arm and stop in place if pinch bolts loosen or break. Black. Sold in pairs.

Titanium Torsion Arm Replacement Bolts *TIP1240*

Keep extra bolts on hand. Lightweight, high-strength titanium.

Torsion Arm Bushings

Manufactured from friction-reducing bronze or lightweight, durable plastic. Bushing has a 1-1/8" I.D. and .095" wall. Sold each or in packs of ten.

Part No.	Description
TIP2340	.095" Bronze
TIP2340-10	.095" Bronze, 10-Pk.
TIP2342	.095" Plastic
TIP2342-10	.095" Plastic, 10-Pk.

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TITANIUM

Lower Rear-to-Shock Kit *TIP1170*

Shock stud kits include two studs with large support cones and two nylon locking half-nuts to mount shock to most rear torsion arms. Studs and nuts weigh less than 50 grams.

Drag Link / Tie Rod Stud Kit *TIP1160*

Kit includes four studs with nylon locking half-nuts that thread into steering and Pitman arms with 1/2"-20 threads to properly mount steering links. 2-1/2" long.

Tie Rod and Drag Link Kits

Specially designed and manufactured from lightweight titanium, low-profile Allen-head studs eliminate the need to drill out steering arms for clearance. Sold in kit form or individually.

Part No.	Description
TIP1164	Tie Rod and Drag Link Stud Kit, (4) Studs, (4) Nuts, and (4) Spacers
TIP1166	Tie Rod and Drag Link Stud, (1) Stud, (1) Nut, and (1) Spacer

Shock Stud Kit *TIP1060*

Shock stud kit includes (4) studs and (4) nylon locking half-nuts to mount shock to chassis or front axle. 2" studs have 1/2"-20 threads that thread directly into pre-threaded bungs.

Bumper Bolt Kit *TIP1102*

Kit contains (14) #10-32 x 1-1/2" hex-head bolts and (14) nylon lock nuts for mounting bumpers or nerf bars.

Front Rotor Bolts *TIP1080*

Bolts are 1/2"-20 thread x 1" long.

Front Caliper Mount Bolts *TIP1084*

Front caliper mount bolts are 2" long with 1/2"-20 thread.

U-Joint Bolt Kit *TIP1140*

For the weigh-conscious racer, kit includes (4) 7/16"-20 x 7/8" long premium titanium fasteners.

Spindle Fastener Kit *TIP1083* NEW!

Spindle fastener bolt kit contains (2) 1/2"-20 thread x 2.100" long hex bolts for the steering arm and (2) 1/2"-20 thread x 2.00" long countersunk Torx head bolts for the brake bracket.

Wheel Center Bolt Kit *TIP1015*

Titanium bolt kit includes (15) lightweight 5/16"-24 x 1" long hex-head bolts for added weight savings.

Bead Lock Bolt Kit *TIP1010*

Titanium bolt kit includes (16) lightweight 5/16"-18 x 1" long hex-head bolts for added weight savings.

Shock Stud for Double Tower *TIP1068*

Engineered exclusively for 2017 and newer Triple X sprint chassis utilizing billet, double-hole front shock towers, super-light titanium stud has 1/2"-20 threads and includes a built-in shock spacer.

Fuel Pump Bolt Kit *TIP1136*

Kit includes specialized, lightweight titanium hex-head fasteners to retain the fuel pump.

Rock Screen Clamp Bolts *TIP1210*

Required to retain the rock screen, 1/4"-20 x 3/4" long bolts are manufactured from lightweight titanium. Sold per pair.

Front Hub Stud Kit with Nuts *TIP1220*

Used to secure the front hubs, kit includes (5) button head, 3/8"-16 x 1-1/4" long titanium studs and (5) flanged hex-head titanium nuts.

Front Hub Flange Nuts *TIP1228*

Used to retain the front hubs, flanged, hex-head titanium nuts have 3/8"-16 threads and are sold in a set of five. The same flange nuts are included in the TIP1220 kit.

Tether King Pin Kit *TIP2018*

Kit includes (2) titanium king pin studs and nuts.

Torsion and Pitman Arm Bolt Kit *TIP1240*

Kit includes (5) 3/8"-24 x 1.875" long, hex-head titanium pinch bolts required to secure Pitman/torsion arms. Set of five complete with AN washers.

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Fuel Cell Bolt Kit *TIP1215*

Sprint car fuel cell titanium bolt kit. 5/16"-18 x 3/4" long. 12-point head. Set of (4) bolts

Torsion Stop Bolt with Nut *TIP2389*

Lightweight titanium, 7/16"-20 hex head bolt is 1-3/4" long and is sold complete with a hex-head nut, allowing precise adjustments with a 9/16" wrench. Specially-relieved bolt end prevents mushrooming.

Jacob's Ladder Bolt Kit with Flat Heads *TIP2427*

Required to retain a Jacob's Ladder, lightweight titanium bolt kit includes (2) flat-head 3/8"-24 x 1.875" long Allen bolts and (2) 3/8"-24 flanged hex nuts.

Header Stud Kit *TIP1120*

Header stud kit bolts are 3/8"-16 base thread with 3/8"-24 top thread and are 1-1/2" long. Set of (14) studs and (14) 12-point nuts.

Motor Plate Bolt Kit *TIP1110*

Motor plate bolt kit includes (4) titanium 3/4"-24 Allen head screws with jet nuts.

Header Flange Nut Set *TIP1124*

Titanium 3/8"-24 (fine thread) nuts feature 12-point heads for improved wrenching. Set of 14. Accompanying studs must be purchased separately.

Jacob's Ladder Quick Pin Kit *TIP1070*

Kit includes (2) 3/8" x 3-3/4" pins, (1) 1/2" pin, (2) spacers, and clips.

Radius Rod Stud Kit *TIP1180*

Radius rod stud kit bolts are 1/2"-20 x 3-1/4" long.

Torque Tube Stud Kit *TIP1050*

Made of grade 5 titanium, TI22's studs are 1-7/8" in length, have a 3/8"-16 base thread, and a 3/8"-24 top thread. Kit includes six (6) each of titanium studs, washers, and locknuts.

Torque Tube Nuts *TIP1054*

Titanium torque tube nuts have 3/8"-24 in threads and 12-point heads for improved wrenching. Set of 6.

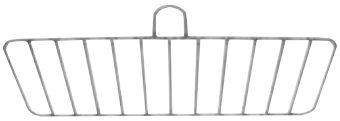
Rock Screen *TIP4021*

TIP4125

Constructed of lightweight titanium rod, Ti22's Rock Screen provides dependable protection from rocks and other debris.

Part No.	Description
Replacement Parts	
TIP4125	Rock Screen Clamp
TIP4126	Rock Screen Clamp with Titanium Bolts NEW!
TIP1210	Titanium Rock Screen 1-3/8" Bolts, 2-Pk.

Mini-Sprint/Midget Rock Screen *TIP3885*



Engineered for Mini-Sprints or Midgets, Rock Screen is 22-3/4" x 8-1/2" in size and manufactured from lightweight titanium rod. Offers the driver superior protection from rocks and debris.

Part No.	Description
Replacement Part	
TIP3886	Rock Screen Clamp, 1-1/4"

Torsion Stop *TIP2383*

The titanium Torsion Stop features a 1-3/4" split. Made from high-grade titanium, the stop saves 5.6 oz. per stop over the steel stop. Includes adjuster bolt and clamp bolt.

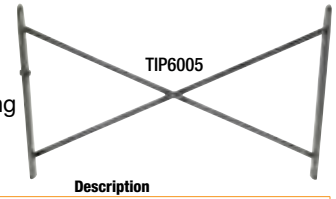
Titanium King Pins

TIP2866

TIP2865

Part No.	Description
TIP2865	5/8" Diameter Hollow King Pin, Each
TIP2866	Aluminum King Pin Cap, Each

Titanium Wing Trees



TIP6005

Save more than a 1/2 lb. by using the titanium wing tree rather than chromoly version. 16" tall.

Part No.	Description
TIP6002	Wing Tree with Inserts
TIP6012	Wing Tree Insert
TIP6005	Round with Inserts

Top Wing Pin Kits

TIP6118

Part No.	Description
TIP6115	1" Long x 1/4" O.D.
TIP6116	5/8" Long x 1/4" O.D.

Titanium Wing Cylinder Studs

TIP6118

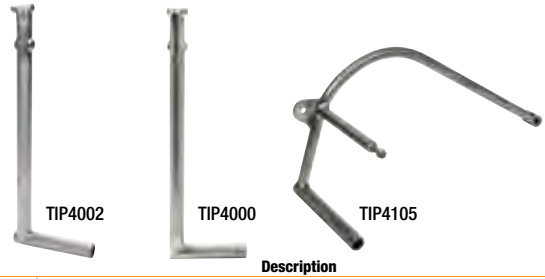
Part No.	Description
TIP6118	3/8" x 24"
TIP6119	5/16" x 24"

Standard Nose Wing Posts *TIP6103*

Ti22's standard nose wing post is now offered in lightweight titanium to reduce weight even further, without sacrificing strength. 13" long with a 1" offset. Sold individually.

Brake and Throttle Pedals

Lightweight and strong, Ti22 titanium brake and throttle pedal Levers are available with 0" and 1" rise for raised rail cars.



Part No.	Description
TIP4002	0" Raised Rail Brake Pedal, 14-1/2" Long from Second Hole, and 5-1/4" Wide
TIP4000	1" Raised Rail Brake Pedal, 13-1/2" Long from Second Hole, and 5-1/4" Wide
TIP4105	Throttle Pedal, Frame-Mounted

BRAKES AND PEDALS

Brake And Throttle Pedals

Ti22 brake pedals are offered for 0" and 1" raised rail cars. Both titanium and chromoly options are offered. Brake pedal levers and are 5-1/4" wide.

Part No.	Description	Material
Brake Pedals		
TIP4002	Straight Rail, 14-1/2" Long from Second Hole	Titanium
TIP4001	1" Raised Rail, 13-1/2" Long from Second Hole	Chromoly
TIP4000	1" Raised Rail, 13-1/2" Long from Second Hole	Titanium
Throttle Pedals		
TIP4105	Frame-Mounted	Titanium
TIP4100	Frame-Mounted	Chromoly
TIP4103	Frame-Mounted, Plain	Aluminum
TIP4104	Frame-Mounted, Black	Aluminum

Seat Mounting Spacer Kits

Part No.	Description
TIP4140	Seat Spacer Kit, 1/4" to 2", 5pcs
TIP4146	Seat Spacer, 2" only
Lower Seat Spacer Kits - NEW!	
TIP4150	Bottom Seat Spacer 1-1/4" bar is for Maxim Chassis
TIP4152	Bottom Seat Spacer 1" bar is for Triple X, Eagle, KPC Chassis

Heel Risers

Heel risers measure 4-1/2" wide and provide the driver with improved comfort and pedal feel. Choose from 1" or 1-1/2" tall versions, in carbon fiber or aluminum. Non-skid pad included.

Part No.	Description
Carbon Fiber	
TIP4110	1" Tall
TIP4112	1-1/2" Tall
Aluminum	
TIP4111	1" Tall
TIP4113	1-1/2" Tall

Brake Rotors and Rear Mounts

Durable billet aluminum adapters accept most popular rotors. Designed for rear inboard mounting, adapters are black anodized. Sold individually.

Part No.	Description
Rear Brake Mounts	
TIP4015	2-3/4" x 42-Spline Center and 8 x 7.00" Bolt Pattern
TIP4018	3" x 5" 42-Spline Center and 6.50"W x 0.30"H x 9.00"L
Front Brake Rotors	
TIP4060	10" Aluminum, 3-Lug
TIP4062	11" Aluminum, 3-Lug

Dry Brake

Designed to provide quick brake line disconnection without fluid loss or air ingestion. Aluminum dry brake couplings are offered in -3AN or -4AN versions.

Part No.	Description
TIP4510	-3AN Dry Brake Coupling
TIP4515	-4AN Dry Brake Coupling

Staubli Dry Brake

Staubli premium dry brakes offer a superior seal and will not lose pressure during use.

Part No.	Style
TIP4500	-3AN Complete Kit
TIP4501	-3AN Male Side Fitting Only
TIP4502	-3AN Female Side Fitting Only

Front Caliper Mounts

CNC-machined from 2024 aluminum. The caliper mount holes are spaced at 3-1/4" and will work with 10-1/8" and 10-7/8" rotors. Steel mounting bolts included.

Part No.	Description
10-1/8" Rotors	
TIP4012	Black
TIP4013	Clear
10-7/8" Rotors	
TIP4010	Black
TIP4011	Clear

HD Front Caliper Mounts

Heavy-duty aluminum bolt-on front brake caliper mounts fit 3-1/4" lug mount calipers. Available for 10" or 11" rotors and with black or clear anodized finish. Sold each.

Part No.	Description
TIP4006	10" Black Anodized
TIP4007	10" Clear Anodized
TIP4008	11" Black Anodized
TIP4009	11" Clear Anodized

Brake Hose NEW!

Constructed from the same material bulletproof vests are made from, these Kevlar brake lines are the strongest brake lines on the market. They are very flexible and feature crimp swedged straight aluminum ends.

Part No.	Description
TIP4520-17	17" Long
TIP4520-18	18" Long
TIP4520-21	21" Long
TIP4520-24	24" Long
TIP4520-36	36" Long
TIP4520-48	48" Long
TIP4520-60	60" Long

Line Clamps NEW!

Billet aluminum brake line clamps for ultimate security, no more electrical tape.

Part No.	Description
TIP4530	2-Piece, 1.25" I.D., Black Anodized Aluminum
TIP4531	Brake Line Clip 1.25" Black Stainless Steel, Pair
TIP4532	2-Piece, 1.38" I.D., Black Anodized Aluminum
TIP4534	2-Piece, 1.5" I.D., Black Anodized Aluminum

Brake Rotor Bolt Kit *TIP1096* NEW!

Titanium replacement bolts for TIP4025. Set of (8) 5/16"-18 x 3/4" bolts.

Brake Mount *TIP2029*

Brake mount for standard and non-wing birdcages.

Front Rotor Bolts

Allen-head bolts, 1/2"-20 x 1", available in steel or titanium. Sold in kits of 3.

Part No.	Description
TIP1580	Steel Kit
TIP1080	Titanium Kit

Caliper Mounting Bolt Kit

Allen-head bolts, 1/2"-20 x 2", available in steel or titanium. Sold in kits of 2.

Part No.	Description
TIP1584	Steel Kit
TIP1084	Titanium Kit

Master Cylinder Return Spring Kit *TIP4219*

Engineered to prevent the driver from overheating the brakes, high-strength coil spring is sold complete with black anodized, billet aluminum retainer. Fits all master cylinders.

Spindle Fastener Kit *TIP1083* NEW!

Spindle fastener bolt kit contains (2) 1/2"-20 thread x 2.100" long hex bolts for the steering arm and (2) 1/2"-20 thread x 2.00" long countersunk Torx head bolts for the brake bracket.

Brake Rotor *TIP4066* NEW!

Allen-head bolts, 1/2"-20 x 2", available in titanium. Sold in kits of 2.

Brake Rotor Adapter *TIP4025* NEW!

Engineered to prevent the driver from overheating the brakes, high-strength coil spring is sold complete with black anodized, billet aluminum retainer. Fits all master cylinders.

Brake Hub Bolt and Lock *TIP4026* NEW!

Replacement bolt and T-nut for TIP4025. Set includes (1) bolt and (1) T-nut.

Ti22 PERFORMANCE
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Torque Tube *TIP4702*

Made from lightweight, high-strength 6061-T6 aluminum, the Ti22 torque tube is 2.900" in diameter, 26-3/4" long, and fits any 40" car. Black anodized.

Torque Ball Housing Kit *TIP4710*

Assembly includes stamped steel firewall housing, hydroformed aluminum torque ball, rubber torque ball dust boot, forged aluminum retaining collar, and 4 highnuts. Weighs 4 lbs. 2 oz.

Part No.	Description
Replacement Components	
TIP4720	Aluminum Torque Ball, Hard Anodized for Steel Housing Only
TIP4722	Forged Aluminum Retaining Collar
TIP4724	Highnut for Torque Ball Housing, Steel, 4-Pk.
TIP4728	Rubber Torque Ball Dust Boot
TIP1050	Torque Tube Stud Kit
TIP1054	Torque Tube Nuts, 3/8"-24 Thread, 12-Point, Titanium, Set of 6

Billet Aluminum Torque Ball Housing and Ball

These housings are very rigid and strong to retain debris in the event of a U-joint failure. The torque ball is CNC-machined for strength and durability.

Part No.	Description
TIP4712	Billet Housing
TIP4714	Torque Ball for Billet Housing
TIP4726	Stud Kit, Set of 4

Heavy-Duty Aluminum U-Joint Chevy/Chrysler *TIP4735*

Heavy-duty billet aluminum assembly features 32-spline and four-bolt flange, designed to endure the rigors of open wheel racing. Fitted with a premium Spicer U-joint, CNC-machined assembly is black anodized for corrosion resistance and mates to the rear of Chevy or Chrysler engines. Sold complete with premium fasteners.

U-Joints

Standard-duty U-joint assemblies are exceptionally lightweight, while remaining very durable. Black anodized billet aluminum units are offered with choice of 16- or 32-spline with four-bolt flanges, are fitted with Spicer U-joints, and mate to the rear of Chevy or Chrysler engines. Sold complete with premium fasteners.

Part No.	Description
TIP4730	16 Spline
TIP4732	32 Spline
Replacement Components	
TIP4731	Universal Joint Spring Kit for TIP4730
TIP4733	Universal Joint Spring Kit for TIP4732
TIP4734	Universal Joint, 1-1/16" Cap, 3-7/32" Across
TIP4737	Universal Joint, 1-1/16" Cap, 3-1/4" Across, Clips Included, Pair
TIP4738	Universal Joint U-Bolt Kit, Long
TIP4739	Universal Joint U-Bolt Kit, Short, Nuts / Washers Included

WHEELS

Splined Rear Wheel Center *TIP2890*

This 100% CNC-machined black wheel center is manufactured from forged 2024-T3 aluminum. Fits most popular brands of Wide 5 rear wheels, and is stronger than the original center. Sold individually.

Part No.	Description
Replacement Component	
TIP2898	Threaded Wheel Insert, 1/4"-20 Self-Clinching

Rear Axle Wheel Nuts

Engineered exclusively for sprints, wheel nuts are manufactured from rigid billet aluminum with a black powder-coated finish. Sold each.

Part No.	Description
TIP2876	LH Threads
TIP2877	RH Threads

Axle Spacer Kit *TIP2880*

Easily adjust wheel spacing on the axle with these black anodized billet aluminum axle spacers. 10-piece kit includes (2) 3/8", (2) 3/4", and (1) 2" straight spacers, (2) 1" splined spacers, and (1) 1-1/4", (1) 2", and (1) 2-1/2" tapered splined spacers.

Wheel Cover Retaining Bolt Kit

Offered with choice of steel or lightweight titanium bolts, kits include the necessary screw-in inserts, rivets, “E”-clips, and bolts to retain one mud cover to wheel.

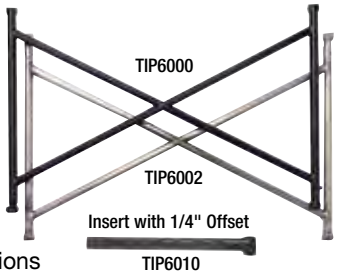
Part No.	Description
TIP4440	Steel
TIP4442	Titanium

Disconnects and Components

Wheel disconnects allow for use of pneumatic bleeders to maintain constant air pressure and consistent stagger, and can also be used for quick filling. Available in black aluminum or white plastic, and sold individually or in sets of 4. Additional accessories and replacement parts also available.

Part No.	Description
Black Aluminum	
TIP4400	Wheel Disconnect
TIP4402	Wheel Disconnects, 4-Pk.
Plastic	
TIP4404	Wheel Disconnect
TIP4406	Wheel Disconnects, 4 -Pk.
TIP4410	Bleeder Plugs, 2-Pk.
Steel/Rubber	
TIP4408	Sealing Washers, 4-Pk.
Rubber	
TIP4409	Valve Grommets, 4-Pk.
Aluminum	
TIP4413	Thread-On Bleeder Screen
TIP4415	Schrader Valves, 2-Pk.
TIP4417	Bleeder Hose End

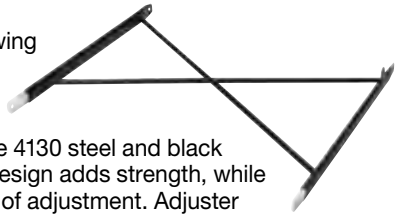
Wing Trees



Ti22's wing tree is designed to be a lightweight addition. With an extra inch added to the length, the tree is able to achieve the wing angles needed for a variety of wings. Both titanium and chromoly versions are offered. The Wing Tree inserts are fabricated with 1/4" offset to accomodate varying tab dimensions. The tree comes with bottom inserts for easy wing adjustment.

Part No.	Description	Material
Top Wing Tree		
TIP6000	Assembly 16"H x 26"W	Black Steel
TIP6001	Assembly 16"H x 26"W	Plated Steel
TIP6002	Assembly 16"H x 26"W	Titanium
Aero Wing Tree		
TIP6004	Assembly 16"H x 26"W	Black Steel
TIP6006	Insert	Black Steel
Wing Tree		
TIP6010	Insert Black	Black Steel
TIP6011	Insert Plated	Plated Steel
TIP6012	Insert, Sold as Pair	Titanium

Aero Wing Trees



Engineered to place the wing at the optimum angle for wedge-style sprint chassis, the Aero Wing Tree is constructed from durable 4130 steel and black powder finished. The "X" design adds strength, while 3/4" holes provide up to 3" of adjustment. Adjuster pins must be purchased separately.

Part No.	Description	Material
TIP6004	Aero Wing Tree with Pins, 16"	Black Steel
TIP6005	Aero Wing Tree with Pins, 16"	Titanium
Related Components		
TIP6006	Aero Wing Tree Insert	Black Aluminum
TIP6115	Top Wing Pin Kit	Titanium
TIP6118	Wing Cylinder Stud	5/16"-24 Titanium
TIP6119	Wing Cylinder Stud	3/8"-24 Titanium

Wing Cylinder Clamp *TIP6038*

Black anodized aluminum clamp has a 1-1/2" I.D. to secure a wing cylinder to round tubing.

Manual Wing Sliders

Manual sliders allow easy wing adjustment and are machined to resist binding.

Part No.	Description
Adjustment Kits	
TIP6030	Black, 15" Collapsed
TIP6031	Natural, 15" Collapsed
TIP6032	Black, 20" Collapsed
TIP6033	Plain, 20" Collapsed

Tubular Nose Wing Strap

Tubular nose wing straps are available in both adjustable and non-adjustable formats, and are made from plated 4130 steel tubing. Non-adjustable straps are 10-3/4" long (hole-to-hole) from the shock towers to the nose wing side boards, and weigh 5 oz. Adjustable straps have welded tabs with adjustable bottom mounts (6", 6-3/4", 7-1/2") and weigh 4.5 oz. Straps do not interrupt airflow. Sold individually.

Part No.	Description
TIP6152	Chrome-Plated Steel
TIP6151	Chrome-Plated Black Steel
TIP6152	Adjustable Steel
TIP6153	Adjustable Black Steel

Carbon Fiber Wing Caps

Part No.	Description
TIP6040	Top Wing Cap 59-3/4" Wide Carbon Fiber
TIP6042	Nose Wing Cap 35-3/4" Wide Carbon Fiber

Nose Wing Posts *TIP6103*

Made from 1" O.D. tubing, this titanium nose wing post is 13" long with a 3" offset.

Quick Pins

Easily make wing adjustments on the fly with these 1/4" quick pins.

Part No.	Description
TIP6114	1/4" x 2" Quick Pin, Steel, Each
TIP6115	1/4" x 1" Wing Tree Pins, Titanium, 2-Pk.

Straight Nose Wing Posts

Straight nose wing posts are available in aluminum or 4130 chromoly steel, in natural or black finish. Clamp into nose wing post clamps that secure to the torsion tube pinch clamps to connect the center of the nose wing. 12" long, 1" O.D. tubing. Sold individually.

Part No.	Material
TIP6124	Chrome-Plated Steel
TIP6125	Natural Aluminum
TIP6126	Black Steel
TIP6127	Black Aluminum

Top Wing Posts

Ti22's top wing posts now feature a full circle bracket, giving the "T" two contact points instead of one. An aluminum insert has been added to the titanium post for additional strength. The overall length is 12". Sold individually.

Part No.	Description
12" Length	
TIP6016	Roller
TIP6017	Plated
TIP6018	Black

Clamp-On Aero Nose Wing Mounts

Aero style aluminum nose wing front post clamps (for clamping nose wing post to the torsion tubes) attache securely to torsion tubes. Has aero-style I.D. for nose wing front post, and is angled perfectly to reach side panel of nose wing with posts. Bolts included. For use with our aero style right and left nose wing posts. Sold individually.

TIP6133

TIP6134

Part No.	Description
Black Aluminum	
TIP6133	Clamp
Black Steel	
TIP6134	Post RH
TIP6135	Post LH

Forward-Bent Nose Wing Posts

Forward-bent nose wing posts are available in natural or black anodized aluminum, or black or chrome-plated 4130 chromoly steel. Clamp into nose wing post clamps that secure to the torsion tube pinch clamps to connect the center of the nose wing. 12" long, 1" O.D. tubing. Sold individually.

TIP6120

TIP6121

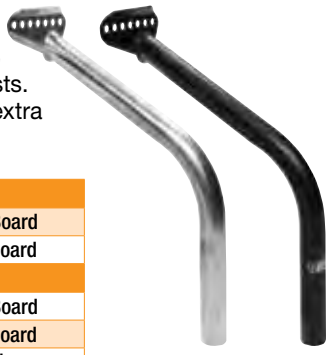
TIP6122

TIP6124

Part No.	Description
TIP6120	Chrome Plated Steel
TIP6121	Natural Aluminum
TIP6122	Black Steel
TIP6123	Black Aluminum

Adjustable Nose Front Wing Posts

The adjustable nose wing posts provide the flexibility to set your wing as needed without having to switch or rebend your current posts. The adjuster provides for 3/4" of extra adjustment. Sold individually.



Part No.	Description
Chrome-Plated Steel	
TIP6128	RH Adjustable to Side Board
TIP6129	LH Adjustable to Side Board
Black Steel	
TIP6130	RH Adjustable to Side Board
TIP6131	LH Adjustable to Side Board
TIP6132	RH and LH Sold in Pairs

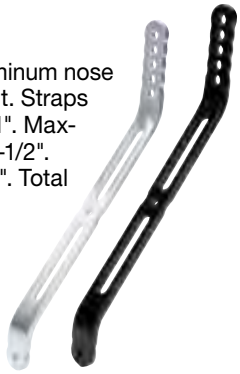
Flat Nose Wing Straps

Ti22 flat nose wing straps are available in natural or black powder-coated stainless steel, and weigh only 5 oz. Overall dimensions are 11-1/2"L x 1-1/8"W, wide, and height is adjustable between 7-3/4" and 10-1/2" in 3/4" increments. Sold individually.

Part No.	Description
TIP6156	Stainless
TIP6157	Black Stainless

Bent to Side Board Adjustable Straps

Side board-mount, black anodized aluminum nose wing rear strap straps are strong and light. Straps have a width of 1" and overall length of 11". Maximum height is 10-1/2" and minimum is 8-1/2". Offset is 5-1/2" with an adjustment of 1/2". Total weight is 0.23 lbs. Sold individually.



Part No.	Description
TIP6158	Aluminum
TIP6159	Black Aluminum

Bumpers and Nerfs

Fabricated from 1" O.D. stainless steel, 4130 chromoly, or aluminum. Bumpers and nerfs feature specially swedged ends to fit easily into the chassis.

Part No.	Description	Material
Natural		
TIP7000	19" On-Center Front Bumper	Stainless Steel
TIP7001	19" On-Center Front Bumper	Aluminum
TIP7002	Stacked Front Bumper	Stainless Steel
TIP7003	Stacked Front Bumper	Aluminum
TIP7008	Front Bumper Pretzel Style	Stainless Steel
TIP7011	LH Nerf Bar 3-Point	Stainless Steel
TIP7013	LH Nerf Bar 2-Point	Stainless Steel
TIP7015	LH Nerf Bar 3-Point Battle Bar	Stainless Steel
TIP7020	RH Neft Bar 3-Point	Stainless Steel
TIP7022	RH Nerf Bar 2-Point	Stainless Ultra-Light
TIP7024	RH Nerf Bar 3-Point Battle Bar	Stainless Steel
TIP7030	Lightweight Rear Bumper	Stainless Steel
TIP7032	Rear Bumper w/Brace	Stainless Steel
TIP7036	Rear Bumper Basket Style	Stainless Steel
Black		
TIP7005	Stacked Front Bumper	4130 Chromoly
TIP7006	19" On-Center Front Bumper	4130 Chromoly
TIP7012	LH Nerf Bar 3-Point	4130 Chromoly
TIP7014	LH Nerf Bar 2-Point	4130 Chromoly Ultra-Light
TIP7021	RH Nerf Bar 3-Point	4130 Chromoly
TIP7031	Lightweight Rear Bumper No Brace	4130 Chromoly
TIP7033	Rear Bumper w/Brace	4130 Chromoly
TIP7037	Rear Bumper Basket Style	4130 Chromoly

Bumper Bolt Kit *TIP1102*

Kit contains (14) #10-32 x 1-1/2" titanium bolts for the bumper, nerfs, and torque tube hoop and includes all lock nuts.

ENGINE

Billet Cam Plate with Seal

Manufactured with high-quality SKF seals, these billet aluminum plates are precision-machined to exact dimensions, providing maximum sealing to prevent any possible leakage.

TIP5080

Part No.	Description
TIP5080	SB Chevy Steel Block 2.100" O.D.
TIP5082	Rodeck Aluminum Block 2.256" O.D.
TIP5084	SB Chevy Dart Little M Block 2.384" O.D.
Replacement Components	
TIP5088	Replacement Cam Seal Only

In-Tank Fuel Filters

Manufactured with 60-micron pleated stainless mesh filter.

TIP5140

Part No.	Description
TIP5140	-12AN Straight Inlet Fitting
TIP5142	90° Rotating 3/4" Slip-On Style Inlet

Fuel Cell Bolt Kit *TIP1215*

Sprint car fuel cell titanium bolt kit. 5/16"-18 x 3/4" long. 12-point head. Set of (4) bolts.

Motor Plate Bolt Kit *TIP1110*

Motor plate bolt kit includes (4) titanium 3/4"-24 Allen head screws with jet nuts.

Adjustable Tail Tank Clamp Set *TIP8012*

Clamps feature an adjustable design to allow mounting virtually any brand of fuel tank. Lightweight, CNC-machined aluminum clamps mount to the tail tank bar and utilize recessed bolt heads to conceal and protect them from debris.

Aluminum Exhaust Port Blockoffs

Keep the engine clean and dry in storage or when performing maintenance.

TIP5120

Part No.	Description
TIP5120	Spreadport
TIP5124	Standard Port

Spark Plug Guards *TIP5100*

Spark Plug Guards have lightweight brackets that bolt to the headers, keeping plugs clean and safe.

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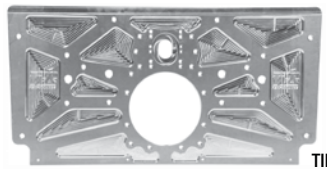
Front and Rear Motor Plates

Manufactured from 3/8" thick 6061 aluminum, these raised rail rear plates are lightened on the inside to keep dirt from getting trapped in lightening pockets. Designed to fit both standard and raised cam engines, the plates have multiple drilled and tapped holes for mounting pumps and accessories. Lower edge holes allow mounting floor pan securely to motor plate. Available in natural or black anodized finish. 24-5/8"W x 12-7/16"H, weighs 7.5 lbs.


TIP5002

TIP5012

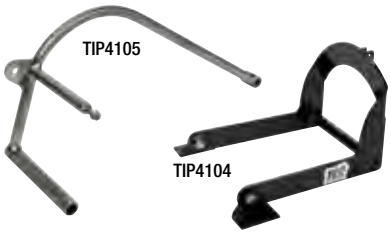
Part No.	Description
Rear Motor Plates	
TIP5002	Plain
TIP5004	Black
Front Motor Plates	
TIP5010	Plain
TIP5012	Black

Double-Bearing Bell Crank *TIP5536*

These double-bearing bell cranks are ultra smooth and make for great throttle response.

Throttle Pedals

Part No.	Description
Frame Mounts	
TIP4100	Black
TIP4105	Titanium
Floor Mounts	
TIP4103	Plain
TIP4104	Black



Sprint Car Hood Blankets and Tank Cover

Tail tank cover helps reduce heat build-up from the sun, keeping fuel cooler. Silver-colored alumunized insulated mat includes strap. Hood blankets help retain heat in the engine compartment between races; available with or without header heat shields.

Part No.	Description
TIP5460	Tank Cover
TIP5465	Hood Blanket
TIP5466	Deluxe Hood Blanket with Header Heat Shield

Fuel Block *TIP5500*

Black anodized aluminum fuel block has three -6AN female ports and one -8AN female port. Includes male adapter fittings. Each.

In-Line Fuel Filters

Black anodized billet aluminum fuel filters are available in two different sizes: short style with -6AN male inlet/outlet fittings or long style with -12AN male inlet/outlet fittings. Stainless steel replacement elements available.

Part No.	Description
TIP5526	-6AN Short Style Filter, 70-Micron Stainless Element
TIP5528	-12AN Long Style Filter, 100-Micron Stainless Element
Replacement Components	
TIP5527	Replacement Element for TIP5526 Short Filter, 70-Micron
TIP5529	Replacement Element for TIP5528 Long Filter, 100-Micron
TIP5523	Replacement O-Ring Kit for TIP5526/TIP5528

In-Line Fuel Filters with Built-In Shut-Off Valve

Black anodized billet aluminum 100-micron fuel filters are available in -6AN, -8AN, -10AN, and -12AN. Stainless steel replacement elements available.

Part No.	Description
TIP5506	-6AN
TIP5508	-8AN
TIP5510	-10AN
TIP5512	-12AN
Replacement Components	
TIP5520	Replacement Element
TIP5522	Replacement O-Ring Kit

Billet Fuel Filter Mounting Clamps

TIP5540

TIP5544

Part No.	Description
Engine Mount Fuel Filter Clamp	
TIP5540	Designed to Mount #6 Pressure Filter to the Fuel Injector Bridge, Two-Piece Black Anodized Aluminum Billet Construction
Fuel Filter Clamp	
TIP5544	Designed to Mount 2" Diameter Filter on 1-1/4" Tube, Black Anodized Billet Construction with Countersunk Allen Bolt for Easy Tightening
TIP5546	Designed to Mount 2" Diameter Filter on 1-3/8" Tube, Black Anodized Billet Construction with Countersunk Allen Bolt for Easy Tightening
TIP5548	Designed to Mount 2" Diameter Filter on 1-1/2" Tube, Black Anodized Billet Construction with Countersunk Allen Bolt for Easy Tightening

Fuel Block Mounting Bracket *TIP5504*

Master cylinder mount allows easy mounting of fuel block to the master cylinder. Black anodized aluminum. Each.

Fuel Shut Off

Part No.	Description
TIP5580	-6AN Waterman Style 4"W × 1-1/2"H × 7"L
TIP5585	-6AN MP Style 4"W × 1"H × 7"L

TIP5580

Carbon Fiber Mounts

TIP4200

TIP4202

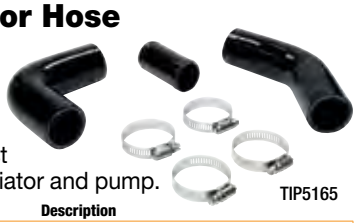
Part No.	Description
TIP4200	TelTac Tach Mount
TIP4202	MSD Ignition Box Bracket
TIP4204	MSD Ignition Box Bracket, Bent Dash

Honeycomb Radiator Screen *TIP5184*

Protect radiators from small rocks and debris. Durable tan-colored plastic, 26"x 19"x 1/2". Each.

Lower Sprint Radiator Hose

Molded silicone hose is built specifically for sprint car lower radiator hose applications. Molded 90° elbow and 45° elbow separated by 5" fits most combinations of Sprint Car radiator and pump.


TIP5165

Part No.	Description
TIP5090	Adapter, Straight, 5/8-18" Female to 3/8" NPT Male
TIP5160	Lower Sprint Radiator Hose, Black, 1-1/2"
TIP5161	Lower Sprint Radiator Hose, Black, 45° Bend, 1-1/2" I.D.
TIP5162	Lower Sprint Radiator Hose, Black, 90° Bend, 1-1/2" I.D.
TIP5163	Lower Sprint Radiator Hose Black 1-3/4"
TIP5165	Lower Sprint Radiator Hose, 3-pcs, Black, 1-1/2"
TIP5166	Lower Sprint Radiator Hose, 45° Bend, 1-3/4" I.D.
TIP5167	Lower Sprint Radiator Hose, 90° Bend, 1-3/4" ID
TIP5168	Lower Sprint Radiator Hose, 1-1/2" I.D. to 1-3/4" I.D. 22" long
TIP5170	1-1/2" Billet Hose Clamp
TIP5172	1-3/4" Billet Hose Clamp
TIP5175	Hose Clamp, Worm Gear, 1-1/2" to 1-3/4" Hose, Set of 10
TIP5178	Tubing Coupler, Straight, 1-1/2" I.D., 3" Long
TIP5179	Tubing Coupler, Straight, 1-3/4" I.D., 3" Long
TIP5570	Dash Bulkhead Plate -6

TOOLS

Set-Up Blocks

TIP2981

Aluminum blocks feature a contoured bottom with integrated magnets to hold tight to steel tubing or any flat steel surface. Quick-release pin keeps the block at the desired height. Short blocks adjust from 1-3/4"-4" and tall blocks adjust from 3"-6". Sold in pairs. Available accessories include set-up rollers with easy rolling wheels, or set-up cups to securely cradle axle tubes.

Part No.	Description
TIP2980	Short Set-Up Blocks, 1-3/4" - 4", Pair
TIP2981	Tall Set-Up Blocks, 3" - 6", Pair
TIP2986	Accessory Set-Up Rollers, Pair
TIP2987	Accessory Set-Up Cups, Pair
TIP3680	Setup Blocks, Rear, 1-1/4" to 3-3/4" Adjustable
TIP3682	Setup Blocks, Front, 1-1/4" to 3-1/4" Adjustable

Bead Breakers

TIP8504

TIP8507

Part No.	Description
Narrow Jaws	
TIP8502	For 10" Wheel, Steel, Black
TIP8503	For 13" Wheel, Steel, Black
TIP8504	For 15" Wheel, Steel, Black
WideJaws	
TIP8505	For 15" Wheel, Steel, Black
TIP8507	For 15" Wheel, Aluminum, Black

Tire Tools

TIP5480

Part No.	Description
Digital Remote Tire Inflators	
TIP5480	Tire Pressure Gauge, 0-100 PSI, 2-1/4" Diameter, Black Face, Schrader Valve / Tire Chuck, Kit
TIP5481	Tire Pressure Gauge, 0-100 PSI, 2-1/4" Diameter, Black Face, Ball Chuck / Tire Chuck, Kit
Replacements Parts	
TIP5482	Tire Pressure Gauge, 0-100 PSI, Digital, 2-1/4"Diameter, Black Face, Each
TIP5486	Fill Hose, Schrader Valve Female to Tire Chuck, Ti22 Tire Pressure Gauge, Each
TIP5487	Fill Hose, Schrader Valve Female to Schrader Valve Male, Ti22 Tire Pressure Gauge, Each
TIP5488	Fill Hose, Schrader Valve Female to Ball Chuck, Ti22 Tire Pressure Gauge, Each

Locking Tear-Off Post Kit *TIP4900*

Quick adjusting, true locking tear-off post eliminates the problem of loose tear-offs on any helmet. Makes installing tear-offs very quick. Includes installation tool. Two posts per kit.

Front Hub Nut Wrench *TIP8537* NEW!

Carbon fber front hub wrench. 2-7/8" hex.

Quick Wrench *TIP8535*

Designed to work on all -6AN fittings. Works great on all fuel bypass fittings for quick adjustments.

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TOOLS

Wheel Wrench For Sprint Car
TIP8510 NEW!

Sprint car wheel wrench features a removable sleeve adapter to fit heavy-duty and lightweight axles. Six-point socket fits 3" axle nuts. Black powder-coated aluminum construction.

Quick-Change Drain Pan
TIP8520

Black anodized aluminum drain pan is 10-1/4" wide x 12" long x 3-3/4" deep. Features a built-in perforated shelf to hold gears and allow lube to drain into pan.

Adjustable AN Wrench TIP8532

Single-end wrench adjusts from -3AN to -12AN. Black anodized aluminum won't mar fittings.

-3 to -16 Aluminum AN Wrench Set
TIP8530

Seven-piece AN wrench set is the best value on the market. Black anodized aluminum wrenches won't mar fittings and are labeled for easy identification. -3 through -16.

Sonic Cleaning Solution TIP5610

For use with ultrasonic cleaners. It effectively breaks down dirt, oils, and works great for cleaning methanol residue from fuel system components. One-gallon container.

6-Piece Rubber Tie-Down Strap Kit TIP8512

Kit includes: (2) 15", (2) 21", (2) 31".

Rolling Chassis Stands

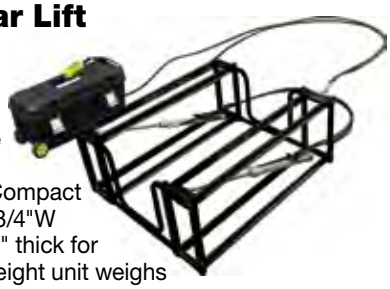
Frame stand and dolly set is built with black powder-coated steel, making it tough enough for shop duty, but nice enough for showroom use! Adjusts easily from 13" to 19" in height to put a sprint chassis at the ideal working height, while heavy-duty locking casters make it easy to move around the shop, even under heavy loads. High-density rubber pads help prevent scratches on lower frame rails. Includes all pins, casters, and hardware needed for assembly. Sold in sets of two.

Part No.	Description
TIP5410	Frame Stand and Dolly, Steel, Pair
Replacements Parts	
TIP5415	Frame Stand Replacement Rubber Mount
TIP5416	Frame Stand Replacement Rubber Mount with Spacer
TIP5417	Frame Stand Pin Hardware 4 Short 2 Long
TIP5418	Frame Stand Replacement Caster No Lock
TIP5420	Frame Stand Replacement Caster with Lock

Pit Stands for Sprint Car
TIP5414

These pit stands work great at both the shop and at the track. Black powder-coated steel. Sold in pairs.

Portable Sprint Car Lift
TIP8550 NEW!



Durable, portable lift provides up to 14" of lift to provide easier maintenance and repair of sprint cars, in the shop and at the track. Compact frame measures 48"L x 31-3/4"W x 14"H, and folds down to 3" thick for convenient storage. Lightweight unit weighs only 67 lbs., with an integrated 120VAC hydraulic pump that allows it to lift up to 4,000 lbs. Black anodized aluminum frame with powder-coated steel center section bars.

BODY COMPONENTS

Fiberglass Body Components

Body components are made with the highest quality fiberglass, then finished with a very strong gel-coat in either white or black.

Outlaw Style Hoods

Part No.	Color
Hoods	
TIP8200	Black
TIP8202	White

Part No.	Color
Nose	
TIP8201	Black
TIP8203	White

Part No.	Color
Dash	
TIP8204	Black
TIP8205	White

TI2 PERFORMANCE
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Plastic Shock Covers

Our shock covers have fit every shock we've tried them on and will add life to your shocks by keeping the shock body safe from rocks and debris. Easy snap-on installation. Available for small or large-body shocks. Sold each.

Part No.	Description
TIP8308	Small Body
TIP8312	Big Body

Arm Guards

TIP8300

TIP8314

Part No.	Color
Right Side	
TIP8300	Black
TIP8304	White
Left Side with Safety Cage	
TIP8310	Black
TIP8314	White

Radius Rod Covers

TIP8332

TIP8334

Part No.	Color
Right Side	
TIP8330	Black
TIP8332	White
Left Side	
TIP8334	Black
TIP8336	White

Quick-Turn Wrench *TIP8534*

Wrench makes installation and removal of slotted-head quick-turn fasteners easy. Zinc-oxide plated steel with a non-slip hand grip.

BODY COMPONENTS

Quick-Turn Buttons

TIP8100
TIP8110

TIP8150

Part No.	Description	Quantity
Oval-Head Quick-Turn Buttons		
TIP8100	Natural, .500" Long	10-Pk.
TIP8100-50	Natural, .500" Long	50-Pk.
TIP8102	Black, .500" Long	10-Pk.
TIP8102-50	Black, .500" Long	50-Pk.
TIP8104	Natural, .550" Long	10-Pk.
TIP8104-50	Natural, .550" Long	50-Pk.
TIP8106	Black, .550" Long	10-Pk.
TIP8106-50	Black, .550" Long	50-Pk.
Large Head Quick-Turn Buttons		
TIP8108	Natural, .500" Long	10-Pk.
TIP8108-50	Natural, .500" Long	50-Pk.
TIP8110	Black, .500" Long	10-Pk.
TIP8110-50	Black, .500" Long	50-Pk.
Steel Quick-Turn Springs		
TIP8120	Steel Quick-Turn Springs	10-Pk.
TIP8120-50	Steel Quick-Turn Springs	50-Pk.
Quick Turn Mounting Brackets		
TIP8150	1-1/4" Tubing	1
TIP8151	1-3/8" Tubing	1
TIP8152	1-1/2" Tubing	1
TIP8153	1-5/8" Tubing	1

Body-Saver Plates

Help protect body panels when using quick-turn fasteners. Body reinforcing plates are 2"L x 1"W, and attach using 1/8" rivets.

Part No.	Description
Stainless Steel	
TIP8140	10-Pk.
TIP8140-50	50-Pk.
Steel, Black	
TIP8142	10-Pk.
TIP8142-50	50-Pk.

MINI SPRINT

600 Mini Sprint Front End Components

Front Steering Arms

Precision machined from 2024 aluminum, arms are engineered for use with XB spindles. Arms may be used on the right or left spindle, and are offered with plain or black finish. Fits TIP3522 and TIP3523 spindles.

Part No.	Description
TIP3540	Aluminum
TIP3541	Black

600 Mini Sprint Front End Components

Steering Arms

Precision machined from 2024 aluminum arms are engineered for standard-height mini sprint spindles. Arms can be used as steering arm only or combo arm and are offered in plain aluminum or black anodized. Fits TIP3520 and TIP3521 spindles.

Part No.	Description
TIP3542	Aluminum
TIP3543	Black

600 Mini Sprint Front End Components

Spindles

CNC-machined from rigid 6061-T6 billet aluminum, spindles include a machined aluminum snout. Plain finish.

Part No.	Description
TIP3520	Left Front
TIP3521	Right Front

XB Spindles

Made from billet 2024 aluminum, XB spindles feature an extra-tall boss design and a machined aluminum snout. Choose from plain or black finished.

Part No.	Description
TIP3522	Aluminum, Tall Boss
TIP3523	Aluminum, Black, Tall Boss

Steel Boss King Pins

Part No.	Description
TIP3532	Short, 5/8" Dia. x 3-5/8" Tall
TIP3533	Tall, 5/8" Dia. x 3-7/8" Tall

Spindle Nut Kit *TIP3530*

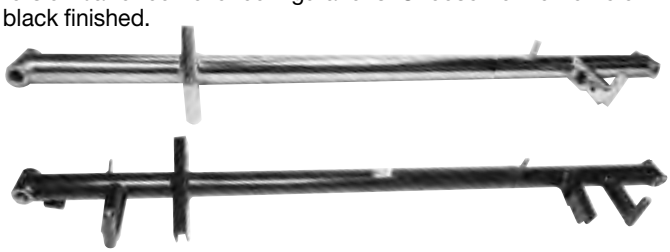
Fits standard or XB spindles.

Thrust Bearing Kit *TIP3534*

Kit includes roller bearing and shims required for one spindle.

Front Axles

Manufactured from durable 1-1/2" x .120" wall 4130 chrome moly steel with 10° front spindles, front axles are offered in torsion bar or coil-over configurations. Choose from chrome or black finished.



Part No.	Description
39-1/2" Long	
TIP3500	Coil-Over, Chrome
TIP3501	Coil-Over, Black
TIP3502	Torsion Bar, Tall Boss, Chrome
TIP3503	Torsion Bar, Tall Boss, Black
40" Long	
TIP3505	Coil-Over, Black
42" Long	
TIP3506	Coil-Over, Non-Winged, Chrome
TIP3507	Coil-Over, Non-Winged, Black

600 Mini Sprint Front End Components

Mini Sprint Front Hubs

Black anodized front wheel hub feature a lightweight direct-mount design and include standard bearings.

Part No.	Description
Standard Bearings	
TIP3561	Driver Side, Aluminum, Black
TIP3562	Passenger Side, Aluminum, Black
REM Bearings	
TIP3564	Driver Side, Aluminum, Black
TIP3565	Passenger Side, Aluminum, Black
Replacement Part	
TIP3570	Hub Cap for Front Hubs

Mini Sprint Torsion Components

7/8" Torsion Stops

Torsion stop is CNC-machined from billet aluminum and incorporates a high-grade, full-thread stainless steel bolt with nut to provide exact adjustments. The bolt end is additionally relieved to prevent mushrooming. Choose from natural or black finish.

Part No.	Description
TIP3600	1-1/2" Tube Split, Natural
TIP3601	1-1/2" Tube Split, Black

Torsion Bar Bushing *TIP3608*

Durable Nylatron-composite bushing offers less friction and a longer life. Designed for use with 7/8" dia. bars, .083" wall bushing features a tapered end for ease of installation.

Torsion Arms

Manufactured from durable billet 2024 aluminum, Torsion Arms are offered for a wide variety of applications. Offered with polished or black anodized finish.

Part No.	Description
Polished	
TIP3610	Left Front, 13-1/2" Long, 7/8" Spline, 3/4" Thick
TIP3611	Right Front, 12" Long, 7/8" Spline, 3/4" Thick
TIP3624	Right Rear, 4-1/8" Offset, 9-3/4" Long, 7/16" Thread
TIP3626	Fusion Chassis, Right Rear, 1-1/2" Offset, 9-1/2" Long, 7/16" Thread
Black	
TIP3614	Left Front, 13-1/2" Long, 7/8" Spline, 3/4" Thick
TIP3615	Right Front, 12" Long, 7/8" Spline, 3/4" Thick
TIP3621	Left Rear, Straight, 11-1/2" Long, 7/16" Thread
TIP3625	Right Rear, 4-1/8" Offset, 9-3/4" Long, 7/16" Thread
TIP3627	Fusion Chassis, Right Rear, 1-1/2" Offset, 9-1/2" Long, 7/16" Thread

Mini Sprint Torsion Components

Panhard Arms

Specific to panhard rear axle assemblies, rigid 2024 aluminum arm provides a structurally stout piece. Arm has no offset and includes an integrated spacer on the end to allow a full range of motion. Will not work with Watts link style rear end. Choose from polished or black anodized.

TIP3630

TIP3632

Part No.	Description
Polished	
TIP3630	Left Rear, 11-1/8" Center of Torsion Hole to End
TIP3631	Right Rear, 9-1/2" Center of Torsion Hole to End
Black	
TIP3632	Left Rear, 9-1/2" Center of Torsion Hole to End
TIP3633	Right Rear, 9-1/2" Center of Torsion Hole to End, 2024

Steel Torsion Arm Shock Stud with Nuts *TIP3640*

Steel stud is 2" long with 3/8"-24 threads. Sold complete with (2) nylon insert nuts.

600 Mini Sprint Radius Rods and Accessories

600 Mini Sprint Battery Box *TIP3800*

Lightweight aluminum battery box installs easily into the floor pan with included quick fasteners. Easy-to-assemble box accepts most popular batteries. 4" width x 4" height x 6-1/2" length.

Radius Rods

Rigid aluminum radius rods include 7/16" threads. Choose from polished or black anodized finish.

Part No.	Description
TIP3702-20	Left Rear, 20" Long, Black, Each
TIP3702-21	Right Rear, 21" Long, Black, Each
TIP3706-20	Left Rear, 20" Long, Polished, Each
TIP3706-21	Right Rear, 21" Long, Polished, Each

Front/Panhard Adjuster Rod

Part No.	Description
Front Radius Rods	
TIP3704-155	15-1/2" Long, 3/8" Threads, Polished, Each
TIP3704-145	14-1/2" Long, 3/8" Threads, Polished, Each

600 Mini Sprint Radius Rods and Accessories

Panhard Height/Shifter 4-1/2" Long Linkage Rod *TIP3704-45*

Part of our new panhard rear end package that connects the bell crank to the panhard slider sleeve via 3/8" aluminum rod ends.

20" Long Brake Rod *TIP3710-20*

Manufactured from 4130 chrome moly steel, right rear brake rod is designed to help stabilize the rear axle assembly. Significantly more durable than aluminum units, brake rod is 20" long with welded/threaded 7/16" inserts.

600 Mini Sprint Rod Ends

Choose from a variety of popular rod ends. Rod ends feature nylon inserts for added durability.

Part No.	Description
3/8"-24	
TIP3750	RH Thread, Nickel-Plated, Each
TIP3751	LH Thread, Nickel-Plated, Each
7/16"-20	
TIP3752	LH Thread, 3-Pc., Black Anodized, Each
TIP3753	RH Thread, 3-Pc., Black Anodized, Each
TIP3756	LH Thread, Nickel-Plated, Each
TIP3757	RH Thread, Nickel-Plated, Each

600 Mini Sprint Jacob's Ladder

Jacob's Ladder is 10-1/4" long. Sold complete with straps. Choose from chrome or black finish.

Part No.	Description
TIP3960	Chrome
TIP3962	Black

600 Mini Sprint Rear Sprockets

Sprockets are manufactured from hardened aluminum for improved durability without added weight. Sprockets feature 5.25" bolt circle with 5/16" pre-drilled holes. Fits Triple X and other mini sprint sprocket hubs.

Part No.	5.25" Bolt Circle	Part No.	5.25" Bolt Circle
TIP3840-35	35T	TIP3840-62	62T
TIP3840-36	36T	TIP3840-63	63T
TIP3840-37	37T	TIP3841-40	40T
TIP3840-38	38T	TIP3841-41	41T
TIP3840-39	39T	TIP3841-42	42T
TIP3840-40	40T	TIP3841-43	43T
TIP3840-41	41T	TIP3841-44	44T
TIP3840-42	42T	TIP3841-45	45T
TIP3840-43	43T	TIP3841-46	46T
TIP3840-44	44T	TIP3841-47	47T
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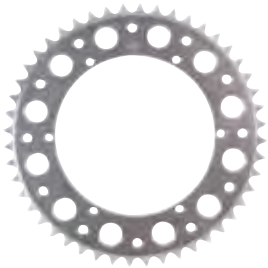
TIP3840-55	55T	TIP3841-58	58T
TIP3840-56	56T	TIP3841-61	61T
TIP3840-57	57T	TIP3841-62	62T
TIP3840-58	58T	TIP3841-63	63T
TIP3840-61	61T		

TIP3840-35



TIP3841-48

600 Mini Sprint Wing Tree and Mounts

Top Wing Posts

Manufactured from 4130 chrome moly steel for maximum durability. Sold individually. Choose from chrome plated or black finished.

Part No.	Description
8" Long	
TIP3760	3/4" Dia. x .065" Wall, Chrome, Each
TIP3761	3/4" Dia. x .065" Wall, Black, Each
TIP3765	With Sealed Roller Bearings, 3/4" Dia. x .065" Wall, Chrome, Each
TIP3766	With Sealed Roller Bearings, 3/4" Dia. x .065" Wall, Black, Each

600 Mini Sprint Nose Wing Posts

Part No.	Description
TIP3789	Pinch Clamp, Black Anodized Aluminum, 4.00"W x 1.50"H x 7.00"L
TIP3794	10" Tall Nose Wing Post, Straight, Natural Steel, 4.00"W x 0.80"H x 12.75"L
TIP3795	10" Long Nose Wing Post, Straight, Black Steel, 4.05"W × 1.70"H × 15.80"L
TIP3796	10" Tall Nose Wing Post, Straight, Natural Aluminum, 4.00"W x 1.00"H x 13.00"L

Top Wing Trees

Featuring up to 6" of adjustment through use of 1" adjustment holes, top wing trees are 25" wide x 11" high with a 5/8" upright diameter and .050" upright wall thickness. Constructed from 4130 chrome moly steel, top wing trees are complete with 3/8" wing slider mount. Offered in chrome-plated or black finish.

Part No.	Description
TIP3770	Chrome, Each
TIP3771	Black, Each

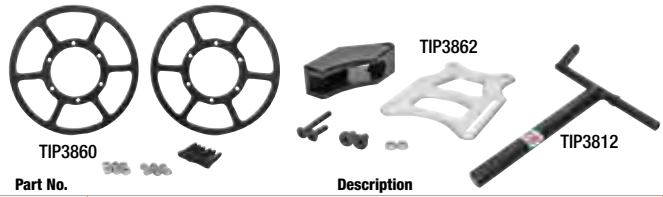
Top Wing Manual Sliders

Top wing manual slider has 1" adjustment holes and offers up to 7" of adjustment for 14"-21" length. Constructed from 3/4" dia. x .050" wall 4130 chrome moly, unit is complete less adjuster pins. Offered in chrome or black.

Part No.	Description
TIP3775	Chrome, Each
TIP3776	Black, Each

600 Mini Sprint Wing Tree and Mounts

600 Mini Sprint Clutch, Chain, and Related Components



Part No.	Description
TIP3810	Clutch Lever, Cable Holder/Adjuster, Clamps to Shifter, 7/8" O.D. Tube, Black
TIP3812	Shift Lever, Fits Left Side of Chassis, 4130 Chrome Moly, Black
TIP3813	Shift Lever to Motor Linkage, Aluminum, 4" Long, Includes (2) Rod Ends and (1) Jam Nut
TIP3815	Throttle Cable, Yamaha R6, 56" Case Length, 66" Cable Length, Aluminum Pinched End
TIP3817	Clutch Cable, Yamaha R6, Micro / Mini
TIP3860	Sprocket/Chain Guide Aluminum Disc 12-1/2"W × 3"H × 12-1/2"L
TIP3862	Sprocket/Chain Guide Kit, Aluminum Bracket, Nylon Block, Mounting Bolts
TIP3864	Chain Tensioner Kit, Double-Roller Style, Includes Bearings, (2) Springs, and (2) Spring Clips
TIP3865	Chain Tensioner Wheel, Roller Bearings, 7/8" Wide
TIP3870	Chain, 130 Link, 520 Pitch, Steel with Gold-Tone Finish, Includes Master Link
TIP3871	Chain Master Link, Rivet-Type
TIP3872	Chain Master Link, Clip-Type

600 Mini Sprint Birdcages

Standard-Style Birdcages

Rigidly constructed, CNC-machined billet aluminum birdcages feature a double-bearing design with a 6" spread between the torsion bar mount and radius rod mount. Sold complete with bearings, snap ring, and bolts. Black anodized finish.

Part No.	Description
TIP3905	Left Side Birdcage, 1-7/8" Axle
TIP3906	Right Side Birdcage, 1-7/8" Axle

Panhard-Style Birdcages

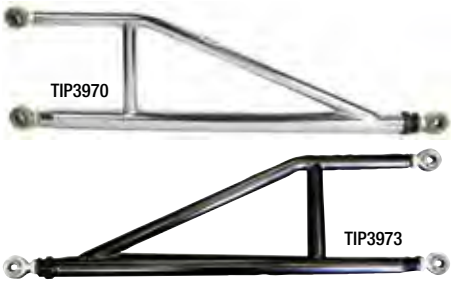
Specifically designed to help maintain the forward bite needed to win, panhard-style birdcages are manufactured from billet aluminum and feature a dual bearing design. Includes dual mounting holes for torsion arm shackle, while the left rear unit is drilled for a panhard clevis. Sold complete with bearings, snap ring, and bolts. Choose from polished or black anodized finished. Double-row splined bearing inserts sold separately.

Part No.	Description
Left Side Birdcages	
TIP3909	1-7/8" Axle, Polished
TIP3911	1-7/8" Axle, Black
Right Side Birdcages	
TIP3910	1-7/8" Axle, Polished
TIP3912	1-7/8" Axle, Black

600 Mini Sprint Birdcages

600 Mini Sprint Panhard Wishbones

Durable 4130 chrome moly panhard wishbones feature a custom rod length adjuster in the front to allow adjustment without the need for removal. Includes rod ends. Choose from chrome or black finish.

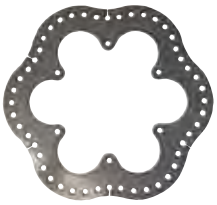


Part No.	Description
Left Side	
TIP3970	17-1/2" Long, 5-1/4" Top-to-Bottom Spread, (2) 7/16" LH Rod Ends Front, (2) 7/16" RH Rod Ends, Chrome
TIP3972	17-1/2" Long, 5-1/4" Top-to-Bottom Spread, (2) 7/16" LH Rod Ends Front, (2) 7/16" RH Rod Ends Rear, Black
Right Side	
TIP3971	18-1/2" Long, 5-1/4" Top-to-Bottom Spread, (2) 7/16" LH Rod Ends Front, (2) 7/16" RH Rod Ends Rear, Chrome
TIP3973	18-1/2" Long, 5-1/4" Top-to-Bottom Spread, (2) 7/16" LH Rod Ends Front, (2) 7/16" RH Rod Ends Rear, Black

600 Mini Sprint Rear End Components

Standard-Style Birdcages

Rigidly constructed, CNC-machined billet aluminum birdcages feature a double-bearing design with a 6" spread between the torsion bar mount and radius rod mount. Sold complete with bearings, snap ring, and bolts. Black anodized finished.



Part No.	Description
TIP3918	Ultra Light Steel Rotor, 9-1/2" O.D. x 1/4" Thick, 6 x 5-1/4" B.C.

Axle Spacers

Engineered for use with 1-7/8" axles, 27-spline spacers are 1-3/4" I.D. and are offered in a variety of widths. Black anodized. Sold each.

Part No.	Description
TIP3930	1/4" Wide
TIP3931	1/2" Wide
TIP3932	34" Wide
TIP3933	1" Wide
TIP3935	2" Wide
TIP3936	2-3/8" Wide
TIP3938	3-1/4" Wide
TIP3940	4-5/8" Wide
TIP3942	7-3/4" Wide

600 Mini Sprint Rear End Components

Axle Spacer Kit *TIP3925*

Axle spacer kit includes (6) standard and (5) tapered spacers to fit 1-7/8" axles. Black anodized aluminum.

Tapered Axle Spacers

Part No.	Description
TIP3945	3/4" Wide
TIP3946	1" Wide
TIP3947	2" Wide

Rear Axle Nuts

TIP3949

Designed for use with 27-spline axles, rear axle nuts are sold in right side (LH thread) and left side (RH thread) versions. Sold each.

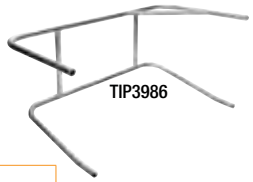
Part No.	Description
TIP3949	Right Side Axle Nut, RH Threads
TIP3950*	Left Side Axle Nut, LH Threads

**** Axle nut has a notch on each corner of the flat sides to identify left-hand threads.***

600 Mini Sprint Bumpers And Nerf Bars

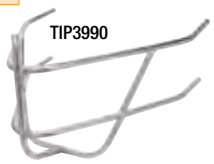
Nerf Steps

Manufactured from durable stainless steel and polished to perfection. Universal design allows mounting to a variety of chassis.



Part No.	Description
TIP3980	Front Bumper
TIP3982	Stacked Front Bumper
TIP3984	Left Nerf Bar, Includes Quick Fastener Tab for Chain Guard
TIP3986	Right Nerf Bar

Rear Bumpers



Part No.	Description
TIP3988	Without Basket
TIP3990	With Basket

Pit Stands For Sprint Car *TIP5414*

These pit stands work great at both the shop or at the track. Black powder-coated steel. Sold in pairs.

Wheel Bead Breaker *TIP8502*

Narrow-jaw breaker for 10" wheels. Black powder-coated steel.

TI22 APPAREL & MORE

Ti22 Logo T-Shirt

Size	Part No.
Small	TIP9140S
Medium	TIP9140M
Large	TIP9140L
X-Large	TIP9140XL
2X-Large	TIP9140XXL
3X-Large	TIP9140XXXL

Ti22 Guy Hats

TIP9070

TIP9074

TIP9076

Size	Part No.
Beanie	
One Size Fits All	TIP9070
Guy Hat	
Large/X-Large	TIP9074
Fitted	
Large/Extra Large	TIP9076LXL

Ti22 Guy Soft Style Shirts

Size	Part No.
Small	TIP9142S
Medium	TIP9142M
Large	TIP9142L
X-Large	TIP9142XL
2X-Large	TIP9142XXL
3X-Large	TIP9142XXXL

Ti22 Sport-Tek Hoodies

Size	Part No.
Small	TIP9210S
Medium	TIP9210M
Large	TIP9210L
X-Large	TIP9210XL
2X-Large	TIP9210XXL
3X-Large	TIP9210XXXL

Ti22 Decal

Size	Part No.
4" x 6", White	TIP0050
6" x 8", Black	TIP0051
12" x 14", White	TIP0060

Ti22 Folding Chair

TIP9240

Comes with a black carrying bag.

Plastic Bags *TIP048*

Set of 25.

74-Series Long Master Cylinder Kits

Tilton's 74-Series Master Cylinder Kits are universal with side or flange mount capability, easy interchange of remote reservoir, and a mounting bracket that adapts large or small reservoir to remote mount. Each master cylinder (5.6" long) kit includes lightweight aluminum master cylinder featuring dual fluid outlets and bleed screws, small (4.0-oz.) and large (10.7-oz.) reservoirs, remote reservoir mount kit, 3/16" inverted flare and -3AN adapter fittings. Outlet size is -3AN, 3/8"-24 thread.

Description	Universal Master Cylinder Kit	Master Cylinder Only	Rebuild Kit
3/4" Bore Master Cylinder	TIL74-750U	TIL74-750	TIL74-750RK
13/16" Bore Master Cylinder	TIL74-812U	—	TIL74-812RK
7/8" Bore Master Cylinder	TIL74-875U	TIL74-875	TIL74-875RK
1" Bore Master Cylinder	TIL74-1000U	TIL74-1000	TIL74-1000RK
1-1/8" Bore Master Cylinder	TIL74-1125U	—	—

73-Series High-Volume Integral Reservoir Master Cylinders

Die-cast aluminum master cylinders with internal baffling have a leak-free, integral reservoir with a large, 10-ounce capacity. Cylinders have a reliable seal/piston and a 1/8" NPT outlet port that is shrouded underneath the reservoir to minimize fitting damage in a crash.

Part No.	Description
TIL73-750	3/4" Bore
TIL73-875	7/8" Bore
TIL73-1000	1" Bore

74 and 75 Series Master Cylinder Replacement Parts

Tilton Brake offers quality replacement master cylinder components.

TIL74-200

TIL74-203

TIL74-207

Part No.	Description
TIL73-820	-3AN Male Union
TIL74-200	Inlet Fitting
TIL74-202	Small Reservoir (4.0 oz.)
TIL74-203	Medium Reservoir (6.8 oz.)
TIL74-204	Large Reservoir (10.7 oz.)
TIL74-207	Reservoir Cap
TIL74-208	Clamp, Each
TIL74-212	Reservoir Adapter
TIL74-212-A	O-Ring for Master Cylinder
TIL74-214	24" Rubber Hose
TIL74-400	Push Rod (74 Series Only)
TILTE2089-188L	3/16" Inverted Flare to -3AN Male Fitting

TIL74-208

75-Series Short Master Cylinder Kits

Kits have many of the same master cylinder features as the 74-Series, but with a shorter body length (3.2") for mounting in tight areas. Each kit includes black anodized, aluminum master cylinder with small (4-oz.) and medium (6.8-oz.) reservoirs, remote reservoir mounting kit and required fittings. Outlet size is -3AN, 3/8"-24 thread.

Description	Universal Master Cylinder Kit	Rebuild Kit
5/8" Bore Master Cylinder	TIL75-625U	TIL75-625RK
7/10" Bore Master Cylinder	TIL75-700U	—
3/4" Bore Master Cylinder	TIL75-750U	TIL75-750RK
13/16" Bore Master Cylinder	TIL75-812U	TIL75-812RK
7/8" Bore Master Cylinder	TIL75-875U	TIL75-875RK
1" Bore Master Cylinder	TIL75-1000U	TIL75-1000RK

Brake Proportioning Valves

TIL90-1000

Adjustable hydraulic brake proportioning valves allow adjusting brake forces to a particular wheel or wheels. Lever-type model provides visual reference for seven distinctive reduction positions, while the screw-type unit allows fine adjustments of brake reduction.

Part No.	Description
TIL90-1000	Lever-Type Proportioning Valve, -3AN Ports
TIL90-1003	Lever-Type Proportioning Valve, 10mm x 1.0 Ports
TIL90-2000	Screw-Type Proportioning Valve, -3AN Ports

Balance Bar *TIL72-250*

Balance bar works better than rod end-style bars. Heat-treated, rolled-thread pivot bar has a 2-1/2" center-to-center measurement and can be adapted to current pedals or used to improve and update other manufacturers' products. Works with TIL72-508 adjuster. 3/8"-24 thread.

Remote Brake Bias Adjusters

TIL72-508

Adjusters mount on balance bar so driver can quickly adjust brake bias. Standard model adjusters include a finger-grooved plastic adjustment knob and a vibration-resistant, spring-loaded detent. Available for use with 3/8" and 7/16" balance bars.

Part No.	Description
TIL72-508	Standard Model Brake Bias Adjuster, 3/8"-24 or 7/16"-20
TIL72-560	Right Angle Coupler, Prevents Adjuster Cable From Interfering with Clutch/Throttle, 3/8"-24 Thread

TIL72-560

Racing Brake Fluid *TILTBR-1*

Designed for the semi-professional racer or hobby racer, fluid has a dry boiling point of 590°F and is well suited to super late models, late model stocks, SCCA road racing, etc. Sold in 8.5-oz. bottle.

Torco®

TR-1 Racing Oils

TR-1 oils reduce friction, wear and deposits for longer engine life, and are formulated for all 4-, 6-, and 8-cylinder high-performance engines. Lightweight 10W40 and 20W50 oils add 8 to 12 more horsepower and up to 40% more wear protection than other oils of equal viscosity. The 60W oil delivers maximum wear protection for prolonged high temperature operation. Sold in liter bottles, or in cases. Not API certified.

Description	1-Liter Bottle	Case of (12) 1-Liter Bottles
10W40	TRCA141040CE	TRCA141040C
20W50	TRCA142050CE	TRCA142050C

TR-1R Racing Oils

MPZ-fortified oils reduce friction, wear, and deposits for longer engine life, and are formulated for all 4-, 6-, and 8-cylinder high-performance engines. Lightweight 10W40 and 20W50 oils add 8 to 12 more horsepower and up to 40% more wear protection than similar oils. Sold in one-liter bottles, or in cases. Not API certified.

Description	1-Liter Bottle	Case of (12) 1-Liter Bottles
10W40	TRCA141040CE	TRCA141040C
20W50	TRCA142050CE	TRCA142050C

SR-1 Synthetic Oils

Specially-blended 100% synthetic oils are engineered specifically for racing applications and include Generation-2 MPZ frictional loss technology combined with proprietary additives. SR-1 oils provide increased horsepower and torque, while offering improved durability. Sold in liter bottles, or in cases. Not API certified.

Description	1-Liter Bottle	Case of (12) 1-Liter Bottles
5W30	TRCA160530CE	TRCA160530C
5W50	—	TRCA150550C
10W30	—	TRCA161033C
10W40	—	TRCA161044C

SR-1R Synthetic Oils

Engineered specifically for racing applications and include Generation-2 MPZ frictional loss technology combined with proprietary additives, SR-1 oils provide increased horsepower, torque, and wear-resistance. Sold in one-liter bottles, or in cases. Non-API certified.

Description	1-Liter Bottle	Case of (12) 1-Liter Bottles
5W30	TRCA160530CE	TRCA160530C
10W30	—	TRCA161033C
10W40	—	TRCA161044C

ZEP High-Performance Engine Protector

Supplemental engine oil additive, ZEP (Zinc Enhanced Engine Protector) includes a balance of molybdenum, phosphorous, and zinc, additives that have been recently removed from all API SL and SM motor oils. Sold in 12-oz. bottles, or in cases.

12-oz. Bottle	Case of (12) 12-oz. Bottles
TRCA010033LE	TRCA010033L

SR-5 Synthetic Racing Oils

SR-5 racing oils are formulated with a balanced blend of high-performance additives including liquid moly, phosphorus, and zinc to provide superior protection from friction, wear, and extreme pressure. Synthetic racing oils will withstand tremendous heat and provide a thick protective oil film on bearings, crankshafts, pistons and valve train parts. Sold in liter bottles, or in cases. Not API certified.

Description	1-Liter Bottle	Case of (12) 1-Liter Bottles
5W30	TRCA150530CE	TRCA150530C
5W40	TRCA150540CE	TRCA150540C
20W50	—	TRCA152050C

TBO Premium Break-In Oils

Hydro-processed petroleum base stocks are engineered to aid break-in of camshaft and lifters and promote ring seating. A high zinc content protects critical engine components during initial start-up. Oil is ideal for breaking in engines prior to switching to synthetic oils. Sold in liter bottles, or in cases. Not API certified.

Description	1-Liter Bottle	Case of (12) 1-Liter Bottles
30W	TRCA100030CE	TRCA100030C
40W	TRCA100040CE	TRCA100040C

RGO Racing Gear Oils

RGO provides superior adhesive strength and extreme anti-score protection. Additives prevent wear and reduce heat, friction and noise, while providing positive operation of limited slip and positive traction differentials. Sold in liter bottles, or in cases.

Description	1-Liter Bottle	Case of (12) 1-Liter Bottles
80W90	TRCA248090CE	TRCA248090C
85W140	TRCA248514CE	TRCA248514C

SGO Synthetic Racing Gear Oils

Torco synthetic hypoid gear oils provide maximum protection and performance under the most demanding conditions. Gear oils exceed all requirements for wear protection while reducing friction and temperatures. Sold in liter bottles, or in cases.

Description	1-Liter Bottle	Case of (12) 1-Liter Bottles
75W90	TRCA257590CE	TRCA257590C
75W140	TRCA257514CE	TRCA257514C

MPZ Engine Assembly Lube

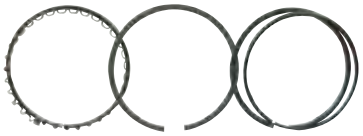
MPZ is a concentrate of oil-soluable molybdenum, phosphorus, and zinc, fortified with polymers and a high-polarity phosphorous to create a magnetic attraction to metal. Use MPZ to pre-lube cylinders, pistons, wrist pins, cams, lifters, etc. Sold in 4-oz. tubes, 12-oz. bottles, or in cases.

Description	4-oz.	Case of (12) 4-oz. Tubes
Tube	TRCA550055JE	TRCA550055J

Description	12-oz.	Case of (12) 12-oz. Bottles
12-oz. Bottle	TRCA550055KE	TRCA550055K

TOTAL SEAL PISTON RINGS

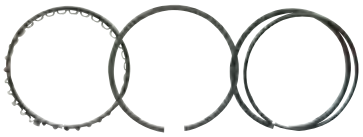
Gapless AP Steel Top Ring File-Fit Piston Ring Sets



Eight-cylinder sets have AP (Advanced Profiling) steel top rings with extremely tight tolerances for improved combustion sealing. Sets include AP gapless top rings, conventional second rings, and standard-tension oil rings. Instructions for file-fitting included.

Bore Size	Gapless Top Ring	Conventional Second Ring	3-Pc. Oil Ring	Ring Set
4.030"	1/16" AP	1/16"	3/16"	TOTMS3690-35
4.125"	1/16" AP	1/16"	3/16"	TOTMS0690-5
4.165"	1/16" AP	1/16"	3/16"	TOTMS0690-45

Gapless® Top Ring File Fit Piston Ring Sets



Independent dyno tests proved that the Total Seal Gapless® top ring sets can deliver more horsepower and torque than conventional piston rings. File fit ring sets include Maxseal ductile iron Gapless® top rings, conventional second rings, and standard or special, low-tension oil rings for eight cylinders. Low-tension ring sets deliver a 25% reduction in tension when compared to standard oil rings. All sets listed below require file fitting.

Bore Size	Gapless® Top Ring	Conventional Second Ring	3-Pc. Oil Ring	Ring Set
4.030"	1/16"	1/16"	3/16" (Std.)	TOTM3690-35
4.030"	1/16"	1/16"	3/16" (Low)	TOTML3690-35*
4.040"	1/16"	1/16"	3/16" (Std.)	TOTM3690-45
4.060"	1/16"	1/16"	3/16" (Std.)	TOTM3690-65
4.125"	1/16"	1/16"	3/16" (Std.)	TOTM0690-5
4.155"	1/16"	1/16"	3/16" (Std.)	TOTM0690-35
4.155"	1/16"	1/16"	3/16" (Low)	TOTML0690-35*
4.165"	1/16"	1/16"	3/16" (Std.)	TOTM0690-45
4.165"	1/16"	1/16"	3/16" (Std.)	TOTM0690-45

**** Sets include low-tension oil rings for racing applications only!***

Classic AP Steel Top Ring File-Fit Piston Ring Sets

Instead of the gapless top or second ring, sets include conventional AP (Advanced Profiling) steel top rings, with extremely tight tolerances for superior compression sealing. Sets include AP top rings, conventional second rings, and three-piece, standard-tension oil rings. All sets are for eight cylinders. Instructions for file-fitting included.

Bore Size	AP Steel Top Ring	Conventional Second Ring	3-Pc. Oil Ring	Ring Set
4.030"	1/16"	1/16"	3/16"	TOTCS3690-35
4.125"	1/16"	1/16"	3/16"	TOTCS0690-5
4.155"	1/16"	1/16"	3/16"	TOTCS0690-35
4.185"	1/16"	1/16"	3/16"	—

QuickSeat *TOTQS*

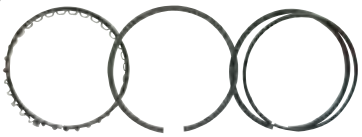
A dry film powder, QuickSeat aids piston ring seating. Sold in two-gram containers.

Piston Ring Squaring Tool

Guaranteed to be flat and parallel within .001". Install piston ring in the cylinder and push the ring down into the bore with the tool. It will place the ring squarely in the cylinder so that end gap can be precisely checked when filing rings.

Part No.	Description
TOT08910	4.000"-4.085" Bore
TOT08915	4.125"-4.200" Bore

TS1 Gapless® Second Ring File-Fit Piston Ring Sets

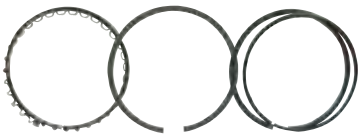


Eight-cylinder sets are ideal for racing engines and include ductile iron conventional top rings, Gapless® second rings, and standard-tension or Gold Power low-tension oil rings. Gold Power low-tension oil ring sets offer a 40% reduction in tension compared to standard oil rings. All sets listed require file fitting.

Bore Size	Ductile Iron Top Ring	Gapless® Second Ring	3-Pc. Oil Ring	Ring Set
4.030"	1/16"	1/16"	3/16" (Standard)	TOTT3690-35
4.040"	1/16"	1/16"	3/16" (Standard)	TOTT3690-45
4.060"	1/16"	1/16"	3/16" (Gold Power)	TOTTG3690-65*
4.125"	1/16"	1/16"	3/16" (Standard)	TOTT0690-5
4.125"	1/16"	1/16"	3/16" (Gold Power)	TOTTG0690-5*
4.135"	1/16"	1/16"	3/16" (Standard)	TOTT0690-15
4.145"	1/16"	1/16"	3/16" (Standard)	TOTT0690-25
4.155"	1/16"	1/16"	3/16" (Standard)	TOTT0690-35
4.165"	1/16"	1/16"	3/16" (Standard)	TOTT0690-45
4.165"	1/16"	1/16"	3/16" (Gold Power)	TOTTG0690-45 *

**** Sets include low-tension oil rings for racing applications only!***

TS1 Gapless® Second Ring Standard Gap Piston Ring Sets



The same TS1 eight-cylinder piston ring sets, but file-fitting is not required. Sets include conventional ductile iron top rings, Gapless® second rings, and standard-tension oil rings.

Bore Size	Ductile Iron Top Ring	Gapless® Second Ring	3-Pc. Oil Ring	Ring Set
4.030"	1/16"	1/16"	3/16"	TOTT3690-30
4.155"	1/16"	1/16"	3/16"	TOTT0690-30

Dual Leakdown Tester *TOT14MMLDT*

Locate leaking head gaskets, valves, or piston rings. Tester has large, easily read gauges, a 14mm hose, and an adjustable left-hand gauge with precise regulator.

Assembly Lube *TOTAL8*

Engineered by Total Seal to deliver proper lubrication during initial start-up and break-in. Lubricant mixes with break-in oil and extends film thickness. May also be added to regular oil to increase film thickness. Sold in 8-oz. bottle.

Chrome-Moly Pushrods

Trend offers 5/16", 3/8", and 7/16" diameter chrome-moly pushrods in a variety of wall thicknesses. Pushrods are manufactured from seamless SAE 4130 chrome-moly tubing that is centerless-ground and satin finished. Pushrods feature 5/16" diameter ball ends that are held to tolerances of +/- .001" and include 210° of operating clearance. All pushrods listed are sold each.

Length	5/16" Dia. .080" Wall	5/16" Dia. .105" Wall .210" Radius	3/8" Dia. .080" Wall	3/8" Dia. .135" Wall 210° Radius	7/16" Dia. .165" Wall 210° Radius
6.200"	TDPT620805	—	—	—	—
6.250"	TDPT625805	—	—	—	—
6.300"	TDPT630805	—	—	—	—
6.350"	TDPT635805	—	—	—	—
6.400"	TDPT640805	—	—	—	—
6.450"	TDPT645805	—	—	—	—
6.500"	TDPT650805	—	—	—	—
6.550"	TDPT655805	—	—	—	—
6.600"	TDPT660805	—	—	—	—
6.650"	TDPT665805	—	—	—	—
6.700"	TDPT670805	—	—	—	—
6.750"	TDPT675805	—	—	—	—
6.800"	TDPT680805	—	—	—	—
6.850"	TDPT685805	—	—	—	—
6.900"	TDPT690805	—	—	—	—
6.950"	TDPT695805	—	—	—	—
7.000"	TDPT700805	—	—	—	—
7.050"	TDPT705805	TDPT7051055	—	—	—
7.100"	TDPT710805	TDPT7101055	—	—	—
7.150"	TDPT715805	TDPT7151055	—	—	—
7.200"	TDPT720805	TDPT7201055	—	—	—
7.250"	TDPT725805	—	—	—	—
7.300"	TDPT730805	—	—	—	—
7.325"	TDPT7325805	—	—	—	—
7.350"	TDPT735805	TDPT7351055	—	—	—
7.375"	TDPT7375805	—	—	—	—
7.400"	TDPT740805	TDPT7401055	—	—	—
7.425"	TDPT7425805	—	—	—	—
7.450"	TDPT745805	—	—	—	—
7.500"	TDPT750805	—	TDPT750803	—	—
7.550"	TDPT755805	TDPT7551055	TDPT755803	—	—
7.600"	TDPT760805	—	TDPT760803	—	—
7.650"	TDPT765805	—	TDPT765803	—	—
7.700"	TDPT770805	TDPT7701055	TDPT770803	—	—
7.750"	TDPT775805	TDPT7751055	TDPT775803	—	—
7.800"	TDPT780805	TDPT7801055	TDPT780803	TDPT7801353	—
7.850"	TDPT785805	TDPT7851055	TDPT785803	TDPT7851353	—
7.900"	TDPT790805	TDPT7901055	TDPT790803	TDPT7901353	—
7.950"	TDPT795805	TDPT7951055	TDPT795803	TDPT7951353	—
8.000"	TDPT800805	TDPT8001055	TDPT800803	TDPT8001353	TDPT8001657DT
8.025"	TDPT8025805	—	—	—	TDPT80251657DT
8.050"	TDPT805805	TDPT8051055	TDPT805803	TDPT8051353	TDPT8051657DT
8.075"	TDPT8075805	—	—	—	TDPT80751657DT
8.100"	TDPT810805	TDPT8101055	TDPT810803	TDPT8101353	TDPT8101657DT
8.125"	TDPT8125805	—	—	—	—
8.150"	TDPT815805	TDPT8151055	TDPT815803	TDPT8151353	TDPT8151657DT
8.175"	TDPT8175805	—	TDPT8175803	—	TDPT81751657DT
8.200"	TDPT820805	TDPT8201055	TDPT820803	TDPT8201353	TDPT8201657DT
8.225"	TDPT8225805	—	TDPT8225803	—	—
8.250"	TDPT825805	—	TDPT825803	TDPT8251353	TDPT8251657DT
8.275"	TDPT8275805	—	—	—	TDPT82751657DT
8.280"	—	—	TDPT828803	TDPT8281353	—

Length	5/16" Dia. .080" Wall	5/16" Dia. .105" Wall .210" Radius	3/8" Dia. .080" Wall	3/8" Dia. .135" Wall 210° Radius	7/16" Dia. .165" Wall 210° Radius
8.300"	TDPT830805	—	TDPT830803	TDPT8301353	TDPT8301657DT
8.325"	—	—	TDPT8325803	—	—
8.350"	TDPT835805	—	TDPT835803	TDPT8351353	TDPT8351657DT
8.375"	TDPT8375805	—	—	—	—
8.380"	—	—	TDPT838803	TDPT8381353	—
8.400"	TDPT840805	—	TDPT840803	TDPT8401353	TDPT8401657DT
8.425"	—	—	TDPT8425803	—	TDPT84251657DT
8.450"	TDPT845805	—	TDPT845803	TDPT8451353	TDPT8451657DT
8.475"	—	—	—	—	TDPT84751657DT
8.500"	TDPT850805	—	TDPT850803	TDPT8501353	TDPT8501657DT
8.525"	—	—	—	—	TDPT85251657DT
8.550"	TDPT855805	—	TDPT855803	TDPT8551353	TDPT8551657DT
8.600"	TDPT860805	—	TDPT860803	TDPT8601353	TDPT8601657DT
8.650"	TDPT865805	—	TDPT865803	TDPT8651353	TDPT8651657DT
8.675"	—	—	—	—	TDPT86751657DT
8.680"	—	—	TDPT868803	TDPT8681353	—
8.700"	TDPT870805	—	TDPT870803	TDPT8701353	TDPT8701657DT
8.750"	TDPT875805	—	TDPT875803	TDPT8751353	TDPT8751657DT
8.775"	—	—	—	—	TDPT87751657DT
8.780"	—	—	—	TDPT8781353	—
8.800"	TDPT880805	—	TDPT880803	TDPT8801353	TDPTv8801657DT
8.825"	—	—	—	—	TDPT88251657DT
8.850"	TDPT885805	—	TDPT885803	TDPT8851353	TDPT8851657DT
8.875"	—	—	—	—	TDPT88751657DT
8.900"	TDPT890805	—	TDPT890803	TDPT8901353	TDPT8901657DT
8.925"	—	—	—	—	TDPT89251657DT
8.950"	TDPT895805	—	TDPT895803	TDPT8951353	TDPT8951657DT
8.975"	—	—	—	—	TDPT89751657DT
9.000"	TDPT900805	—	TDPT900803	TDPT9001353	TDPT9001657DT
9.025"	—	—	—	—	TDPT90251657DT
9.050"	TDPT905805	—	TDPT905803	TDPT9051353	TDPT9051657DT
9.075"	—	—	—	—	TDPT90751657DT
9.100"	TDPT910805	—	TDPT910803	TDPT9101353	TDPT9101657DT
9.125"	—	—	—	—	TDPT91251657DT
9.150"	TDPT915805	—	TDPT915803	TDPT9151353	TDPT9151657DT
9.175"	—	—	—	—	TDPT91751657DT
9.200"	TDPT920805	—	TDPT920803	TDPT9201353	TDPT9201657DT
9.225"	—	—	—	—	TDPT92251657DT
9.250"	TDPT925805	—	TDPT925803	TDPT9251353	TDPT9251657DT
9.275"	—	—	—	—	TDPT92751657DT
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9.325"	—	—	—	—	TDPT93251657DT
9.350"	TDPT935805	—	TDPT935803	TDPT9351353	TDPT9351657DT
9.375"	—	—	—	—	TDPT93751657DT
9.400"	TDPT940805	—	TDPT940803	TDPT9401353	TDPT9401657DT
9.425"	—	—	—	—	TDPT94251657DT
9.450"	TDPT945805	—	TDPT945803	TDPT9451353	TDPT9451657DT
9.475"	—	—	—	—	TDPT94751657DT
9.500"	TDPT950805	—	TDPT950803	TDPT9501353	TDPT9501657DT
9.525"	—	—	—	—	TDPT95251657DT
9.550"	—	—	TDPT955803	TDPT9551353	TDPT9551657DT
9.575"	—	—	—	—	TDPT95751657DT

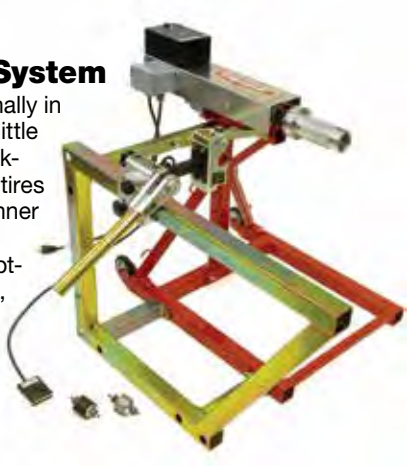
Chrome-Moly Pushrods

Trend offers 5/16", 3/8", and 7/16" diameter chrome-moly pushrods in a variety of wall thicknesses. Pushrods are manufactured from seamless SAE 4130 chrome-moly tubing that is centerless-ground and satin finished. Pushrods feature 5/16" diameter ball ends that are held to tolerances of +/- .001" and include 210° of operating clearance. All pushrods listed are sold each.

Length	5/16" Dia. .080" Wall	5/16" Dia. .105" Wall .210" Radius	3/8" Dia. .080" Wall	3/8" Dia. .135" Wall 210° Radius	7/16" Dia. .165" Wall 210° Radius
9.750"	—	—	TDPT975803	TDPT9751353	TDPT9751657DT
9.775"	—	—	—	—	TDPT97751657DT
9.800"	—	—	TDPT980803	—	TDPT9801657DT
9.825"	—	—	—	—	TDPT98251657DT
9.850"	—	—	TDPT985803	—	TDPT9851657DT
9.900"	—	—	TDPT990803	—	TDPT9901657DT
9.950"	—	—	TDPT995803	—	TDPT9951657DT

The Complete Ultimate Siping System

Sipe dirt tires professionally in literally minutes and with little effort. The Sprint Car Package for use on Sprint Car tires includes the Ultimate Spinner along with the addition of the necessary wheel adapter, gear head, main frame, and medium (69"-94" tires) or long (87"-113" tires) length legs, necessary ring cutter, and horizontal cutting heads.



Sprint Car Package
TRPTRI-US-SPRINT-KIT

Includes:	
TRPTRI-USP-1	Ultimate Spinner
TRPTRI-USP-SPR	Sprint Spline Hub Wheel Adapter
TRPTRI-US-1	Ultimate Siper Gear Headv
TRPTRI-US-F-STD-1	Ultimate Siper Frame with Long Length Legs (87"-113" Tires)
TRPTRI-US-HS188-125X	X-Series Horizontal Cutter (3/16" Spacing/1/8" Depth)
TRPTRI-US-RS-188-125X	Ring Cutter (3/16" Spacing/1/8" Depth)
Replacement/Accessory System Components	
TRPTRI-US-1	Ultimate Siper Gear Head
TRPTRI-US-F-STD-1	Main Frame Only, Purchase Legs Separately
TRPTRI-US-FL-STD-M	Medium Length Siper Legs, 69"-94" Circumference Tires
TRPTRI-US-FL-STD-L	Long Length Siper Legs, 87"-113" Circumference Tires

Horizontal Cutter Blades

Sold in packs of fifty.

TRPTRI-US-HS125X

TRPTRI-US-HS188N

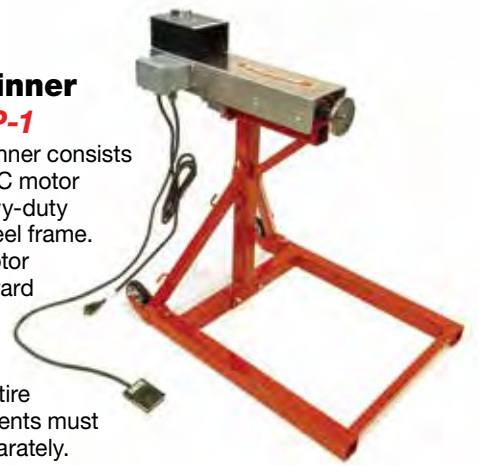
Part No.	Description
X-Series	
TRPTRI-US-HS125X	1/8" Deep
TRPTRI-US-HS188X	3/16" Deep
N-Series	
TRPTRI-US-HS188N	3/16" Deep

Needler *TRPTRI-US-NEED*

Complete Ultimate Siping System accessory allows the needling of tires.

Ultimate Spinner
TRPTRI-USP-1

The Ultimate Spinner consists of a high-torque DC motor mounted to a heavy-duty powder-coated steel frame. Variable speed motor includes both forward and reverse DC drive, and is fitted with a rigid, 1" dia. shaft. Specialized tire mounting attachments must be purchased separately.



Part No.	Description
Tire Mounting Attachments	
TRPTRI-USP-W5	Wide 5
TRPTRI-USP-5x5	5 x 5
TRPTRI-USP-SPR	Sprint

N- and X-Series Cutters

N-Series cutters utilize a narrow tread block design, well suited to UMP/IMCA Modifieds, while the X-Series includes a wider tread block for Late Models or Sprints.

TRPTRI-US-RS-188-125X

TRPTRI-US-RS-188-188N

	Spacing	Depth
X-Series		
TRPTRI-US-RS-188-125X	3/16"	1/8"
N-Series		
TRPTRI-US-RS-188-188N	3/16"	3/16"

Horizontal Cutters

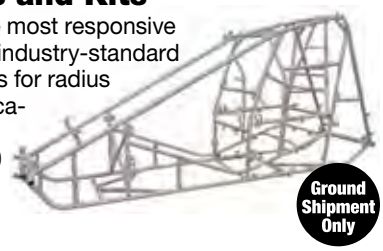
Part No.	Spacing	Depth
X-Series		
TRPTRI-US-HS188-125X	3/16"	1/8"

Replacement Ring Cutter Blades
TRPTRI-US-RS

Sold in 10-packs.

Sprint Car Chassis and Kits

Triple X Sprint Cars are the most responsive chassis on the market, with industry-standard locations and measurements for radius rod pickups, torsion tube locations, motor plate location, etc. Sold in 87/40 and 88/40 configurations. Available as bare chassis, chassis/body kits, and racer kits.



Part No.	Description
Bare Chassis	
TXRSC-CH-1000-87-2H	X-Wedge Design, 87"
TXRSC-CH-1000-88-2H	X-Wedge Design, 88"

Part No.	Description
Chassis with Body & Tin Kit	
TXRSC-CH-1001872HOPT17	Inside the Rail Hood, 87", Black
TXRSC-CH-1001872HOPT18	Inside the Rail Hood, 87", White

Part No.	Description
Racer Kit	
TXRSC-CH-1003872HBLK	X-Wedge Cage, 87", White

AUS-TAF Designed Raised Rail Sprint Car Chassis

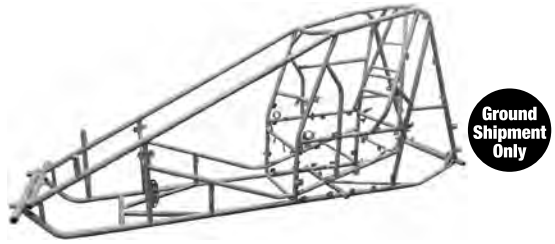
TXRSC-CH-1000872HF3HB

This cage design is 2" taller at the front of the cockpit, and 3" taller at the back of the cockpit (over a standard height chassis). This gives additional headroom of about 1-1/2" over the WEDGE chassis (and 2-1/2" over a standard height chassis). Comes with a loose (not welded in) cage-forward halo (SC-CH-0021). Chassis comes with engine enclosure panel quick-turn fastener tabs, long rear radius rod mounts, and multiple spuds for correct seat mounting, as well as seat belt gussets to ensure proper belt angle.

Part No.	Description
Arm Guards For AUS-TAF Chassis Only	
TXRSC-BW-5517	Left Side Arm Guard, White
TXRSC-BW-5517BLK	Left Side Arm Guard, Black
TXRSC-BW-5528	Right Side Arm Guard, White
TXRSC-BW-5528BLK	Right Side Arm Guard, Black

Non-Wing Sprint Car Chassis Wedge Design

Constructed from 4130 chromoly tubing, this bare frame is shipped with loose halo for later installation if needed. The 87" wedge design is 2" taller at the rear of the cage with standard height at the front and has a 40" motor setback.



Part No.	Description
TXRSC-CH-1000872HNW	Chassis Bare, Non-Wing 87-40
TXRSC-CH-1001872HNWP17	Inside the Rail Hood, 87", Black

Jacob's Ladder

13-5/8" Jacob's ladder includes choice of standard straps or no straps (nuts and bolts not included.) Plated and jig-built for quality and exact fit. CNC-machined lightweight straps are also available. Offered in polished or black finishes.

TXRSC-SU-0004-BLK

Description	Polished	Black
13-5/8" with No Straps	TXRSC-SU-0002	TXRSC-SU-0002-BLK
13-5/8" with Standard Straps	TXRSC-SU-0004	TXRSC-SU-0004-BLK
14" with No Straps	TXRSC-SU-0006	TXRSC-SU-0006-BLK
14" with Standard Straps	TXRSC-SU-0008	TXRSC-SU-0008-BLK
Ladder Straps	TXRSC-SU-0009	TXRSC-SU-0009-BLK

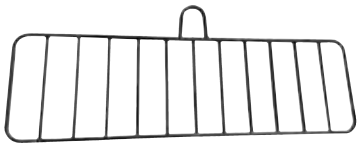
Jacob's Ladder Components

TXRSC-SU-3894CF
TXRSC-SU-4902
TXRSC-SU-5773

Black	Description
TXRSC-SU-3894CF	Jacob's Ladder Cover, Carbon Fiber
TXRSC-SU-5773	Jacob's Ladder Spacer, Each
TXRSC-SU-4905	Ladder Strap Bolt Kit
TXRSC-SU-4902	With Grade 5 Titanium Pins, 3/8" x 3-3/4"
TXRSC-SU-4903	With Steel Pins, 3/8" x 3-3/4"

Driver Rock Screen

TXRSC-CH-0157



Mandrel bent steel screen easily attaches to the roll cage uprights of most all Sprint Car chassis and adds protection for the driver from debris entering the cockpit. Slots are 2" apart.

Part No.	Description
Related Component	
TXRSC-CH-0158BLK	Rock Screen Clamp, Black

Bumpers and Nerf Bars

Front and rear bumpers and nerf bars are CNC-bent and jig-built for quality and exact fit. Front bumpers are available in stainless steel or aluminum. Stainless steel rear bumper has a post and no basket. Post helps keep the push vehicle from jumping the bumper. Nerf bars are shorty style for raised rail chassis.

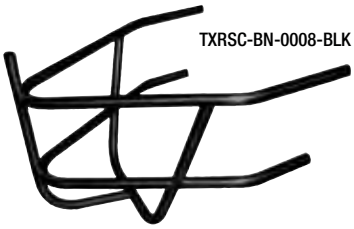
TXRSC-BN-0058

TXRSC-BN-0002-BLK

TXRSC-BN-8749

TXRSPUD-0005

TXRSC-BN-9276-BLK


TXRSC-BN-0008-BLK

Part No.	Description
TXRSC-BN-0001	Right Nerf Bar, Shorty Stainless Steel
TXRSC-BN-0002-BLK	Right Nerf Shorty, Sprint Car, Black
TXRSC-BN-0003	Left Nerf Bar, Shorty, Stainless Steel
TXRSC-BN-0004-BLK	Left Nerf Shorty, Sprint Car, Black
TXRSC-BN-0006-BLK	Rear Bumper, Sprint Car with Brace, Black
TXRSC-BN-0007	Rear Bumper with Basket, Stainless Steel
TXRSC-BN-0008-BLK	Rear Bumper, Sprint Car with Basket, Black
TXRSC-BN-0009	Front Bumper, Aluminum
TXRSC-BN-0010	Front Bumper, Stainless Steel
TXRSC-BN-8749	Front Bumper Stacked, Aluminum
TXRSC-BN-0058	Front Bumper Pretzel, Stainless
TXRSC-BN-0011	Left Nerf Bar, Shorty, Straight Rail, Stainless Steel, Polished
TXRSC-BN-0012	Rear Bumper with Post, Stainless Steel
TXRSC-BN-0013	Right Nerf Bar, Long, Stainless Steel
TXRSC-BN-0014	Left Nerf Bar, Long, Stainless Steel
TXRSC-BN-0018	Rear Bumper with Post, No Diagonal Brace
TXRSC-BN-0019-BLK	Front Stacked Bumper, Sprint Car, Black
TXRSC-BN-0023	Front Bumper, Stacked
TXRSC-BN-0060	Left Nerf, 3-Point
TXRSC-BN-0061	Right Nerf, 3-Point
TXRSC-BN-3472	Bumper and Nerf Bar Bolt Kit
TXRSC-BN-7411-BLK	Left Nerf Shorty, Straight Rail, Black
TXRSC-BN-9276-BLK	Front Bumper, Sprint Car, Black
TXRSC-BN-9852-BLK	Rear Bumper, Sprint Car, No Brace, Black
TXRSPUD-0005	Nerf Bar Spud, Lightened
TXRSPUD-0006	Nerf Bar Spud
TXRSPUD-0102	Spud, 1/2" x 1-1/4" Long
TXRSC-BN-3472	Nerf Bar Bolt Kit, Steel
TXRSC-BN-3500	Nerf Bar Bolt Kit, Titanium

Chassis Components

Items are sold individually.

TXRSC-EG-0012

TXRSC-CH-0006CF

TXRSC-CH-0021

Part No.	Description
Pedals	
TXRSC-CH-0005	Brake Pedal, 4130 Chrome Moly, Black
TXRSC-CH-0006	Gas Pedal, 4130 Chrome Moly, Black
TXRSC-CH-0006CF	Gas Pedal, Carbon Fiber
Chassis Components	
TXRSC-CH-0007	Torque Tube Hoop
TXRSC-CH-0020	Halo, 4130 Chrome Moly
TXRSC-CH-0021	Forward Style Sprint Car Halo
TXRSPUD-0006	Nerf Bar Spud
Motor Plates	
TXRSC-EG-0006	Aluminum Rear Motor Plate
TXRSC-EG-0006-BLK	Aluminum Rear Motor Plate, Black
TXRSC-EG-0012	Aluminum Front Motor Plate, Black
TXRSC-EG-0009BLK	2-Piece Front Motor Plate

Billet Aluminum Steering Clamp

TXRSPUD-8372

This lightweight 2024 billet aluminum upper steering clamp is designed for 2" diameter tubing. Manufactured with 2-7/8" bolt hole spacing.

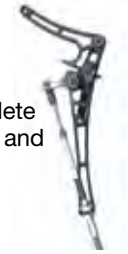
Quick Fasteners and Springs

Triple X offers a complete selection of quick fasteners and related components. Lightweight aluminum oval-head, button-style fasteners are perfect for single panel attachment. Fastener inserts into the spring on the chassis mount for hoods, noses, etc. and secures with just a quick turn of a screwdriver or quick-turn fastener wrench.

Part No.	Description
TXRCH-4401-10	Oval-Head Buttons, .500", 10-Pack
TXRCH-4401-10-BLK	Oval-Head Buttons, .500", 10-Pack, Black
TXRCH-4401-50-BLK	Oval-Head Buttons, .500", 50-Pack, Black
TXRCH-4402	Oval-Head Buttons, .550", Each
TXRCH-4402-10-BLK	Oval-Head Buttons, .550", 10-Pack, Black
TXRCH-4402-50-BLK	Ova-Head Buttons, .550", 50-Pack, Black
TXRCH-4405-10	Large-Head Button, .550", 10-Pack, Aluminum
TXRCH-4405BLK-10	Large-Head Button, .550", 10-Pack, Black
TXRSC-BW-0026	Body Saver, Quick-Fastener Bracket, Protects Body Work
TXRSC-CH-0018-10	Springs, Lightweight Steel, 10-Pack

Positive Cam Lock Shifter

TXRSC-SU-0521



This all black billet aluminum shifter comes complete with all necessary hardware needed for installation and 45" heavy-duty cable.

Radiator Rock Screen

TXRSC-CH-9375

Mandrel-bent steel screen easily attaches to the roll cage uprights of most Sprint Car chassis and helps protect the driver from debris entering the cockpit.

Sprint 50" x 2-1/2" Front Axle

2 1/2" x .095" wall 4130 chromoly (tube) lightweight front axle. Jig-built for exacting quality and fit. Black powder coat or chrome plated.

Part No.	Description
TXRSC-FA-0004	Chrome, Lightweight
TXRSC-FA-0010	Black, Lightweight

Sprint 50" x 2-1/4" Front Axle

Plated 2-1/4" O.D. x .120" wall 4130 chromoly front axle is jig-built for quality and fit. Axle weighs just 14-1/2 pounds, includes threaded Panhard bar stud and threaded shock mounts. Sold individually. Black powder-coated or chrome-plated finish.

Part No.	Description
TXRSC-FA-0002	Chrome, Lightweight
TXRSC-FA-0008	Black, Lightweight

Sprint Car 51" Front Axle

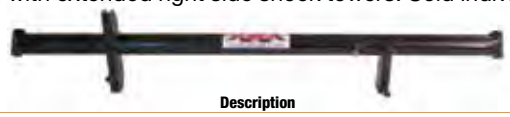
Made from 2-1/2" diameter x 0.095" wall 4130 chromoly steel, this 51" axle is extended one-inch to the right, creating equal side-to-side lengths. 12°/12° right and 8°/9° left kingpin angles maximize handling. King pin bosses are reamed and includes threaded panhard bar stud and threaded shock mounts. Must use 47" tie rods.

Part No.	Description
TXRSC-FA-0021	Chrome
TXRSC-FA-0021BLK	Black

Non-Winged Sprint Front Axle

TXRSC-FA-0013

Chromoly 4130, 2-1/4" x .120" wall front axles are designed for non-winged, dirt coil-over applications. Jig-built axles include a black powder-coated finish. Right-side shock mount is designed for cars with extended right side shock towers. Sold individually.



Description
53" x 2-1/4", Front Axle, Black, Torsion Bar

Sprint Car Rear Axle Spacer Kit

TXRSC-SU-9947

19-piece billet aluminum spacer kit contains all spacers needed to do both sides of the axle. Contents of the kit include (4) 1/4" spacers, (4) 1/2" spacers, (2) bearing shoulders, (2) inner cones, (2) outer cones, (2) 3/4" lightened spacers, (2) 1" lightened spacers, and (1) 2" lightened spacer.

Tel-Tach Mounts

Tel-Tach mount utilizes the stock mounting holes in the back of the tach to mount into the recessed cradle. Once mounted into the dash, only the face of the tach protrudes. Quick-fasteners allow for easy removal when cleaning. Quick-springs are included. Available in aluminum and carbon fiber.

Part No.	Description
TXRSC-BW-0702	Aluminum
TXRSC-BW-0702CF	Carbon Fiber

MSD Box, Tach, and Kill Switch Aluminum Mounting Plate

This aluminum mounting plate allows the MSD ignition box, tachometer, and kill switch to be fastened to the dash with quick-turn fasteners using the stock mounting holes on each component. A clean and simple one-piece design.

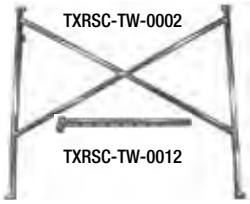
Part No.	Description
TXRSC-BW-0700	Flat Dash
TXRSC-BW-0701	Curved Dash

Carbon Fiber Heel Riser

TXRCH-6335CF

This 1-1/2" tall x 4-1/2" wide heel riser is lighter and stronger than aluminum. Manufactured with a non-skid, grip tape top surface which helps keep driver's feet at the correct angle, eliminating fatigue.

Top Wing Tree



Top wing tree is made from plated 4130 chromoly steel. Tree has 1" adjustment holes with a total of 6" of adjustment. "X" design for lateral and horizontal strength. Sold individually, adjuster pins not included. Trees are offered in polished or black finishes.

Part No.	Description
TXRSC-TW-0002	Polished 18"
TXRSC-TW-0002-BLK	Black 18"
TXRSC-TW-0033	Polished 16"
TXRSC-TW-0033-BLK	Black 16"
TXRSC-TW-0012	Sliders, Plated 4130 Chromoly
TXRSC-TW-0012-BLK	Sliders, Plated 4130 Chromoly, Black

Aero Top Wing Trees

Plated 4130 chromoly top wing trees include aluminum adjusters with 3/4" adjustment holes, and a total of 3" of adjustment. "X" design for lateral and horizontal strength. Trees are offered in polished or black finishes.

Part No.	Description
TXRSC-TW-0011	Polished Top Wing Tree
TXRSC-TW-0011-BLK	Black Top Wing Tree
TXRSC-TW-0994	Top Wing Tree Sliders for Aero Wing Tree

Wing Cylinder Clamp

TXRSC-TW-5477BLK

Adjustable 1-1/2" diameter wing cylinder clamp. This clamp will replace the welded-on cylinder mount on the chassis. Black anodized aluminum construction.

Triple X Race Components Inc

SPRINT

TXRSC-BW-0051-BLK

TXRSC-BW-0016

TXRSC-BW-0031-BLK

TXRSC-BW-1928

TXRSC-BW-5685

Body and Tin Components

Description	White	Black	Carbon Fiber	Poly White	Poly Black	Plain
Hoods and Noses						
Clean Air Hood	TXRSC-BW-0002	TXRSC-BW-0002-BLK	—	—	—	—
Clean Air Nose	TXRSC-BW-0001	TXRSC-BW-0001-BLK	—	—	—	—
Dual Duct Cool Air Hood	TXRSC-BW-0051	TXRSC-BW-0051-BLK	—	—	—	—
Dual Duct Cool Air Nose	TXRSC-BW-0075	TXRSC-BW-0075-BLK	—	—	—	—
Dual Duct Inside Rail Hood	TXRSC-BW-6837	TXRSC-BW-6837-BLK	—	—	—	—
Dual Duct Inside Rail Nose	TXRSC-BW-6119	TXRSC-BW-6119-BLK	—	—	—	—
Hood Plate Single	—	—	—	—	—	TXRSC-BW-0100
Dash						
Dual Duct Inside Rail Dash	TXRSC-BW-6447	TXRSC-BW-6447-BLK	—	—	—	—
Dash, Aluminum with Quick-Fastener Holes and 90° Top Lip	—	—	TXRSC-BW-8275CF	—	—	TXRSC-BW-0008
Arm Guards						
Left Arm Guard for World of Outlaws, Curved Support Bar	TXRSC-BW-1911	TXRSC-BW-1911BLK	—	—	—	—
Large Kickout Right Arm Guard	TXRSC-BW-1956	TXRSC-BW-1956BLK	—	—	—	—
Right Arm Guard, Wedge Style, 2" Tall	TXRSC-BW-1956	TXRSC-BW-1956BLK	—	—	—	—
Left Arm Guard Full Enclosure	TXRSC-BW-1928	TXRSC-BW-1928BLK				
Floor Pans and Kick Panels						
Left Side Kick Panel, Aluminum with Quick Fasteners	—	—	—	—	—	TXRSC-BW-0005*
Right Side Kick Panel, 2-Piece, Aluminum with Quick Fasteners	—	—	—	—	—	TXRSC-BW-0006*
Floor Pan, Aluminum with Quick Fastener Holes and Radiused Bends, 20-1/4" Long	—	—	—	—	—	TXRSC-BW-0007
Floor Pan, Aluminum with Quick Fastener Holes and Radiused Bends, 17-1/4" Long	—	—	—	—	—	TXRSC-BW-0013
Extended Side Floor Pan, 15-1/2"	—	—	—	—	—	TXRSC-BW-0016
Extended Side Floor Pan, 18-1/2"	—	—	—	—	—	TXRSC-BW-0018
Sprint Car Quick Access Kick Side Floor Pan	—	—	—	—	—	TXRSC-BW-5684
Lower Right Kick Panel	—	—	—	—	—	TXRSC-BW-0030
Sprint Car Quick Access Kick Panel	—	—	—	—	—	TXRSC-BW-5693
Upper Right Radius Rod Cover Panel (Horizontal Split Design)	TXRSC-BW-0031	TXRSC-BW-0031-BLK	—	—	—	—
Upper Right Radius Rod Cover	—	—	—	—	—	—
Lower Left Kick Panel	—	—	—	—	—	TXRSC-BW-0032
Kick Panel LH, Quick Access, Aluminum	—	—	—	—	—	TXRSC-BW-5685
Kick Panel RH, Quick Access, Aluminum	—	—	—	—	—	—
Left Side Rear Enclosure Panel, 2015 and Newer Triple X Chassis with Straight Rear Cage Upright	—	—	—	—	—	TXRSC-BW-8330
Right Side Rear Enclosure Panel, 2017 and Newer Triple X Chassis with Bent Right Rear Cage Upright, Notched for Ladder Bars	—	—	—	—	—	TXRSC-BW-8338
Upper Left Radius Rod Cover Panel (Horizontal Split Design)	TXRSC-BW-0033	TXRSC-BW-0033-BLK	—	—	—	—
Radiator Tray and Scoop						
Front Air Box, Radiused Aluminum for More Aerodynamics	—	—	—	—	—	TXRSC-CH-0003
Radiator Support, Aluminum Angle	—	—	—	—	—	TXRSC-CH-0004
Radiator Air Dam, 90°	—	—	—	—	—	TXRSC-CH-6345
Engine Enclosure						
Full Engine Enclosure RH	—	—	—	—	—	TXRSC-BW-9952
Engine Enclosure, LH	—	—	—	—	—	TXRSC-BW-9830
Engine Enclosure, RH	—	—	—	—	—	TXRSC-BW-9832
Engine Enclosure, LH, Tall, Aluminum	—	—	—	—	—	TXRSC-BW-9840
Engine Enclosure, RH, Tall, Aluminum	—	—	—	—	—	TXRSC-BW-9842

These fit 2014 and older chassis perfectly, not 2015.

Birdcages

Part No.	Description
TXRSC-SU-0401-BLK	Left Rear
TXRSC-SU-0402-BLK	Right Rear

Torsion Stops

Part No.	Description
TXRSC-SU-0310	1-3/4", Aluminum
TXRSC-SU-0310-BLK	1-3/4", Black
TXRSC-SU-0311	1-3/4", Steel

Birdcage Components

Part No.	Description
TXRSC-SU-0405	Birdcage Flag
TXRSC-SU-0406	Birdcage Standoff
TXRSC-SU-0408	Birdcage Bearing

Titanium Stop Bolt *TXRSC-SU-8841*

Half the weight of steel torsion stop bolts and they last twice as long. 9/16" hex on bolt and nut means no more taking multiple size wrenches to your stops when adjusting them.

Steel Stop Bolt *TXRSC-SU-0430*

Perform precise adjustments with this grade 8 bolt with full 7/16-20 threads. Measures 2" long, with 5/8" head and includes 11/16" jam nut.

One-Nut Stud Kits

Super light and strong. Makes changing shocks quick and painless with a single wrench. Offered in titanium and steel.

Part No.	Description
Titanium	
TXRSC-SU-9974	0.875" Thread
TXRSC-SU-9983	1.10" Thread
Steel	
TXRSC-SU-4367	0.875" Thread
TXRSC-SU-4385	1.10" Thread
TXRSC-SU-7015	1.05" Thread
TXRSC-SU-7023	1.05" Thread
TXRSC-SU-7063	1.05" Thread

TXRSC-SU-9974

TXRSC-SU-7063

Drive Line Restraint Kit *TXRSC-CH-3000*

Complete driveline restraint system designed to restrain and tether torque tube and driveline. Its clean design makes it light, inexpensive, easily installed, does not interfere with routine maintenance, and does not affect chassis flex/performance while protecting your legs and feet from the torque tube.

Part No.	Description
Replacement Components	
TXRSC-CH-3003	Rear Hoop

Steering Arms

Part No.	Description
TXRSC-FE-1001-BLK	Left Front Combo, Black
TXRSC-FE-1002-BLK	Right Front, Black

Aluminum Pitman Arm

The straight and angle broach arm is designed for use with newer model GME/Nields and Lee steering gears. With 10" and 11" holes, this pitman arm is perfect for the driver who wants to feel "up on the wheel" and likes to keep their steering busy in the cockpit to help them understand what the chassis and track is communicating to them. Complete with bolt.

Part No.	Description
Angle Broached	
TXRSC-ST-0007	Polished
TXRSC-ST-0007-BLK	Black

Left Front Caliper Mount with Bolts

Designed to fit either 10-1/8" or 10-7/8" rotors, these aluminum bracket kits contain Grade 8 countersunk bolts and are available in aluminum or black finish. Sold each.

Part No.	Description
10-1/8" Rotors	
TXRSC-FE-0010	Aluminum Finish
TXRSC-FE-0010-BLK	Black Finish
TXRSC-FE-0011	Aluminum Finish
TXRSC-FE-0011-BLK	Black Finish

Front Torsion Arms

Built from 2024 aluminum.

TXRSC-SU-0116

TXRSC-SU-0116-BLK

Description	Plain	Black
Left Front	TXRSC-SU-0115	TXRSC-SU-0115-BLK
Right Front	TXRSC-SU-0116	TXRSC-SU-0116-BLK

Heavy-Duty Left Front Torsion Arm

This 1" wide (1/4" wider than normal) billet aluminum left front torsion arm is designed to reduce deflection and resist twisting. The unique design is machined with a pocket on the inside of the arm to go over the torsion bar tube and allow the arm to rest on the front axle in exactly the same location as a normal LF torsion arm. 18-3/4" from torsion bar hole to end. Includes hardware.

Part No.	Description
TXRSC-SU-0168	Polished
TXRSC-SU-0168BLK	Black Anodized

Complete Grade 8 Bolt Kit *TXRSC-CH-0100*

Bolt kit includes all of the fasteners required to assemble a Triple X Sprint Car, packaged and labeled with a complete list of all contents. All fasteners are premium Grade 8 with Nylock thin nuts and AN washers. Kit also includes necessary pins, springs, and clips where required.

Rear Torsion Arms

These black anodized 2024 heavy-duty billet and standard aluminum rear torsion arms have the same measurements as regular Triple X torsion arms, making for easy installation. Left rear is 15" from center of torsion bar hole to end, 3-/14" offset. Right rear is 13-1/4" from center of torsion bar hole to end, 5" offset.

TXRSC-SU-0237BLK

Part No.	Description
HD Rear Torsion Arms	
TXRSC-SU-0237BLK	Left, Black
TXRSC-SU-0238BLK	Right, Black
Standard Rear Torsion Arms	
TXRSC-SU-0117	Left, Plain
TXRSC-SU-0118	Right, Plain
TXRSC-SU-0117-BLK	Left, Plain, Black
TXRSC-SU-0118-BLK	Right, Plain, Black

Half Box Steering Mount
TXRSC-ST-0006-BLK

Designed for quick installation and removal of the steering gear box. Three hex-cut slots eliminate the need to remove snap ring and end cap and allow the steering box to slide easily into place. Black anodized mount is CNC-machined from 3/8" thick billet aluminum. Pocketed for strength and weight savings; weighs only 0.54 lbs.

Rod Ends and Jam Nuts

Part No.	Description
Rod Ends	
TXRSC-SU-0300	RH Thread, Aluminum, 5/8" x 1/2" Hole
TXRSC-SU-0301	LH Thread, Aluminum, 5/8" x 1/2" Hole
TXRSC-SU-0302	RH Thread, Steel, 5/8" x 1/2" Hole
TXRSC-SU-0303	LH Thread, Steel, 5/8" x 1/2" Hole
TXRSC-SU-8267	RH Thread, 4130 Moly Steel, 5/8" x 1/2" Hole
Jam Nuts	
TXRSC-SU-0304	5/8" Jam Nut,, RH Thread, Aluminum
TXRSC-SU-0305	5/8" Jam Nut, LH Thread, Aluminum

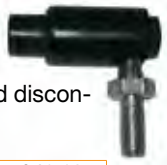
Clamp-On Adjustable Top Steering Mount Kit
TXRSC-ST-0020-BLK

Aluminum clamp-on top steering gear mount for 1-1/4" steering bars. No more hole drilling! Multiple fuel shut-off locations and steering wheel mounting distances.

Part No.	Description
Related Components	
TXRSC-ST-0021-BLK	Bracket for Waterman Shut-Off

Aluminum Quick-Disconnect Ends

Quick and easy way to connect and disconnect cables or linkage that need to be removed and installed frequently. Sleeve threads onto either cable or rod end. Kits contain ball stud and disconnect sleeve.



Part No.	Description
TXRSC-EG-3825	Ball Stud Thread 10-32, Sleeve Thread 10-32
TXRSC-SU-9372	Ball Stud Thread 1/4"-28, Sleeve Thread 10-32

Adjustable Tail Tank Clamp Set
TXRSC-CH-7250-BLK

These black anodized aluminum tail tank clamps are CNC lightened to maximize strength and minimize weight. Split in the middle to mount to the tail tank bar. Sold in pairs with bolts.

Steel Radius Rods, Tie Rods, and Drag Links

Plated 4130 chrome-moly tie rods and drag links are 1-1/8" diameter in various lengths with welded (spud) ends. Available in chrome or black.

Part No.	Length
Chrome	
TXRSC-SU-0930	22.5"
TXRSC-SU-0931	23"
TXRSC-SU-0932	23.5"
TXRSC-SU-0212	46"
TXRSC-SU-0213	47"
TXRSC-SU-0203	48"
TXRSC-SU-0205	49"
TXRSC-SU-0206	50"

Part No.	Length
Black	
TXRSC-SU-0930-BLK	22.5"
TXRSC-SU-0212-BLK	46"
TXRSC-SU-0213-BLK	47"
TXRSC-SU-0203-BLK	48"
TXRSC-SU-0205-BLK	49"
TXRSC-SU-0206-BLK	50"
TXRSC-SU-0206-BLK	50"

Steel Bent Rear Radius Rod

Part No.	Length
TXRSC-SU-0121	34" 4130 Steel Bend Radius Rod
TXRSC-SU-0121-BLK	34" 4130 Steel Bend Radius Rod, Black

Quick-Disconnect Brake Line Fitting
TXRBK-9283

Compact, lightweight aluminum -3AN fitting eliminates the need to bleed brakes when performing chassis repairs, changing rear ends, etc. Coupler prevents fluid spillage and will not allow air into brake system.

Aluminum Radius Rods

Polished black aluminum radius rods are 1-1/8" dia. for strength. 5/8" thread.

Part No.	Length
Polished	
TXRSC-SU-0100	18-1/2"
TXRSC-SU-0103	19
TXRSC-SU-0107	21"
TXRSC-SU-0109	22"
TXRSC-SU-0108	22-1/2"
TXRSC-SU-0111	23"
TXRSC-SU-0110	23-1/2"
TXRSC-SU-0112	24"

Part No.	Length
Black	
TXRSC-SU-0101-BLK	18"
TXRSC-SU-0100-BLK	18-1/2"
TXRSC-SU-0103-BLK	19"
TXRSC-SU-0105-BLK	20"
TXRSC-SU-0107-BLK	21"
TXRSC-SU-0106-BLK	21-1/2"
TXRSC-SU-0109-BLK	22"
TXRSC-SU-0108-BLK	22-1/2"
TXRSC-SU-0111-BLK	23"
TXRSC-SU-0110-BLK	23-1/2"
TXRSC-SU-0112-BLK	24"

Sprint Car Radius Rod Kit

TXRSC-SU-K9000-BLK

Full set of 1-1/8" diameter aluminum radius rods for an 87" car. This kit includes aluminum Heims and 4130 drag link/tie rods with steel Heims and aluminum jam nuts. Black.

Description	87" Wheelbase/ 40" Motor Set-Back	88" Wheelbase/ 40" Motor Set-Back
Triple X Sprint Chassis Requirements		
Radius Rods		
Left Front	22-1/2"	23-1/2"
Right Front (2)	23"	24"
Left Rear	23-1/2"	23-1/2"
Right Rear	24"	24"
Steering Rods		
Tie Rod	45-3/4"	45-3/4"
Drag Link	49"	50"
Panhard Rod	18-1/2"	18-1/2"

Radius Rod Brackets

Aluminum long radius rod brackets mount to chassis at the motor plate (upright tubes) and align the front of the long radius rod with the torque ball. Left bracket has five adjusting holes. Right bracket has three adjusting holes. Sold in pairs.

Part No.	Description
TXRSC-SU-0120	Billet Aluminum, Natural
TXRSC-SU-0120BLK	Billet Aluminum, Black Anodized

Storage Bins

Available in two sizes, these heavy-duty, interlocking, stackable plastic storage bins include (4) stacking brackets. Showroom quality red or yellow bins can keep heavy-weight items organized.

Part No.	Color	Size
TXRPA-PBIN-8005-ORD	Yellow	7" x 5" x 3"
TXRPA-PBIN-8077	Red	10-1/4" x 6-1/4"
TXRPA-PBIN-8134	Yellow	17-3/4" x 11-1/2"

SB Chevy Fabricated Aluminum Valve Covers

TXRSC-EG-0003BLK

Super-lightweight polished aluminum valve covers feature machined billet rails for dependable, effective sealing. Sold in pairs.

Frame Stand/Dolly

TXRPA-0002

Specialized dolly is ideal when building or repairing Sprint car chassis. Plated, sturdy unit includes height adjustment feature, while heavy-duty casters ease movement. Removable 1" block allows use with standard or raised rail chassis. Sold in pairs.

Pit Stands

TXRPA-0009-BLK

Lightweight, anodized aluminum pit stands include rubber inserts to prevent car from sliding, while wide feet prevent stands from sinking in dirt pits. Compact and stackable for easy storage. Sold in pairs. Black.

Steering Wheels

Three-spoke steering wheels are lightweight and super strong. Drilled grip area has sandblasted finish. Wheels weigh less than one pound.

Part No.	Description
15" Dia., 1" Tube	
TXRST-0001	Lightweight Aluminum
TXRST-0001-BLK	Lightweight Aluminum, Black
15" Dia., 1-1/8" Tube	
TXRST-0002	Lightweight Aluminum
TXRST-0002-BLK	Lightweight Aluminum, Black

Wheel Cover

TXRSC-WH-2350

Designed to fit 15" Weld and Keizer wheels. These lightweight, super-strong plastic right rear covers include PTFE buttons for attaching to wheel. Offered in plastic.

Triple X Race Components Inc

SPRINT

Wheel Cover Retainer Kits

These mud cover retaining kits meet the new Outlaw Sprint Car rules and are WoO/ASCS approved. Designed with 1-3/8", spread they are available with either stainless steel or titanium 5/16" bolts. Kit contains bracket, rivets, bolt, and E-clip. 3-pack.

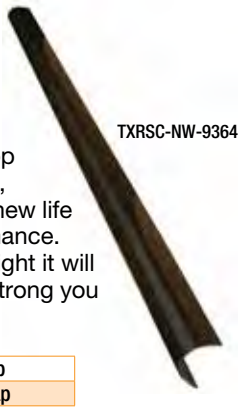
Part No.	Description
TXRSC-WH-7821	3-Pack with Stainless Steel Bolts
TXRSC-WH-7841	3-Pack with Titanium Bolts

Top Wing Posts

Top wing post fits Vortex/FAST/Velocity Wings. Post will fit other wings, depending upon the height of the "T". This post has a 5/8" high "T". Chrome-plated 4130 steel.

Part No.	Description
TXRSC-TW-0010	For Vortex/FAST/Velocity Wings
TXRSC-TW-0010BLK	For Vortex/FAST/Velocity Wings, Black
TXRSC-TW-0016	With Roller Bearings

Carbon Fiber Nose Wing Caps



TXRSC-NW-9364

The ultra-light XXX carbon fiber cap pop rivets over the leading edge of your wing, making it dent-resistant. It will also add new life to old wings and bring back lost performance. They are pre-formed for easy fit and so light it will add next to no weight to your wing. So strong you can re-use on many wings.

Part No.	Description
TXRSC-TW-0835	Top Wing Cap
TXRSC-NW-9364	Nose Wing Cap

Nose Wing

TXRSC-NW-0001

Wing has center mount, large angled side boards, deep dish, and heavy-duty (.090") extruded aluminum nose cap.

Ground Shipment Only

Nose Wing Components

Items are sold individually.

TXRSC-NW-6960

TXRSC-NW-6954

TXRSC-TW-0024-BLK

TXRSC-TW-0024-BLK

Part No.	Description
TXRSC-NW-0030	RH Front Nose Wing Post to Side Board
TXRSC-NW-0031	LH Front Nose Wing Post to Side Board
TXRSC-NW-3235 †	Aero Nose Wing Clamp
TXRSC-TW-0021	Nose Wing Aero Rear Strap, Polished Stainless Steel
TXRSC-TW-0021-BLK	Nose Wing Aero Rear Strap, Black
TXRSC-TW-0023	Front Nose Wing Post Bend, Forward, Chrome-Plated Steel
TXRSC-TW-0023-BLK	Front Nose Wing Post Bend, Forward, Black
TXRSC-TW-0024	Stainless Rear Wing
TXRSC-TW-0024-BLK	Stainless Rear Wing, Black
TXRSC-TW-0025	RH Nose Wing Front Post, Chassis Spud to Side Board, 4130 Plated, 12-1/4"
TXRSC-TW-0042	Adjustable Bottom Mounts, 6"/ 6-3/4"/ 7-1/2", Plated
TXRSC-TW-0042BLK	Adjustable Bottom Mounts, 6"/ 6-3/4"/ 7-1/2", Black
TXRSC-TW-0044	Adjustable Bottom Mounts 8-3/4"/ 9-1/2"/ 10-1/4", Plated
TXRSC-TW-0044BLK	Adjustable Bottom Mounts 8-3/4"/ 9-1/2"/ 10-1/4", Black
TXRSC-TW-0028	Front Nose Wing Post, Straight, Chrome-Plated Steel
TXRSC-TW-0028-BLK	Front Nose Wing Post, Straight, Black
TXRSC-TW-0030	Nose Wing Rear Strap, Unfinished
TXRSC-TW-0030BLK	Nose Wing Rear Strap, Black
TXRSC-NW-6954	Straight
TXRSC-NW-6960	Bent Forward
TXRSC-TW-9420†	Aero Nose Wing Post RH, 12"
TXRSC-TW-9427†	Aero Nose Wing Post LH, 11-1/4"
TXRSC-TW-K9500*	Aero Outboard Nose Wing Post Kit

**** Kit includes (2) clamps and (2) posts.***
† Should be used together.

Justin Grant

Photo by: DenHamer Photos

Midget Clamp-On Top Steering Mount Kit
TXRSC-ST-0027BLK

Black aluminum clamp-on top steering gear mount for 1" steering bars. Kit includes two clamps with fasteners and one top steering plate.

Brake Pedal *TXRMID-CH-2301*

Midget brake pedal manufactured from 4130 chromoly. Black powder-coated finish.

Rear Aluminum Torsion Arms

Midget rear torsion arms made of billet 6061-T6 aluminum. Polished finish.

Part No.	Description
TXRMID-SU-0175	Left Rear Torsion Arm
TXRMID-SU-0176	Right Rear Torsion Arm

Torsion Bar Bushing
TXRMID-CH-3837

Designed for use with 1" torsion bars, this nylon composite bushing is form-fitted for perfect installation. 1" ID, 1.85" O.D..

Front Axle

Midget front axle assembly is 44" wide and built from 2" diameter, .110" wall chromoly tubing. Features axle king pin bosses reamed and honed for a perfect fit, threaded Panhard bar stud, and threaded shock mounts. Plated.

Part No.	Description
TXRMID-FA-0015	Chrome
TXRMID-FA-0015BLK	Black

Bird Cage Set with Bearings
TXRMID-SU-0238

Midget bird cage set (left and right) made from billet 6061-T6 aluminum. Complete with angular contact bearings, torsion arm bolts, washers, and radius rod bolts.

Torsion Stop

Midget aluminum torsion stop with adjuster bolt, jam nut, and tightening bolt/nut. Sold individually.

Part No.	Description
TXRMID-SU-0177	Plain
TXRMID-SU-0177BLK	Black

Body Accessories

TXRMID-BW-5448

TXRMID-BW-5435

Part No.	Description
TXRMID-BW-0037	Midget Left Arm Guard
TXRMID-BW-0038	Midget Right Arm Guard
TXRMID-BW-0038-BLK	Midget Right Arm Guard, Black
TXRMID-BW-0042	Midget Left Side Front Panel
TXRMID-BW-0047-BLK	Midget Sun Visor, Black
TXRMID-BW-0048	Midget Sun Visor, Aluminum
TXRMID-BW-5435	Hood, Inside Rails, Fiberglass, White
TXRMID-BW-5448	Dash, Inside Rails, Fiberglass, White
TXRMID-BW-5497	Nose, Inside Rails, Fiberglass, White

Midget Panhard Clamp
TXRMID-SU-0239

Aluminum panhard clamp fits 1-1/8" tubing. Used for adjusting the panhard bar.

Radius Rods

Made from durable 2024 aluminum, these arms are exceptionally lightweight and strong. Measures 18-3/4" from center of torsion bar hole to end. Comes complete with hardware.

Part No.	Description
TXRMID-SU-0116	30-1/2" Rear
TXRMID-SU-0117	31" Rear

34" Steering Rods

Chrome-plated 4130 chrome moly. Welded (spud) ends.

Part No.	Description
TXRMID-SU-0209	34", Chome
TXRMID-SU-0207BLK	37", Black
TXRMID-SU-0209BLK	39", Black
TXRMID-SU-0210BLK	40", Black

Side Nerf Bars

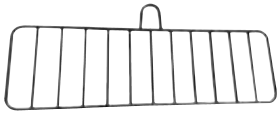
Midget side nerf bars are constructed from .875" diameter, .065" wall stainless steel tubing. CNC-bent and jig-built for high quality and exact fit. Polished to perfection. Weighs 3.4 pounds.

Part No.	Description
TXRMID-BN-0062	Left Side Nerf Bar, 3-Point, Polished Stainless
TXRMID-BN-0063	Right Side Nerf Bar, 3-Point, Polished Stainless

Midget Rear Bumper with Post
TXRMID-BN-0066

Midget stainless steel rear bumper with post, no basket, with diagonals, measures 22" long from top rail to spud mount. Constructed from .875" diameter .065" wall stainless steel tubing. The post helps avoid jumping the bumper, causing fuel tank damage. CNC-bent and jig-built for high quality and exact fit. Weighs 5.5 pounds.

Rock Screen *TXR600-CH-1336*



This black powder-coated 22-3/4" wide x 8-1/2" high steel screen is manufactured with 2" wide slots. Using the Triple X screen clamp (TXR600-CH-0954BLK), mounting to the roll cage uprights of both Triple X Midget and 600 chassis is simple and easy.

Part No.	Description
Related Component	
TXR600-CH-0954BLK	Clamp for Mini-Sprint, 1-1/4" I.D.

Torsion Arm Shock Stud XB 600 Mini-Sprint *TXR600-SU-3450*

One-nut steel shock stud with built-in spacer allows quick shock changes. This built-in spacer also assures a correct angle between the shock and torsion arm every time the shock is changed.

Torsion Arms

Part No.	Description
TXR600-SU-0171	Left Front
TXR600-SU-0172	Right Front
TXR600-SU-0173	Left Rear

Body and Tin Components

Items are sold individually.

TXR600-BW-0014-BLK

TXR600-BW-0002

TXR600-BW-0005

TXR600-BW-0010

TXR600-BW-0006

TXR600-BW-4485

Part No.	Description
TXR600-BW-0002	Left Hand Guard, White
TXR600-BW-0002-BLK	Left Hand Guard, Black
TXR600-BW-0005	Floor Pan, Rear
TXR600-BW-0006	Kick Panel, Left Side, 2 Pieces
TXR600-BW-0007	Kick Panel, Right Side, 3 Pieces
TXR600-BW-0010	Motor Shroud
TXR600-BW-0014	Hood, Dual Duct Mini-Sprint, White
TXR600-BW-0014-BLK	Hood, Dual Duct Mini-Sprint, Black
TXR600-BW-4485	Mini-Sprint Visor, White

Bumpers and Nerf Bars

TXR600-BN-0001

TXR600-BN-0005

Part No.	Description
TXR600-BN-0001	Nerf Bar, Right Hand, Stainless Steel
TXR600-BN-0002	Nerf Bar, Left Hand, Stainless Steel
TXR600-BN-0005	Rear Bumper, Stainless Steel
TXR600-BN-0010	Front Bumper, Stainless Steel
TXR600-BN-0067	Front Bumper, Stacked

Torsion Stop *TXR600-SU-0170*

Torsion Bushing *TXR600-CH-3001*

Sold individually.

Radius Rods

Description	
Aluminum	
Front Radius Rod, 3/8" x 15-1/2"	TXR600-SU-0019
Drag Link Radius Rod, 3/8" x 14-1/2"	TXR600-SU-0021
Left Rear Radius Rod, 7/16" x 20"	TXR600-SU-0023
Right Rear Radius Rod, 7/16" x 21"	TXR600-SU-0024
Brake Rod, Steel, 7/16" x 20"	TXR600-SU-0025
Black	
Front Radius Rod, 3/8" x 15-1/2"	TXR600-SU-0019-BLK
Left Rear Radius Rod, 7/16" x 20"	TXR600-SU-0023-BLK
Right Rear Radius Rod, 7/16" x 21"	TXR600-SU-0024-BLK

Tie Rod and Drag Links

Part No.	Description
Tie Rods	
TXR600-SU-0182	3/8" x 36-1/2", Steel
TXR600-SU-0182-BLK	3/8" x 36-1/2", Steel, Black
Drag Links	
TXR600-SU-0021	3/8" x 14-1/2", Aluminum

Description	Component Length
Triple X Mini Sprint Chassis Requirements	
Radius Rods	
Left Front	15-1/2" (3/8" Thread)
Right Front (2)	15-1/2" (3/8" Thread)
Left Rear	20" (7/16" Thread)
Right Rear	21" (7/16" Thread)
Steering Rods	
Tie Rod	36-1/2" (3/8" Thread)
Drag Link	14-1/2" (3/8" Thread
Panhard Rod	15-1/2" (3/8" Thread)
Brake Rod	
Brake Rod	20" (7/16" Thread), Steel

Rear End Components

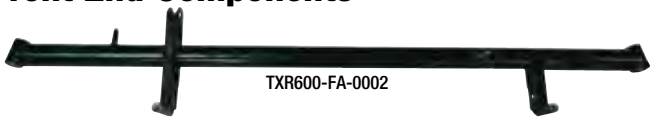
TXR600-SU-0017

TXR600-SU-0453

TXR600-SU-0181-BLK

Part No.	Description
TXR600-BK-0001	Rear Brake Rotor, Steel, Ultra Light
TXR600-SU-0017	Splined Bearing Spacer for Bird Cage, Double Bearing, 1-1/4"
TXR600-SU-0018	Splined Bearing Spacer for Brake Carrier, Single Bearing, 5/8"
TXR600-SU-0101	Bare Rear Axle Tube, 52"
TXR600-SU-0181-BLK	Sprocket/Rotor Hub, 1/4"-28, Black
TXR600-SU-0193-BLK	Bird Cage with Bearing, Right Hand, Black
TXR600-SU-0200	Bearing for Brake Carrier
TXR600-SU-0202	Rear Bird Cage Bearing
TXR600-SU-0453	Rear Axle Spacer Kit, 11 Pieces
TXR600-SU-K9000	Complete Rear Axle Assy.

Front End Components


TXR600-FA-0002

Part No.	Description
TXR600-FA-0002	Front Axle Bare, Torsion Bar Style
TXR600-FA-0010	Steering Arm, Left and Right Combo
TXR600-FE-0652	Thrust Bearing Shim, Sold Individually
TXR600-FE-0653	Thrust Bearing, Sold Individually

600 Mini Sprint Power Steering Assist Kit

TXR600-ST-K5000

This steering assist kit contains all the needed components for connecting to existing frame-mounted steering box. Adding steering assistance only when there is a load on the steering system, this kit is ideal for younger and smaller drivers. Kit includes power steering unit and electrical control box, upper and lower U-joint, steering shaft, wiring kit, upper steering bracket, splined quick-release hub, and all fasteners needed for installation.

Steering Components

TXR600-ST-0004

Part No.	Description
TXR600-ST-0004	Steering Box, Rack and Pinion Frame Mount
TXR600-ST-1009	Replacement Rack

Engine Components

TXR600-EG-0039

Part No.	Description
TXR600-EG-0039	Battery Box
TXR600-EG-0043	Motor Adjuster with Ends

Pedal, Clutch, and Chain Components

TXR600-EG-0012

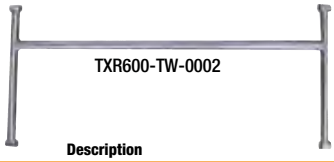
TXR600-DL-0055

TXR600-DL-0002

Part No.	Description
Pedals and Clutch Components	
TXR600-EG-0012	Clutch Lever
Chain Components	
TXR600-DL-0001	Drive Chain, Gold Link
TXR600-DL-0002	Drive Tensioner Kit
TXR600-DL-0003	Drive Tensioner, Wheel
TXR600-DL-0055	Master Link

Wing Tree and Mounts

TXR600-TW-0004

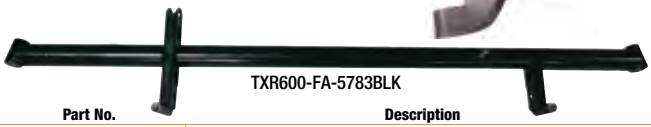

TXR600-TW-0002

TXR600-TW-0025

Part No.	Description
TXR600-TW-0002	Top Wing Tree
TXR600-TW-0004	Top Wing Post, Sold Individually
TXR600-TW-0007	Top Wing Manual Slider
TXR600-TW-0025	Front Nose Wing Post, Sold Individually

XB Axles and Spindles

TXR600-FA-8201


TXR600-FA-5783BLK

Part No.	Description
TXR600-FA-8201	XB Spindle Tall Boss
TXR600-FA-8201BLK	XB Spindle Tall Boss, Black
TXR600-FA-8514	Locknut For XB Spindles Only
TXR600-FA-5783	XB Front Axle Tall Boss, Used Only with XB Spindles
TXR600-FA-5783BLK	XB Front Axle Tall Boss, Used Only with XB Spindles, Black

Hardware Kit

TXR600-CH-2846

Kit includes all steel bolts and nuts to assemble car.

Aluminum Hose Ends and Fittings

Triple X Race Components Inc. hose ends and fittings are manufactured from premium-quality lightweight aluminum, then black anodized for corrosion resistance and a professional appearance.

Push Lock Hose Ends

Part No.	AN Size
Straight	
TXRHF-10004-BLK	-4
TXRHF-10006-BLK	-6
TXRHF-10008-BLK	-8
TXRHF-10010-BLK	-10
TXRHF-10012-BLK	-12
TXRHF-10016-BLK	-16
30°	
TXRHF-13006-BLK	-6
TXRHF-13008-BLK	-8
TXRHF-13010-BLK	-10
TXRHF-13012-BLK	-12
TXRHF-13016-BLK	-16
45°	
TXRHF-14504-BLK	-4
TXRHF-14506-BLK	-6
TXRHF-14508-BLK	-8
TXRHF-14510-BLK	-10
TXRHF-14512-BLK	-12
TXRHF-14516-BLK	-16
60°	
TXRHF-16006-BLK	-6
TXRHF-16008-BLK	-8
TXRHF-16010-BLK	-10
TXRHF-16012-BLK	-12
TXRHF-16016-BLK	-16
90°	
TXRHF-19004-BLK	-4
TXRHF-19006-BLK	-6
TXRHF-19008-BLK	-8
TXRHF-19010-BLK	-10
TXRHF-19012-BLK	-12
TXRHF-19016-BLK	-16
120°	
TXRHF-12006-BLK	-6
TXRHF-12008-BLK	-8
TXRHF-12010-BLK	-10
TXRHF-12012-BLK	-12
180°	
TXRHF-18006-BLK	-6
TXRHF-18008-BLK	-8
TXRHF-18010-BLK	-10
TXRHF-18012-BLK	-12

Swivel Hose Ends

Part No.	AN Size
Straight	
TXRHF-20004-BLK	-4
TXRHF-20006-BLK	-6
TXRHF-20008-BLK	-8
TXRHF-20010-BLK	-10
TXRHF-20012-BLK	-12
TXRHF-20016-BLK	-16
30°	
TXRHF-23006-BLK	-6
TXRHF-23008-BLK	-8
TXRHF-23010-BLK	-10
TXRHF-23012-BLK	-12
TXRHF-23016-BLK	-16
45°	
TXRHF-24504-BLK	-4
TXRHF-24506-BLK	-6
TXRHF-24508-BLK	-8
TXRHF-24510-BLK	-10
TXRHF-24512-BLK	-12
TXRHF-24516-BLK	-16
60°	
TXRHF-26004-BLK	-4
TXRHF-26006-BLK	-6
TXRHF-26008-BLK	-8
TXRHF-26010-BLK	-10
TXRHF-26012-BLK	-12
TXRHF-26016-BLK	-16
90°	
TXRHF-29004-BLK	-4
TXRHF-29006-BLK	-6
TXRHF-29008-BLK	-8
TXRHF-29010-BLK	-10
TXRHF-29012-BLK	-12
TXRHF-29016-BLK	-16
120°	
TXRHF-22006-BLK	-6
TXRHF-22008-BLK	-8
TXRHF-22010-BLK	-10
TXRHF-22012-BLK	-12
TXRHF-22016-BLK	-16
150°	
TXRHF-25006-BLK	-6
TXRHF-25008-BLK	-8
TXRHF-25012-BLK	-12
TXRHF-25016-BLK	-16
180°	
TXRHF-28006-BLK	-6
TXRHF-28008-BLK	-8
TXRHF-28010-BLK	-10
TXRHF-28012-BLK	-12
TXRHF-28016-BLK	-16

AN Flare Adapters

Part No.	"A" AN Size	"B" AN Size
Aluminum Female Swivel Union		
TXRHF-31033-BLK	-3	-3
TXRHF-31044-BLK	-4	-4
TXRHF-31066-BLK	-6	-6
TXRHF-31068-BLK	-6	-8
TXRHF-31088-BLK	-8	-8
TXRHF-31080-BLK	-8	-10
Aluminum Male Union		
TXRHF-32033-BLK	-3	-3
TXRHF-32044-BLK	-4	-4
TXRHF-32066-BLK	-6	-6
TXRHF-32088-BLK	-8	-8
TXRHF-32010-BLK	-10	-10
TXRHF-32012-BLK	-12	-12
Aluminum 90° Union		
TXRHF-35933-BLK	-3	-3
TXRHF-35944-BLK	-4	-4
TXRHF-35988-BLK	-8	-8
Aluminum Male Reducer		
TXRHF-36304-BLK	-3	-4
TXRHF-36406-BLK	-4	-6
TXRHF-36410-BLK	-4	-10
TXRHF-36412-BLK	-4	-12
TXRHF-36608-BLK	-6	-8
TXRHF-36610-BLK	-6	-10
TXRHF-36810-BLK	-8	-10
TXRHF-36812-BLK	-8	-12
TXRHF-36016-BLK	-10	-16
TXRHF-36216-BLK	-12	-16
Aluminum 45° Female Coupler		
TXRHF-34516-BLK	-16	-16
Aluminum Swivel Reducer		
TXRHF-37304-BLK	-4	-3
TXRHF-37406-BLK	-6	-4
TXRHF-37408-BLK	-8	-4
TXRHF-37608-BLK	-8	-6
TXRHF-37610-BLK	-10	-6
TXRHF-37810-BLK	-10	-8
TXRHF-37812-BLK	-12	-8
TXRHF-37012-BLK	-12	-10
TXRHF-37016-BLK	-16	-10
TXRHF-37216-BLK	-16	-12
Aluminum Swivel Flare Expander		
TXRHF-38304-BLK	-4	-3
TXRHF-38306-BLK	-6	-4
TXRHF-38608-BLK	-8	-6
TXRHF-38810-BLK	-10	-8
TXRHF-38012-BLK	-12	-10
TXRHF-38620-BLK	-20	-16

AN Flare Adapters (Cont.)

Part No.	"A" AN Size	"B" AN Size	"C" AN Size
Aluminum Tee			
TXRHF-40003-BLK	-3	-3	-3
TXRHF-40004-BLK	-4	-4	-4
TXRHF-40006-BLK	-6	-6	-6
TXRHF-40008-BLK	-8	-8	-8
TXRHF-40010-BLK	-10	-10	-10
TXRHF-40012-BLK	-12	-12	-12
TXRHF-40016-BLK	-16	-16	-16
Aluminum Tee, Female Swivel on Side			
TXRHF-41003-BLK	-3	-3	-3
TXRHF-41004-BLK	-4	-4	-4
TXRHF-41006-BLK	-6	-6	-6
TXRHF-41008-BLK	-8	-8	-8

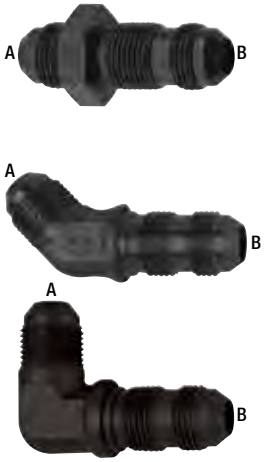
Part No.	AN Size
Aluminum Flare Cap	
TXRHF-51003-BLK	-3
TXRHF-51004-BLK	-4
TXRHF-51006-BLK	-6
TXRHF-51008-BLK	-8
TXRHF-51010-BLK	-10
TXRHF-51012-BLK	-12
TXRHF-51016-BLK	-16
Aluminum Flare Plug	
TXRHF-52003-BLK	-3
TXRHF-52004-BLK	-4
TXRHF-52006-BLK	-6
TXRHF-52008-BLK	-8
TXRHF-52010-BLK	-10
TXRHF-52012-BLK	-12
Aluminum Tube Nut	
TXRHF-61003-BLK	-3
TXRHF-61004-BLK	-4
TXRHF-61006-BLK	-6
TXRHF-61008-BLK	-8
TXRHF-61010-BLK	-10
Aluminum Tube Sleeve	
TXRHF-62003-BLK	-3
TXRHF-62004-BLK	-4
TXRHF-62010-BLK	-10

AN Flare to ORB Adapters

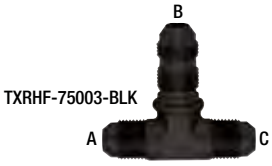
Part No.	"A" AN Size	"B" SAE Size
Aluminum O-Ring Boss		
TXRHF-80410-BLK	-4	7/8"-14 (-10)
TXRHF-80430-BLK	-4	3/8"-24 (-3)
TXRHF-80440-BLK	-4	7/16"-20 (-4)
TXRHF-80460-BLK	-4	9/16"-18 (-6)
TXRHF-80480-BLK	-4	3/4"-16 (-8)
TXRHF-80610-BLK	-6	7/8"-14 (-10)
TXRHF-80612-BLK	-6	1-1/16"-12 (-12)
TXRHF-80660-BLK	-6	9/16"-18 (-6)
TXRHF-80680-BLK	-6	3/4"-16 (-8)
TXRHF-80010-BLK	-8	7/8"-14 (-10)
TXRHF-80812-BLK	-8	1-1/16"-12 (-12)
TXRHF-80816-BLK	-8	1-5/16"-12 (-16)
TXRHF-80860-BLK	-8	9/16"-18 (-6)
TXRHF-80880-BLK	-8	3/4"-16 (-8)
TXRHF-81010-BLK	-10	7/8"-14 (-10)
TXRHF-81012-BLK	-10	1-1/16"-12 (-12)
TXRHF-81016-BLK	-10	1-5/16"-12 (-16)
TXRHF-81080-BLK	-10	3/4"-16 (-8)
TXRHF-81210-BLK	-12	7/8"-14 (-10)
TXRHF-81212-BLK	-12	1-1/16"-12 (-12)
TXRHF-81216-BLK	-12	1-5/16"-12 (-16)
TXRHF-81280-BLK	-12	3/4"-16 (-8)
TXRHF-81612-BLK	-16	1-1/16"-12 (-12)
TXRHF-81616-BLK	-16	1-5/16"-12 (-16)
TXRHF-82016-BLK	-20	1-5/16"-12 (-16)

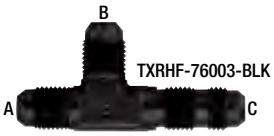
AN Flare Adapters (Cont.)

Part No.	"A" AN Size	"B" AN Size
Aluminum Straight Bulkhead		
TXRHF-70003-BLK	-3	-3
TXRHF-70004-BLK	-4	-4
TXRHF-70006-BLK	-6	-6
TXRHF-70008-BLK	-8	-8
TXRHF-70010-BLK	-10	-10
TXRHF-70012-BLK	-12	-12
TXRHF-70020-BLK	-20	-20
Aluminum 45° Bulkhead		
TXRHF-74503-BLK	-3	-3
Aluminum 90° Bulkhead		
TXRHF-79003-BLK	-3	-3
TXRHF-79004-BLK	-4	-4
TXRHF-79006-BLK	-6	-6
TXRHF-79008-BLK	-8	-8
TXRHF-79012-BLK	-12	-12
TXRHF-79016-BLK	-16	-16



Part No.	AN Size
Aluminum Bulkhead Nut	
TXRHF-72003-BLK	-3
TXRHF-72004-BLK	-4
TXRHF-72006-BLK	-6
TXRHF-72008-BLK	-8
TXRHF-72010-BLK	-10
TXRHF-72012-BLK	-12
TXRHF-72020-BLK	-20





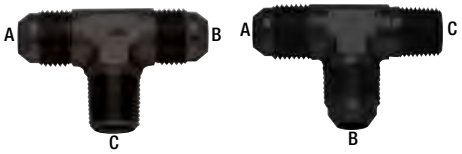
Part No.	"A" AN Size	"B" AN Size	"C" AN Size
Aluminum Bulkhead Tee on the Side			
TXRHF-75003-BLK	-3	-3	-3
TXRHF-75004-BLK	-4	-4	-4
Aluminum Bulkhead Tee on the Run			
TXRHF-76003-BLK	-3	-3	-3

Aluminum AN to NPT Adapters

NPT Size	AN Size	Straight Part No.	45° Part No.	90° Part No.
1/8"	-3	TXRHF-90031-BLK	TXRHF-94031-BLK	TXRHF-99031-BLK
1/8"	-4	TXRHF-90041-BLK	TXRHF-94041-BLK	TXRHF-99041-BLK
1/4"	-4	TXRHF-90042-BLK	TXRHF-94042-BLK	TXRHF-99042-BLK
3/8"	-4	TXRHF-90043-BLK	—	—
1/8"	-6	TXRHF-90061-BLK	—	TXRHF-99061-BLK
1/4"	-6	TXRHF-90062-BLK	TXRHF-94062-BLK	TXRHF-99062-BLK
3/8"	-6	TXRHF-90063-BLK	TXRHF-94063-BLK	TXRHF-99063-BLK
1/2"	-6	TXRHF-90064-BLK	—	TXRHF-99064-BLK
1/4"	-8	TXRHF-90082-BLK	—	TXRHF-99082-BLK
3/8"	-8	TXRHF-90083-BLK	TXRHF-94083-BLK	TXRHF-99083-BLK
1/2"	-8	TXRHF-90084-BLK	TXRHF-94084-BLK	TXRHF-99084-BLK
3/8"	-10	TXRHF-90003-BLK	—	TXRHF-99103-BLK
1/2"	-10	TXRHF-90004-BLK	TXRHF-94104-BLK	TXRHF-99104-BLK
3/4"	-10	TXRHF-90005-BLK	—	TXRHF-99105-BLK
1/2"	-12	TXRHF-90124-BLK	TXRHF-94124-BLK	TXRHF-99124-BLK
3/4"	-12	TXRHF-90125-BLK	TXRHF-94125-BLK	TXRHF-99125-BLK
3/4"	-16	TXRHF-90165-BLK	—	TXRHF-99165-BLK
1"	-16	TXRHF-90166-BLK	—	TXRHF-99166-BLK

AN to NPT Adapters (Cont.)

Part No.	"A" AN Size	"B" NPT Size
Aluminum 90° Swivel to Male NPT		
TXRHF-93041-BLK	-4	1/8"
TXRHF-93042-BLK	-4	1/4"
TXRHF-93061-BLK	-6	1/8"
TXRHF-93062-BLK	-6	1/4"
TXRHF-93082-BLK	-8	1/4"
TXRHF-93083-BLK	-8	3/8"
TXRHF-93103-BLK	-10	3/8"
TXRHF-93124-BLK	-12	1/2"



Part No.	"A" AN Size	"B" AN Size	"C" NPT Size
Aluminum Tee Pipe on Branch			
TXRHF-92131-BLK	-3	-3	1/8"
Aluminum Tee Pipe on the Run			
TXRHF-92031-BLK	-3	-3	1/8"

Gauge Adapters

Part No.	Description
TXRHF-33441-BLK	-4AN Male x -4AN Male Inline, 1/8" Female NPT on Side
TXRHF-33601-BLK	-6AN Male x -6AN Female Inline, 1/8" Female NPT on Side
TXRHF-33631-BLK	-6AN Male x 3/8" Male NPT Inline, 1/8" Female NPT on Side
TXRHF-33661-BLK	-6AN Male x -6AN Male Inline, 1/8" Female NPT on Side
TXRHF-34031-BLK	-3AN Male x 1/8" Female NPT, Straight
TXRHF-34041-BLK	-4AN Male x 1/8" Female NPT, Straight

NPT Adapters

Part No.	"A" NPT Size	"B" NPT Size
Aluminum NPT Reducer		
TXRHF-95021-BLK	1/8"	1/4"
TXRHF-95031-BLK	1/8"	3/8"
TXRHF-95032-BLK	1/4"	3/8"
TXRHF-95041-BLK	1/8"	1/2"
TXRHF-95042-BLK	1/4"	1/2"
TXRHF-95043-BLK	3/8"	1/2"
TXRHF-95052-BLK	1/4"	3/4"
TXRHF-95053-BLK	3/8"	3/4"

Part No.	NPT Size
Aluminum Male NPT Nipple	
TXRHF-96011-BLK	1/8"
Aluminum Female NPT Coupler	
TXRHF-96111-BLK	1/8"
Aluminum Internal Allen NPT Plug	
TXRHF-97001-BLK	1/16"
TXRHF-97011-BLK	1/8"
TXRHF-97022-BLK	1/4"
TXRHF-97033-BLK	3/8"
TXRHF-97044-BLK	1/2"
TXRHF-97055-BLK	3/4"
Aluminum Hex NPT Plug	
TXRHF-97111-BLK	1/8"
TXRHF-97133-BLK	3/8"
TXRHF-97144-BLK	1/2"

Sprint Inboard Brake Kit

RDB140-8400-PXR NEW!

Save weight and increase braking with this lightweight rear brake kit. The kit includes a .810" thick x 12" diameter rotor (titanium or stainless steel), a black anodized FeatherLite 4-piston sprint inboard caliper with three retaining brake pad pins, brake pads, bracket, and hardware.

Part	Description
Sprint Inboard Brake Kit Components	
RDB410-8500-PXR	Sprint Inboard Brake Kit with Stainless Steel Rotor
RDBTS-810-1200-87	12" Titanium Brake Rotor
RDB140-2878	Black Anodized Radial Mount Aluminum Caliper
RDB920-1120	Sprint Car Inboard Hub

Inboard Brake Kits

Inboard brake kits are extremely popular among professional Sprint Car racers. These are the lightest .810" kits available.

Part No.	Description
RDB410-8100B	Round Titanium Rotor, Black
RDB410-8113B	New Style, 3/8" Thick Rotor, Black

Left Front Brake Kits

Part No.	Description
RDB410-7200B	Left Front Brake Kit with Titanium Rotor, Black
RDB900-1310	Sliders for LF Caliper, Large
RDB900-1400	Aluminum Bleeders
RDB980-1200	Clevis Pin for LF Brake Caliper

Right or Left Rear Brake Kits

The advantage of the left rear brake over the right rear is that it helps hold the left rear down. This enables the car to turn faster and also provides more left rear drive up off the turn.

Part No.	Description
RDB410-9400B	Left or Right Rear Brake Kit with Titanium Rotor, Black
RDB980-2172	Clevis Pin for LR/RR Brake Caliper

Calipers

Calipers have 6061-T6 aluminum billet housings, PTFE-coated pistons with titanium domes, 600°F O-rings, and hard-coat outer surfaces.

Part No.	Description
RDB140-1006B	Single Piston, Floating LF, Black
RDB140-2078	Inboard, Feather Lite, .810" Radial Mount
RDB140-2078B	Feather Lite Sprint Inboard Caliper, 3.5" Radial Mount, 1.750"/1.875" Pistons, Black

Caliper Brackets

Part No.	Description
RDB930-0255	Left Front Sprint, Floating, Includes Two .250" Thick Spacers
RDB935-0541	Inboard, 4-Bolt Mount, Large Rear

Titanium Rotors

RDBTS-380-1040-655

Titanium, chrome moly ceramic-coated rotors are much stronger, with added gussets on the inside diameter and increased vane thickness. 7 pounds lighter than cast iron with three to four times the tensile and yield strength.

Part No.	Description
RDBT-250-1000-3	Rotor, Left Front
RDBTS-810-1040-655	Rotor, Inboard Round, Floating
RDBTS-380-1040-655	Rotor, Inboard, 3/8" Thick, New Style

Hardware and Clamps

RDB980-6220

Part No.	Description
RDB920-1104	Hub for Inboard Rotor with Bolts
RDB980-6000	For Sprint and Midget Front Rotors
RDB980-6220	1/8" x "1 Tall Aluminum Button Style

Brake Pads

RDBUL-101

Semi-metallic pad is designed for Red Devil Ultra-Lite 300, Outlaw 3000 and 4000, and Wilwood Superlite calipers. Pad is 4.75" long x .775" thick. Sold each.

RDBUL-104

Full-metallic pad is made for Red Devil Ultra-Lite single piston floating Outlaw 1000 and Wilwood Dynalite single-piston calipers. Pad is 1.97" long x .450" thick. Sold each.

RDBUL-200

Full-metallic pad is for use with Red Devil Ultra-Lite 270, Feather-Lite and LW 200 calipers. Pad is 4" long x .450" thick. For the .810" thick rotor. Sold each.

RDBUL-200-480

Full-metallic pad is for use with the new inboard calipers. Pad is 4" long x .450" thick. For the 3/8" thick rotor. Sold each.

RDBUL-300

Pad is designed for use with Red Devil Ultra-Lite 230, 240, and 250 calipers. Sold each.

Heat Shields

Shields are .065" thick titanium.

Part No.	Description
RDB170-0104	Shield for LF Caliper
RDB170-0200	Shields for Inboard Caliper

Brake Fluid

Rated for extreme service and 600°F plus dry boiling point for severe braking conditions. A non-silicone base fluid that will not turn black, it has special additives that lubricate and prevent galling. Guaranteed O-ring friendly. Sold in 12- or 32-oz. bottles.

12-oz. Bottle	32-oz. Bottle
RDB900-1012	RDB900-1032

ULTRA•SHIELD
RACE PRODUCTS

TC1 Junior and Small Adult Racing Seats NEW!

Made specifically for youth and small adults, TC1 racing seat is fabricated from .100" thick 5052 aluminum and features reinforced halo and shoulders, C-channel stiffener around the torso, upgraded head surround, and low-profile shoulder-to-head connectors for unsurpassed driver protection. Offered in 10° or 20° layback designs. Sold complete with full black cover.

Part No.	Description
Junior Racing Seats	
ULTT1JR110K	11" Wide Seat, 10° Layback
ULTT1JR210K	12" Wide Seat, 10° Layback
ULTT1JR310K	13" Wide Seat, 10° Layback
ULTT1JR410K	14" Wide Seat, 10° Layback
Small Adult Racing Seats	
ULTT1SA310K	13" Wide Seat, 10° Layback
ULTT1SA410K	14" Wide Seat, 10° Layback
ULTT1SA510K	15" Wide Seat, 10° Layback

TC1 Sprint 10° Layback Racing Seats NEW!

New and improved, TC1 seats are designed for chassis with tight clearances in the seating area. Constructed from .100" thick 5052 aluminum, seats include upgraded head surround, C-channel stiffener uprights from the torso to the shoulders, and small 45° inserts inside for added strength. Offered in standard, or 1" taller models. Sold complete with full black cover.

Part No.	Description
ULTT14030K	14" Wide Seat
ULTT14530K	14-1/2" Wide Seat
ULTT15030K	15" Wide Seat
ULTT15530K	15-1/2" Wide Seat
ULTT16030K	16" Wide Seat
ULTT14030TK	14" Wide Seat, 1" Taller
ULTT14530TK	14-1/2" Wide Seat, 1" Taller
ULTT15030TK	15" Wide Seat, 1" Taller
ULTT15530TK	15-1/2" Wide Seat, 1" Taller
ULTT16030TK	16" Wide Seat, 1" Taller

Platinum Pro Sprint Seats NEW!

Top-of-the-line Platinum Pro seat is fabricated from .100" and .125" grade 5052 aluminum and includes C-channel box stiffeners around the shoulders, back, and hips along with an upgraded head surround. Seat is additionally padded with high-density foam at the bottom, shoulders, and ribs. Offered in standard or 1" tall versions. Sold complete with full black cover.

Part No.	Description
ULTPPS400K	14" Wide Seat
ULTPPS450K	14-1/2" Wide Seat
ULTPPS500K	15" Wide Seat
ULTPPS550K	15-1/2" Wide Seat
ULTPPS600K	16" Wide Seat
ULTPPS400TK	14" Wide Seat, 1" Taller
ULTPPS450TK	14-1/2" Wide Seat, 1" Taller
ULTPPS500TK	15" Wide Seat, 1" Taller
ULTPPS550TK	15-1/2" Wide Seat, 1" Taller
ULTPPS600TK	16" Wide Seat, 1" Taller

TC1 Sprint 10° Layback Racing Seats with Halo NEW!

Manufactured from 5052 grade, .100" thick aluminum, TC1 racing seats include a 10° layback and feature an improved head surround halo system. C-channel stiffeners provide improved protection from the torso to the shoulders. Seats have 14" seat bottom and 25" shoulder belt openings, while available 1" taller seats are at 26". Sold complete with full black cover.

Part No.	Description
ULTT14030KPSSHALO	14" Wide Seat
ULTT14530KPSSHALO	14-1/2" Wide Seat
ULTT15030KPSSHALO	15" Wide Seat
ULTT15530KPSSHALO	15-1/2" Wide Seat
ULTT16030KPSSHALO	16" Wide Seat
ULTT14030TKPSSHALO	14" Wide Seat, 1" Taller
ULTT14530TKPSSHALO	14-1/2" Wide Seat, 1" Taller
ULTT15030TKPSSHALO	15" Wide Seat, 1" Taller
ULTT15530TKPSSHALO	15-1/2" Wide Seat, 1" Taller
ULTT16030TKPSSHALO	16" Wide Seat, 1" Taller

TC2 Sprint 10° Layback Racing Seats NEW!

TC2 seats are constructed from .100" and .125" thick 5052 grade aluminum and utilize a Sprint 10° layback design. Seats are fully reinforced with C-channel stiffeners around the shoulders, back, and hips, and a solid U-shaped box surrounds the head. Standard seat includes a 25" shoulder belt height, while the tall version raises shoulder belt holes, shoulders, and head surround 1". One-piece seats are sold complete with full black cloth cover.

Part No.	Description
ULTT24030K	14" Wide Seat
ULTT24530K	14-1/2" Wide Seat
ULTT25030K	15" Wide Seat
ULTT25530K	15-1/2" Wide Seat
ULTT26030K	16" Wide Seat
ULTT24030TK	14" Wide Seat, 1" Taller
ULTT24530TK	14-1/2" Wide Seat, 1" Taller
ULTT25030TK	15" Wide Seat, 1" Taller
ULTT25530TK	15-1/2" Wide Seat, 1" Taller
ULTT26030TK	16" Wide Seat, 1" Taller

Micro 600 Racing Seats NEW!

Fabricated 5052 grade aluminum racing seats are designed specifically for Micro 600 sprints and include a 10° layback. Seats include upgraded head surround, C-channel stiffeners in torso, legs, and shoulders along with offset head for HANS or other head and neck restraints. Offered in junior sizes with 18" shoulder belt height. Sold complete with full black cover.

Part No.	Description
ULT600MJ100K	11" Wide Seat
ULT600MJ150K	11-1/2" Wide Seat
ULT600MJ200K	12" Wide Seat
ULT600MJ250K	12.5" Wide Seat
ULT600MJ300K	13" Wide Seat
ULT600MJ350K	13-1/2" Wide Seat
ULT600MJ400K	14" Wide Seat

ULTRA-SHIELD
RACE PRODUCTS

FC1 Circle Track Seats NEW!

FC1 (Full Containment 1) circle track seats include an innovative, two-piece design that allows easy assembly and installation. Standard shoulder belt height is 25", while 1" taller seats are at 26". Constructed from grade 5052 aluminum, seats are offered in 10° designs with 14" through 18" hip widths. Sold complete with black cover.

Size	10° Seat	10° Seat/ 1" Taller
14"	ULTFC410	ULTFC410T
15"	ULTFC510	ULTFC510T
16"	ULTFC610	ULTFC610T
17"	ULTFC710	ULTFC710T
18"	ULTFC810	—

FC2 Circle Track Seats NEW!

Top-of-the-line, FC2 (Full Containment 2) circle track seats are constructed from .100" thick, grade 5052 aluminum and feature a one-piece, wraparound head cover for unsurpassed driver protection. Two-piece seat bolts together at the rear rather than at the shoulders. Offered in 10° or 20° layback designs and 14" through 18" hip widths. Sold complete with black cover.

Size	10° Seat
14"	ULTFC2410K
15"	ULTFC2510K
16"	ULTFC2610K
17"	ULTFC2710K
18"	ULTFC2810K

SFI 39.2 Sprint 10° Layback Seats

Fabricated from 5052 aluminum, 39.2 SFI-approved Sprint seat features a 10° layback design. Seat includes SFI 45.2 approved foam in the right and left head supports and a 15" deep bottom for added support. The head support bolts to the seat, allowing an easier install. Offered in 14" through 17" hip widths, seat is sold complete with black cover.

Part No.	Description
ULT3921500K	15" Sprint Seat with Cover
ULT3921600K	16" Sprint Seat with Cover
ULT3921700K	17" Sprint Seat with Cover

Economy Full Containment Halo Seats

These full containment seats are designed to give racers a real, full containment seat at an economy price. Made from .125" 5052 aluminum with an aluminum extrusion around the perimeter of the seat and seat belts. New two-piece design allows for smaller packaging and easier installation into tight cars. Available in 10° layback with ribs set at 17" high. Sold complete with full black cover.

Size	10° Seat
14"	ULTFC410
15"	ULTFC510
16"	ULTFC610
17"	ULTFC710
18"	ULTFC810

VS Halo Seats

VS (Value Series) racing seats are constructed from .100" thick 5052 aluminum and feature reinforced halo, shoulders, torso, and thigh areas. Head support bolts to seat, easing installation. Available in 13" through 18" hip sizes with 10° or 20° layback in standard (25" shoulder belt holes) or 1" tall (26" shoulder belt holes) versions. Sold complete with black cover.

Size	Standard
14", 10°	ULTFC2410K
15", 10°	ULTFC2510K
16", 10°	ULTFC2610K
17", 10°	ULTFC2710K
18", 10°	ULTFC2810K

Full-Containment Halo Seats

Designed to give racers a real full-containment seat at an economy price, these seats are made from .125" 5052 aluminum with an aluminum extrusion around the perimeter of the seat and seat belts. New two-piece design allows for smaller packaging and easier installation into tight cars. Available in 10° layback with ribs set at 17" high. Sold complete with full black cover.

Size	10° Seat
14"	ULTFC410
15"	ULTFC510
16"	ULTFC610
17"	ULTFC710
18"	ULTFC810

Latch-and-Link 5-Pt. Racing Harnesses

Constructed using high-strength, 3" and 1-3/4" polyester webbing with forged, "duckbill" latch, 5-pt. harnesses meet SFI 16.1 specifications. Standard harness has a 3" latch, while Sprint unit includes a 2" latch. Includes wrap-around ends on webbing with bolt-in plates included. HANS-compatible harnesses include 3" shoulder belts that transition to 1-3/4". Choose from black, blue, or red.

Description	Part No.
Black	
Standard Harness, Ind. Shoulder	ULTHB22001
HANS Harness, Ind. Shoulder	ULTHB22001H
Sprint Harness, Ind. Shoulder	ULTHB22031
Sprint Harness, Ind. Shoulder	ULTHB22031SPL*
Sprint HANS Harness, Ind. Shoulder	ULTHB22031H
Standard Harness, "V" Shoulder	ULTHB22031V
Junior Harness, Ind. Shoulder, 2"	ULTHB46031

**** Signifies harness with single pull lap adjuster.***

ULTRA•SHIELD
RACE PRODUCTS

Camlock 5-Pt. Racing Harnesses

Top-of-the-line, 5-pt. racing harnesses utilize a machined, quarter-turn cam-lock buckle that is combined with high-strength 3" and 1-3/4" polyester webbing. Meeting SFI 16.1 specifications, wrap-around ends are installed on webbing with included bolt-in plates. Offered in black only.

Part No.	Description
Standard Harness, Individual Shoulder	
ULTHB22411	Pull-Down Adjust
Junior Harness, Individual Shoulder	
ULTHB46201	3", Pull-Down Adjust

Arm Restraints

Arm restraints are made from 1" wide polypropylene webbing. Y-type restraints are offered in SFI 3.3 approved for junior, non-SFI configurations. Sold per pair. Black only.

Part No.	Description
ULT38511	Arm Restraints, SFI-Approved
ULT48511	Jr. Arm Restraints, Non-SFI

Replacement Buttons

Eccentric buttons replace worn shield buttons to securely mount tear-aways.

Part No.	Description
ULT1901	Aluminum Buttons, Pair
ULT1902	Plastic Buttons, Pair

Leg Supports

Leg supports, offered in standard or lightweight versions, bolt directly to the seat bottom for added leg and knee protection in the event of a crash. Cover, in black only, must be purchased separately.

Description	Leg Support	Cover
Right Leg Support	—	ULT91041
Left Leg Support	ULT91051K	ULT91051
Lightweight Right Leg Support	ULT91041K	ULT91041
Lightweight Left Leg Support	ULT91071K	ULT91051

Sprint Knee Guard Cover

ULT91081K

Fastens to sides of seat bottom for added protection of knees in sprint cars. Black.

Tear-Aways

Ultra-Shield tear-aways are made from high-quality, specially coated 2-mil plastic for a tight, wrinkle-free fit. Coating provides maximum visibility without distortion. Standard tear-aways are sold in a box of 200, whille smoke-tinted are offered in packs of five.

Description	Box (200 Pcs.)	Smoke (5 Pcs.)
11-1/2" Post Centers/Straight/Simpson, Arai, Racequip	ULT01201	ULTS01
12-3/8" Post Centers/Curved/Bell, G-Force, Pyrotech	ULT01202	ULTS02
11-1/2" Post Centers/Curved/Simpson SX, Voyager	ULT01203	—
11-1/2" Post Centers/Nose Notch/ Simpson RX, Bandit, Diamondback	ULT01204	ULTS04
11-1/2" Post Centers/3"/Impact Champ	ULT01207	—
12" Post Centers/Straight/ Simpson (Older Bandits), Sparco	ULT01208	—
13" Post Centers/Curved/Simpson Shark	ULT01209	ULTS09
11-1/2" Post Centers/Bell SE03/ SE05, GP.3, GTX.3, GT5, HP5	ULT01211	ULTS11
10-3/4" Post Centers/Bieffe	ULT01212	—
13" Post Centers/Simpson Shark, Vudo, Draft, Spider, Invader, Valor	ULT01213	—
11-3/4" Post Centers/Impact Vapor, Charger	ULT01214	ULTS14
11-3/4" Post Centers/Impact Champ	ULT01215B	—
11-1/2" Post Centers/Straight/HJC	ULT01217	—
12-1/4" Post Centers/Curved/Bell Vador	ULT01218	—
12-3/8" Post Centers/Arai Auto Line	ULT01220	—
12-3/8" Post Centers/Bell 281/288, Sport, M.4, BR.1	ULT01222	ULTS22
12-1/4" Post Centers/Bell 287, GP.2, GTX.2, M.8, Dominator, Star Infusion	ULT01223	—
12-1/4" Post Centers/Bell 276, K.1 Sport	ULT01224	—
12-1/4" Post Centers/Curved/Bell Star	ULT01225	ULTS25
12-3/4" Post Centers/Bell SE07	ULT01227	—
13" Post Centers, Simpson Venator	ULT01229	—
11-5/8" Post Centers/Impact Vapor, Charger	ULT01230	—
12-1/4" Post Centers/ Zamp RZ-34, RZ-34H, RZ-55, FSA-2	ULT01256	ULTS56
12-3/8" Post Centers/ Bell Sport EV, Racequip (All Exc. VESTA15)	ULT01280	ULTS80

VAN-K WHEELS

NEW VENDOR

P-Zero PRO-Series 6" Kart Wheels

Popular with oval track dirt kart racers, premium quality 6061-T6 aluminum wheels are fully machined, perfectly balanced, and feature zero runout. Wheels listed include a 3 x 2-1/2" bolt pattern and 1-3/4" register.

Part No.	Description
Black Anodized Wheels	
VAN325.6600.25	6" Dia. x 6" Wide, 2-1/2" Back Spacing
VAN325.6650.25	6" Dia. x 6-1/2" Wide, 2-1/2" Back Spacing
Machined Finish Wheels	
VAN326.6600.25	6" Dia. x 6" Wide, 2-1/2" Back Spacing
VAN326.6650.25	6" Dia. x 6-1/2" Wide, 2-1/2" Back Spacing

All-In-One Silicone

Premium-grade RTV silicone can fulfill all of a racer's sealing needs. Colors are low-volatility, oxygen sensor-safe, and will withstand high temperatures. 3-oz. tubes or 11.3-oz. cartridges.

Description	3-oz. Tube	11.3-oz. Cartridge
Clear All-in-One Silicone	VLC71105	VLC71112
Black All-in-One Silicone	VLC71135	VLC71142
Aluminum All-in-One Silicone	VLC71195	VLC71202

Tube-Grip® *VLC71416*

Tube-Grip® is an innovative, 14-gauge steel tool that can easily dispense material from flexible tubes with no waste. Applies 10 times the pressure of squeezing by hand and dispenses up to 35% more material out of each tube.

Hylomar® Gasket Maker

Non-hardening, polyurethane-based Hylomar is impervious to gasoline, oil, and any automotive fluid. Use Hylomar as a gasket maker, gasket dressing, or thread sealant.

Part No.	Description
VLC71255	Hylomar Blue, Medium, 1.5-oz. Tube
VLC71260	Hylomar Blue, Medium, 250 ml Brush-Top Can
VLC71283	Hylomar Blue, Medium, 100 gram Tube
VLC71301	Hylomar, 3.5-oz. Tube
VLC71522*	Hylomar M, 2.5-oz. Tube

**** Hylomar M was previously known as Racing Formula.***

HV-350™ Adhesive/Sealant *VLC71155*

Valco HV-350's elasticity and abrasion resistance make it ideal for high-vibration applications. Sandable material bonds both chemically and mechanically, and can be used on porous and non-porous substrates such as wood, glass, plastic, vinyl, metal, fabric, and even concrete. Can be thinned with solvents such as Valco Solvent 184 or lacquer thinner and be brushed on as a protective coating. Sold in 3.35-oz. tube.

Epoxi•Putty *VLC71636*

Kneadable steel-reinforced Epoxy•Putty cures rock-hard within minutes of mixing. Can be drilled, tapped, or filed after 1 hour and can withstand temperatures up to 500°F. Packaged in 2-oz. clear cylinder with cap.

Peeler *VLC71688*

Removes silicone, paper, or fiber gasket material more quickly and easily than a gasket scraper. Short, easy-to-hold Peeler has a unique, self-leveling blade assembly that won't dig in or gouge surfaces and maintains a good, sharp cutting edge.

Thread Locker, Medium Strength Blue *VLC71620*

Anaerobic compounds developed for locking, retaining, and sealing fasteners or components will work in a wide temperature range and resist water and lubricants. Available in medium strength for parts that need periodic disassembly. 10 ml bottle.

White Lithium Grease *VLC795903*

Multi-purpose, 12-hydroxy, lithium-based grease has outstanding resistance to water and is perfect for high-speed, heavy-load applications. Mechanically stable lubricant also contains oxidation and corrosion inhibitors. 8-oz. tube.

Magic Mix® Metal Cleaner and Polish

The "Lazy Man's Polish" shines and protects aluminum, stainless steel, diamond plate, brass, gold, silver, magnesium, and copper. Magic Mix® removes oxidation, tar, and bugs from paint and even removes rust from chrome. For tough stains, clean and prepare metal with Magic Mix® metal cleaner.

Part No.	Description
8-oz. Each	
VLC71610	Magic Mix® Cleaner and Polish Set
VLC71611	Magic Mix® Polish
16-oz. Bottle	
VLC71640	Magic Mix® Polish
VLC71644	Magic Mix® Speed Wax

Ground Shipment Only

Gel Lube *VLC71756*

Unique cam lubricant sprays on as a liquid and instantly forms into a gel. Ideal for use during engine assembly to prevent corrosion. Blends together with motor oil. Excellent corrosion protection for any engine or transmission which will be stored.

VR1 Racing Formula Motor Oil

Oil is used by circle track racers in all classes, from Street Stock to Sprint Cup. Reduces engine wear and sludge, controls foaming, and maintains peak engine power. Sold in one-quart bottles.

Description	Part No.
SAE 10W-30	VAL822388-C
SAE 20W-50	VAL822347-C
SAE 30	VAL822401-C
SAE 40	VAL822390-C
SAE 50	VAL822350-C
SAE 60	VAL822403-C

Synthetic Motor Oil

Valvoline's 100% synthetic motor oil delivers superior lubrication, performance, and extreme temperature protection. Extensive testing has proven increased horsepower, less wear, and cooler engine temperatures. Sold in one-quart bottles.

Part No.	Description
VAL179	SAE 5W-30
VAL935	SAE 10W-30
VAL945	SAE 20W-50

Premium Conventional Motor Oil

Specially formulated motor oils include advanced additive technology and premium base oils for high performance and improved engine life. Multi-viscosity grades offer protection, while mono-grade oils are formulated for warmer conditions. Sold in one-quart bottles.

Description	Part No.
SAE 5W-30	VAL797975-C
SAE 10W-30	VAL797578-C
SAE 10W-40	VAL797671-C
SAE 20W-50	VAL822344-C
SAE 30	VAL797978-C

Automatic Transmission Fluid Type F *VAL822387-C*

Premium quality transmission fluid meets Ford spec. M2C33-F. Sold in one-quart bottles.

High-Performance 75W90 Synthetic Gear Oil *VAL975*

100% synthetic, extreme-pressure 75W90 lubricant withstands high and low temperatures and may be used in conventional or limited slip differentials. Sold in one-quart bottles.

High-Performance 80W90 Gear Oil *VAL831*

Offers superior protection to differential gears and bearings. Meets or exceeds requirements in all rear axles, including limited-slip types. Meets API Services GL-5, GL-6 ratings. Sold in one-quart bottles.

Val-Plex EP® Grease *VAL614*

Premium quality, multi-purpose wheel bearing grease is formulated for maximum performance and protection. Resists high temperatures and withstands heavy loads. One-pound can.

Kyle Cummins — Photo by: DenHamer Photos

Brady Bacon — Photo by: DenHamer Photos

vibrant performance

Weld Bungs

Male and female aluminum and mild steel weld bungs for radiators, oil pans, custom tanks, and plumbing.

VIB11150

VIB11270

Steel	Aluminum	Description
Male		
—	VIB11150	-4AN, 7/16"-20 SAE Thread, 3/4" Flange O.D.
VIB11251	VIB11151	-6AN, 9/16"-18, 7/8" Flange O.D.
VIB11252	VIB11152	-8AN, 3/4"-16, 1" Flange O.D.
VIB11253	VIB11153	-10AN, 7/8"-14, 1-1/8" Flange O.D.
VIB11254	VIB11154	-12AN, 1-1/16"-12, 1-3/8" Flange O.D.
VIB11255	VIB11155	-16AN, 1-5/16"-12, 1-5/8" Flange O.D.
VIB11256	VIB11156	-20AN, 1-5/8"-12, 1-3/4" Flange O.D.
Female		
—	VIB11164	-12AN, 1-1/16", 1-3/8" O.D.
VIB11270	VIB11170	1/8"-27 NPT, 3/4" O.D.
VIB11271	VIB11171	1/4"-18 NPT, 7/8" O.D.
VIB11273	VIB11173	1/2"-14 NPT, 1-1/4" O.D.
VIB11274	—	3/4"-14 NPT, 1-3/8" O.D.
—	VIB11175	1"-11 NPT, 1-5/8" O.D.

Push-On Style Hose End Fittings

Manufactured from durable 6061 aluminum alloy, push-on style fittings have a black anodized finish. Offered in a variety of configurations and sizes.

Size	Straight	45°	90°	120°	150°	180°
-4	VIB22004	—	VIB22904	—	—	—
-6	VIB22006	VIB22406	VIB22906	VIB22206	VIB22506	VIB22806
-8	VIB22008	VIB22408	VIB22908	VIB22208	—	VIB22808
-10	VIB22010	VIB22410	VIB22910	VIB22210	—	—
-12	VIB22012	VIB22412	VIB22912	—	—	—

Synthetic Rubber/Nylon Braided Flex Hose

Lightweight, durable synthetic rubber/nylon hose is fully compatible with oil, water, coolant, and fuel, including E85. Capable of handling operating temperatures from -40° to 300°F and elevated pressures up to 500 PSI.

Hose Size	2' Length	5' Length	10' Length	20' Length
Black Hose				
-4	VIB11954	VIB11984	VIB11964	VIB11974
-6	VIB11956	VIB11986	VIB11966	VIB11976
-8	VIB11958	VIB11988	VIB11968	VIB11978
-10	VIB11960	VIB11990	VIB11970	VIB11980
-12	VIB11962	VIB11992	VIB11972	VIB11982
-16	VIB11963	VIB11993	VIB11973	VIB11983
-20	VIB11965	VIB11995	VIB11975	VIB11985
Black Hose With Red Tracer				
-4	—	VIB11984R	VIB11964R	—
-6	—	VIB11986R	VIB11966R	VIB11976R
-8	—	VIB11988R	VIB11968R	VIB11978R
-10	—	VIB11990R	VIB11970R	VIB11980R
-12	—	VIB11992R	VIB11972R	VIB11982R
Black Hose With Blue Tracer				
-4	—	—	VIB11964B	—
-6	—	VIB11986B	VIB11966B	VIB11976B
-8	—	VIB11988B	VIB11968B	VIB11978B
-10	—	VIB11990B	VIB11970B	VIB11980B
-12	—	VIB11992B	—	VIB11982B

Stainless Steel Braided Flex Hose

Premium-quality hose is capable of withstanding -40° to 300°F and pressures of up to 1,000 PSI. Hose has a T300 stainless steel braided cover and is suited for use with oil, water, coolant, and most fuels, including E85.

Hose Size	2' Length	5' Length	10' Length	20' Length
-4	VIB11904	VIB11934	VIB11914	VIB11924
-6	VIB11906	VIB11936	VIB11916	VIB11926
-8	VIB11908	VIB11938	VIB11918	VIB11928
-10	VIB11910	VIB11940	VIB11920	VIB11930
-12	—	VIB11942	VIB11922	VIB11932
-16	VIB11913	VIB11943	VIB11923	VIB11933
-20	VIB11915	VIB11945	—	—

PTFE-Lined Flex Hose, -6AN x 20'

VIB18976

Fully compatible with a wide range of coolants and lubricants, hose has a PTFE-lined inner and is offered with a durable, braided black nylon outer.

Male Hose End Fittings

Identical to traditional aluminum hose ends, yet with a male flare. Offered in straight, non-swivel only. Black anodized.

Size	Part No.
-6	VIB24006
-8	VIB24008
-10	VIB24010

Hose End to ORB Fittings

VIB24402

Offered in 45° and 90° versions, special hose ends simplify plumbing by allowing direct connection of hose end to applications featuring ORB ports. Black anodized.

Dash Size	ORB Size	45°	90°
-6	-6 (9/16"-18)	—	VIB24902
-6	-8 (3/4"-16)	—	VIB24903
-8	-8 (3/4"-16)	—	VIB24905
-10	-10 (7/8"-14)	—	VIB24908
-12	-10 (7/8"-14)	—	VIB24910
-12	-12 (1-1/16"-12)	VIB24411	VIB24911
-16	-12 (1-1/16"-12)	—	VIB24912
-16	-16 (1-5/16"-12)	VIB24414	VIB24914

Hose Cutting Shears

VIB2989

Heavy-duty steel shears quickly and precisely cut through -3AN to -20AN braided or non-braided flex hose.

Hose End to NPT Fittings

Dash Size	NPT Size	Straight	45°	90°
-6	1/4"	—	—	VIB26901
-6	3/8"	VIB26002	—	VIB26902
-8	3/8"	—	VIB26404	VIB26904
-8	1/2"	—	—	VIB26905
-10	3/8"	—	—	VIB26906
-10	1/2"	VIB26007	VIB26407	—

vibrant performance

Hose End Fittings

Constructed from durable 6061 aluminum alloy with a black anodized finish, swivel-style hose end fittings are offered in a variety of configurations and sizes.

Size	Straight	30°	45°	60°	90°	90° Forged	120°	150°	180°
-4	VIB21004	VIB21304	VIB21404	VIB21604	VIB21904	—	VIB21204	VIB21504	VIB21804
-6	VIB21006	VIB21306	VIB21406	VIB21606	VIB21906	VIB21986	VIB21206	VIB21506	VIB21806
-8	VIB21008	VIB21308	VIB21408	VIB21608	VIB21908	—	VIB21208	VIB21508	VIB21808
-10	VIB21010	VIB21310	VIB21410	VIB21610	VIB21910	VIB21990	VIB21210	VIB21510	VIB21810
-12	VIB21012	VIB21312	VIB21412	VIB21612	VIB21912	—	VIB21212	VIB21512	VIB21812
-16	VIB21016	VIB21316	VIB21416	VIB21616	VIB21916	VIB21996	VIB21216	VIB21516	VIB21816
-20	VIB21020	VIB21320	VIB21420	VIB21620	VIB21920	VIB21820	VIB21220	VIB21520	VIB21820

Aluminum AN Flare Adapters

Union

Part No.	"A" Dash Size	"B" Dash Size
VIB10230	-3	-3
VIB10232	-6	-6
VIB10233	-8	-8
VIB10234	-10	-10
VIB10235	-12	-12
VIB10236	-16	-16

90° Union

Part No.	"A" Dash Size	"B" Dash Size
VIB10550	-3	-3

Female Union

Part No.	"A" Dash Size	"B" Dash Size
VIB10700	-3	-3
VIB10701	-4	-4
VIB10702	-6	-6
VIB10703	-8	-8
VIB10704	-10	-10
VIB10705	-12	-12
VIB10706	-16	-16

Female 45° Union

Part No.	"A" Dash Size	"B" Dash Size
VIB10712	-6	-6
VIB10713	-8	-8
VIB10714	-10	-10
VIB10715	-12	-12

Female 90° Union

Part No.	"A" Dash Size	"B" Dash Size
VIB10731	-4	-4
VIB10732	-6	-6
VIB10733	-8	-8
VIB10734	-10	-10
VIB10735	-12	-12

Male Reducer

Part No.	"A" Dash Size	"B" Dash Size
VIB10432	-6	-8
VIB10433	-6	-10

Aluminum AN Flare Adapters - Cont.

Female to Male Reducer

Part No.	"A"/Female Dash Size	"B"/Male Dash Size
VIB10830	-4	-3
VIB10832	-6	-4
VIB10833	-8	-6
VIB10834	-10	-6
VIB10835	-10	-8
VIB10837	-12	-10

Female to Male Expander

Part No.	"A"/Female Dash Size	"B"/Male Dash Size
VIB10841	-4	-6
VIB10842	-6	-8
VIB10843	-8	-10
VIB10844	-10	-12

Flare Tee

Part No	"A" Dash Size	"B" Dash Size	"C" Dash Size
VIB10480	-3	-3	-3
VIB10482	-6	-6	-6
VIB10483	-8	-8	-8
VIB10484	-10	-10	-10

Aluminum Tubing Adapters

Specialized fittings allow mating aluminum tubing to AN-sized fittings. Each fitting includes brass olive insert.

Male	Female
-6AN to .3125" (5/16") Tube Size	
VIB16455	VIB16445
-6AN to .375" (3/8") Tube Size	
VIB16456	VIB16446
-8AN to .500" (1/2") Tube Size	
VIB16458	VIB16448

Aluminum Hard Line

Lightweight aluminum hard line is suited to a variety of applications. Sold in 25' rolls.

Part No.	Description
VIB16410	5/16" O.D.
VIB16411	3/8" O.D.
VIB16412	1/2" O.D.

Flare to Hose Barb

Part No.	"A" Dash Size	"B" Hose Size
VIB11207	-6	3/8"
VIB11208	-8	1/2"
VIB11209	-10	1/2"

vibrant performance

Aluminum AN Flare Adapters - Cont.

Female Flare to Hose Barb

Part No.	"A" Dash Size	"B" Hose Size
VIB11215	-6	5/16"

Straight Bulkhead

Part No.	Dash Size
VIB10680	-3
VIB10682	-6
VIB10686	-16

90° Bulkhead

Part No.	"A" Dash Size	"B" Dash Size
VIB10610	-6	-6
VIB10611	-8	-8
VIB10612	-10	-10

Tee Bulkhead on the Side

Part No.	"A" Dash Size	"B" Dash Size	"C" Dash Size
VIB10616	-3	-3	-3

Fuel Cell Bulkhead

Part No.	Dash Size
VIB16896	-16

Bulkhead Locknut

Part No.	Dash Size
VIB10692	-6

Flare Cap

Part No.	Dash Size
VIB10451	-4
VIB10452	-6
VIB10453	-8
VIB10454	-10
VIB10455	-12

Flare Plugs

Part No.	Dash Size
VIB10442	-6AN

Low-Profile Port Plug

Part No.	Dash Size
VIB10993	-8

Inverted Flare-to-AN Adapter

Part No.	"B" Flare Size
VIB16436	5/8"-18

Aluminum AN Flare Adapters - Cont.

Flare to ORB

Part No.	"A" Dash Size	"B" Dash Size
VIB16822	-4	-6 (9/16"-18)
VIB16826	-6	-6 (9/16"-18)
VIB16827	-6	-8 (3/4"-16)
VIB16828	-6	-10 (7/8"-14)
VIB16830	-8	-6 (9/16"-18)
VIB16831	-8	-8 (3/4"-16)
VIB16832	-8	-10 (7/8"-14)
VIB16833	-8	-12 (1-1/16"-12)
VIB16834	-10	-6 (9/16"-18)
VIB16835	-10	-8 (3/4"-16)
VIB16836	-10	-10 (7/8"-14)
VIB16837	-10	-12 (1-1/16"-12)
VIB16840	-12	-10 (7/8"-14)
VIB16841	-12	-12 (1-1/16"-12)
VIB16844	-16	-12 (1-1/16"-12)
VIB16845	-16	-16 (1-5/16"-12)

Aluminum Flare-to-Pipe Adapters

Dash Size	NPT Size	Straight	45°	90°
-3	1/8"	VIB10290*	—	—
-3	1/8"	VIB10291	VIB10240	VIB10250A†
-4	1/8"	VIB10292*	—	—
-4	1/8"	VIB10293	VIB10241	VIB10251A†
-4	1/4"	VIB10216	—	VIB10256
-4	3/8"	VIB10213	—	VIB10286
-6	1/8"	VIB10217	—	—
-6	1/4"	VIB10220	VIB10242	VIB10252A†
-6	3/8"	VIB10222	VIB10245	VIB10258
-6	1/2"	VIB10218	—	VIB10249
-8	1/4"	—	—	VIB10267
-8	3/8"	VIB10221	—	VIB10253
-8	1/2"	VIB10225	—	VIB10268
-10	3/8"	VIB10223	—	VIB10259
-10	1/2"	VIB10294	VIB10297	VIB10254
-10	3/4"	VIB10226	—	—
-12	1/2"	—	—	—
-12	3/4"	VIB10224	—	VIB10255
-16	1"	VIB10228	—	—

** Signifies steel fitting. † Signifies blue anodized.*

Tee Pipe on the Side

Part No.	"A" Dash Size	"B" Dash Size	"C" NPT Size
VIB10460	-3	-3	1/8"

vibrant performance

Aluminum Pipe Adapters

Male NPT Nipple

Part No.	NPT Size
VIB10370	1/8"

Female NPT Coupler

Part No.	NPT Size
VIB10383	1/2"

Female NPT Adapter

Part No.	"A" NPT Size	"B" NPT Size	"C" NPT Size
VIB10860	1/8"	1/8"	1/8"
VIB10863	1/2"	1/2"	1/2"

Male NPT to Hose Barb

Part No.	"A" NPT Size	"B" Hose Size
VIB11200	1/8"	1/4"
VIB11202	3/8"	1/2"
VIB11203	1/2"	5/8"

Male NPT to 45° Hose Barb

Part No.	"A" NPT Size	"B" Hose Size
VIB11220	1/8"	1/4"
VIB11221	1/4"	3/8"
VIB11222	3/8"	1/2"
VIB11223	1/2"	5/8"

Male NPT to 90° Hose Barb

Part No.	"A" NPT Size	"B" Hose Size
VIB11230	1/8"	1/4"
VIB11231	1/4"	3/8"
VIB11232	3/8"	1/2"
VIB11233	1/2"	5/8"

Aluminum Pipe Adapters - Cont.

Internal Allen NPT Plug

Part No.	NPT Size
VIB10490	1/8"
VIB10491	1/4"
VIB10492	3/8"
VIB10493	1/2"
VIB10494	3/4"

Billet Y-Block

Part No.	"A" NPT Size	"B" NPT Size	"C" NPT Size	"D" NPT Size
VIB10820	3/8"	3/8"	3/8"	1/8"
VIB10821	1/2"	3/8"	3/8"	1/8"
VIB10822	1/2"	1/2"	1/2"	1/8"

Pressure Gauge Adapters

Part No.	Description
1/8" NPT Port	
VIB16484	-4AN Female to -4AN Male Union
VIB16486	-6AN Female to -6AN Male Union
VIB16488	-8AN Female to -8AN Male Union

Dry-Break Quick-Release Adapter Fittings

Lightweight, billet 6061 aluminum fittings allow quick disconnection of fuel, oil, coolant, or transmission lines without leakage. ***NOTE: Not for use with brake or other hydraulic pressure systems.***

Part No.	Description
VIB20806	-6AN
VIB20808	-8AN

Ball Style Check Valve *VIB11118*

Durable, 6061 aluminum in-line one-way check valves. -8AN Male & -8AN Female Ports. Black anodized.

Stainless Steel Cushion P-Clamps

Lightweight, stainless steel cushion clamps are commonly used to secure fuel, brake or transmission lines. Sold in pack of 10.

Part No.	Description
VIB17190	Fits 1/4" O.D. Hose
VIB17191	Fits 5/16" O.D. Hose
VIB17192	Fits 1/2" O.D. Hose
VIB17193	Fits 5/8" O.D. Hose
VIB17194	Fits 3/4" O.D. Hose
VIB17195	Fits 1" O.D. Hose

AN Wrench Set *VIB20989*

Wrench set eases the tightening or loosening of AN-style fittings, preventing slipping and the associated damage. Wrenches are made from durable black anodized billet aluminum. Set includes -4AN, -6AN, -8AN, -10AN, -12AN, and -16AN. Wrenches may also be purchased separately.

Part No.	Description
VIB20906	-6AN Wrench Only
VIB20916	-16AN Wrench Only

Aluminum Vise Jaws *VIB20990*

Set installs in most popular vises, and allows the securing of aluminum fittings during assembly. Made from durable billet aluminum.

vibrant performance

Weld-On Radiator Filler Neck

Required when fabricating radiators, overflow tanks, etc., filler neck is machined from durable billet aluminum.

Part No.	Description
VIB20982	Weld-On Radiator Filler Neck
VIB20983	Radiator Cap for Filler Neck

Crankcase Breather Filters

Breathers use a cotton gauze element and are topped with a chrome cap.

Part No.	Cone Diameter	Filter Height	Inlet Diameter
VIB2164	2-3/16"	2-5/8"	3/4"
VIB2165	2-3/16"	2-5/8"	3/8"
VIB2168	2-3/16"	2-5/8"	1"

Heat Protect Flexible Sleeving

Fiberglass-based material offers protection to wiring, hoses, and cables from heat and abrasion. Capable of withstanding up to 500°F. Black only.

Part No.	Description
VIB25810	1/2" I.D. x 5' Long
VIB25811	3/4" I.D. x 5' Long
VIB25812	7/8" I.D. x 5' Long
VIB25813	1" I.D. x 5' Long
VIB25815	5/8" I.D. x 5' Long

ExtremeShield 1200 Flexible Tubing

Consisting of an aluminized outer layer bonded to fiberglass, ExtremeShield 1200 provides protection to wires, hoses, and cables from temperatures up to 1,200°F. Silver only.

NOTE: Measure components to be covered carefully as ExtremeShield 1200 is not expandable.

Part No.	Description
VIB25820	1/2" I.D. x 5' Long
VIB25821	3/4" I.D. x 5' Long

ExtremeShield 1400 Flexible Reflective Wrap

Aluminized thermal reflective wrap split tubing is ideal for use on components that may not be easily disassembled such as wiring or cables. Pre-formed split tubing includes a high-temperature adhesive strip to offer protection from temperatures up to 1,400°F. Silver only.

Part No.	Description
VIB25830	1/2" I.D. x 4' Long
VIB25831	3/4" I.D. x 4' Long
VIB25832	1" I.D. x 4' Long
VIB25833	1-1/4" I.D. x 4' Long
VIB25834	1-1/2" I.D. x 4' Long

Spark Plug Boot Insulators

Slip-on, braided fiberglass insulation sleeves are 3/4" dia. x 8" long, and provide effective protection to spark plug boots from temperatures up to 1,200°F. Choose from natural or black. Sold in packs of four.

Part No.	Description
VIB25890	Natural
VIB25891	Black

Flexible Split Sleeving

Flexible and lightweight, polyethylene tubing is tough enough to withstand up to 100 PSI and temperatures up to 140°F and may be used to protect coolant hoses, cables, wires, etc. Flexible braided sleeves may be installed without disassembly.

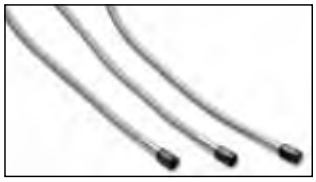
Part No.	Description
VIB25800	1/4" I.D. x 10' Long
VIB25801	1/2" I.D. x 10' Long
VIB25802	3/4" I.D. x 10' Long
VIB25804	1" I.D. x 5' Long
VIB25806	1-1/2" I.D. x 5' Long

Line Separators

Aluminum line separators allow neatly pairing vacuum, brake, or fuel lines.

Part No.	Description
VIB20605	3/16" I.D. Holes
VIB20606	1/4" I.D. Holes
VIB20608	5/16" I.D. Holes
VIB20609	3/8" I.D. Holes
VIB20611	7/16" I.D. Holes
VIB20612	1/2" I.D. Holes
VIB20613	17/32" I.D. Holes
VIB20614	9/16" I.D. Holes
VIB20616	5/8" I.D. Holes
VIB20617	11/16" I.D. Holes
VIB20619	3/4" I.D. Holes
VIB20620	13/16" I.D. Holes
VIB20622	7/8" I.D. Holes
VIB20624	15/16" I.D. Holes
VIB20625	1" I.D. Holes

Universal Oil Feed Lines



Each PTFE-lined stainless steel hose is ready to install and fitted with female AN fittings.

Part No.	Description
VIB10271	-3AN Hose, 3' Long
VIB10272	-3AN Hose, 4' Long
VIB10275	-4AN Hose, 2' Long
VIB10276	-4AN Hose, 3' Long
VIB10277	-4AN Hose, 4' Long

Oil Restrictor Fitting Kits

Allows effectively limiting oil flow to the turbo, thereby preventing oil seal damage. Each kit includes (1) .030" and (1) .045" threaded restrictors, fitting with .060" oil passage, Allen key, and Loctite.

Part No.	Description
VIB10287	-4AN x 7/16"-24
VIB10288	-3AN x 1/8" NPT
VIB10289	-4AN x 1/8" NPT

Push-On Style Hose

Premium-quality AN hose, engineered for use with Vibrant push-on style hose ends and fittings, is suitable for use with oil, water, coolant, vacuum, and fuel, including E85. Hose withstands -40° to 212°F at up to 250 PSI. Hose clamps are required when oil system temperatures exceed 150°F.

Hose Size	10' Length	20' Length
-6	VIB16316	VIB16326
-8	VIB16318	VIB16328
-10	VIB16320	VIB16330
-12	VIB16322	VIB16332

All VHT Items
Ground Shipment Only

Flameproof Coatings

Developed for the aerospace industry, heat-resistant coating is ideal for use on headers, exhaust manifolds, etc. 11-oz. aerosol can.

Part No.	Color
VHTSP101	Flat White
VHTSP102	Flat Black
VHTSP106	Flat Silver
VHTSP109	Flat Red
VHTSP110	Flat Blue
VHTSP114	Flat Orange
VHTSP115	Clear
VHTSP117	Flat Aluminum
VHTSP118	Flat White Primer

Engine Enamels

Urethane resins provide exceptional durability under the most severe conditions. Paint will withstand spills of the strong solvents and additives found in racing gasoline blends. 11-oz. aerosol can.

Part No.	Color
VHTSP120	Hemi Orange
VHTSP121	Bright Red
VHTSP122	Pontiac Blue
VHTSP123	Chevy Orange
VHTSP124	Gloss Black
VHTSP125	Ford Dark Blue
VHTSP127	Aluminum
VHTSP128	Gloss Yellow
VHTSP129	Gloss White
VHTSP130	Flat Black
VHTSP132	Universal Gold
VHTSP134	Ford Light Blue
VHTSP139	GM Satin Black
VHTSP145	Gloss Clear
VHTSP154	Grabber Green

"Prime Coat" Sandable Primers

Provides an excellent base for enamel or synthetic lacquer paint. A quick, fast-drying base coat with excellent adhesion. 11-oz. aerosol can.

Part No.	Color
VHTSP301	White
VHTSP305	Black
VHTSP306	Yellow

Roll Bar and Chassis Paint

One-step epoxy paint dries to a porcelain-like finish that is chemical, corrosion, rust, and salt-resistant. 11-oz. aerosol can.

Part No.	Color
VHTSP670	Gloss Black
VHTSP671	Satin Black

"Nu-Cast" Cast Coatings

Makes cast iron parts look like new. Produces that original look and is a "must have" item for that restoration project. 11-oz. aerosol can.

Part No.	Color
VHTSP995	Aluminum Paint
VHTSP997	Cast Iron Paint
VHTSP998	Header Paint

"Quick Coat" Enamels

Designed to provide a tough and durable enamel coating without heat curing or special processing. Ideal for professional or home use. 11-oz. aerosol can.

Part No.	Color
VHTSP501	Fire Red
VHTSP525	Silver Chrome

Epoxy All-Weather Coatings

VHT Epoxy Paint produces a high-gloss porcelain-like hardness. The durable finish makes it an excellent choice. 11-oz. aerosol can.

Part No.	Color
VHTSP650	Gloss Black
VHTSP651	Gloss White
VHTSP652	Satin Black

High-Temp Brake Paint

High-temp paint may be used on aluminum or cast metals and is ideal for brake drums, and calipers. Will not rust, chip, or crack. 11-oz. aerosol can.

Part No.	Color
VHTSP731	Real Red
VHTSP733	Real Orange
VHTSP734	Gloss Black
VHTSP735	Cast Aluminum
VHTSP738	Bright Yellow
VHTSP739	Satin Black

High-Temperature Anodized Color Coat

Specialized, transparent paint offers an anodized appearance when properly applied to chrome, bare metal, and other surfaces. Formulated for high temperature engine applications with the ability to withstand intermittent temperatures up to 550°F. 11-oz. aerosol can.

Part No.	Description
VHTSP451	Blue Anodized Color Coat
VHTSP453	Silver Anodized Base Coat NEW!

All VHT Items
Ground Shipment Only

High-Temperature Plastic Paint NEW!

Formulated to withstand temperatures up to 200°F, product is designed to adhere to automotive grade plastics without the need for sanding or priming. Paint is resistant to oil and other automotive fluids, and will not flake, chip or peel. Ideal for painting radiator support covers, fan shrouds, etc. 11-oz. aerosol can.

Part No.	Color
VHTSP820	Matte Black
VHTSP821	Gloss Red
VHTSP822	Gloss Blue
VHTSP823	Gloss Orange
VHTSP824	Aluminum

Square Motorsports Containers NEW!

All new, motorsports containers combine a square, space-saving design with built-in, ergonomically-designed handles on both the side and bottom to ease pouring. Equipped with modified caps for an improved seal, containers meet strict California regulations. Offered in 3- or 5.5-gallon sizes, containers are offered separately, or complete with deluxe hose to ease pouring.

Color	5.5-Gallon Container Only	5.5-Gallon Containers Only/Case of 4	5.5-Gallon Container with Deluxe Hose	3-Gallon Container Only	3-Gallon Containers Only/Case of 4	3-Gallon Container with Deluxe Hose
Red	VPF3512-CA	VPF3512-CA-CASE	VPF3516-CA	VPF4162-CA	VPF4162-CA-CASE	VPF4163-CA
White	VPF3522-CA	VPF3522-CA-CASE	VPF3520-CA	VPF4172-CA	VPF4172-CA-CASE	VPF4173-CA
Blue	VPF3532-CA	VPF3532-CA-CASE	VPF3536-CA	VPF4182-CA	VPF4182-CA-CASE	VPF4177-CA
Yellow	VPF3552-CA	VPF3552-CA-CASE	VPF3556-CA	—	—	—
Green	VPF3562-CA	VPF3562-CA-CASE	—	—	—	—
Orange	VPF3572-CA	VPF3572-CA-CASE	—	—	—	—
Black	VPF3582-CA	VPF3582-CA-CASE	—	—	—	—
Pink	VPF3812-CA	VPF3812-CA-CASE	—	—	—	—
Camo	VPF3842-CA	VPF3842-CA-CASE	VPF3846-CA	—	—	—
V-Twin Black/Orange	VPF3852-CA	VPF3852-CA-CASE	—	—	—	—
Tan	VPF4042-CA	VPF4042-CA-CASE	—	—	—	—
White Patriotic	VPF35221-CA	VPF35221-CA-CASE	—	—	—	—

Part No.	Description
Replacement/Accessory Components	
VPF3042	Cap
VPF3045	Vent Cap
VPF3044	Filler Hose, 14"

EZ Pour Spout

Eases the pouring of liquids from quart, half-gallon, and one-gallon containers. Made in the USA, durable EZ Pour Spout fits all 1-1/8" Beta openings. Sold each or cases of 24.

Part No.	Description
VPF320	Each
VPF32024	Case of 24

Power Spout *VPF348*

Spout screws directly onto the pull-out spouts found on VP Racing Fuel's 5-gallon steel pails, easing the transfer of liquids. A built-in vent tube helps speed liquid flow. ***Note: Power Spout does not fit 5-gallon motorsport or sportsman containers.***

55-Gallon Drum Siphon Pump *VPF3054*

Economical, manual pump attaches directly to 55-gallon steel drums, allowing liquids to be siphoned quickly and effectively.

Drum Wrench *VPF3061*

Heavy-duty steel wrench eases cap removal or replacement common to large steel fuel or oil drums.

Siphon Pump *VPF3054*

Pump quickly siphons fuel from steel 15-, 30-, or 55-gallon drums.

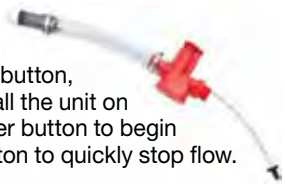
2-Jug Fuel Rack *VPF3050*

Lightweight, fabricated aluminum fuel rack stores two 5-gallon round or square fuel jugs in the trailer for safe and effective transport. Fuel rack attaches easily to the inside of trailer wall, and features a laser-cut VP Racing Fuels logo.

Get Bent Hose Bender
VPF3058 NEW!

Heavy-duty, petroleum-resistant ABS plastic unit allows easily filling fuel cells, tanks, etc. with greater efficiency, preventing wasteful spillage. Easy to install, the Get Bent Hose Bender fits standard 1" hoses.

Trigger Fluid Control System
VPF33320 NEW!



Designed for use with a VP utility jug, system features a patented push-button, self-venting control valve. Simply install the unit on a utility jug, tilt the jug, press the trigger button to begin dispensing liquid, and release the button to quickly stop flow.

Pro Grade Full-Synthetic Racing Oils

Specifically formulated to provide exceptional durability and unsurpassed friction control to racing applications. Oils include high levels of ZDDP for outstanding wear protection, while an aggressive additive package minimizes oxidation, sludge, and engine deposits. Sold in one-quart bottles, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
SAE 0W-20	VPF2715	—
SAE 5W-30	VPF2725	VPF2727
SAE 10W-40	—	VPF2747
SAE 15W-50	VPF2755	VPF2757

High-Performance Racing Oil

Synthetic blended oil includes enhanced levels of ZDDP and special anti-wear additives to protect flat tappet camshafts, lower operating temperatures, provide rust and corrosion protection, and reduce valve train wear. Meets API SN requirements. Sold in one-quart bottles, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
SAE 10W-30	VPF2955	VPF2957
SAE 10W-40	VPF2965	VPF2967
SAE 15W-50	VPF2975	VPF2977

Classic Non-Synthetic Racing Oils

Racing oils are formulated with high-quality mineral base oils and a specialized additive package, resulting in a lubricant that offers superior film strength and protection to critical engine parts. Oils also include enhanced levels of ZDDP and a strong detergent dispersant package for increased engine longevity. Sold in one-quart bottles, or in cases.

1-qt. Bottle	Case of (12) 1-qt. Bottles
Classic 20W-50	
VPF2691	VPF2692

0W-50 EX HP High-Performance Racing Oil

Full-synthetic, wide-viscosity racing oil provides exceptional high- and low-temperature protection to highly stressed competition engines. The lower viscosity offers improved flow to critical engine parts, while maintaining high-temperature/high-shear protection. Sold in one-quart bottles, or in cases.

1-qt. Bottle	Case of (12) 1-qt. Bottles
VPF2758	VPF2759

CI1 5W-40 High-Performance Diesel Engine Oil *VPF2695*

Lubricant provides excellent high and low-temperature protection to high-performance diesel race engines as well as tow vehicles. CI1 includes higher levels of ZDDP, an aggressive detergent dispersant and an anti-oxidant package for superior engine protection. Sold in one-quart bottles.

Street Legal Synthetic Blend Motor Oil NEW!

Lubricant delivers maximum protection and guaranteed performance to daily driven street vehicles. Engine oil is formulated with a proprietary blend of conventional and synthetic base oils along with a state-of-the-art additive system. Sold in one-quart bottles, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
5W-20	VPFVP3752043	VPFVP3752043C
5W-30	VPFVP3753043	VPFVP3753043C
10W-30	VPFVP3710343	VPFVP3710343C

Street Legal Synthetic Street Motor Oil NEW!

Street legal, full-synthetic motor oil is formulated utilizing select synthetic base oils and a state-of-the-art additive system to provide maximum engine protection and performance, while offering resistance to sludge formation and varnish deposits. Sold in one-quart bottles, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
0W-20	VPFVP3902543	VPFVP3902543C
5W-20	VPFVP3952043	VPFVP3952043C
5W-30	VPFVP3953543	VPFVP3953543C
10W-30	VPFVP3910343	VPFVP3910343C

Break-In Engine Oil

Specialized lubricant delivers maximum protection to camshafts and valvetrain components during the break-in process. Oil includes moly compounds to help promote ring seal and assist in proper plateau of cylinders. Sold in one-quart bottles, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
SAE 10W40 Oil	VPF2415	VPF2417

UTV/ATV Synthetic 4-Cycle Engine Oils

Specially formulated for popular UTV's/ATV's, 4-cycle synthetic engine oils combine synthetic base stocks with a special additive package for increased performance and durability. Sold in one-quart bottles, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
UTV/ATV 5W-50 (Can-Am, Polaris)	VPFVP7150503	—
UTV/ATV 10W-40 (Honda, Yamaha, Kawasaki, Arctic Cat)	VPF26721	VPF26727

Fuel System Cleaner

This fuel system cleaner is formulated to increase fuel mileage, restore performance, virtually eliminate knocks and pings, and reduce harmful emissions. 16 ounces treat 20 gallons. 16-oz. bottle, or in cases.

16-oz. Bottle	Case of (9) 16-oz. Bottles
VPF2805	VPF2807

Extreme Service Oil Boost

Specially formulated for vehicles with over 75,000 miles, engine oil additive includes special seal conditioners that revitalize O-rings, gaskets, and seals to eliminate oil leakage, while incorporated detergents minimize sludge. Sold in 12-oz. bottles, or in cases.

12-oz. Bottle	Case of (12) 12-oz. Bottles
VPFVP6100102	VPFVP6100102C

Full-Synthetic High-Performance Gear Oil

Fully synthetic, multi-purpose GL-5 gear lube is engineered for high-speed, high shock load applications. Formulated to increase power and lower operating temperatures. Sold in one-quart bottles, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
75W-90 Gear Oil	VPF2885	—
80W-90 Gear Oil	VPF2895	VPF2897

High-Performance 80W-140LS Gear Oil *VPF2705*

Mineral base, GL-5 gear oil is fortified with anti-scuff, anti-wear and extreme pressure additives to offer unsurpassed protection against low-speed/high-torque wear and high-speed scoring applications. Sold in one-quart bottle.

Classic 80W-90 High-Performance Gear Oil

API GL-4 lubricant is engineered for use in classic manual transmissions and transaxles. Oil combines select base oils with anti-wear additives and friction modifiers for unsurpassed protection of critical components. Sold in one quart bottles, or in cases.

1-qt. Bottle	Case of (12) 1-qt. Bottles
VPF2703	VPF2704

High-Performance 75W-140LS Full-Synthetic Gear Oil *VPF2707*

Full-synthetic GL-5 extreme-pressure gear oil provides excellent protection against high-speed scoring, low-speed/high-torque wear and heavy shock loading. Also offers low frictional drag and resistance to foaming. Sold in one-quart bottle.

Street Legal Multi-Purpose Automatic Transmission Fluids NEW!

Premium fluids are engineered and recommended for use in automatic transmissions that previously used GM Dexron and Ford Mercon brands. Lubricant includes superior anti-wear additives to protect critical transmission components, while balanced friction properties provide smooth shifting, anti-shudder performance, and excellent seal protection. Sold in 1-quart bottle, or in cases.

Description	1-qt. Bottle	Case of (12) 1-qt. Bottles
Meets Dexron III (H) & Ford Mercon	VPFVP4011143	VPFVP4011143C
Meets Dexron VI, Ford Mercon LV & Toyota WS	VPFVP4021143	VPFVP4021143C

ATF Pro

Specially formulated additive for automatic transmissions that is engineered to reduce fluid temperatures and restore performance, resulting in extended unit life. Equally suited to diesel, heavy-duty, and performance applications. Sold in 8-oz. bottles, or in cases.

8-oz. Bottle	Case of (9) 8-oz. Bottles
VPF2037	VPF2038

Racing 622 Brake Fluid *VPF2551*

Formulated to meet the hard braking and high temperature demands common to racing. Fully synthetic 622 is the highest boiling point, DOT 4 fluid currently available that maintains stability under high temperatures, resists vapor lock and fade, and improves pedal feel. Sold in 500 ml bottles.

Synthetic Power Steering Fluid

Universal fluid is formulated using synthetic base stocks and an advanced additive technology package to deliver optimum power steering system protection. Fluid protects and conditions seals, and minimizes pump squealing. Sold in 12-oz. bottles, or in cases.

1-qt. Bottle	Case of (12) 1-qt. Bottles
VPFVP6100502	VPFVP6100502C

Power Boost™ Combustion Chamber Enhancer

This fuel system additive removes carbon deposits in the combustion chamber, reducing spark knock and eliminating the need to use higher-octane fuel. 16 ounces treat up to 18 gallons. 16-oz. bottle. Sold each.

16-oz. Bottle	Case of (9) 16-oz. Bottle
VPF2825	VPF2827

M2™ Upper Cylinder Lube

Formulated to protect aluminum fuel system components, cylinder walls, and valves in methanol or alcohol-powered engines. 16-oz. container. Sold each.

16-oz. Bottle	Case of (12) 16-oz. Bottles
VPF2016	VPF2019

Octanium Unleaded

High-performance fuel additive delivers an octane boost to unleaded fuel of up to 7 numbers, eliminating detonation and increasing horsepower. Safe for catalytic converters and O2 sensors. Sold in 32-oz. cans, or in cases.

32-oz. Can	Case of (8) 32-oz. Cans
VPF29505	VPF29507

7-in-1 Fuel Treatment

Easy-to-use fuel additive removes combustion chamber deposits, cleans fuel injectors, and stabilizes fuel, resulting in improved performance and fuel economy. Designed for use in 4- or 2-cycle engines, product should be used between Fuel System Cleaner intervals. Sold in 16-oz. bottle, or in cases of (9) bottles.

16-oz. Bottle	Case (of 9) 16-oz. Bottles
VPF2848	VPF2849

Cetanium High-Performance Diesel Additive

High-performance diesel fuel additive increases cetane for off-road diesel racing applications, while simultaneously cleaning injectors and pumps. Additive, which treats up to 10 gallons of fuel, increases cetane by up to 10 numbers. Sold in 32-oz. bottle, or in cases of (8) bottles.

32-oz. Bottle	Case of (8) 32-oz. Bottles
VPF2865	VPF2867

Diesel All-in-One Fuel Conditioner

Fuel conditioning additive cleans injectors and pumps, reduces smoking, replaces lost lubrication, increases fuel mileage and disperses water, while providing anti-gel protection to -40°F. Adding 24-ozs. treats up to 240 gallons. Sold in 16-oz. bottles, 64-oz. jugs, or in cases.

Part No.	Description
VPF2833	64-oz. Jug
VPF2836	Case of (4) 64-oz. Jugs

Powersport Chain Lubricant

VPFVP7910020

Lubricant offers superior protection to drive chains, preventing galling and wear. Suited to street or off-road applications. Sold in 13-oz. aerosol cans.

Powersport Multi-Purpose Lubricant

VPFVP7930020

Versatile lubricant includes the ability to penetrate components, loosen seized parts and provide a protective lubricating film. Sold in 13-oz. aerosol cans.

Powersport Contact Cleaner

Product helps clean sensitive electronic contacts, removing corrosion, while preventing shorting and arcing. Sold in 13-oz. aerosol cans, or in cases.

13-oz. Aerosol Can	Case of (12) 13-oz. Aerosol Cans
VPFVP7940020	VPFVP7940020C

Fiber Filter Oil

VPFVP7960020 NEW!

Specialized filter oil assists in trapping dirt, dust, and debris in fiber-style filters, preventing contaminants from entering the engine. Sold in 13-oz. aerosol can.

Powersport Foam Air Filter Oil

Specially formulated lubricant maximizes the effectiveness of air filters that require periodic oiling. Filters should be cleaned thoroughly with air filter cleaner prior to oiling. Formulas offered for foam or fiber filters. Sold in 13-oz. aerosol cans, or in cases.

13-oz. Aerosol Can	Case of (12) 13-oz. Aerosol Cans
VPFVP7950020	VPFVP7950020C

Powersport Foam and Fiber Air Filter Cleaner

Very effective in cleaning foam or fiber air filters that require periodic cleaning and oiling. Water rinsable, solvent cleaner removes dirt and contaminants without damage. Sold in 13-oz. aerosol cans, or in cases.

13-oz. Aerosol Can	Case of (12) 13-oz. Aerosol Cans
VPFVP7970020	VPFVP7970020C

Octanium Octane Concentrate

Increase the octane of pump gasoline by up to eight points. Fuel additive helps improve throttle response and acceleration, while eliminating engine harming detonation. Designed for racing use only. Not recommended for use with O2 sensors or catalytic converters. One 32-oz. bottle treats up to 10-gallons of gasoline.

32-oz. Bottle	Case of (8) 32-oz. Bottles
VPF2855	VPF2857

Ethanol Fuel Stabilizer

Specialized fuel additive protects the fuel system from the corrosive effects of ethanol. Product additionally helps reduce heat and extend engine life. Just 8 ounces protects up to 80 gallons for three years. Sold in 8-oz. bottles, or in cases.

8-oz. Bottle	Case of (9) 8-oz. Bottles
VPF2815	VPF2817

Diesel All-in-One Fuel Conditioner

All-in-one diesel fuel additive cleans injectors and pumps, while increasing fuel mileage and cetane. Product also protects petroleum-based diesel and biodiesel, dispersing water and eliminate gelling to -40°F. Single 24-oz. bottle treats up 240 gallons of fuel.

24-oz. Bottle	Case of (6) 24-oz. Bottles
VPF2835	VPF2837

Engine Assembly Lube

Formulated to cling to engine parts during the engine-building process, Engine Assembly Lube is a premium high-viscosity lubricant that provides superior protection against scuffing, galling, and metal transfer. Lubricant combines zinc, phosphorous, and moly anti-wear additives to prevent excessive wear. Designed to mix with other oils, preventing the clogging of ports or oil filters. Sold in 12-oz. bottles, or in cases.

12-oz. Bottle	Case of (12) 12-oz. Bottles
VPF2251	VPF2257

Cool Down™ Coolant Improver

Manufactured with the ability to reduce cylinder head temperatures up to 50°F, provide better heat transfer, and lubricate all vital components. Safe for all radiator systems. One 16-oz. bottle will treat up to 20-quart cooling systems, straight water applications require 50% more Cool Down. Treatments are good for 30,000 miles or one year, whichever comes first. 16-oz. container, or in cases.

16-oz. Bottle	Case of (9) 16-oz. Bottles
VPF2085	VPF2086

PowerWash Super Concentrate

This super concentrated car wash is specially formulated for the automotive, powersports, and R/C hobby industry. It is manufactured to rapidly dissolve dirt and mud, and clean without leaving streaks or spots. One-gallon container, or in cases.

1-Gallon Container	Case of (4) 1-Gallon Containers
VPFM10011	VPFM10018

Stay Frosty

VPF2087 VPF2301

A proprietary coolant specially-formulated for high-performance engines that require increased protection from overheating, while needing minimal freeze protection. Stay Frosty reduces engine temperatures up to 25°F. when compared to traditional, glycol-based coolants. Sold in 64-oz. jugs, or in cases.

Description	64-oz. Jug	Case of (4) 64-oz. Jugs
Stay Frosty	VPF2087	VPF2088
Stay Frost, Race-Ready	VPF2301	VPF2302

Power Instant Detailer and Gloss Enhancer

Spray-on detailer provides unsurpassed slickness and gloss to any automotive surface. Simply spray and wipe all exterior surfaces for a high-gloss finish that is also dust and dirt repellent. Sold in 17-oz. spray bottle, or in cases.

17-oz. Bottle	Case of (12) 17-oz. Bottles
VPF2110	VPF2111

PowerWash Moto Formula Spray

Specially formulated for Motorsports, Powersports and R/C hobby enthusiasts, super-concentrated, dual-action detergent makes cleaning easier, removing dirt and grease without streaking or spotting. Sold in 32-oz. spray bottles, or in cases.

32-oz. Bottle	Case of (12) 32-oz. Bottles
VPFM10025	VPFM10027

Power Clean

Revolutionary product is specially formulated to safely clean wheels, tires, and other automotive surfaces, except glass. Special polymers and emulsifiers break down and dissolve the toughest dirt, grime, and brake dust. Sold in 17-oz. spray bottle, or in cases.

17-oz. Bottle	Case of (12) 17-oz. Bottles
VPF2117	VPF2118

Powersport Silicone Detailer

Specifically formulated for use on motorcycles, ATV's, UTV's, etc., silicone detailer helps provide a quick clean-up. Product offers an attractive shine and superior surface protection. Sold in 13-oz. aerosol cans, or in cases.

13-oz. Aerosol	Case of (12) 13-oz. Aerosol Cans
VPFVP7980020	VPFVP7980020C

Hand Sanitizer

Formulated using an alcohol-based hand rub containing 80% ethanol, product kills micro-organisms that potentially cause disease. Ideal for use when soap and water are not available. Sold in 32-oz. bottles, or in cases.

32-oz. Bottle	Case of (12) 32-oz. Bottles
VPF2073	VPF2075

Sprint Car Replacement Box Filter

This washable/reusable box filter offers a soft sealing surface that prevents dirt from entering between the filter base and the actual filter The filter is available in two heights, 4" or 6", as well as a high-flow qualifying version.

WLK3000902-4

WLK3000767

Part No.	Description
WLK3000902-4	4" Tall, Competition Box
WLK3000902-6	6" Tall, Competition Box
WLK3000767	4" Tall, Qualifying Box (Wire Mesh Only)

Air Box Clips

Designed with added spring pressure, these lightweight plastic clips ensure a proper airtight seal for the rectangular-style air box.Set of 6 clips.

Filter not included

Part	Description
WLK3001070-4	4" Tall
WLK3001070-6	6" Tall

Air Filter Accessories & Components

WLK3000474 WLK3000475 WLK3000478 WLK3000525

Part No.	Description
WLK3000474	12-oz. Bottle, Air Filter Oil NEW!
WLK3000475	Performance Air Filter Cleaning Kit
WLK3000478	1-Gallon Air Filter Oil
WLK3000525	1-Gallon Air Filter Cleaning Fluid
WLK3000479	5-Gallon Air Filter Cleaning Fluid

Kody Swanson Photo by: DenHamer Photos

In-Line Racing Fuel Pump *WFPGSL392*

Compact and reliable, in-line electric fuel pump is just 6.44"L x 1.70" O.D., yet delivers a free flow rate of 255 LPH with a maximum pressure of 60 PSI. Lightweight aluminum pump features 10mm x 1.0 inlet and outlet ports. Fittings must be purchased separately.

Part No.	Description
Related Components	
WFP128-3039	10mm x –6AN Male Fitting
WFP128-3040	10mm x –8AN Male Fitting

WFP128-3040

4,000-lb. DC Utility Winch *WAR94000*

Engineered from the ground up using a best-in-class 1.9-horsepower motor and 3-stage planetary gear train. Multi-directional clutch allows easy freespooling. Winch includes 4,000 pounds of pulling power, 43' of 7/32" wire rope, and a 12' long remote control, which allows power-in or power-out from a comfortable distance.

2,000-lb. DC Utility Winch *WAR92000*

Although this winch might be smaller in size, it's big on value. The WARN 2000 DC utility winch has all of the features you'll want, and its small size allows it to be mounted in tight spots. Designed to pull lighter loads, this winch includes 35' of 3/16" wire rope and a 12' remote control to help you move more material in less time.

WATERMAN
RACING COMPONENTS

In-Line -6AN Fuel Filter *WAT42301*

Fuel filter features a durable billet aluminum housing that is fitted with a fully cleanable, 100-micron stainless steel element. Offered in -6AN only.

Inline Canister Filter *NEW!*

Engineered for use with high-flow mechanical fuel pumps, compact billet aluminum filter may be mounted in engine bay or to chassis tubing. Filter includes (2) -12AN inlet ports for driver's or passenger's side mounting, and a center outlet for simplified plumbing. Screw-on canister allows easy inspection and replacement. Choose from filters with 10-, 40-, or 100-micron elements.

Part No.	Description
WAT42335	10-Micron Element
WAT42336	40-Micron Element
WAT42337	100-Micron Element
Replacement Filter Components	
WAT42635	10-Micron Element
WAT42636	40-Micron Element
WAT42637	100-Micron Element

WATERMAN
RACING COMPONENTS

Standard Sprint Fuel Pumps

Pumps are CNC-machined with billet aluminum housings that are fitted with machined steel shafts and precision-lapped gears. Pumps include an adjustable flange that allows easy rotation and alignment after the unit has been mounted. Simply re-tighten the flange clamp after the pump has been properly positioned. Pumps are available in 400, 450, and 500 GPH versions, and are also offered with incorporated manifolds to simplify plumbing.

Part No.	Description
Standard 400	
WAT22308	Sprint Fuel Pump
WAT22808	Sprint Fuel Pump, Will Accept Manifold
Standard 450	
WAT22809	Sprint Fuel Pump
Standard 500	
WAT22310	Sprint Fuel Pump
WAT22810	Sprint Fuel Pump, Will Accept Manifold
Standard 700	
WAT22314	Sprint Fuel Pump, Will Accept Manifold

Ultra Lite Fuel Pumps

Includes all of the premium components common to the Standard units with the added performance benefits of maximum internal and external lightening. Ultra Lite pump housings have been fully scalloped and the shafts have been rifle-bored to remove as much weight as possible without sacrificing durability. Choose from 400 or 500 GPH versions.

Part No.	Description
WAT22108	Ultra Lite 400 Sprint Fuel Pump
WAT22110	Ultra Lite 500 Sprint Fuel Pump
WAT22112	Ultra Lite 600 Sprint Fuel Pump

Sprint Pump Fitting Kit
WAT45201 NEW!

Kit includes a 3-bolt swivel pump mount along with the necessary fittings to aid the installation of a standard sprint pump. Includes pump mount, (4) -6AN ORB port plugs, (1) -8AN to -10AN flare fitting, and (1) -8AN to -8AN flare fitting.

Sprint Pump Manifold/Fitting Kit
WAT45202 NEW!

Designed to simplify the installation and plumbing of a standard sprint pump. Kit includes 3-bolt swivel pump mount and manifold, complete with the necessary AN fittings, O-ring, and related hardware.

350 Sprint Car Fuel Pump with Manifold WAT22307

This 350 gear pump moves 3.45 gallons per minute, and is intended for the 305 Race Saver Sprint Car.

Mini-Sprint Fuel Pump
WAT23404

The Mini-Sprint 200 gear fuel pump delivers 1.95 gallons per minute and can be used either in standard or reverse rotation applications.

Sprint Pump Manifold
WAT29572

-16AN, Four-port style billet aluminum manifold converts Standard Sprint fuel pumps to manifold style, simplifying plumbing. Not compatible with Ultra Lite model fuel pumps.

Sprint Pump Swivel Flange
WAT49434

Innovative, adjustable flange allows complete 360° rotation of fuel pump, easing removal, installation, and alignment. Manufactured from CNC-machined billet aluminum.

Heat-Reducing Phenolic Spacer
WAT49410

Heat-reducing phenolic spacer installs between the fuel pump flange and power steering or oil pump, reducing heat transfer for improved performance.

Fuel Shut-Off Valves

Engineered specifically for Sprint applications, premium quality shut-off valves are offered in bulkhead or dash-mount versions and include a third port, if needed. Dash-mount model may be used with Allstar Performance ALL52115 steering mount.

Part No.	Description
WAT44606	3-Port, Dash Mount
WAT44605	2-Port Dash Mount

Brass High-Speed Fuel Check Valve
WAT45807

This poppet-style brass check valve is designed for easy shim and spring replacement to set fuel pressure.

15" Magnum Sprint Spline

Cold-drawn aluminum alloy rim halves are lighter and stronger than 6061-T6. CNC-machined, forged aluminum centers are splined, then gold or black anodized to stay looking like new. “Roll-forged” rim lips increase bead seat strength to withstand the most abusive racing conditions. Wheels exceed USAC wheel specifications for all racing series. 42-spline bolt circle.

Part No.	Rear Spacing	Bead-Loc	Wheel Center Finish	Wheel Color
15" x 15"				
WEL735-51535	5.00"	Inner	Gold	Polished
WEL735B-515B35	5.00"	Inner	Black	Black
WEL735-51536	6.00"	Inner	Gold	Polished
WEL735B-51536	6.00"	Inner	Black	Polished
WEL735B-515B36	6.00"	Inner	Black	Black
WEL735-51537	7.00"	Inner	Gold	Polished
WEL735B-51537	7.00"	Inner	Black	Polished
WEL735B-515B37	7.00"	Inner	Black	Black
15" x 16"				
WEL735B-51656-6	6.00"	Outer with Cover	Black	Polished
15" x 17"				
WEL735-51755-6	5.00"	Outer with Cover	Gold	Polished
WEL735B-51755BC-6	5.00"	Outer with Cover	Black	Polished
WEL735B-517B55-6	5.00"	Outer with Cover	Black	Black
WEL735-51756-6	6.00"	Outer with Cover	Gold	Polished
WEL735B-51756BC-6	6.00"	Outer with Cover	Black	Polished
WEL735B-517B56-6	6.00"	Outer with Cover	Black	Black
WEL735-51757-6	7.00"	Outer with Cover	Gold	Polished
WEL735B-51757BC-6	7.00"	Outer with Cover	Black	Polished
WEL735B-517B57-6	7.00"	Outer with Cover	Black	Black
WEL735B-51758BC-6	8.00"	Outer with Cover	Black	Polished
WEL735B-517B58-6	8.00"	Outer with Cover	Black	Black
WEL735B-51754BC-6	4.00"	Outer with Cover	Black	Polished
15" x 18"				
WEL735-51854-6	4.00"	Outer with Cover	Gold	Polished
WEL735B-51854BC-6	4.00"	Outer with Cover	Black	Polished
WEL735-51854-6	4.00"	Outer with Cover	Gold	Polished
WEL735B-51854BC-6	4.00"	Outer with Cover	Black	Black
WEL735-51855-6	5.00"	Outer with Cover	Gold	Polished
WEL735B-51856BC-6	6.00"	Outer with Cover	Black	Polished
WEL735B-518B55-6	5.00"	Outer with Cover	Black	Black
WEL735B-51857-6	7.00"	Outer with Cover	Black	Polished

15" Sprint Replacement Wheel Centers

Part No.	Description
WELP613-7078	Magnum Spline Rear Center, Gold
WELP613B-7078	Magnum Spline Rear Center, Black
WELP613-7095	Magnum 6-Pin Lug Mount Center, Gold
Replacement Components	
WELP650-3013	Threaded Insert Kit (16)
WELP650-4600	Quick-Turn Fastener and Washer Repair Kit (12 Each)

15" Magnum Sprint 6-Pin Lug Mounts

WEL756-51014

Cold-drawn aluminum alloy rim halves are lighter and stronger than 6061-T6. Newly designed, forged aluminum wheel centers are CNC-machined for perfect balance and accept all popular pressure plates. Gold anodizing maintains a “like new” finish. Wheels exceed USAC specifications for all racing series.

Size	Bolt Circle	Rear Spacing	Bead-Loc
15" x 10"	6 x 5.0" Sprint	4.00"	None

15" Mud Covers

Part No.	Description
Replacement Mud Covers	
WELP650-4514A-6	Aluminum
WELP650B-4514A-6	Black

Replacement Components

Part No.	Description
WELP650-3013	Threaded Insert Kit (16)
WELP650-4600	Dzus and Washer Repair Kit (12 Each)

15" Direct Mount Rim Shells

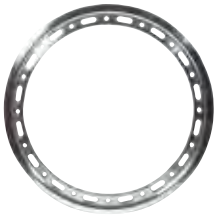
Welded rim shell assemblies are guaranteed leak-free for tubeless applications. Bolt circle is 5 x 9.750".

Part No.	Size	Rear Spacing	Bead-Loc	Wheel Color
WEL860-50813	15" x 8"	3.00"	None	Polished
WEL860-50814	15" x 8"	4.00"	None	Polished
WEL860-50815	15" x 8"	5.00"	None	Polished
WEL860B-50813	15" x 8"	3.00"	None	Black
WEL860B-50853-6	15" x 8"	3.00"	Bead-Loc and Black Cover	Black
WEL860-50804-6	15" x 8"	4.00"	No Lock and Cover	Polished
WEL860B-50804-6	15" x 8"	4.00"	No Lock and Cover	Black
WEL860B-50814	15" x 8"	4.00"	None	Black
WEL860B-50854-6	15" x 8"	4.00"	Bead-Loc and Black Cover	Black
WEL860-50805-6	15" x 8"	5.00"	No Lock and Cover	Polished
WEL860-50815	15" x 8"	5.00"	None	Polished
WEL860B-50913	15" x 9"	3.00"	None	Black
WEL860-50913	15" x 9"	3.00"	None	Polished
WEL860-50953-6	15" x 9"	3.00"	Bead-Loc and Black Cover	Polished
WEL860B-50904-6	15" x 9"	4.00"	No Lock and Black Cover	Black
WEL860-50914	15" x 9"	4.00"	None	Polished
WEL860-50954-6	15" x 9"	4.00"	Bead-Loc	Polished
WEL860B-50905-6	15" x 9"	5.00"	No Lock and Black Cover	Black
WEL860-50915	15" x 9"	5.00"	None	Polished
WEL860-50905BC-6	15" x 9"	5.00"	No Lock and Black Cover	Polished
WEL860-50955BC-6	15" x 9"	5.00"	Bead-Loc and Black Cover	Polished

15" Replacement Wheel Halves

Part No.	Size	Rear Spacing	Bead-Loc
Inner Wheel Halves			
WELP856-5558	15" x 5.63"	5.00"	None
WELP856-5628	15" x 6.63"	6.00"	Standard
WELP856-5658	15" x 6.63"	6.00"	None
Outer Wheel Halves			
WELP857-5514	15" x 5.25"	N/A	None
WELP857-5614	15" x 6.25"	N/A	None
WELP857-5814	15" x 8.25"	N/A	None
WELP857-5914	15" x 9.25"	N/A	None
WELP857-5944-6	15" x 9.25"	N/A	With Dzus, No Cover
WELP858-5044-6	15" x 10.25"	N/A	With Dzus, No Cover
WELP858-5024	15" x 10.25"	N/A	Standard
WELP858-5124	15" x 11.25"	N/A	Standard
WELP858-5114	15" x 11.25"	N/A	None
WELP858-5144-6	15" x 11.25"	N/A	With Dzus, No Cover
WELP858-5214	15" x 12.25"	N/A	None
WELP858-5244-6	15" x 12.25"	N/A	With Dzus, No Cover

15" Bead-Loc Rings



Part No.	Description
WELP650-5275	15" 16-Hole Bolt-On Bead-Loc Ring (Slotted)
WELP650B-5275	15" 16-Hole Bolt-On Bead-Loc Ring (Slotted), Black
WELP650-5314-6	15" Bolt-On Bead-Loc Ring with Dzus on Flange (No Cover)
WELP650B-5314-6	15" Bolt-On Bead-Loc Ring with Dzus on Flange (No Cover), Black
WELP650-5315-6	15" 16-Hole Bolt-On Bead-Loc Ring with Dzus on Mud Cover
WELP650B-5315-6	15" 16-Hole Bolt-On Bead-Loc Ring with Dzus on Mud Cover, Black

Sprint Car and Midget Direct-Mount Hubs

Part No.	Description
WELC8088-LT	15", Left, Gold
WELC8088-RT	15", Right, Gold
WELC8088B-LT	15" Left, Black
WELC8088B-RT	15" Right, Black

WELC8088B-LT

13" Magnum Midget Wheels Spline

Part No.	Bolt Circle	Rear Spacing	Wheel Center Finish
13" x 10" - Outer Bead Loc with Cover			
WEL734B-31052	31-Spline	2.00"	Black
WEL734B-31053	31-Spline	3.00"	Black

13" Direct-Mount Rim Shells

Part No.	Bolt Circle	Rear Spacing	Bead-Loc
13" x 7"			
WEL860-30713	5" x 9.750"	3.00"	None
WEL860-30714	5" x 9.750"	4.00"	None
13" x 8"			
WEL860-30813	5" x 9.750"	3.00"	None

13" Bead-Loc Ring and Cover

Part No.	Description
WELP650-5313	Ring and Cover
WELP650-4314A	Replacement Cover

10" Direct-Mount Rim Shells
WEL860-10713

Size	Bolt Circle	Rear Spacing	Bead-Loc
10" x 7"	4" x 6.750"	3.00"	None

10" Sprint Magnum Replacement Wheel Centers

Part No.	Description
WELP613B-7082	27 Spline Wheel Center, Black
Replacement Components	
WELP650-4600	Dzus and Washer Repair Kit (12 Each)

10" Replacement Wheel Halves

Part No.	Size	Bead-Loc
Outer/Inner Half		
WELP851-1065	10" x 6"	Bead-Loc and Cover

10" Direct Mount Hubs
WELC8082B-A

Front hub assembly for 1" spindle. 3-lug rotor mount. Black anodized aluminum.

DISC BRAKES

Billet Narrow Dynalite Radial Mount Calipers

Popularly used in sprint and midget applications, lightweight NDLR calipers feature a radial-mount design. Billet aluminum caliper is for use with .380" or .810" rotors and includes a single split bridge area for maximum strength. May be directly mounted over studs or used with a radial mount bracket kit in place of a tab mount caliper. Accepts 7816 style brake pads.

Part No.	Piston Diameter	Rotor Thickness	Piston	Square Ring Kit	Bleed Screw	Body Seal	Pad Type
WIL120-14764-SI	1.88"	.380"	—	—	WIL220-0627	WIL130-10540	7816
WIL120-14765-SI	1.88"	.810"	—	—	WIL220-0627	WIL130-10540	7816

Forged Billet Dynapro Narrow Mount Calipers

Upgrade or replace narrow-mount Dynalite series calipers. NDP calipers are stress-flow forged aluminum with center bridge bolts to resist separation. Calipers are fitted with stainless steel pistons and stainless steel SRS bridge plates, and use 7816 pads.

Part No.	Piston Diameter	Rotor Thickness	Piston	Square Ring Kit	Bleed Screw	Body Seal	Pad Type
WIL120-11571-SI*	1.75"	.380"	WIL200-7531	WIL130-2655	WIL220-0627	WIL210-2582	7816
WIL120-11572-SI*	1.75"	.810"	WIL200-7531	WIL130-2655	WIL220-0627	WIL210-2582	7816

**** SI designates side inlet.***

Dynapro Single Caliper *WIL120-9690*

Newest generation of calipers are designed to directly replace Dynalite Single series. CNC-machined, billet aluminum construction calipers offer exceptional resistance to deflection and body separation under load. Calipers weigh just 2.3 lbs. Use 6812 type pads.

Part No.	Piston Dia.	Rotor Thickness	Rotor Dia.	Piston	Bleed Screw Kit	O-Ring Kit	Pad Type
WIL120-9690	1.50"	.380"	Up to 13"	WIL200-7518	WIL220-0627	WIL130-2658	6812

Billet Dynalite Single Calipers

Black anodized aluminum single-piston caliper is ideal for open wheel racing. With 3.25" lug spacing, it weighs just 1.4 lbs. and secures a .58" thick, 1.1" cubic inch brake pad with Quick-E-Clip pad retainers. Internal fluid passages and multiple bleed fittings permit right or left, front or rear mounting. Will fit .250" to .380" thick rotors with diameters from 6.00" to 13.00". High-temperature square piston seals control retraction and stainless steel deep-cup pistons reduce heat transfer from pad to brake fluid. Calipers accept 1/8"-27 NPT inlet fittings and use 6812 type pads.

Part No.	Description	Piston Diameter	Rotor Thickness	4-Pc. Ret. Pin Kit	4 Pc. Sq. Ring Kit
WIL120-10188	Billet Dynalite Single, 3.25" Spacing	1.75"	.380"	WIL180-3862	WIL130-2655

Forged Billet DynaPro Lug-Mount Calipers

Designed for applications that previously used Dynalite model brake calipers. DynaPro 5-1/4" mounting calipers are stress-flow forged for exceptional strength and include a wide array of improvements. Calipers feature Quick-E-Clip pad retainers, which eliminate the need for caliper removal when replacing pads, while the heavy-wall stainless steel pistons slow heat transfer and resist corrosion. Internal fluid passages and four corner bleed screws allow mounting in front or rear, left or right position. Use 7812 type pads.

Part No.	Piston Diameter	Rotor Thickness	Piston	4-Pc. Bleed Screw Kit	4-Pc. Square Ring Kit	Pad Type
WIL120-9693-SI*	1.75"	.81"	WIL200-7528	WIL220-0627	WIL130-2655	7812

**** Signifies side inlet which includes the addition of center bridge bolts.***

Forged Billet Superlite (FSL) Calipers

Forged Billet Superlite (FSL) include stainless steel bridge plates, stainless steel or Thermlock pistons, and high-temperature, square-faced O-ring seals. Specify right (R) or left (L) when ordering. Use 7420 type pads.

Part No.	Piston Diameter	Rotor Thickness	Piston	Crossover Tube	Bleed Screw Kit	Bridge Bolt Kit	Square Ring Kit	Pad Type
WIL120-11134-SI*	1.75"	.810"	WIL200-7531	—	WIL220-6069	WIL230-7539	WIL130-2655	7420

**** SI designates side inlet.***

GP200 Caliper *WIL120-12178*

The GP 200 billet caliper represents the newest lightweight (only .90 lbs.) caliper specifically designed for tight fit applications while utilizing a standard 2.38" lug mount. Combines superior strength with a black anodized finish along with several new performance features. The strength of the GP 200 is a combination of process and design. GP 200 calipers are fully CNC-machined from premium grade alloy billet. Use 4908 type pads.

Piston Diameter	Rotor Thickness	4-Pc. Sq. Ring Kit
1.23"	0.25"	WIL130-3602

Superlite Thermlock T1 Caliper Pistons *WIL200-7551*

Thermlock technology, widely used in NASCAR competition, is now offered on the Superlite caliper piston. Multi-piece piston manages heat to reduce thermal transfer under the most severe racing conditions. Use as a service replacement or an upgrade for stainless steel equipped or older calipers.

Dia.	Length	Caliper Applications
1.75"	1.05"	Superlite

Billet Narrow Dynalite Radial-Mount Sprint Inboard Brake Kit *WIL140-15346*

A bolt-on brake system for sprint car quick-change rears with 3.00" x 46-spline axles. With titanium, Super Alloy, or steel .810" vented or solid discs and a dynamic-mount rotor axle clamp, offer the lowest rotating weights available. Advanced materials give Wilwood Sprint rotors higher durability, longer wear, and better heat control than conventional rotors. Billet Dynalite Radial mount calipers with either composition metallic or BP-40 pads, produce superior stopping power and consistent fade-free response. Kit includes axle clamp with dual-mount rotor adapter with T-nuts, radial mount bracket assembly, and mounting hardware.

Part No.	Description
Replacement Components	
WIL270-12633	Hub
WIL250-14767	Rotor Mount for 11.75" Rotor

Sprint Car Left Front Caliper Bracket

Designed for use with a sprint car spindle using a GP320 4-piston caliper (WIL120-15752) and 10-1/2" dia. x .160" thick front rotor (WIL160-10717).

Part No.	Description
Replacement Components	
WIL250-16236	10-1/2" Caliper Bracket ***NEW!***

Titanium and Aluminum Sprint/Midget Rotors

Lightweight titanium and aluminum rotors offer significantly reduced unsprung weight, resulting in improved acceleration. Titanium rotors include a redesigned slot pattern and new proprietary finish for improved wear and high-temperature stability. Type III hard-anodized aluminum rotors deliver improved friction and an extended life when compared to traditional aluminum units. Sold each.

Part No.	Dia.	Width	Mounting
Aluminum Rotors			
WIL160-3327A	10.20"	.310"	3 x 5.00"
WIL160-3270A	10.20"	.310"	42-Spline
Titanium Rotors			
WIL160-16114	12.00"	.360"	8 x 7.00"

Dynapro Single Left Front Brake Kits

Engineered exclusively for Sprint and Midget applications that run on tracks that require light braking, Dynapro single-piston caliper offers 2.40" sq. in. of clamping force. Kit is complete with caliper, brake pads, caliper bracket, choice of slotted titanium or drilled aluminum rotor, and all required hardware.

Part No.	Description
WIL140-16232	Drilled Aluminum Rotor
WIL140-16615	Slotted Titanium Rotor

Billet Narrow Dynalite Radial Mount Midget Inboard Brake Kit

WIL140-11810 NEW!

Bolt-on brake system, engineered for sprint car quick change rears with 3.50" x 38-spline axles, includes Super Alloy 10.50" x .780" vented steel discs and a dynamic mount rotor axle clamp to provide the lowest rotating weights currently available. Includes DynaPro lug mount calipers, metallic pads, axle clamp with Dynamic Mount Rotor Adapter assembly, T-nuts, and necessary hardware.

Billet Narrow Dynalite Radial-Mount Sprint Inboard Brake Kit

WIL140-11206

This kit features a bolt-on brake system for sprint car quick-change rears with 3.00" x 46-spline axles, and a dynamic mount rotor axle clamp, offering low rotating weight. The newly redesigned billet nickel Dynalite radial-mount calipers with composition metallic pads, produce excellent stopping power and a consistent, fade-free response. Kit includes axle clamp with dual-mount rotor adapter with T-nuts, radial-mount bracket assembly, and mounting hardware.

Part No.	Description
WIL140-11206	10.5" x .780" Vented, Super Alloy, Scalloped Drilled Rotor
WIL146-11217	10.5" x .810" Vented Rotor
WIL250-13150	Rotor Mount for 10.50" Rotor
WIL250-14767	Rotor Mount for 11.75" Rotor

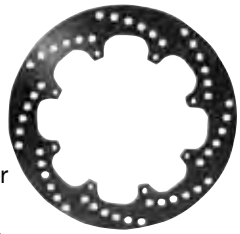
Billet Narrow Dynalite Radial Mount Sprint Inboard Brake Kits

WIL140-15345

Engineered for sprint cars utilizing a Quick Change rear with 3.00" x 46-spline axles, bolt-on kits are offered with lightweight vented Super Alloy 11.75" x .810" rotor. Type III hard anodized Billet Dynalite radial mount calipers with composition metallic pads deliver unsurpassed braking. Includes axle clamp with dual-mount rotor adapter and T-nuts, radial mount bracket assembly, and necessary hardware.

Drilled Steel Rotors

WIL160-0525



High-strength steel alloy rotor has greater strength and resistance to warping and is drilled to reduce unsprung rotating weight.

Rotor Thk.	Rotor Dia.	No. Of Mt. Holes	Hole Type	Bolt Circle	Weight
.35"	12.00"	8	.328"	7.00"	5.4 lbs.

GP320 Sprint Brake Kits

Brake kit offers substantially improved braking and durability compared to traditional aluminum rotor systems. GP320 forged billet aluminum four-piston calipers are rigid, lightweight, and deliver exceptional braking torque, while the polymetallic stainless steel rotors provide superior thermal performance and wear resistance. Kit is complete with caliper, brake pads, rotor, rotor adapter, and necessary hardware.

Part No.	Description
WIL140-11773	Front Brake Kit
WIL140-11774	Right Rear Kit

Left Front Brake Kit

Left front Sprint and Midget kits are a further evolution of a proven design from Wilwood's 35+ years of engineering and producing the best open wheel braking systems. Dynapro single calipers have a full 2.40 square inches of area for increased clamping force. Kits are offered with either scalloped alloy steel rotors for high heat or aluminum rotors for maximum weight-savings on light braking tracks. Kit comes complete with caliper, brake pads, caliper mounting brackets, caliper mount bolt kit, rotor, and rotor mounting hardware.

Part No.	Description
WIL140-12956	Aluminum Rotor
WIL140-12957	Steel Rotor

Sprint Car Dynamic Inboard Hub Kit

This kit mounts 6 x 5.50" bolt pattern rotors and includes the rotor adapter. Manufactured from high-strength aluminum, it provides a strong, lightweight solution for rotor mounting. Gen II hubs offer improved clearance and easier installation. Hardware includes high-strength T-nuts and bolts.

Part No.	Description
WIL270-12635	For 10" Rotor
WIL270-12633	For 12" Rotor

Open Wheel Rotor Adapter

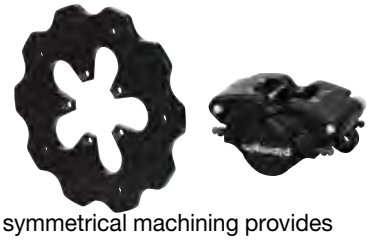
WIL300-10720 NEW!

High-strength aluminum rotor adapter is engineered specifically for the left front of Sprint applications and has a 3 x 5.00" bolt circle. Type III hard anodized finished for durability. Use WIL230-10800 rotor bolt and T-nut kit for mounting.

Open Wheel Rotor Adapter
WIL300-13474 NEW!

High-strength aluminum adapter, engineered for sprint/midget hubs, includes a standard 3 x 5.00" bolt pattern and dual, 8 x 7.00" or fixed bolt pattern for rotor mounting.

Mini Sprint Front Rotor and Brake Combo



This ultimate lightweight Mini-Sprint front brake combination includes a precision CNC-machined aluminum front brake rotor specifically designed Keizer hubs with 5 x 2.38" mount circle. The rotor is heat-treated, anodized, drilled, and scalloped, the full symmetrical machining provides perfect balance and flatness. The lightweight two-piston (1.25" diameter) caliper, for use with .25" wide rotors, weighs only .90 pounds. Designed for tight fit applications while utilizing a standard 2.38" mounting. The composite metallic compound "Purple Pads" are ideal for high-temperature durability on aluminum brake rotors.

Part No.	Description
Brake Rotor	
WIL160-13712	7.00" x .25" x 2.38", Aluminum, Drilled, Scalloped
Caliper	
WIL120-12178	GP200, Billet Aluminum, 1.25" Dia. Pistons, 2.38" Mount

Super Alloy Scalloped Rotor
WIL160-10717 NEW!

One of the lightest rotors currently offered for Sprint applications, weighing just 1.4 lbs. Super Alloy solid steel rotor is 10.50" x .160", features a scalloped and drilled design, and offers a significantly improved lifespan when compared to aluminum rotors. Requires WIL300-10720 rotor adapter, purchased separately

Dynamic Mount Drilled Steel Rotor *WIL160-9772*

The most effective method of eliminating thermal stress and distortion, dynamic-mounted rotors are machined to accept special bolts and T-nuts, allowing the rotor to expand and contract independently of the mounting hub or hat. ***To mount this rotor on a 5/16"-18 threaded hat or hub, use bolt and T-nut kit WIL230-5308.***

Rotor Thk.	Rotor Dia.	No of Mt. Holes	Hole Type	Bolt Circle	Weight
.350"	11.75"	8	.325"	7.00"	4.1 lbs.

UL-32 Straight Vane Rotors

Ultralight rotors are the popular choice for dirt track and lighter duty pavement racing. Premium-grade, long-grain carbon iron provides excellent thermal stability, long life, and resistance to heat checking. UL-32 rotors include straight vanes for improved cooling.

Part No.	Rotor Thk.	Rotor Dia.	No. Of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-0277	.81"	12.19"	8	Thru	7.00"	8.9 lbs.
WIL160-0471	.81"	11.75"	8	Thru	7.00"	8.1 lbs.

UL-36 Curved Vane Rotors
WIL160-12292

Manufactured from a proprietary iron alloy developed to withstand extreme temperatures with the highest possible degree of resistance against distortion, warping, cracking, and wear. This alloy is a derivative of the technology and materials developed by Wilwood for extreme-duty military spec rotors. Every Spec 37 rotor is machined to less than .001" run-out, flatness, and parallelism. Combined with our proven GT Series asymmetrical face slot pattern and individual dynamic balancing.

Rotor Thk.	Rotor Dia.	No. of Mt. Holes	Hole Type	Bolt Circle	Weight
.81"	12.19"	8	Thru	7.00"	9.6 lbs.

ULD-32 Drilled Straight Vane Rotors

Part No.	Rotor Thk.	Rotor Dia.	No. Of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-5863	.81"	11.75"	8	Thru	7.00"	7.2 lbs.
WIL160-5865	.81"	12.19"	8	Thru	7.00"	8.0 lbs.

ULS-32 Scalloped Straight Vane Rotors

Part No.	Rotor Thk.	Rotor Dia.	No. Of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-8135	.81"	11.75"	8	Thru	7.00"	5.4 lbs.
WIL160-8136	.81"	12.19"	8	Thru	7.00"	5.9 lbs.

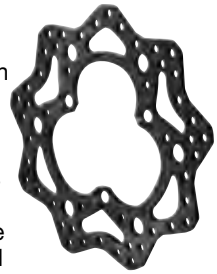
GT-36/GT-48 Series Directional Vane Rotors

Superior heat absorption and dissipation make GT-36/GT-48 rotors ideal for professional motorsports. Cast from premium carbon iron for thermal stability, resistance to distortion, and extended life.

Part No.	Mount	Rotor Thk.	Rotor Dia.	No. of Mt. Holes	Hole Type	Bolt Circle	Weight
WIL160-12285	RH	.810"	11.75"	8	.325"	7.00"	9.0 lbs.
WIL160-12286	LH	.810"	11.75'	8	.325"	7.00"	9.0 lbs.
WIL160-12291	RH	.810"	12.19"	8	.325"	7.00"	9.6 lbs.
WIL160-12292	LH	.810"	12.19"	8	.325"	7.00"	9.6 lbs.
WIL160-13500	LH	1.25"	11.75"	8	.313"	7.00"	10.9 lbs.

3-Hole Front-Mount Steel and Aluminum Rotors

WIL160-10475



3-hole mount aluminum rotors are precision CNC-machined from high-strength billet plate. Full symmetrical machining provides perfect balance and flatness, and the truest rotation of any rotor being built. These rotors fit the popular 3 x 5.00" bolt circle found on most sprint and midget front hubs. A durable black anodized finish prevents corrosion and simplifies the visual inspection of the contact faces. The best results are always achieved using Wilwood "Purple" brake pads.

Part No.	Description
WIL160-2084	.310", 11" x 5", Front Steel
WIL160-3411A	.310", 10.20" x 5", Front, Aluminum
WIL160-10475	.310", 11", Lightweight Steel

Splined Axle-Mount Aluminum Rotors

WIL160-3270A

Manufactured from the same high-strength billet with the same precision as Wilwood's three-hole mount front rotors. Full symmetrical machining provides perfect balance, and flatness, and the truest rotation of any aluminum rotor. A durable black anodized finish prevents corrosion and simplifies the visual inspection of the contact faces. The best results are always achieved using Wilwood "Purple" brake pads with these rotors.

Rotor Dia.	Rotor Thk.	Bolt Circle	Weight
10.29"	.310"	3" x 42 Spline	1.9 lbs.

Rotor Bolt Kits

Bolt kits fasten rotors to hubs or hats.

Part No.	Description
WIL230-0150	Socket Head, Threaded Rotors, (8) 5/16"-24 x .750"
WIL230-0526	Hex Head, Wide 5/Threaded Hats, (8) 5/16"-18 x 1.00"
WIL230-10800	Includes (9) 1/4"-28 Bolts, Washers and T-Nuts for Dynamic Mounting of Specific Brake Hat or Rotor Adapters

Midget Inboard Splined Hub Kit

WIL270-12634 NEW!

Midget, 38-spline inboard hub and adapter kit provides dynamic rotor mounting of standard, 6 x 5.50" bolt pattern rotors. Hub and adapter kit includes rotor adapter and dynamic rotor mounting bolt kit.

Combination Remote Master Cylinder with Banjo Outlet

WIL260-13621

Now available with a 3/8"-24 banjo outlet, master cylinder is designed for applications with limited space that require the reservoir capacity of a full-size unit. Sold complete with reservoir and required hardware.

Combination Master Cylinder Kits

Offering up to four combinations from one kit, the ultra-compact, lightweight master cylinder is ideal for sprints, midgets and a host of other high-performance applications. Master cylinder may be remotely or directly mounted using small or large reservoirs. Compact size offers up to 2" additional clearance between flange and outlet. Close tolerance cut-off and equalization ports assure immediate activation and heavy internal return springs offer smooth operation and quick release.

Part No.	Description
WIL260-12385	3/4" Master Cylinder Kit
WIL260-12387	7/8" Master Cylinder Kit
WIL260-12388	1" Master Cylinder Kit

Combination Remote Master Cylinder Kits

Each kit includes master cylinder with 3/8"-24 UNF outlets, large (10.7 ounce) and small (4.0 ounce) reservoirs, remote mounting bracket, remote inlet adapter, remote hose, reservoir cap, and hardware. ***Note: Replacement cap and gasket can only be used together.***

Description	Master Cylinder	Rebuild Kit
5/8" Master Cylinder Kit, 1.3" Stroke	WIL260-3372	WIL260-3880
3/4" Master Cylinder Kit, 1.1" Stroke	WIL260-3374	WIL260-3881
7/8" Master Cylinder Kit, 1.2" Stroke	WIL260-3376	WIL260-3882
1" Master Cylinder Kit, 1.0" Stroke	WIL260-3378	WIL260-3883
1-1/8" Master Cylinder Kit, 1.0" Stroke	WIL260-3380	—

Part No.	Description
Master Cylinder Replacement Parts	
WIL330-15081	Cap
WIL260-5752	Reservoir

Aluminum Master Cylinders

High-volume die-cast aluminum master cylinders have 26% more fluid capacity and include formed steel lids, bellows-type gaskets, internal slosh baffles, and standard mounting dimensions.

Description	Master Cylinder	Rebuild Kit	Replacement Lid and Gasket
3/4" Bore Master Cylinder	WIL260-6764	WIL260-6898	WIL330-13945
7/8" Bore Master Cylinder	WIL260-6765	WIL260-6899	WIL330-13945
1" Bore Master Cylinder	WIL260-6766	WIL260-6900	WIL330-13945

Mini Sprint/Kart 1/2" Bore Master Cylinder

WIL260-5520

Super lightweight (0.55 lbs.) 1/2" bore aluminum master cylinder is designed for Mini Sprint and Kart racing. Unit is ready to install and includes an adjustable lever ratio, remote mount fluid reservoir, billet bracket, lockwire drilled hardware, and fluid line fitting.

Master Cylinder Accessories

WIL260-3396

WIL260-5751

WIL260-10264

Part No.	Description
WIL260-3396	Remote Inlet Adapter, Combination Remote and Tandem Remote Master Cylinders
WIL260-5751	Remote Plastic Reservoir, 10.7 oz.
WIL260-10264	Inlet Adapter, Compact Remote Master Cylinder
WIL260-10500	Reservoir Kit, Includes 4.0-oz. and 7.2-oz. Plastic Reservoirs, and Supply Hose

No-Bleed Quick Disconnect Fittings NEW!

Ideal for use on applications where brake components are frequently serviced, special fittings utilize an internal high-tension spring-loaded seal that prevents air from entering and fluid from escaping. A quarter turn disconnects the line without the need for tools.

Part No.	Description
WIL260-16769	Male Side, -3AN Male Inlet
WIL260-16770	Female Side, -3AN Male Inlet
WIL260-16771	-3AN Male Inlet/-3AN Male Outlet

Residual Pressure Valves

Valves prevent fluid drain-back when master cylinder is mounted below floor, and eliminate excessive piston retraction for firmer pedal. Aluminum housing is tapped for 1/8" NPT on inlet and outlet for easy installation. Valves with fittings include one 1-1/8"-27 double-ended male fitting and one 1/8"-27 male to 3/8"-24 female adapter fitting for a direct mount to master cylinder.

Part No.	Description
WIL260-13706	2 lbs., Blue
WIL260-13783	2 lbs., Blue, with Fittings

Knob-Style Proportioning Valve
WIL260-8419

Improved valve features a fine-thread adjuster for precise pressure adjustments from 100-1,000 PSI. Unit can deliver up to 57% reduction in line pressure, the highest of any proportioning valve currently available. Compact, lightweight assembly has 1/8"-27 NPT ports and dual mounting holes. May be used to adjust front-to-rear, side-to-side, or single-wheel brake bias.

Lever-Style Proportioning Valve
WIL260-8420

Adjustable valve delivers precise pressure 100 to 1,000 PSI. Compact forged aluminum valve reduces in-line pressure by as much as 57% at full release. Easily mounted with two 1/4" diameter holes on 1" centers. Includes 1/8" NPT inlet and outlet ports with 1/8" NPT to 3/8"-24 brake line adapters.

Caliper Bleeders

Premium quality caliper fittings are designed to fit and work the first time, every time.

WIL220-0627

WIL220-0628

Part No.	Description
WIL220-0627	Bleed Screw Assembly 1/8"-27 (4-Pack)
WIL220-0628	Tube Adapter (4-Pack)

Caliper Shims

Use shims to adjust calipers for proper rotor positioning and clearance. Sold in packs of 10.

Part No.	Description
WIL240-4384	0.032" Thick, 3/8" I.D. Hole
WIL240-4385	0.032" Thick, 7/16" I.D. Hole
WIL240-4386	0.063" Thick, 7/16" I.D. Hole
WIL240-4387	0.015" Thick, 7/16" I.D. Hole

Quick-Check Pressure Gauge
WIL260-0966

Enables accurate master cylinder and brake bias set-up. Easy-to-read 0-1,500 PSI gauge threads into brake caliper bleed port.

Hi-Temp 570°F Racing Brake Fluid

Brake fluid has a dry boiling point of 570°F, over 150°F higher than DOT 3 requirements, and over 100°F higher than DOT 4 standards. Lubricates and cleans brake system's internal parts. Low viscosity makes bleeding brakes an easy operation. Eliminates aeration of brake fluid (foaming from excessive pumping of the pedal). Sold in hermetically sealed 12-oz. containers to prevent unwanted moisture absorption.

Part No.	Description
WIL290-0632	12-oz. Container
WIL290-0633	Case of (24) 12-oz. Containers

Ground Shipment Only

EXP 600 Plus Super Hi-Temp Racing Brake Fluid

EXP 600 Plus is a low-viscosity blend, developed and refined to withstand the high heat and extreme pressure demands of professional motorsports. Temperature rating of 626°F far exceeds minimum DOT 3 and DOT4 requirements. EXP 600 Plus exhibits low moisture and non-aeration characteristics that translate into solid pedal feel, immediate response, high heat protection and maximum service life. Sold in 16.5-oz. bottles or in cases.

Part No.	Description
WIL290-6209	16.5-oz. Bottles
WIL290-6210	Case of (20) 16.5-oz. Bottles

Ground Shipment Only

DISC BRAKES wilwood

PolyMatrix Brake Pads

Wilwood has many types of brake pad compounds designed specifically for racing. It is important to analyze braking requirements and select the proper pads. Experimentation is often necessary to determine the correct compound for a particular application.

PolyMatriX "A" Compound
Heat Range: Low to X-High, Torque: X-High

"A" compound delivers an immediate cold response with the highest friction values at all temperatures. Engineered for severe-duty oval track race applications that require immediate high response at low temperatures.

PolyMatriX "B" Compound
Heat Range: High, Torque: High

With quick warm-up, high friction, and fade-free performance at high temperatures, "B" is the best choice for sprints on pavement or dirt tracks with extreme braking.

BP-10 ("Smart Pads") Compound
Heat Range: Medium to High, Torque: Light to Medium

A medium to high-temp compound, low-dust characterNikistics, and the low-temperature response of a street pad. Use on dirt track cars with vented iron rotors, club sport, and track day racers.

PolymatriX BP-20 ("Smart Pads") Compound
Heat Range: Medium to X-High, Torque: Light to Medium

Provides increased friction levels with extended temperature range over BP-10. Ideal for heavy braking on dirt tracks, and hobby and sportsman asphalt racing.

PolymatriX BP-30 ("Smart Pads") Compound
Heat Range: Medium to X-High, Torque: Light to Medium

Long-wearing pad in the middle temperature ranges with moderate wear in sustained high-heat conditions. Works well on hard braking Dirt Late Models, Dirt Modifieds, and as a proven workhorse on Asphalt Late Models, Modifieds,
and Sportsman.

PolymatriX BP-40 ("Smart Pads") Compound
Heat Range: Low to High Torque: Medium

Improved friction compound is well suited to severe-duty oval, road course, and off-road applications that require aggressive response and durability at the highest of temperatures. Pads offer very high-heat fade resistance and long wear rates with iron and steel rotors.

PolyMatriX "E" Compound
Heat Range: Medium to High, Torque: Medium to High

A proven "Million Dollar" winner and the first choice for all types of dirt racing. "E" has immediate cold response, with consistent torque and pedal response through the entire temperature range. "E" has smooth engagement for finesse driving on slick tracks, with plenty of stopping power right from the start.

PolyMatriX "H" Compound
Heat Range: Low to X-High, Torque: High to X-High

Slightly softer initial response than "A" compound with the same high-temperature friction. Severe-duty compound has long wear characteristics
and works well on oval track applications. Delivers smooth, consistent engagement at all temperatures and pedal pressures.

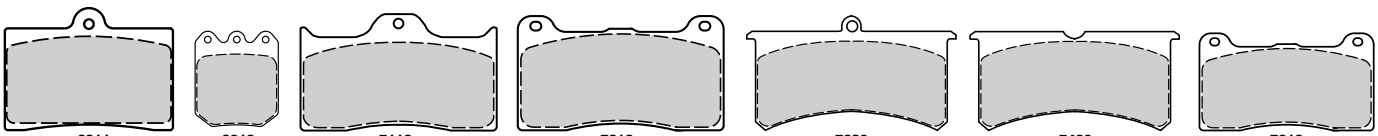
PolyMatriX "Q" Compound
Heat Range: Low to Medium, Torque: Medium

Ceramic-enhanced compound is ideally suited for aluminum rotors. Provides smooth engagement, long service life, quick recovery, and high fade-resistance.

POLYMATRIX BRAKE PAD CHART • AXLE SETS, 4 PADS PER SET

Caliper Type	"A" Compound	"B" Compound	"BP-10" Compound	"BP-20" Compound	"BP-30" Compound	"BP-40" Compound	"E" Compound	"H" Compound	"Q" Compound
6812									
Billet Dynalite Single	WIL15A-10142K	WIL15B-9819K	WIL150-9764K	—	WIL150-14770K	WIL150-12242K	WIL15E-9820K	—	—
7112									
Dynalite (Cotter Pin)	WIL15A-5734K	—	WIL150-8850K	—	—	WIL150-12243K	WIL15E-6096K	—	—
7320									
Superlite II, III	WIL15A-5735K	—	WIL150-8856K	—	—	—	WIL15E-6100K	—	—
7416									
Billet/Forged Narrow Superlite	—	WIL15B-6705K	—	WIL150-9415K	WIL150-14772K	WIL150-12244K	—	—	—
7420									
Superlite 6 and Forged S/L	WIL15A-5938K	WIL15B-5939K	WIL150-8854K	—	WIL150-14773K	WIL150-12245K	WIL15E-6084K	WIL15H-8114K	WIL150-Q-7420K
7520									
GN II, GN III, ST	WIL15A-5736K	WIL15B-3993K	—	—	WIL150-14774K	—	—	—	—
7812									
Billet Dynapro Lug Mount	WIL15A-9835K	WIL15B-9836K	WIL150-9136K	—	—	WIL150-12247K	WIL15E-9837K	—	—
7816									
Billet Dynapro Narrow Mount	WIL150-12248K	WIL15B-7264K	WIL150-8946K	WIL150-9419K	WIL150-14776K	WIL150-12248K	—	—	—
6211									
GP320	—	—	—	—	—	—	—	WIL150-13392K	—

PADS



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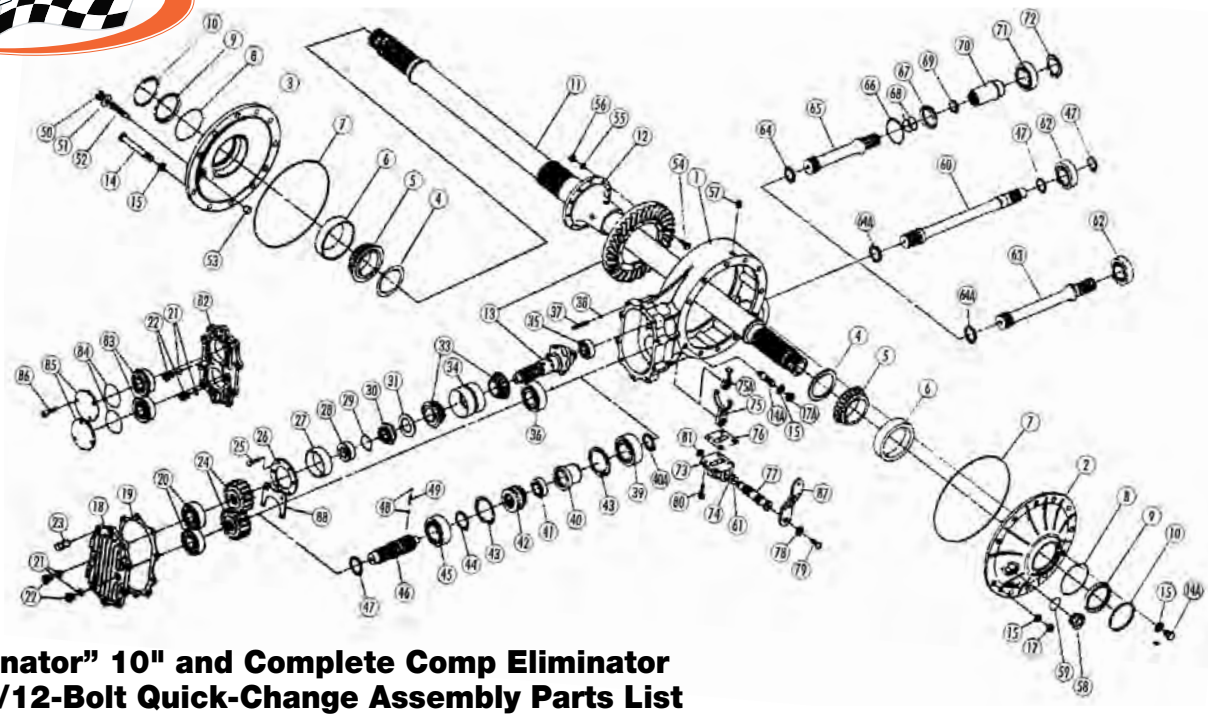


“Pro Eliminator” 10" and Complete Comp Eliminator Ring Gear/12-Bolt Quick-Change Assembly Parts List

No.	Description	Part No.	Qty.
1	Alum. Sprint Center (Add “S” to P/N for Shifter)	WIN5840	1
1	Magnesium Sprint Center	WINK2225UHD	
2	Standard Magnesium Right Side Bell	WINK6745-01	1
2	Lightweight Magnesium Right Side Bell	WINK6782-01	
3	Standard Magnesium Left Side Bell (w/Caliper Mount)	WINK6745-02	1
3	Lightweight Magnesium Left Side Bell (w/Caliper Mnt.)	WINK6964-02	
4	Shim Kit, Axle Bearing	WIN6115	1
5	Bearing Cone, Axle	WIN7358	2
6	Bearing Cup, Side Bell	WIN7357	2
7	O-Ring, Side Bell	WIN7403T	2
8	O-Ring, Side Bell Seal	WIN7433	2
9	Seal, Side Bell	WIN7224	2
10	Internal Snap Ring, Side Bell Seal	WIN7626	2
11	Steel Live Axle	WIN5778	1
11	Aluminum Live Axle	WIN5778A	
11	Lightweight Aluminum Live Axle	WIN5778L	
12	Ring Gear Flange, Axle	WIN6769	1
13	Ring And Pinion (Standard with 4.86 Ratio)	WIN5400	1
14	7/16"-20 x 5-1/2" Hex Head, Thru Bolt (9 for Shifter)	WIN7176	10
14A	7/16"-14 x 1-1/4" Hex Head, SCR.	WIN7117	2
15	7/16" SAE Flat Washer	WIN7178	22
17	7/16"-20 Flanged Locknut (9 for Shifter)	WIN7177N	10
18	Magnesium Gear Cover	WINK6480	1
19	Gasket, Gear Cover	WIN6729	1
20	Ball Bearing, Gear Cover	WIN7332	2
22	#6 AN Port Plug with O-Ring (Socket Head)	WIN7874	2
22	#6 AN Port Plug with O-Ring (Hex Head)	WIN7912	
23	3/8"-16 Alum. High Nut, Gear Cover	WIN7794AR	10
24	Quick-Change Gear Set (Not Part of Assembly)	WIN8500	1
25	3/8"-16 x 1" Hex Head, Retainer Plate	WIN7110	6
26	Retainer Plate, Pinion	WIN6296A	1
27	Retaining Ring, Pinion	WIN5020	1
28	Posi Lock Retainer	WIN6484	1
29	O-Ring, Posi Lock Retainer	WIN7445	1
30	Posi Lock Nut	WIN6485R	1
31	Bearing Washer, Pinion	WIN5055	1
33	Bearing Cone, Pinion Shaft	WIN7308	2
34	Double Bearing Cup, Pinion Shaft	WIN7307	1
35	Roller Bearing, Pinion Nose	WIN7331	1
36	Shielded Ball Bearing, Lower Shaft	WIN7339	1
37	3/8"-16 x 1-3/4" Stud, Gear Cover	WIN7802	10
38	5/16" Dia. Steel Ball, Gear Cover Stud	WIN7398	10
39	Ball Bearing, Stationary Coupler	WIN7391	1
40	Stationary Coupler	WIN6252	1
41	Small Ball Bearing, Stationary Coupler	WIN7392	1
42	Sliding Coupler	WIN6265	1
43	Internal Snap Ring, Rear Bearing	WIN7636	1
44	External Snap Ring, Stub Shaft	WIN7637	1
45	Shielded Ball Bearing, Stub Shaft	WIN7390	1
46	Stub Shaft	WIN6250	1
47	External Snap Ring, Stub Shaft and Lower Shaft	WIN7610	3
48	1/4" Dia. Steel Detent Ball	WIN7347	2
49	Detent Spring	WIN6318	1
50	1/2"-13 Aluminum Jam Nut	WIN7137A	1
51	1/2" SAE Flat Washer	WIN7167	1
52	1/2"-13 Adjusting Screw	WIN6149	1
53	Thrust Block	WIN5010	1
54	Ring Gear Bolt	WIN5124	12
55	3/8" SAE Flat Washer	WIN7114	12
56	3/8"-24 Locknut	WIN7115	12
57	3/8" Pipe Plug	WIN7111B	1
58	Inspection Plug	WIN3261	1
59	O-Ring, Inspection Plug	WIN7453	1
60	Standard Lower Shaft Closed Drive	WIN5003-05	1
61	O-Ring, Shifter Shaft (Large)	WIN7442	1
62	Special Sealed Ball Bearing, Lower Shaft	WIN7383F	1
63	HT Lower Shaft Shifter	WIN6249HT	1
64	External Snap Ring, Lower Shaft for Integral Coupler	WIN7660	1
65	HT Lower Shaft, Shifter with Integral Coupler	WIN6678-03	1
66	Spacer, Front Bearing	WIN6680	1
67	Seal, Integral Coupler	WIN7242	1
68	O-Ring, Lower Shaft with Integral Coupler	WIN7452	3
69	Internal Snap Ring, Integral Coupler	WIN7664	1
70	Integral 10-10 Coupler	WIN6676	1
71	Sealed Ball Bearing, Integral 10-10 Coupler	WIN7531	1
72	External Snap Ring, Integral 10-10 Coupler	WIN7657	1
73	Shifter Housing	WINK6264	1
74	O-Ring, Shifter Shaft (Small)	WIN7443	1
75	Shifter Yoke	WIN6302	1
76	Gasket, Shifter Housing	WIN6515	1
77	Shifter Shaft	WIN6251	1
78	3/8" Belleville Washer, Shift Arm	WIN7815	1
79	3/8"-24 x 3/4" Hex Head Bolt, Shift Arm	WIN7109S	1
80	5/16"-18 x 7/8" Ferry-Head Cap Screw, Shift Housing	WIN7795	4
81	External Snap Ring, Shifter Shaft	WIN7631	1
82	Heavy-Duty Gear Cover with Bearings	WINK6630	1
83	Double-Row All Bearing with Snap Ring	WIN7521	2
84	O-Ring, Bearing Cap	WIN7447	2
86	1/4"-20 x 5/8" Socket Head Cap Screw, Bearing Cap	WIN7955	6
87	Shift Arm	WIN6496	1
88	Bearing Retainer	WIN6267	1
89	Stud	WIN7863	2

“Pro Eliminator” 10" Ring Gear/12-Bolt Quick-Change Rear End Assemblies

Magnesium open tube assemblies have 10" ring gears with integral right side bell, shifter, Posi-Lock assembly, aluminum axle, sealed front bearing, pinion nose roller bearing, gear cover, and lightweight side bells.

Part No.	Included Options	R&P Ratio	Housing Width	Housing Offset
WINK1037S-6-S	WIN8104, WIN8122,	4.86	52"	1"
WINK1037S-6-LW	WIN8104, WIN8122, WIN8208	4.11	52"	1"

Complete Comp Eliminator Rear Axle Assembly

These complete 52" wide quick-change rear axle assemblies with 1" pinion offset include 4.12 ring and pinion, posi-lock assembly, roller bearing on pinion, lightweight 52" axle with 1.875" I.D., and either swivel spline coupler or steel internal 10-10 coupler.

Part No.	Description
WINK1037S-6-SSC	With Swivel Spline Coupler
WINK1037S-6-SIC	With Steel Internal 10-10 Coupler

Part No.	Description
Options for “Pro Eliminator” AND Eliminator	
WIN8104	Posi-Lock Assembly
WIN8122	Aluminum Axle

Note: A complete exploded view and breakdown of all component parts can be seen on page 499.

Front and Rear Torsion Arms

WINSC2686R

Heavy-duty styles are for racers that “feel” the arms flex under load. Contact patch under the arm is rounded to prevent premature arm wear. Torsion arms are solid from the bend to the back of the rear arm to help reduce flexing, a feature unique to Winters. Another Winters exclusive is a light press-fit on the shock bolt mounting area of rear arms. 100% machined surface torsion arms, with an available 10° angle broach to stiffen the wheel rate.

Part No.	Description
WINSC2125R	Right Front Torsion Arm, 10° Broach
WINSC2686R	Right Rear Torsion Arm
WINSC2688L	Left Rear Torsion Arm

Torsion Stops

Part No.	Description
WINSC2140	1-3/4", Forged 7075-T6 Aluminum
WINSC2160	1-3/4", Forged Steel
WINSC2160TB	1-3/4", Forged Titanium
WINSC2170	2", Forged Steel

WINSC2140

Jacobs Ladders *WINSC2505*

Made of 4130 chrome moly steel with 6061-T6 aluminum straps, ladders are available in 13-5/8" with straps. Straps have 3/8" holes.

Birdcage Axle Spacers

Part No.	Description
WIN2269	Steel Spacer for Splined Bearing Shoulder
WIN6156	Steel Ring, 1/8", Installs Prior to Birdcage
WIN12239	Splined Bird Cage Spacer, 'Left Rear Axle

WIN2269

WIN12239

Sprint Axle Spacer Kit *WIN3558*

Ten-piece axle spacer kit includes (2) 3/8" and (2) 3/4" straight spacers, (2) 1" and (1) 2" splined spacers, and (1) 1-1/4", (1) 2", and (1) 2-1/2" tapered splined spacers. Billet 7075-T6 aluminum.

Sprint Rear Axle Nuts

Hex nuts are made from 7075-T6 aluminum for sprints. Sold individually.

Part No.	Description
WIN6121L-UL	LH Threads
WIN6121R-UL	RH Threads
WIN6121L-UL	Axle Nut for Ultra Lite Axle
WIN6121R-UL	Axle Nut for Ultra Lite Axle

Forged Direct-Mount Front Hubs

Winters aluminum direct-mount front hubs are forged from 2024-T3 for superior strength. Aluminum hubs are CNC-machined, maintaining precise tolerances and gold anodized to resist corrosion. Complete with dust caps, wheel studs, nuts, bearings, races, and seals.

Part No.	Description
WIN3980C	Front Forged Aluminum Hub Set, for L/W Spindle, Silver
WIN3980B	Front Forged Aluminum Hub Set, for L/W Spindle, Black
WIN7291V	Double Lip Seal, for Oil

Track Star 5 Front Hubs *WIN3980-5B*

Lightweight, forged 2024-T3 aluminum front hubs are CNC-machined to precise tolerances and offer exceptional durability, while reducing critical rotating weight. Left hubs weighs 3.50 pounds, while right hub weighs 3.30 pounds. Hubs are sold complete with screw-in dust caps, wheel studs, nuts, bearings, races and seals.

King Pin Components

Part No.	Description
WIN1109-02A	King Pin Cap, Aluminum
WIN6476-02	King Pin, Steel

WIN1109-02A

WIN6476-02

Front Spindles

Part No.	Description
WIN3622	With Straight Steel Snout
WIN3622-B	With Straight Steel Snout, Black

Trick Spindle Nut Assembly *WIN2377*

Front Steering Arms

All Winters sprint steering arms are forged 7075-T6 aluminum.

Part No.	Description
WIN3451	Single Right, for 3-1/4" Spindles
WIN3452	Combo Left, for 3-1/4" Spindles

6-Pin Hub Studs *WIN5899*

Six front hub drive pins. For knock-off hubs.

Birdcages *WINSC2575-9118*

This state-of-the-art sprint birdcage is designed with strength in mind but still emphasizes weight savings. The forged 7075-T6, black anodized birdcage comes in pairs with fully greasable 28mm angular contact bearings, integral timing level, and all hardware.

Part No.	Description
WIN8668-1	Angular Contact Bearing, 28mm, Sold Individually
WINSC2574	Caliper Mount with Hardware

Steel Torque Balls with Boot Assembly *WIN4605*

Components are also offered separately.

Part No.	Description
WIN4064	Torque Ball
WIN4267	Retaining Collar Set

Torque Ball *WIN4064*

Sprint oversized torque ball assemblies are offered in standard and lightweight versions. Lightweight assembly is PTFE coated to reduce friction, decrease wear, and resist corrosion.

Aluminum Torque Tube and Collar *WIN6661-02*

Aluminum 3" dia. torque tube is 28" long. Includes aluminum collar.

10-10 Couplers

Part No.	Description
WIN5987	Standard Steel 10-10 Coupler
WIN6676	Integral Steel 10-10 Coupler

WIN5987

U-Joint Assembles

The latest development in U-joint technology, Hercules 7075 billet aluminum joints capture the journal a nd the U-bolts hold it securely. Weighs only 3.8 lbs. and is available in both 16- or 32-spline.

WIN4950-16

Part No.	Description
WIN3700	Aluminum U-Joint Assy. for Chevy/Chrysler
WIN3700-2	Steel/Aluminum U-Joint Assy. for Chevy/Chrysler
WIN4950-16	Hercules 16-Spline U-Joint
WIN4950-32	Hercules 32-Spline U-Joint

Ring and Pinion Assemblies

Gear sets fit popular 10" diameter, 12-bolt quick-change rear ends. Available with or without bearings.

Ratio	Part No.
Without Bearings	
4.11	WIN5714
4.86	WIN5400
WithBearings	
4.11	WIN5715
4.86	WIN5401

Quick-Change Accessories

Part No.	Description
WIN3053	Bearing Liner
WIN3067	Cable Bracket, Small
WIN4043	Cable Bracket, Two Bolt
WIN6115	Sprint Shim Kit, 9 Pcs.
WIN7403T	O-Ring, 10" Open Tube Side Bell
WIN7433	O-Ring Seal, 10" Open Tube
WIN7521	Gear Cover Bearings, Pair

WIN4043

WIN3067

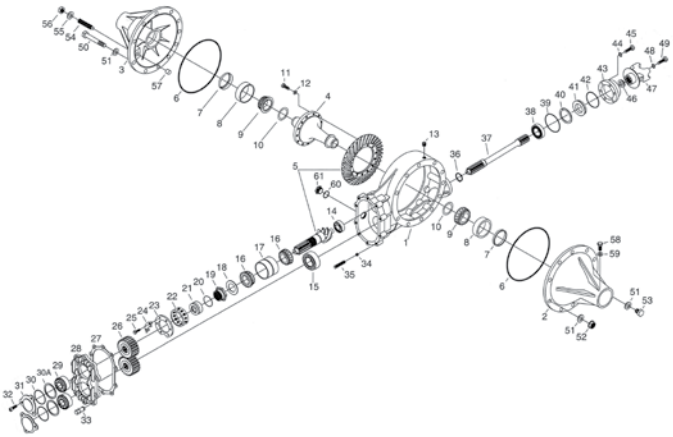
Through-Bolt Kit *WIN5218*

Kit contains ten 7/16"-20 x 5-1/2" Through bolts, washers, and lock nuts.

Posi-Lock Nut Assembly *WIN6498R*

Pinion Posi-Lock nut assembly fits 10" quick-change rear ends. Positive locking O-ring retains the nut and the spacer. Easy removal, but still stays in place when quick-change gears are being changed. Available in right-hand thread only.

SPRINT/MIDGET CLOSED DRIVELINE



1. Snap Ring (Integral 10-10 Coupler)
2. Front Bearing (Integral 10-10 Coupler)
3. Integral 10-10 Coupler
4. Internal Snap Ring (Integral 10-10 Coupler)
5. Standard 10-10 Coupler
6. Driveshaft 10-16 Spline
7. U-Joint Assembly
8. Torque Tube and Collar
9. Collar (Bellhousing)
10. Torque Ball
11. Bellhousing

Swivel Spline Driveline Conversion Kit *WIN3942-05*

Swivel Spline Conversion Kit *WIN3942-03*

Installation kit with gun-drilled steel drive shaft.

Part No.	Description
Replacement Components	
WIN2975	Swivel Spline Coupler
WIN2976-32	Swivel Insert
WIN4282	Swivel Spline Seal Kit for Drive Shaft
WIN7280	Swivel Spline Seal for Lower Shaft

Heat-Treated Lower Shafts *WIN6678-03*

Designed for use on 10" full-size quick-change rear ends.

Open Tube Breather Assembly *WIN2966*

Provides a vent for open tube rear end assemblies. Includes O-ring boss -6AN breather fitting, breather adapter plug, O-ring, and 16" of poly tubing.

Semi-Synthetic Lubricant *WIN1730*

Specifically engineered for rear axles, semi-synthetic 80-90-140W Hypoid lube has moly additives to reduce friction and enhance durability. Sold in 1-gallon containers.

8500 Series 10-Spline Quick Change Gear Poster *WINPOSTER10*

Full-sized (16-1/2" x 20") poster displays tooth count and ring and pinion ratio data. Ideal for the race shop or trailer.

Magnesium Sprint Center Gear Bearing *WIN7332*

Gear Cover Accessories

WIN6390AR

WIN6729HD

WIN5290-01

WIN6857-01

WIN6729

Fig. No.	Part No.	Description
5	WIN6390AR	Aluminum High Nut and Stud Kit
6	WIN6729HD	Sprint Center Gasket (Heavy-Duty)
6	WIN6729	Sprint Center Gasket, Gear Cover
7	WIN7447	O-Ring, H.D. Sprint Cover Bearing Cap
9	WIN5290-01	Large Inspection Plug
10	WIN6857-01	Small Inspection Plug

8500 Series 10-Spline Quick-Change Gears (Sprint Gears)

Winters 10-spline, quick-change gears for use with 10" dia. ring gear are 1-3/8" wide, and machined, broached, and hobbed from quality SAE 8620 steel by Winters technicians. Sets 50 through 58 are for limited horsepower applications only. Winters also has an attractive poster (WINPOSTER10) which displays all available gear sets and ratios, making it an ideal reference chart for the wall of any race shop.

Part No.	Gear Set No.	4.12 Axle Ratio (8-33 Teeth) Low	4.12 Axle Ratio (8-33 Teeth) High	Low Spur Ratio	No. of Teeth	High Spur Ratio	4.86 Axle Ratio (7-34 Teeth) Low	4.86 Axle Ratio (7-34 Teeth) High
WIN8501	1	4.12	4.12	1.000	21/21	1.000	4.86	4.86
WIN8502	2	3.97	4.27	0.964	27/28	1.037	4.69	5.04
WIN8505	5	3.96	4.29	0.960	24/25	1.042	4.67	5.06
WIN8515A	15A	3.93	4.32	0.955	21/22	1.048	4.64	5.09
WIN8515	15	3.91	4.34	0.950	19/20	1.053	4.62	5.11
WIN8526	26	3.84	4.43	0.931	27/29	1.074	4.53	5.22
WIN8506	6	3.79	4.48	0.920	23/25	1.087	4.47	5.28
WIN8525	25	3.75	4.53	.0909	20/22	1.100	4.42	5.34
WIN8512	12	3.69	4.60	0.897	26/29	1.115	4.36	5.42
WIN8507	7	3.65	4.66	0.885	23/26	1.130	4.30	5.49
WIN8507A	7A	3.61	4.71	0.875	21/24	1.143	4.25	5.55
WIN8517	17	3.57	4.75	0.867	26/30	1.154	4.21	5.60
WIN8517A	17A	3.53	4.81	0.857	24/28	1.167	4.17	5.67
WIN8508A	8A	3.51	4.84	0.852	23/27	1.174	4.14	5.70
WIN8508	8	3.49	4.87	0.846	22/26	1.182	4.11	5.74
WIN8519	19	3.46	4.91	0.840	21/25	1.190	4.08	5.78
WIN8509A	9A	3.43	4.94	0.833	25/30	1.200	4.05	5.83
WIN8509	9	3.40	4.99	0.826	19/23	1.211	4.02	5.88
WIN8511	11	3.36	5.06	0.815	22/27	1.227	3.96	5.96
WIN8503	3	3.32	5.11	0.806	25/31	1.240	3.92	6.02
WIN8513	13	3.30	5.15	0.800	20/25	1.250	3.89	6.07
WIN8518	18	3.27	5.20	0.793	23/29	1.261	3.85	6.12
WIN8518A	18A	3.24	5.24	0.786	22/28	1.273	3.82	6.18
WIN8504A	4A	3.22	5.26	0.783	18/23	1.278	3.80	6.21
WIN8520A	20A	3.20	5.30	0.778	21/27	1.286	3.78	6.25
WIN8504	4	3.19	5.32	0.774	24/31	1.292	3.76	6.27
WIN8520	20	3.17	5.36	0.769	20/26	1.300	3.74	6.31
WIN8522	22	3.13	5.42	0.760	19/25	1.316	3.69	6.39
WIN8516	16	3.09	5.49	0.750	18/24	1.333	3.65	6.48
WIN8510	10	3.05	5.57	0.739	17/23	1.353	3.59	6.57
WIN8510A	10A	3.02	5.62	0.733	22/30	1.364	3.56	6.62
WIN8534A	34A	3.00	5.67	0.727	16/22	1.375	3.54	6.68
WIN8534	34	2.97	5.69	0.724	21/29	1.381	3.52	6.71

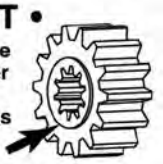
Part No.	Gear Set No.	4.12 Axle Ratio (8-33 Teeth) Low	4.12 Axle Ratio (8-33 Teeth) High	Low Spur Ratio	No. of Teeth	High Spur Ratio	4.86 Axle Ratio (7-34 Teeth) Low	4.86 Axle Ratio (7-34 Teeth) High
WIN8514	14	2.96	5.73	0.719	23/32	1.391	3.49	6.76
WIN8514A	14A	2.94	5.77	0.714	20/28	1.400	3.47	6.80
WIN8535	35	2.92	5.82	0.708	17/24	1.412	3.44	6.86
WIN8532	32	2.90	5.86	0.704	19/27	1.421	3.42	6.90
WIN8532A	32A	2.87	5.91	0.697	23/33	1.435	3.39	6.97
WIN8524	24	2.84	5.97	0.690	20/29	1.450	3.35	7.04
WIN8536	36	2.80	6.06	0.680	17/25	1.471	3.31	7.14
WIN8537	37	2.79	6.08	0.677	21/31	1.476	3.29	7.17
WIN8523	23	2.75	6.18	0.667	22/33	1.500	3.24	7.29
WIN8521	21	2.70	6.29	0.655	19/29	1.526	3.18	7.41
WIN8521A	21A	2.69	6.32	0.652	15/23	1.533	3.17	7.45
WIN8527	27	2.67	6.37	0.647	22/34	1.545	3.15	7.51
WIN8543	43	2.64	6.44	0.644	16/25	1.563	3.11	7.59
WIN8528	28	2.61	6.51	0.633	19/30	1.579	3.08	7.67
WIN8528A	28A	2.59	6.54	6.30	17/27	1.588	3.06	7.71
WIN8529	29	2.58	6.59	0.625	15/24	1.600	3.04	7.77
WIN8539	39	2.56	6.64	0.621	18/29	1.611	3.02	7.83
WIN8530	30	2.54	6.70	0.615	26/16	1.625	2.99	7.89
WIN8540	40	2.53	6.72	0.613	19/31	1.632	2.98	7.93
WIN8541	41	2.50	6.81	0.607	17/28	1.647	2.95	8.00
WIN8531	31	2.47	6.87	0.600	21/35	1.667	2.92	8.10
WIN8533	33	2.42	7.00	0.588	20/34	1.700	2.86	8.26
WIN8531A	31A	2.40	7.06	0.583	21/36	1.714	2.84	8.33
WIN8530A	30A	2.38	7.14	0.577	15/26	1.733	2.80	8.42
WIN8550	50	2.35	7.21	0.571	35/20	1.750	2.78	8.50
WIN8551	51	2.34	7.27	0.567	30/17	1.760	2.75	8.57
WIN8552	52	2.32	7.32	0.563	32/18	1.778	2.73	8.64
WIN8554	54	2.29	7.42	0.556	15/27	1.800	2.70	8.74
WIN8555	55	2.27	7.47	0.552	29/16	1.813	2.68	8.80
WIN8556	56	2.26	7.51	0.548	31/17	1.824	2.67	8.86
WIN8557	57	2.20	7.73	0.533	30/16	1.875	2.59	9.11
WIN8558	58	2.19	7.76	0.531	32/17	1.882	2.58	9.14

4400 Series 6-Spline Quick-Change Gears (Midget Gears)

Part No.	Gear Set No.	Low Spur Ratio	High Spur Ratio	No. of Teeth	3.78 Axle Ratio (9-34 Teeth) Low	3.78 Axle Ratio (9-34 Teeth) High	4.11 Axle Ratio (9-37 Teeth) Low	4.11 Axle Ratio (9-37 Teeth) High	4.33 Axle Ratio (9-39 Teeth) Low	4.33 Axle Ratio (9-39 Teeth) High
WIN4401	1	1.000	1.000	24/24	3.78	3.78	4.11	4.11	4.33	4.33
WIN4402	2	0.958	1.043	23/24	3.62	3.94	3.94	4.29	4.15	4.52
WIN4403	3	0.920	1.087	23/25	3.48	4.11	3.78	4.47	3.98	4.71
WIN4403B	3B	0.895	1.118	17/19	3.38	4.22	3.68	4.59	3.87	4.84
WIN4403A	3A	0.880	1.136	22/25	3.33	4.30	3.62	4.67	3.81	4.92
WIN4404	4	0.846	1.182	22/26	3.20	4.47	3.48	4.86	3.66	5.12
WIN4405	5	0.808	1.238	21/26	3.05	4.68	3.32	5.09	3.50	5.36
WIN4405A	5A	0.792	1.263	19/24	2.99	4.77	3.25	5.19	3.43	5.47
WIN4406	6	0.778	1.286	21/27	2.94	4.86	3.20	5.28	3.37	5.57
WIN4424	24	0.767	1.304	23/30	2.90	4.93	3.15	5.36	3.32	5.65
WIN4425	25	0.750	1.333	18/24	2.84	5.04	3.08	5.48	3.25	5.77
WIN4407	7	0.741	1.350	20/27	2.80	5.10	3.04	5.55	3.21	5.85
WIN4423	23	0.727	1.375	16/22	2.75	5.20	2.99	5.65	3.15	5.95
WIN4408	8	0.714	1.400	20/28	2.70	5.29	2.94	5.75	3.09	6.06
WIN4422	22	.704	1.421	19/27	2.66	5.37	2.89	5.84	3.05	6.15
WIN4409	9	0.696	1.438	16/23	2.63	5.43	2.86	5.91	3.01	6.22
WIN4410	10	0.682	1.467	15/22	2.58	5.54	2.80	6.03	2.95	6.35
WIN4411	11	0.667	1.500	18/27	2.52	5.67	2.74	6.17	2.89	6.50
WIN4412	12	0.655	1.526	19/29	2.48	5.77	2.69	6.27	2.84	6.61
WIN4413	13	0.652	1.533	15/23	2.47	5.80	2.68	6.30	2.82	6.64
WIN4414	14	0.636	1.571	14/22	2.41	5.94	2.62	6.46	2.76	6.80
WIN4415	15	0.625	1.600	15/24	2.36	6.05	2.57	6.58	2.71	6.93
WIN4416	16	0.615	1.625	16/26	2.33	6.14	2.53	6.68	2.66	7.04
WIN4417	17	0.600	1.667	18/30	2.27	6.30	2.47	6.85	2.60	7.22
WIN4418	18	0.591	1.692	13/22	2.23	6.40	2.43	6.96	2.56	7.33
WIN4418A	18A	0.571	1.750	16/28	2.16	6.62	2.35	7.19	2.47	7.58
—	19	0.560	1.786	14/25	2.12	6.75	2.30	7.34	2.42	7.73

• IMPORTANT •

Install Quick Change Gears With Shoulder Facing Out Toward Gear Cover Bearings



7" Quick-Change Gears

Quick-change gears are manufactured from premium SAE 8620 steel and crown cut.

				3.78 R&P Ratio		4.57 R&P Ratio		5.13 R&P Ratio	
Part No.	Low Spur Ratio	High Spur Ratio	No. of Teeth	Low	High	Low	High	Low	High
WIN3801	1.00	1.00	25/25	3.78	3.78	4.57	4.57	5.13	5.13
WIN3802	.96	1.05	23/22	3.63	3.97	4.39	4.80	4.92	5.39
WIN3803	.92	1.08	26/24	3.48	4.08	4.20	4.94	4.72	5.54
WIN3805	.88	1.14	24/21	3.33	4.31	4.02	5.21	4.51	5.85
WIN3806	.85	1.17	27/23	3.21	4.42	3.88	5.35	4.36	6.00
WIN3807	.83	1.20	30/25	3.14	4.54	3.79	5.48	4.26	6.16
WIN3808	.82	1.22	22/18	3.10	4.61	3.75	5.58	4.21	6.26
WIN3809	.80	1.25	25/20	3.02	4.73	3.66	5.71	4.10	6.41
WIN3810	.79	1.27	28/22	2.99	4.80	3.61	5.80	4.05	6.52
WIN3811	.77	1.29	31/24	2.91	4.88	3.52	5.90	3.95	6.62
WIN3812	.74	1.35	23/17	2.80	5.10	3.38	6.17	3.80	6.93
WIN3813	.73	1.37	26/19	2.76	5.18	3.34	6.26	3.74	7.03
WIN3814	.72	1.38	29/21	2.72	5.22	32.9	6.31	3.69	7.08
WIN3815	.67	1.50	30/20	2.53	5.67	3.06	6.86	3.44	7.70

Small Block Chevy 23° Forged Max Series Flat-Top Piston Kits *WISK0003X3*

Max Series 23° small block 350 Chevy kits utilize strutted, high-strength 2618 alloy pistons with low-friction metric piston rings. Flat-top pistons feature ArmorGlide-coated skirts for reduced scuffing and lateral gas ports for maximum compression sealing. Pistons are sold in sets of eight, complete with 1.2mm, 1.2mm, and 3.0mm metric GFX piston rings, .927" x 2.250" piston pins, and spiral locks.

Bore	Stroke	Rod Length	"0" Deck Height At	Comp. Height	Dome Volume
4.030"	3.480"	5.700"	8.990"	1.550"	-5.7cc

Wrist Pin Retainers *WISCS-24*

Replacement three-layer spiral locks fit small block Chevy, .927" diameter wrist pins. Retainers are .075" thick x 1.010" free O.D. and sold in pairs.

Racing Oil Filters

Wix racing oil filters use "glass-enhanced" cellulose media to capture particles as small as 10-12 microns, removing up to 94% more dirt than traditional filters. Some styles include built-in bypasses to maintain oil pressure, even under heavily clogged conditions.

Part No.	Height	Dia.	Thread Size	By-Pass Rate	Flow
Chevy					
WIX51060R	5.170"	3.600"	13/16"-16	None	28 GPM
WIX51069R	4.330"	3.600"	13/16"-16	None	28 GPM
WIX51794R	7.820"	3.600"	13/16"-16	None	28 GPM
Late GM					
WIX51061R	5.178"	3.660"	13/16"-16	None	28 GPM
Remote Mount					
WIX51222R	6.210"	4.600"	1-1/2"-12	18-22 PSI	28 GPM
Chrysler/Ford					
WIX51515R	5.170"	3.600"	3/4"-16	8-11 PSI	28 GPM
WIX57003R	6.210"	4.600"	1-1/2"-12	18-22 PSI	30 GPM
WIX57007R	5.900"	4.200"	1-1/2"-16	18-22 PSI	30 GPM

Dirt Racing Air Filters *WIX42096R*

Racing air filter elements flow over 1,000 CFM without compromising filtering qualities. Wix racing air filters extend piston ring life by removing dirt, debris, and other contaminants before they enter the engine. 14" diameter x 4" tall.

Chevy Spin-On Oil Filter Conversion Kit *WIX24061*

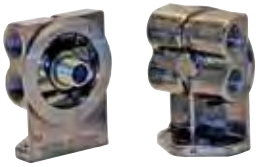
Convert 1956-67 Chevy V-8s from OEM canister type to spin-on oil filter. Includes base, gasket, mounting bolts, and instructions.

Oil Filter Adapters

When exhaust header-to-oil filter clearance is an issue, specialized adapters convert engine-mounted filter to a remote-mounted base. Adapters include 1/2" NPT female inlet and outlet ports. Oil lines must be purchased separately.

Part No.	Description
WIX24730	3/4"-16 Threads (Ford/Chrysler)
WIX24734	13/16"-16 Threads (GM)

Remote-Mount Oil Filter Mounting Base



Used with an oil filter adapter, remote-mounted base can filter engine oil, transmission fluid, etc. Base has three mounting holes, dual 1/2" NPT inlet and outlet ports, and two 1/2" NPT plugs for blocking off unused ports.

Part No.	Description
WIX24764	Remote-Mounted Base, Accepts 3/4"-16 Filters (Ford/Chrysler)
WIX24766	Remote-Mounted Base, Accepts 13/16"-16 Filters (GM)
Replacement Component	
WIX24004	Replacement Element

Woodward Precision Steering Components, known for their unique features, are the choice of top professional drivers. For example, interchangeable pinion gear assemblies permit the installation of different steering ratios without having to change either the rack shaft or the housing.

Steering Universal Joints

W00UA100100

Steering universal joints feature billet bodies, low-friction needle roller bearing, heat-resistant seals and a solid, one-piece trunnion made of 6150 chrome vanadium. U-joints combine zero backlash with extremely low operating effort because of their close tolerances. Can operate smoothly at a 30° angle. Splined ends feature two set screws for positive shaft retention.

Part No.	Description
W00UA100100	.750" x .750" Smooth Bore
W00UA102100	.735", 36-Spline x .750" Smooth Bore

Weld-In Steering Shaft Stubs

Fabricate custom length steering shafts with standard 3/4" O.D. steel tubing.

Part No.	Description
W00ST201A	Weld-In Stub, for .120" Wall x 3/4" O.D.
W00ST201B	Weld-In Stub, for .065" Wall x 3/4" O.D.

Steering Wheel Quick-Releases

Releases have precision low-profile "square" splines with 2" of engaged length to resist unintentional removal. Release cannot eject itself accidentally and requires minimal effort to release it. Steel or aluminum pull-ring quick-releases meet stringent SFI 42.1 specs. Complete with weld-on adapter, bolts, and washers.

Part No.	Description
W00QRA-1R	Quick-Release with Aluminum Pull Ring
W00QRS	Quick-Release with Steel Pull Ring

Metal Rescue Rust Remover Gel

WSH17-MRG

This rust-removing gel is clean, safe, and easy to use. The non-toxic, environmentally safe, biodegradable gel requires no scrubbing, dipping, or wire brushing. Manufactured with a highly adhesive formula allows for easy use on vertical surfaces with very little waste. 17.64-oz. container.

Metal Rescue Rust Remover Bath

Metal Rescue is a non-hazardous, easy, safe, clean, and effective method of rust removal without health or environmental concerns. Easy to use; simply immerse rusty parts in the liquid for 5 minutes to 24 hours based on the amount of rust, temperature of the liquid, and type of steel. Metal Rescue removes the rust from the part and the rust becomes suspended in the solution. Once rust is removed, simply rinse part off and dry, and the part is ready for use. Sold in 1- and 5-gallon containers.

Part No.	Description
WSH128-MR	1 Gallon
WSH5-MR	5 Gallon

WOODY WIRES
QUALITY SPARK PLUG WIRES

Small Block Chevy Racing Spark Plug Wire Sets

Manufactured using high-quality components. A silicone jacket is covered with fiberglass braided EPDM insulation and an Aramid fiber core is coated with conductive latex, spiral-wrapped in stainless steel. The resulting wire has the conductivity and performance of a metal core. Ready-to-install, custom-tailored wire sets are race proven. Small block Chevy wires listed include 90° boots at distributor and spark plug ends.

Part No.	Description
WDYS813	HEI, Around Front
WDYS817	HEI, Around Back

WOODWARD-FAB

Plasma Cutting Machine

Plasma cutter is able to cut up to 1/2" thick mild steel. 220-volt, single-phase electric unit, which features a 20-40-amp current range and 60% duty cycle, incorporates solid state electronics into a sturdy metal cabinet. Includes hand torch with cable, ground cable with clamp, and power cord.

Part No.	Description
WWFPL500	Plasma Cutting Machine
WWFPL-KIT	Consumable Kit for WWFPL500, Includes (5) Dual-Sided Electrodes, (5) Nozzles, (2) Ceramic Cups, & (2) Ceramic Diffusers

Plasma Cutting Machine

WWFPL500

Plasma cutter can to cut up to 1/2" thick mild steel. 220-volt, single-phase electric unit features a 20-40 amp current range and 60% duty cycle, and is built using solid-state electronics into a sturdy metal cabinet. Includes hand torch with cable, ground cable with clamp, and power cord.

Auto-Darkening Welding Helmet

WWFWELDH2 NEW!

Used for MIG, TIG, or arc welding, auto-darkening helmet combines the benefits of an ultra-quick 1/25,000 second reaction time and large, 3.86" x 1.73" viewing area. Automatic on/off is powered by (2) lithium batteries (included).

Magnetic Weld Positioning Clamp

WWFWFMC

Magnetic clamp holds parts at virtually any angle for welding. Steel clamp has 4-3/4" edges and requires no batteries or power.

Tube Straightener

WWFTT100

Tube straightener mounts to a work-bench or clamps in a vise and straight-ens coiled tubing quickly using (5) easy turning, 2-3/8" dia. non-marring Delrin wheels. Adjustable for use on 3/16" through 1/2" dia. round tubing.

Pipe/Tube Bending Kit

WWFSPBENDKIT

Perform smooth, kink-free bends to 3/8" through 7/8" round and 3/4" or 1" square tubing. Tool kit mounts to a bench top or clamps in a vise, and features an extension handle and threaded adjustment. Includes rugged cast iron base, handle, and dies (3/8", 1/2", 9/16", 5/8", 3/4", and 7/8" for round tubing, 3/4" and 1" for square tubing).

Hole Saw Pipe Notcher

WWFSPPIPENOTCH

Designed for use with a hand-held drill motor or drill press, pipe notcher accepts standard hole saw blades up to 2-1/2" or pipe up to 2", while allowing compound angle adjust-ments up to 60° using an easy-to-read angle scale. Pipe notcher features a chrome-plated frame and bronze bearing for long service life.

Manual Tube and Pipe Bender *WWFWFB2*

Manually-operated unit can effectively bend up to 2" round or square tubing. Metal-framed bender uses CNC-machined components, engraved degree ring, and 36" handle for smooth, precise operation. Optional stand converts unit from bench-top to stand-alone operation. Manual tube bender dies may be purchased separately.

Part No.	Description
WWFWFB2STAND	Optional 37" Tall Stand For WFB2
WWFWFBDT11/2X5	1-1/2" Round O.D. Tube Die x 5" CLR 120° Die Set
WWFWFBDT11/2X5-180	1-1/2" Round O.D. Tube Die x 5" CLR 180° Die Set
WWFWFBDT11/4X4	1-1/4" Round O.D. Tube Die x 4" CLR 120° Die Set
WWFWFBDT11/4X4-180	1-1/4" Round O.D. Tube Die x 3" CLR 180° Die Set
WWFWFBDT13/4X6	1-3/4" Round O.D. Tube Die x 6" CLR 120° Die Set
WWFWFBDT13/4X6-180	1-3/4" Round O.D. Tube Die x 6" CLR 180° Die Set
WWFWFBDT15/8X5	1-5/8" Round O.D. Tube Die x 5" CLR 120° Die Set
WWFWFBDT15/8X5-180	1-5/8" Round O.D. Tube Die x 5" CLR 180° Die Set

Pipe Notcher *WWFWFN6*

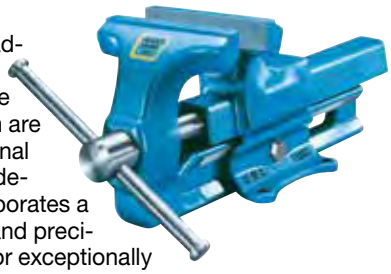
Engineered for use with any 1/2" hand drill, tool mounts to a bench or clamps in a vise and works with tubing from 3/4" to 3" O.D., notching it as desired. Notcher features solid steel construction with a hardened and ground spindle that accepts standard hole saws.

Cast Iron Vises

These solid cast iron vises offer a large anvil area, swivel base, and replaceable hardened steel pipe jaws at an economical price. Choose from 4" or 6-1/2" bench-mounted units.

Part No.	Description
WWFWFV4.0	4" Cast Iron Vise
WWFWFV6.5	6-1/2" Cast Iron Vise

Heuer Forged Steel Vises *WWFVH100160*



Among the industry's leading bench vises, German-made Heuer units use forged steel frames, which are 35% stronger than traditional cast iron units. Virtually indestructible, each vise incorporates a specially-crafted spindle and precision-machined surfaces for exceptionally smooth operation.

Sheet Metal Thickness Gauge *WWFWFSG*

Handy tool quickly determines sheet metal thickness. Easy-to-read scale is engraved 0-30 gauge on one side and .0125"-.3125" on the reverse side.

Power Cell 12-Volt AGM Racing Batteries

XSPD3400

Specifically designed for racing applications, Power Cell 12-volt AGM (Absorbed Glass Mat) batteries are completely sealed, eliminating leakage. Cranking power is two to three times that of an equal size flooded battery. All have SAE post adapters included.

Part No.	Max Amps	Ah	Length	Width	Height	Weight
XSPS680	1000	28	7.28"	3.19"	6.63"	17.42 lbs.
XSPS925	2000	55	6.65"	7.04"	4.98"	25.57 lbs.
XSPS975	2100	50	7.83"	5.24"	6.63"	29.07 lbs.
XSPS1200	3300	135	7.97"	6.69"	6.75"	35.94 lbs.
XSPD3400	3300	65	10.24"	6.75"	7.20"	46 lbs.

Lightweight Aluminum Battery Hold Downs

Offered in billet or stamped aluminum, hold downs are designed to secure XS Power batteries.

Part No.	Description
XSP511	S680 Stamped Side Mount Box with Window
XSPHD-975	S975 Billet Hold Down

Battery Post Adapters

Brass adapters allow use of conventional, post-style terminals on XS Power batteries. Sold in pairs with fasteners.

Part No.	Description
XSP580	Short Brass Post Adapters, M6
XSP586	Tall Brass Post Adapters for 925/1200 Models, M6

Aluminum Hose Ends

XRP hose ends are aviation nipple and cutter style to prevent blow off and leakage problems. Fittings are built from heat-treated aluminum and are race ready.

Red/Blue Swivel	Black Swivel	Red/Blue Non-Swivel	AN Size
Straight			
XRP100004	XRP100004BB	—	-4
XRP100006	XRP100006BB	—	-6
XRP100008	XRP100008BB	—	-8
XRP100010	XRP100010BB	—	-10
XRP100012	XRP100012BB	—	-12
XRP100016	XRP100016BB	—	-16
—	XRP100020BB	—	-20
30° Hose Ends			
—	—	XRP103008	-8
—	XRP203010BB	—	-10
XRP203012	XRP203012BB	—	-12
XRP203016	XRP203016BB	—	-16
45° Hose Ends			
—	—	XRP104504	-4
XRP204506	XRP204506BB	XRP104506	-6
XRP204508	XRP204508BB	XRP104508	-8
XRP204510	XRP204510BB	XRP104510	-10
XRP204512	XRP204512BB	—	-12
—	XRP204516BB	XRP104516	-16
60° Hose Ends			
XRP206006	XRP206006BB	—	-6
—	XRP206008BB	—	-8
XRP206010	XRP206010BB	—	-10
—	XRP206012BB	—	-12
90° Hose Ends			
—	—	XRP109004	-4
XRP209006	XRP209006BB	XRP109006	-6
XRP209008	XRP209008BB	XRP109008	-8
XRP209010	XRP209010BB	XRP109010	-10
XRP209012	XRP209012BB	XRP109012	-12
XRP209016	XRP209016BB	XRP109016	-16
—	—	XRP109020	-20
120° Hose Ends			
XRP212006	XRP212006BB	—	-6
XRP212010	XRP212010BB	XRP112010	-10
XRP212012	XRP212012BB	—	-12
150° Hose Ends			
XRP215012	XRP215012BB	—	-12
180° Hose Ends			
XRP218006	XRP218006BB	—	-6
XRP218008	XRP218008BB	—	-8
XRP218010	XRP218010BB	—	-10
XRP218012	XRP218012BB	—	-12

Double-Swivel Forged 90° Hose Ends

Double-swivel style ends are triple sealed and adjustable after assembly to hose. All hose ends are JIC 37°.

Red/Blue	Black	AN Size
XRP209108	XRP209108BB	-8
XRP209110	XRP209110BB	-10
XRP209112	XRP209112BB	-12

Aluminum Push-On Hose Ends

Machined from aluminum alloy with red and blue or black anodized finish, hose ends are only compatible with push-on hose, NOT stainless steel braided hose. All hose ends are JIC 37°. See below for hose clamps and pliers.

Red/Blue	Black	AN Size
Straight		
XRP230004	XRP230004BB	-4
XRP230006	XRP230006BB	-6
XRP230008	XRP230008BB	-8
XRP230010	XRP230010BB	-10
XRP230012	XRP230012BB	-12
45°		
XRP234504	XRP234504BB	-4
XRP234506	XRP234506BB	-6
XRP234508	XRP234508BB	-8
XRP234510	XRP234510BB	-10
XRP234512	XRP234512BB	-12
60°		
—	XRP236006BB	-6
—	XRP236008BB	-8
—	XRP236010BB	-10
—	XRP236012BB	-12
90°		
XRP239004	XRP239004BB	-4
XRP239006	XRP239006BB	-6
XRP239008	XRP239008BB	-8
XRP239010	XRP239010BB	-10
XRP239012	XRP239012BB	-12
120°		
—	XRP231206BB	-6
XRP231208	XRP231208BB	-8
XRP231210	XRP231210BB	-10
—	XRP231212BB	-12
150°		
—	XRP231506BB	-6
XRP231512	—	-12
180°		
XRP231806	—	-6
XRP231808	XRP231808BB	-8

Ensure Hose Clamps

Use self-tensioning hose clamps with push-on hose ends to provide a tight, leak-proof seal without damaging the hose. Clamps come in four pack.

Part No.	Description
XRP818404	-4AN Clamp
XRP818406	-6AN Clamp
XRP818408	-8AN Clamp
XRP818410	-10AN Clamp
XRP818412	-12AN Clamp

Aluminum Adapter Fittings

Known for their rapid response to the specialized needs of racers, XRP, Inc. has formed a close working relationship with many professional and amateur teams in all forms of motorsports. XRP's quality fittings are the result of this relationship.

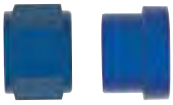
Blue	Black	AN Size
Male Flare Union		
XRP981503	—	-3
XRP981504	XRP981504BB	-4
XRP981506	XRP981506BB	-6
XRP981508	XRP981508BB	-8
—	XRP981510BB	-10
XRP981512	XRP981512BB	-12
XRP981520	—	-20

Part No.	AN Size	Thread Size
Bulkhead Nut		
XRP992403	-3	3/8"-24
XRP992404	-4	7/16"-20
XRP992406	-6	9/16"-18
XRP992408	-8	3/4"-16
XRP992410	-10	7/8"-14
XRP992412	-12	1-1/16"-12

Part No.		AN Size
Flare Reducer		
XRP991902	-4	-3
XRP991906	-6	-4
XRP991912	-8	-6
XRP991914	-10	-6
XRP991915	-10	-8
XRP991926	-20	-16

Part No.	AN Size
Flare Bulkhead	
XRP983206	-6
XRP983208	-8
XRP983210	-10
90° Flare Bulkhead	
XRP983303	-3
XRP983308	-8
XRP983310	-10

Tube Nut	Tube Sleeve	AN Size
Tube Nuts and Tube Sleeve		
XRP981803-6	XRP981903-6	-3 (6-Pk.)
XRP981806-2	XRP981906-2	-6 (2-Pk.)



Blue	Black	AN Size
37° Flare Cap Female		
XRP992903	XRP992903BB	-3
XRP992904	XRP992904BB	-4
XRP992906	XRP992906BB	-6
XRP992908	XRP992908BB	-8
XRP992910	XRP992910BB	-10
XRP992912	XRP992912BB	-12
XRP992916	—	-16

Part No.	AN Size
90° Flare Union	
XRP982106	-6
XRP982108	-8
Flared Tee	
XRP982403	-3
XRP982404	-4
XRP982406	-6
XRP982408	-8

Part No.	AN Size	AN Size
Female to Male Flare Seal Expanders		
XRP995104*	-3	-4
XRP995106	-4	-6
XRP995108	-6	-8
XRP995110	-8	-10
XRP995112	-10	-12
XRP995116	-12	-16
Female to Male Flare Seal Reducers		
XRP995004*	-4	-3
XRP995006	-6	-4
XRP995008	-8	-6
XRP995010	-10	-6
XRP995011	-10	-8
XRP995012	-12	-8
XRP995013	-12	-10
XRP995016	-16	-10
XRP995017	-16	-12
XRP995020	-20	-16

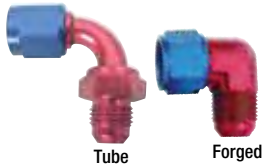
Notes: Female side seals internally on flare nose of mating male fitting - no O-ring necessary.
**** Steel.***

Part No.	Pipe Size	AN Size
Male Branch Tee		
XRP982504	1/8"	-4
XRP982508	3/8"	-8
XRP982510	1/2"	-10
Male Run Tee		
XRP982603	1/8"	-3
XRP982606	1/4"	-6
XRP982612	3/4"	-12

Aluminum Adapter Fittings

Part No.	AN Size
Straight Female Flare Swivel	
XRP900104	-4
XRP900106	-6
XRP900108	-8
XRP900110	-10
XRP900112	-12
XRP900116	-16
45° Female Swivel Coupling	
XRP924506	-6
XRP924508	-8
XRP924512	-12
90° Female Swivel Coupling	
XRP929006	-6
XRP929008	-8
XRP929010	-10
XRP929012	-12
Tee Male Flare to Female Swivel on Side	
XRP900204	-4
XRP900206	-6
XRP900208	-8
Tee Female Swivel on Run	
XRP900303	-3
XRP900304	-4
XRP900306	-6
XRP900308	-8
XRP900310	-10
XRP900312	-12
45° Female Swivel to Male Flare	
XRP920406	-6
XRP920408	-8
XRP920410	-10
XRP920412	-12
XRP920416	-16

Tube	Forged	AN Size
90° Female Swivel to Male Flare		
XRP920504	XRP900504	-4
XRP920506	XRP900506	-6
XRP920508	XRP900508	-8
XRP920510	XRP900510	-10
XRP920512	XRP900512	-12
XRP920516	XRP900516	-16


Tube Forged

Male Flare to O-Ring Boss

Straight	45°	90°	Male Sz.	Port Sz.
(High-Flow Contour ORB)				
XRP980048	—	—	-4	-8
XRP980006	XRP984506	XRP989006	-6	-6
XRP980068	—	XRP989068	-6	-8
XRP980086	—	XRP989086	-8	-6
XRP980008	XRP984508	XRP989008	-8	-8
XRP980081	XRP984581	XRP989081	-8	-10
XRP980009	XRP984509	XRP989009	-10	-8
XRP980010	XRP984510	XRP989010	-10	-10
XRP980011	XRP984511	XRP989011	-10	-12
XRP980013	XRP984513	XRP989013	-12	-10
XRP980012	XRP984512	XRP989012	-12	-12
XRP980014	XRP984514	XRP989014	-16	-12
XRP980016	XRP984516	XRP989016	-16	-16

Female AN Flare to Male O-Ring Boss

Part No.	Female AN Flare	Male ORB
XRP970006	-6	-6
XRP970008	-8	-8
XRP970010	-10	-10

Ultra-Low-Profile O-Ring Boss

Part No.	Male AN Flare	Male ORB
XRP989110	-10	-10

Aluminum Adapter Fittings

Part No.	AN Size
Flare Plug	
XRP980604	-4
XRP980606	-6
XRP980608	-8
XRP980610	-10
XRP980612	-12
Straight Thread Port Plug (O-Ring, Crush Washer, or Stat-O-Seal Not Included)	
XRP981406	-6
XRP981408	-8
XRP981410	-10
XRP981412	-12
XRP981416	-16
Internal Hex Port Plug with Viton O-Ring	
XRPIHP003	-3
XRPIHP004	-4
XRPIHP006	-6
XRPIHP008	-8
XRPIHP010	-10
XRPIHP012	-12
XRPIHP016	-16
XRPIHP020	-20

AN Flare to Pipe Adapter

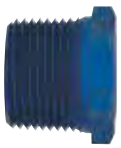
Flare Size	Pipe Size	Straight Flare To Pipe Blue	Straight Flare To Pipe Black	45° Elbow Flare to Pipe Blue	90° Elbow Flare to Pipe Blue
-3	1/8"	XRP981603	XRP981603BB	XRP982303	XRP982203
-3	1/4"	XRP981634	—	—	—
-4	1/8"	XRP981604	XRP981604BB	XRP982304	XRP982204
-4	1/4"	XRP981644	XRP981644BB	—	XRP982244
-4	3/8"	XRP981646	—	—	XRP982246
-6	1/8"	XRP981662	XRP981662BB	—	XRP982262
-6	1/4"	XRP981606	XRP981606BB	XRP982306	XRP982206
-6	3/8"	XRP981666	XRP981666BB	XRP982366	XRP982266
-6	1/2"	XRP981668	XRP981668BB	—	XRP982268
-8	1/4"	XRP981607	XRP981607BB	—	XRP982207
-8	3/8"	XRP981608	XRP981608BB	XRP982308	XRP982208
-8	1/2"	XRP981688	XRP981688BB	XRP982388	XRP982288
-8	3/4"	XRP981609	—	—	—
-10	3/8"	XRP981611	XRP981611BB	XRP982311	XRP982211
-10	1/2"	XRP981610	XRP981610BB	XRP982310	XRP982210
-10	3/4"	XRP981613	XRP981613BB	—	XRP982213
-12	1/2"	XRP981614	XRP981614BB	XRP982314	XRP982214
-12	3/4"	XRP981612	XRP981612BB	—	—
-20	1"	XRP981621	—	—	—

Part No.	AN Size	NPT Size
Straight Female Flare to Pipe		
XRP900641*	-4	1/8"
XRP900604	-4	1/8"
XRP900606	-6	1/4"
XRP900666	-6	3/8"
XRP900608	-8	3/8"
XRP900688	-8	1/2"
XRP900611	-10	3/8"

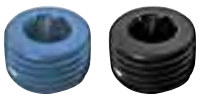
**** Steel***

Aluminum Adapter Fittings

Part No.	Male to Female	
Pipe Bushing Reducer		
XRP991201	1/4"	1/8"
XRP991202	3/8"	1/4"
XRP991203	3/8"	1/8"
XRP991204	1/2"	3/8"
XRP991206	1/2"	1/8"
XRP991207	3/4"	1/2"



Blue Part No.	Black Part No.	Size
Allen Socket Plug		
XRP993201	—	1/16" (2-Pk.)
XRP993202	XRP993202BB	1/8" (2-Pk.)
XRP993203	XRP993203BB	1/4" (2-Pk.)
XRP993204	XRP993204BB	3/8" (2-Pk.)
XRP993205	XRP993205BB	1/2"
XRP993206	—	3/4"
XRP993207	—	1"



Part No	Pipe Size
Female Pipe Tee	
XRP991701	1/8"
XRP991702	1/4"
XRP991704	1/2"
Female Pipe Union	
XRP991001	1/8"
XRP991002	1/4"
XRP991004	1/2"
Male Pipe Nipple	
XRP991101	1/8"
XRP991102	1/4"
XRP991103	3/8"
XRP991104	1/2"

71 Series In-Line All-Fluid Filters

Suitable for use as fuel or oil filters, lightweight aluminum 71 series in-line filters feature a modular design, allowing them to be used with a variety of end fittings and elements. Pleated stainless steel elements must be ordered separately. Choose from standard or short filters.

Part No.	Description
Standard Length Filters and Elements	
XRP7112AN	-12AN In-Line Filter, 2.47" Dia. x 9.6" Long
XRP713045HP	45-Micron Element
XRP713060HP	60-Micron Element
Short Filters and Elements	
XRP7110SAN	-10AN In-Line Filter, 2.47" Dia. x 6.4" Long
XRP7112SAN	-12AN In-Line Filter, 2.47" Dia. x 6.6" Long
XRP713045SHP	45-Micron Element

Reusable Steel Hose Ends for Brake, Clutch, or Instrument Lines

Maximum high-pressure hose ends are engineered for XRP PTFE hose and may be used for brake, clutch, and instrument lines.

AN Size	Straight	45° Tube	90° Tube
-3	XRP600003	XRP604503	XRP609003
-4	XRP600004	—	XRP609004

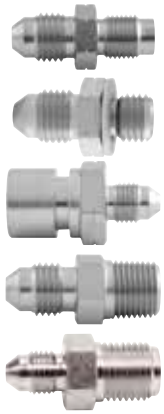
Assembled Stainless Steel Braided PTFE Hose with Fittings

Ready-to-install lines have crimped and swaged ends for use in brake, clutch, or instrument systems. Choice of straight fittings on both ends, or straight on one end and 90° on the other, in a variety of lengths.

Length	Straight to Straight -3AN	Straight to Straight -4AN	90° to Straight -3AN
9"	XRP630009	—	—
12"	—	—	XRP639012
24"	XRP630024	—	XRP639024
50"	—	XRP640050	XRP639050
72"	—	XRP640072	—

Steel Brake Line Adapters

Part No.	Description
Male Flare Seal Adapters	
XRP402703	3/8"-24 Inverted Flare to -3AN
XRP402903	7/16"-20 Inverted Flare to -3AN
XRP420104	M10 x 1.0 Inverted Flare to -4AN
Crush Washer Seal Adapters - One Pair	
XRP425033	M10 x 1.5 to -3AN
Female to Male Bulkhead Adapter	
XRP410103	M10 x 1.0 Inverted Flare to -3AN
XRP410104	M10 x 1.0 Inverted Flare to -4AN
Flare to 1/8" Pipe	
XRP481603	Short 1/8" NPT to -3AN
XRP481674	Long 1/8" NPT to -4AN
Adapters for Mopar Master Cylinder	
XRP490803	1/2"-20 to -3AN
XRP490903	9/16"-20 to -3AN



Weld Bungs

AN Size	Female Weld Bung ORB	Male Weld Bung
-4	—	XRP997104
-6	XRP987106	—
-8	XRP987108	XRP997108
-10	XRP987110	XRP997110
-12	XRP987112	XRP997112
-16	XRP987116	XRP997116
-20	XRP987120	XRP997120

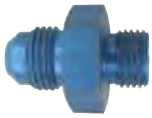
Pipe Size	Female Pipe Weld Bung
1/8"	XRP996701
1/4"	XRP996702
3/8"	XRP996703
1/2"	XRP996704
3/4"	XRP996706

Holley Carburetor Fittings

Part No.	Carb Thread	AN Size
XRP700006	9/16"-24 Holley / Demon	-6
XRP700106	7/8"-20 Dual Feed Holley	-6
XRP700108	7/8"-20 Dual Feed Holley	-8
XRP700118	7/8"-20 Holley	-8 Extra Short
XRP700128	7/8"-20 Holley	-8 Short

Note: All carb fittings include crush washer.

Aluminum Fuel Pump Fittings



Part No.	Pump Thread	Size
XRP702006	1/2"-20 Inv. Flare	-6
XRP702106*	5/8"-18 Inv. Flare	-6
XRP702108*	5/8"-18 Inv. Flare	-8
XRP981608	3/8" NPT	-8
XRP981611	3/8" NPT	-10
XRP981666	3/8" NPT	-6

**** May also be used with crush washer on Carter Super Pumps M60968 and M60969.***

Female Swivel Extended Dual-Feed Holley

Part No.	Carb Thread	AN Size
XRP720006	7/8"-20	-6
XRP720008	7/8"-20	-8
XRP720118*	3/4"-16	-8

Note: Crush washers are included with all carb kits and fittings.

**** Fits Braswell and Quick Fuel Technology carburetors.***

Fuel Pressure Take-Off Adapters

XRP700192 XRP700193 XRP700199

Part No.	Description
XRP700192	-6 Male to -6 Male
XRP700193	-6 Male to 1/4" Male NPT
XRP700194	-6 Male to 3/8" Male NPT
XRP700195	-6 Male to -6 Female Swivel
XRP700196	-8 Male to -8 Male
XRP700198	-8 Male to 3/8" Male NPT
XRP700199	-8 Male to -8 Female Swivel
XRP700201	-10 Male to -10 Male
XRP700202	-10 Male to -10 Female Swivel

Note: All adapters have 1/8" NPT port.

1-1/2" Dia. Liquid Filled Pressure Gauge *XRP710000*

Gauge has a 1/8" male NPT with a range of 0-15 PSI.

Gauge Adapters

XRP705090

Part No.	Description
XRP705003	Steel Straight -3 Male to 1/8" NPT Female
XRP705004	Steel Straight -4 Male to 1/8" NPT Female
XRP705090	Steel 90° Steel -4 Male to 1/8" NPT Female
XRP705093	Steel 90° Steel -3 Male to 1/8" NPT Female
XRP795003	Aluminum Straight -3 Male to 1/8" NPT Female
XRP795004	Aluminum Straight -4 Male to 1/8" NPT Female

Stainless Steel Braided CPE Race Hose

Stainless steel outer braid delivers durability, heat-resistance, and great looks. The elastomer chlorinated polyethylene (CPE) inner tube is compatible with a wide range of liquids.

AN Size	I.D.	O.D.	3 Feet	6 Feet	10 Feet	15 Feet	20 Feet
-6	.344"	.547"	XRP300306	XRP300606	XRP301006	XRP301506	XRP302006
-8	.438"	.641"	XRP300308	XRP300608	XRP301008	XRP301508	XRP302008
-10	.562"	.797"	XRP300310	XRP300610	XRP301010	XRP301510	XRP302010
-12	.688"	.928"	XRP300312	—	XRP301012	—	XRP302012

Holley Dual-Feed Fuel Line Kits

Kits use quality XRP stainless steel braided hose with lightweight aluminum fittings. A 1/8" NPT port for a fuel pressure gauge is included.

Part No.	Description
XRP731006	-6 Inlet, Dual-Feed Competition-Style Fuel Line Kit
XRP731008	-8 Inlet, Dual-Feed Competition-Style Fuel Line Kit

Fyre Foil II Sleeve Products

Lightweight fiberglass sleeving is laminated to an aluminized Mylar surface to provide radiant heat protection to 800°F. Resists abrasions and brake fluid. Fyre Foil II is not expandable and should be slipped over the hose before assembly.

Size	I.D.	3 Ft.	6 Ft.	10 Ft.	20 Ft.
-6	5/8"	—	—	XRP320506-10	—
-8	3/4"	XRP320508-3	XRP320508-6	XRP320508-10	XRP320508-20
-10	7/8"	—	—	XRP320510-10	XRP320510-20
-12	1"	XRP320512-3	—	XRP320512-10	—
-16	1-1/4"	—	—	XRP320516-10	—

Xtreme RACING PRODUCTS

ProMag Timer *XTRPROMAGTIMER*

For Sprint Cars with ProMag ignitions, it was impossible to set the timing without running the engine, until now. The ProMag uses an inductive pickup ignition—something traditional buzz boxes can't sense. The ProMag Timer is a 100% solid-state, computer-controlled tool with a bright LED light and buzzer to tell you where to set your distributor for perfect timing.

Xtreme Fuel Stick *XTRDIPSTICK*

Save weight and put an end to running out of fuel. Xtreme Fuel Stick tracks the fuel used in heat and feature races, informing race teams how much fuel is truly needed for each race. Hand-held, 9-volt battery powered unit can measure fuel depth up to 30" and display up to 99.9 gallons on the easy-to-read, bright red digital display. Sophisticated device may be trained to the shape of any two different fuel cells. Sold complete with battery and instructions.

Digital Tachometer *XTR1000*

Lightweight, 9-volt battery powered digital tachometer reads and stores data from the last four laps, capturing the eight highest RPM readings, and eight lowest RPM readings, then removes the highest and lowest RPM readings from each group and calculates the average high RPM and the average low RPM. This gives a true snapshot of the car's performance. Bright red digital display is easy to read, day or night. The Xtreme Accu-Tach will work on 4-, 6-, and 8-cylinder engines using an MSD or magneto, up to 15,000 RPM. Factory pre-set for 8-cylinder operation. With a push of the display button after the last race, the Xtreme Accu-Tach will display four numbers;

(1) The highest RPM the engine turned in the last race
(2) The low average RPM turned in the last race
(3) The high average RPM turned in the last race
(4) The seconds the engine took to rev from low average to high average

YellaTerra

Platinum Twin-Shaft Rocker Arms

Intake and exhaust rockers are joined in pairs on a shaft that is 22% larger and engineered for extreme RPM. Maximum width bearings deliver greater rigidity, resistance to breakage, and superior load-carrying ability, eliminating the need for screw-in studs, guide plates, and stud girdles. Rocker arms bolt to existing 7/16" stud mountings with supplied bolts. Easy to service in the field. Sold in sets of 16.

Part No.	Engine	Cylinder Head	Ratio
SB Chevy			
YTRYT6008	265-400	OEM/Bowtie/AFR/Dart/World/Brownfield	1.55/1.55
YTRYT6009	265-400	OEM/Bowtie/AFR/Dart/World/Brownfield	1.6/1.6
YTRYT6341*	265-400	OEM/Bowtie/AFR/Dart/World/Brownfield	1.6/1.5

**** Rocker arms in this kit have an extra .070" pushrod offset on intake for repaired or wider ports.***

Replacement Rocker Arm Components

YTRYT5060

YTRYT5099

YTRYT5115

Part No.	Description
YTRYT5060	Caged Roller Bearing, All Rockers
YTRYT5099	Roller, Pin and Circlip Kit
YTRYT5115	Adjusting Screw and Nut, 24 mm
YTRYT5117	Adjusting Screw and Nut, 28.4 mm
YTRYT6088	Mounting Bolt, 7/16" x 2.000" Long
YTRYT6098	Mounting Bolt, 7/16" x 2.250" Long
YTRYT6263	Saddle, 7/16" x 28.6 mm Ht.

CJ Leary — Photo by: DenHamer Photos

Taylor Ferns — Photo by: DenHamer Photos

zamp

RZ-36

Offering comfort and superior driver protection, the RZ-36 uses a fiberglass composite shell that is fitted with a removable, washable liner, while chin, scalp, and exhaust vents provide ventilation. Meets Snell SA2020 specifications. Sold complete with clear 3mm shield, and tear-off posts. Offered in white, matte black, or gloss black in standard, Dirt, or Top Air models. Dirt model lacks front vents to keep dust and dirt out, and includes a removable/replaceable liner with chin curtain.

Size	White	Matte Black	Gloss Black
Small	ZAMH768001S	ZAMH76803FS	—
Medium	ZAMH768001M	ZAMH76803FM	—
Large	ZAMH768001L	ZAMH76803FL	—
X-Large	ZAMH768001XL	ZAMH76803FXL	—
XX-Large	ZAMH768001XXL	ZAMH76803FXXL	—
RZ-36 Dirt			
X-Small	—	—	ZAMH768D03XS
Small	—	—	ZAMH768D03S
Medium	—	—	ZAMH768D03M
Large	—	—	ZAMH768D03L
X-Large	—	—	ZAMH768D03XL
XX-Large	—	—	ZAMH768D03XXL
RZ-36 Top Air			
Medium	—	ZAMH76903FM	—
Large	—	ZAMH76903FL	—
X-Large	—	ZAMH76903FXL	—
XX-Large	—	ZAMH76903FXXL	—

RZ-56

Lightweight, full-face fiberglass composite helmet is fitted with a plush, fire-retardant interior and is pre-drilled for use with a head-and-neck restraint. Chin, scalp, and exhaust vents provide ventilation. Helmet meets Snell SA2020 specifications and is sold with Z-20 clear, 3mm shield and tear-off posts. Offered in gloss white or gloss black, in standard or air models.

Size	Gloss White	Gloss Black
X-Small	ZAMH770001XS	—
Small	ZAMH770001S	ZAMH770003S
Medium	ZAMH770001M	ZAMH770003M
Large	ZAMH770001L	ZAMH770003L
X-Large	ZAMH770001XL	ZAMH770003XL
XX-Large	ZAMH770001XXL	—
XXX-Large	ZAMH770001XXX	—

RZ-59

Lightweight fiberglass composite full-face helmet incorporates a plush, fire-retardant interior and is pre-drilled for use with a head-and-neck restraint. Chin, scalp, and exhaust vents provide ventilation. Helmet meets Snell SA2020 specifications and is sold with Z-20 clear, 3mm shield, and tear-off posts. Offered in matte black or matte gray.

Size	Matte Black	Matte Gray NEW!
Small	ZAMH77203FS	—
Medium	ZAMH77203FM	ZAMH77215FM
Large	ZAMH77203FL	ZAMH77215FL
X-Large	ZAMH77203FXL	ZAMH77215FXL
XX-Large	ZAMH77203FXXL	—

RZ-60

ZAMH766003L **NEW!**

The RZ-60 features a classic design with a lightweight Aramid mix shell and plush, fire-retardant interior. Includes clear 3mm shield. Meets Snell SA2020 standards. Gloss black, large size only.

RZ-56

Lightweight, full-face fiberglass composite helmet is fitted with a plush, fire-retardant interior and is pre-drilled for use with a head and neck restraint. Chin, scalp, and exhaust vents provide ventilation. Helmet meets Snell SA2020 specifications and is sold with Z-20 clear, 3mm shield and tear-off posts. Offered in gloss white or gloss black, in standard or air models.

Size	Gloss White	Gloss Black
RZ-56		
X-Small	ZAMH770001XS	—
Small	ZAMH770001S	ZAMH770003S
Medium	ZAMH770001M	ZAMH770003M
Large	ZAMH770001L	ZAMH770003L
X-Large	ZAMH770001XL	ZAMH770003XL
XX-Large	ZAMH770001XXL	—
XXX-Large	ZAMH770001XXX	—
RZ-56 Air		
Medium	ZAMH771001M	—
Large	ZAMH771001L	—
X-Large	ZAMH771001XL	—
XX-Large	ZAMH771001XXL	—
XXX-Large	ZAMH771001XXX	—

RZ-59

Full-face, lightweight fiberglass composite helmet incorporates a plush, fire-retardant interior and is pre-drilled for use with a head and neck restraint. Chin, scalp, and exhaust vents provide ventilation. Helmet meets Snell SA2020 specifications and is sold with Z-20 clear, 3mm shield, and tear-off posts. Offered in matte black only.

Size	Part No.
Small	ZAMH77203FS
Medium	ZAMH77203FM
Large	ZAMH77203FL
X-Large	ZAMH77203FXL
XX-Large	ZAMH77203FXXL

RZ-70E Switch NEW!

Versatile full-face helmet allows the easy addition of communication or hydration when desired while the dual-density, air integration relief system allows cool air to enter the helmet and warm air to exit. Meets Snell SA2020 and FIA 8859-2015 specifications. White only.

Size	Part No.
Medium	ZAMH760001M
Large	ZAMH760001L

zamp

RZ-62

The RZ-62 features a modern aerodynamic shell that is constructed from a super lightweight Aramid material. The Tri-Tech Air System allows using natural air or air plugs in three adjustable inlets. Helmet is fitted with EPS chin bar foam and a plush, fire-retardant interior that is removable and washable. Meets Snell SA2020 specifications. Sold complete with Z-20 series, clear 3mm shield, and tear-off posts. Available in white or flat black.

Size	White	Flat Black
Small	ZAMH764001S	ZAMH76403FS
Medium	ZAMH764001M	ZAMH76403FM
Large	ZAMH764001L	ZAMH76403FL
X-Large	ZAMH764001XL	ZAMH76403FXL

RZ-62 Graphic NEW!

Helmet combines an Aramid mix shell with a plush, fire-retardant interior that features removable/washable cheek pads and crown liner. TRI-Tech air system allows utilizing natural air, forced air, or air plugs. Meets Snell SA2020 specifications. Includes 3mm clear shield.

Size	Part No.
Red/Orange Graphic	
Medium	ZAMH764C35M
Large	ZAMH764C35L
Blue/Green Graphic	
Medium	ZAMH764C36M
Large	ZAMH764C36L

RZ-65D

Designed to meet the needs of dirt track racers, the RZ-65D combines a carbon mix shell with an ultra-plush, fire-retardant comfort interior. Helmet meets Snell SA2020 specifications, and additionally includes a breath deflector, chin curtain, and top air system that allows using natural air, forced air, or air plugs. Compatible with head and neck restraints. Sold complete with Z-20 3mm clear shield and tear-off posts. Offered in black/gray or natural carbon fiber finish.

Size	Part No.
Black/Gray	
Small	ZAMH775C15S
Medium	ZAMH775C15M
Large	ZAMH775C15L
X-Large	ZAMH775C15XL
XX-Large	ZAMH775C15XXL
Carbon	
X-Small	ZAMH775CA3XS
Small	ZAMH775CA3S
Medium	ZAMH775CA3M
Large	ZAMH775CA3L
X-Large	ZAMH775CA3XL
XX-Large	ZAMH775CA3XXL
XXX-Large	ZAMH775CA3XXXL
Fluorescent Blue/Gray Graphic - NEW!	
Large	ZAMH775C04L
Fluorescent Orange/Yellow Graphic - NEW!	
Large	ZAMH775C30L

RZ-64C

Top-of-the-line RZ-64C helmet boasts an advanced aerodynamic shell manufactured from a super-lightweight carbon mix. Chin bar aero lips, an adjustable rear top spoiler, and front top chin bar prevent helmet lift. Tri-Tech Air System allows using natural air or air plugs in three adjustable inlets. Helmet is fitted with a plush, fire-retardant interior. Meets Snell SA2020 specifications. Sold complete with Z-20 series, clear 3mm shield, and tear-off posts. Natural carbon fiber finish.

Size	Part No.
Small (56 cm)	ZAMH763CB3S
Medium (58 cm)	ZAMH763CB3M
Large (60 cm)	ZAMH763CB3L
X-Large (62 cm)	ZAMH763CB3XL
XX-Large (64 cm)	ZAMH763CB3XXL

RZ-70E Switch Graphic NEW!

Identical to the traditional RZ-70E Switch but with eye-catching graphics. Sold complete with 3mm clear shield, helmet meets Snell SA2020 and FIA 8859-2015 specifications.

Size	Part No.
Blue/Light Blue Graphic	
Medium	ZAMH760C31M
Large	ZAMH760C31L
X-Large	ZAMH760C31XL
Green/Purple Graphic	
Medium	ZAMH760C39M
Large	ZAMH760C39L
X-Large	ZAMH760C39XL
Gray/Light Gray Graphic	
Large	ZAMH760C01L
Matte Red/Black Graphic	
Medium	ZAMH760C42M
Large	ZAMH760C42L
X-Large	ZAMH760C42XL
Matte Green/Black Graphic	
Medium	ZAMH760C49M
Large	ZAMH760C49L
X-Large	ZAMH760C49XL
Orange/Yellow Graphic	
Medium	ZAMH760C30M
X-Large	ZAMH760C30XL

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Replacement Helmet Shields

Description	Part No.
FSA-2/FSA-3 (Z-15)	
Clear	ZAMHASZ15CL
Dark Smoke	ZAMHASZ15DK
Blue Iridium	ZAMHASZ15BL
Silver Mirror	ZAMHASZ15SM
FS-8 (Z-19)	
Iridium	ZAMHASZ19IM
RZ-34/RZ-35/RZ-43 RZ-42/RZ-44/RZ-58 (Z-20)	
Clear	ZAMHASZ20CL
Amber	ZAMHASZ20AM
Smoke	ZAMHASZ20LT
Dark Smoke	ZAMHASZ20DK
Iridium	ZAMHASZ20IM
Silver Mirror	ZAMHASZ20SM
Blue Prizm	ZAMHASZ20BP
Gold Prizm	ZAMHASZ20GP
Red Prizm	ZAMHASZ20RP
RZ-44CE, RZ-70E Switch, RZ-70E Switch Graphic NEW!	
Gold Prizm Chrome	ZAMHASZF20GP
Red Prizm Chrome	ZAMHASZF20RP

Note: Clear anti-fog shield also available, ZAMHASZF20CLAF.

ZOptics Sealed Tear-Off System NEW!

Designed to offer high visibility, low reflection, and eliminate fog, each package includes three laminated sets of eight tear-offs for a total of 24 tear-offs.

Part No.	Application	Post Center
Straight/Notched		
ZAMP204Z	Simpson RZ/Super Bandit/ Diamondback/Raider	11-1/2"
Curved		
ZAMP205Z	Bell GTX/BR1/M4/K1/Sport; Racequip Pro15	12-3/8"
ZAMP206Z	Bell Dominator/GTX3/GP3/GT.5	11-1/2"
ZAMP208Z	Bell 287 Shields; G-Force Revo/Rift/Rookie	12-3/4"
ZAMP209Z	Impact SS/Spider/Wizard; Simpson Shark, Vudo	12-3/4"
ZAMP210Z	Impact Phenom; Simpson Venator; Sparco WTX/RF	13"

Tear-Off Posts

ZAMTEARPOST-R1 NEW!

Includes one pair of tear-off posts and hardware.

Helmet Bag Fan NEW!

Innovative helmet bag has a built-in, USB-powered fan to remove perspiration and prevent the growth of bacteria. Fan may also be purchased separately.

Part No.	Description
Black	
ZAMHB004003	Helmet Bag with Fan
ZAMHBAFAN	Helmet Bag Fan Only

Helmet Bag

ZAMHB002003

Easy-to-carry, dual-handled helmet bag is emblazoned with the Zamp logo and features a soft, plush interior. Large enough to store helmet and accessories.

Replacement/Accessory Helmet Components

Part No.	Size
ZAMEYE1	Eyeport Tape Foam
ZAMHACOM003	3.5mm Plug and Speakers, for 1- or 2-Way Communication to Helmet
ZAMHALBB20	Breath Deflector
ZAMHALCC20	Fabric Breath/Chin Curtain
ZAMHTA22001	Top Air Inlet, Low-Profile, White
ZAMHTA22ADP	Low-Profile Hose Adapter, Black
ZAMHTP22003V	Vent Plug, RZ, Black
ZAMHTA25003	One-Way Radio Mount, RZ-70E / RL-70E Helmets, Gloss Black
ZAMHARZ151	Shield Pivot Kit, Z-15/FSA-2
ZAMHARZ201	Shield Pivot Kit, Z-20/RZ-34
ZAMHTA20001	Top Air Inlet, White, RZ
ZAMHTA2003F	Top Air Inlet, Matte Black, RZ
ZAMHTV200CL	Top Vent Scoop, RZ, Clear
ZAMHTA20003	Top Air Round Duct NEW!
ZAMKITEAR003COM	Ear Cups with Speakers, (2) 28mm Speakers, (2) Ear Cup Pouches, 3.5mm Stereo Plug
ZAMNZHC001A	Helmet Anchor Kit, Z-Tech Series 1A
ZAMRA001003	Helmet Skirt, Black
ZAMTEARPOST-R	Tear-Off Posts, Pair

Z-Tech Series 2A Head and Neck Restraint

ZAMNT002003

The Series 2A includes patent-pending features designed to provide extreme driver comfort. Super lightweight unit weighs just 900 grams, and includes an advanced axis adjustment that allows adjusting shoulder width, arm angle, and arm width, resulting in a truly custom fit regardless of body shape, size, or race seat. Compatible with 2" or 3" belts, unit combines a dual-compound, specialized fiberglass reinforced nylon shoulder frame, modified alloy arms, stainless hardware, and a Kevlar single point tether. Meets SFI 38.1 specifications. Sold complete with necessary helmet hardware.

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Z-Tech Series 3A Head and Neck Restraint

ZAMNT003003 **NEW!**

Among the most versatile head and neck restraints currently available, the Series 3A fits different body shapes and sizes, while including the ability to adjust to different race seats. Comfortable and lightweight, fiberglass reinforced nylon restraint weighs just 750 grams. Single-point tether connects helmet to restraint, allowing side-to-side motion. Meets SFI 38.1 specifications.

Z-Tech Series 6A Head and Neck Restraint

ZAMNT006003

Head and neck restraint combines superior driver protection with exceptional driver comfort. Weighing just 925 grams, the Series 6A utilizes an advanced axis adjustment that allows adjusting shoulder width, arm angle, and arm width for a truly custom fit, regardless of body or race seat type. Unit is compatible with 2" or 3" belts, and is manufactured using a dual-compound specialized fiberglass reinforced nylon frame with modified alloy arms, stainless hardware, and a Kevlar single-point tether. Meets SFI 38.1 specifications. Sold complete with necessary helmet hardware.

Neck Collars

Offered in black or gray, adult or youth sizing. Neck collars meet SFI 3.3 specifications.

Part No.	Color
Adult Neck Collars	
ZAMNC002003A	Black
ZAMNC002015A	Gray
Youth Neck Collars	
ZAMNC002003Y	Black
ZAMNC002015Y	Gray

5- & 6-Point Latch & Link Racing Harnesses

Racing harnesses combine tough polyester belts with latch lock system and durable steel hardware. Meets SFI 16.1. Black only.

Part No.	Description
ZAMHARN01S003	3"/2" 5-Point Racing Harness, Pull-Down Adjust, Bolt-In
ZAMHARN02S003	2" 6-Point Racing Harness, Pull-Down Adjust, Bolt-In

Racing Harness Accessories

ZAMHARNZTR18003

ZAMHARNZTR20003

ZAMHARNZTR23003

Part No.	Description
Black	
ZAMHARNZTR18003	2" Slide Bar
ZAMHARNZTR20003	3" Slide Bar
ZAMHARNZTR23003	2" Bolt End

ZR-50 Multi-Layer 3.2A/5 Racing Suit

Ultra-lightweight and affordable, the ZR-50 is equally stylish and comfortable. One-piece, three-layer suit is made from soft, Aramid material with built-in Ultra-Stretch panels along ribcage, lower back, crotch, and shoulders. The boot-cut design offers added ankle protection, while an adjustable belt helps provide a custom fit. Meets SFI 3.2A/5 specifications. Offered in red, black, or blue.

Size	Part No.
Black	
Medium	ZAMR040003M
Large	ZAMR040003L
XXX-Large	ZAMR0400033XL
XXXX-Large	ZAMR0400034XL

ZR-10 Single-Layer 3.2A/1 Racing Suit

High-quality, affordable racing suit is manufactured from a single layer of 100% fire-resistant cotton. Lightweight, comfortable, and stylish, suit includes box-quilt stitching, aramid cuffs on ankles and wrists, pockets on each leg, and an adjustable belt. Meets SFI 3.2A/1 specifications. Black only.

Size	Part No.
Adult	
Small	ZAMR010003S
Medium	ZAMR010003M
Large	ZAMR010003L
X-Large	ZAMR010003XL
XX-Large	ZAMR010003XXL
XXX-Large	ZAMR010003XXXL
Youth - NEW!	
Youth Small	ZAMR010003YS
Youth Medium	ZAMR010003YM
Youth Large	ZAMR010003YL
Youth X-Large	ZAMR010003YXL

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ZR-30 Racing Suit NEW!

High-quality, multi-layer driving suit is lightweight, comfortable, and stylish while remaining affordable. Suit combines a 100% FR cotton outer with a 100% Aramid center and a 100% FR cotton inner, box-quilt stitching, shoulder flex panels, adjustable belt, leg pockets, and Aramid ankle and wrist cuffs. Meets SFI 3.2A/5 specifications. Offered in black or gray.

Size	Part No.
Black	
Small	ZAMR030033S
Medium	ZAMR030033M
Large	ZAMR030033L
X-Large	ZAMR030033XL
XX-Large	ZAMR030033XXL
XXX-Large	ZAMR030033XXXL
Gray	
Large	ZAMR030015L
X-Large	ZAMR030015XL

Underwear NEW!

Engineered to provide an added layer of protection, lightweight, breathable underwear and socks are constructed from a FR acrylic/cotton blend. Meet SFI 3.3 specifications. Black only.

Size	Part No.
Tops	
Small	ZAMRU001003S
Medium	ZAMRU001003M
Large	ZAMRU001003L
X-Large	ZAMRU001003XL
XX-Large	ZAMRU0010032XL
XXX-Large	ZAMRU0010033XL
Bottoms	
Small	ZAMRU002003S
Medium	ZAMRU002003M
Large	ZAMRU002003L
X-Large	ZAMRU002003XL
XX-Large	ZAMRU0020032XL
XXX-Large	ZAMRU0020033XL
Socks	
Small	ZAMRU003003S
Medium	ZAMRU003003M
Large	ZAMRU003003L
X-Large	ZAMRU003003XL

Balaclava *ZAMRA005003* NEW!

Ideal for karting, balaclava is not fire retardant. Black.

ZR-30 Shoes

Constructed from lightweight, durable suede, the ZR-30 shoe utilizes a thin rubber sole for the ultimate in pedal feel. Plush, fire-retardant NMX interior adds safety and comfort. Meets SFI 3.3/5 specifications. Offered in red, black, or blue. Sold in zippered shoe bag.

Size	Part No.
Black	
6	ZAMRS00100306
7	ZAMRS00100307
8	ZAMRS00100308
9	ZAMRS00100309
10	ZAMRS00100310
11	ZAMRS00100311
12	ZAMRS00100312
13	ZAMRS00100313
14	ZAMRS00100314
Blue	
8	ZAMRS00100408
9	ZAMRS00100409
10	ZAMRS00100410
11	ZAMRS00100411
12	ZAMRS00100412
Red	
10	ZAMRS00100210
11	ZAMRS00100211
12	ZAMRS00100212

ZR-60 Shoes NEW!

Eliminating troublesome laces, the ZR-60 is a premium, multi-layer construction shoe that uses Velcro closures for a comfortable, secure fit. Thin rubber sole provides the ultimate in pedal feel. Meets SFI 3.3/5 specifications. Black only.

Size	Part No.
Black	
7	ZAMRS00400307
8	ZAMRS00400308
9	ZAMRS00400309
10	ZAMRS00400310
11	ZAMRS00400311
12	ZAMRS00400312
13	ZAMRS00400313
14	ZAMRS00400314

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ZR-50 Shoes

Premium, high-quality ZR-50 shoes combine multi-layer construction, an elastic enclosure, and a thin rubber sole, resulting in the ultimate in pedal feel. Utilizing a high-performance leather outer shell with embroidered Zamp logos, shoes are super lightweight and include a plush, fire-retardant NMX interior. Meet SFI 3.3/5 specifications. Offered in black, red, blue, neon orange, neon green, or gray.

Size	Part No.
Black	
1	ZAMRS003C0101
2	ZAMRS003C0102
4	ZAMRS003C0104
5	ZAMRS003C0105
6	ZAMRS003C0106
7	ZAMRS003C0107
9	ZAMRS003C0109
10	ZAMRS003C0110
11	ZAMRS003C0111
12	ZAMRS003C0112
13	ZAMRS003C0113
14	ZAMRS003C0114
15	ZAMRS003C0115
16	ZAMRS003C0116
Red	
11	ZAMRS003C0211
12	ZAMRS003C0212
Blue	
10	ZAMRS003C0410
13	ZAMRS003C0413
Neon Orange	
9	ZAMRS003C0809
10	ZAMRS003C0810
11	ZAMRS003C0811
12	ZAMRS003C0812
13	ZAMRS003C0813
Neon Green	
10	ZAMRS003C0910
12	ZAMRS003C0912
Gray	
11	ZAMRS003C1511
13	ZAMRS003C1513

ZR-50 Gloves

Lightweight, two-layer ZR-50 gloves feature reverse-seam construction, elastic cuffs, and thin leather palms for exceptional comfort. Silicone pads in palm and fingers are combined with pre-curved fingers for improved steering wheel grip. Meets SFI 3.3/5 specifications. Offered in red, black, blue, or gray.

Size	Part No.
Red	
Medium	ZAMRG10002M
Large	ZAMRG10002L
X-Large	ZAMRG10002XL
Black	
X-Small	ZAMRG10003XS
Small	ZAMRG10003S
Medium	ZAMRG10003M
Large	ZAMRG10003L
X-Large	ZAMRG10003XL
XX-Large	ZAMRG100032XL
Blue	
Large	ZAMRG10004L
Gray	
Medium	ZAMRG10015M
Large	ZAMRG10015L
X-Large	ZAMRG10015XL
XX-Large	ZAMRG100152XL

ZR-60 Race Gloves NEW!

The perfect choice for racers, gloves utilize high-quality, reverse-seam double-layer construction, thin silicone palms, and elastic enclosures. Meets SFI 3.3A/5 specifications.

Size	Part No.
Black	
X-Small	ZAMRG20003XS
Small	ZAMRG20003S
Medium	ZAMRG20003M
Large	ZAMRG20003L
X-Large	ZAMRG20003XL
XX-Large	ZAMRG200032XL
XXX-Large	ZAMRG200033XL

ZMAX NEW VENDOR

Racing Oil

Fully synthetic lubricant, specifically engineered for extreme racing applications, incorporates a unique, high zinc additive package that provides unsurpassed engine protection. Oils additionally provide improved ring seal and reduced drag resulting in increased horsepower and torque. Sold in one-quart bottles, or in five-gallon pails. ***Note: Not for use in passenger vehicles.***

Description	1-qt. Bottle	5-Gallon Pail
0W-5	ZMA88-305	—
10W-30	ZMA88-330	ZMA88-930
20W-50	ZMA88-350	ZMA88-940

Break-In Oil

Engineered to aid engine break-in and promote ring seal, lubricant includes a specialized additive package with high levels of zinc for added engine protection. Oil provides unsurpassed protection to multi-platform racing engines. Sold in one-quart bottles, or in five-gallon pails.

Description	1-qt. Bottle	5-Gallon Pail
15W-50	ZMA88-300	ZMA88-950

Gear Oil

Fully synthetic, GL-5 gear lubricant delivers exceptional protection to differentials. Sold in one-quart bottles, one gallon jugs, or five gallon pails.

Description	1-qt. Bottle	1-Gallon Jug	5-Gallon Pail
75W-90	ZMA88-204	ZMA88-203	ZMA88-202

Shock Absorber Fluid

Shock absorber fluid is offered in synthetic 0W-3 and conventional 5W formulas.

Description	32-oz. Bottle	1-Gallon Jug	5-Gallon Pail
Synthetic 0W-3	ZMA88-210	—	ZMA88-208
Conventional 5W	—	ZMA88-918	ZMA88-917

Engine and Fuel Formula

Engine oil and fuel additives provide improved performance, engine life, and fuel mileage by dispersing carbon deposits. May be purchased as a package, or separately.

Part No.	Description
ZMA51-011	Engine and Fuel Formula, (1) 12-oz. Engine Oil Additive & (1) 12-oz. Fuel Additive
ZMA51-106	Fuel Formula, 6-oz. Bottle
ZMA51-112	Fuel Formula, 12-oz. Bottle
ZMA51-212	Engine Oil Formula, 12-oz. Bottle

Transmission Formula *ZMA51-306*

Specialized additive is added to the transmission following a flush to reduce varnish and gear wear, while improving shifting and restoring internal seals. Sold in a 6-oz. bottle. ***Note: Not for use in CVT transmissions.***

Multi-Use Formula *ZMA55-032*

Specialized, multi-use additive improves performance and fuel mileage while extending engine life. Single 32-oz. bottle includes a measuring strip on the side to indicate 12-oz. for fuel, 12-oz. for engine oil, 6-oz. for transmission, and 2-oz. for power steering. ***Note: Not for use in CVT transmissions.***

Appearance Products and Aerosols

ZMA60-112

ZMA88-424

ZMA88-501

ZMA88-502

Part No.	Description
ZMA60-112	Multi-Use Lubricant, 11.5-oz. Aerosol
ZMA88-424	Speed Wax, 24-oz. Pump Spray
ZMA88-501	All-Purpose Degreaser, 18-oz. Aerosol Can
ZMA88-502	Brake and Parts Cleaner, 15-oz. Aerosol Can
ZMA88-504	Silicone Spray, 12-oz. Aerosol Can

Zybar Manifold and Exhaust Coating

A unique formulation adapted from the aerospace industry, Zybar offers over 90% radiant heat protection to manifolds, headers, and exhaust components, outperforming tapes, wraps, shields, and ceramic-based paints. Thermal coating helps provide increased horsepower and will not chip or crack, while offering resistance to rust and corrosion. Designed for the do-it-yourselfer, product may be applied by spraying, dipping, or wiping a single application of just .001", which then must be air or oven cured. Offered in bronze satin, midnight black, or cast finish.

Description	4-oz. Can	8-oz. Can	16-oz. Can
Zybar Bronze Satin Thermal Coating	ZYC10004	ZYC10008	ZYC10016
Midnight Black Thermal Coating	ZYC11004	ZYC11008	—
Cast Finish Thermal Coating	ZYC13004	—	—

Aerosol ZyCor Primer and Color Coats

Highly effective thermal coatings for headers, manifolds, and exhaust components. These premium coatings provide durable and effective corrosion protection that outperform tapes, wraps, and other spray coating products. Formulated to be a do-it-yourself product, the primer and top coatings must be used in a two-step process. ZyCor primer must be applied first before applying any of the ZyCor color coat products. Each 13-oz. aerosol can of product will cover a 25 sq. ft. surface and dry in approximately 8 hours, or oven cure at 350°F for 30 minutes. 13-oz. aerosol can. Sold each.

Part No.	Description
ZYC19013	Bitchin' Black Top Coat
ZYC50000*	Gray Primer

**** ZyCor primer must be applied first before applying any of the ZyCor color coat products.***

QUARTER MIDGET PARTS AND ACCESSORIES

DRIVETRAIN

Honda Throttle Linkage Kit
TAN75010

Honda Exhaust Clamp
TAN75021

Mychron Brackets

Part No.	Description
TAN75023	5/8"
TAN75024	3/4"

Spark Plugs USAC Legal

Part No.	Description
AUT3924	Autolite Spark Plug for Animal
AUTAR3910X	Autolite Spark Plug for Honda
CHPRC12YC	Champion Spark Plug for Animal
NGKBKR5E	NGK Spark Plug for Animal

Engine Vent Tank *JOE12318*

3/16" Nylon Brake Line
Works well as a throttle cable sleeve.

Part No.	Description
ALL48026	10 Ft. Nylon Brake Line 3/16"
ALL48032	1/8" NPT Straight Fitting Used to Connect Line to Chassis Tab

Quarter Midget/Go-Kart Engine Shipping Container
SCR5175

Quarter Midget Engine and Axle Sprockets

Tanner engine and axle sprockets are CNC-machined from heat-treated aluminum and utilize a special tooth design for easy pick and release. Lightweight sprockets fit all popular hubs.

Part No.	Description
Engine Sprockets	
TAN75233	33 Tooth
TAN75234	34 Tooth
TAN75235	35 Tooth
TAN75236	36 Tooth
Axle Sprockets	
TAN75326	26 Tooth
TAN75327	27 Tooth
TAN75328	28 Tooth
TAN75329	29 Tooth
TAN75330	30 Tooth
TAN75331	31 Tooth
TAN75332	32 Tooth
TAN75333	33 Tooth

TAN75233

TAN75326

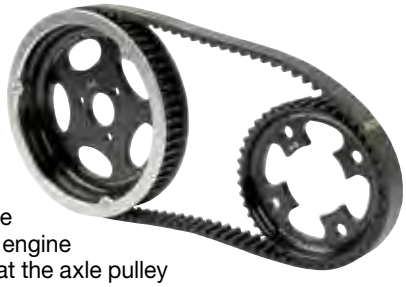
Honda Gear Ratio Chart

Axle Sprockets \ Engine Sprockets	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
23	5.31	5.11	4.93	4.76	4.60	4.45	4.31	4.18	4.06	4.94	3.83	3.73	3.63	3.54	3.45
24	5.54	5.33	5.14	4.97	4.80	4.65	4.50	4.36	4.24	4.11	4.00	3.89	3.79	3.69	3.60
25	5.77	5.56	5.36	5.17	5.00	4.84	4.69	4.55	4.41	4.29	4.17	4.05	3.95	3.85	3.75
26	6.00	5.78	5.57	5.38	5.20	5.03	4.88	4.73	4.59	4.46	4.33	4.22	4.11	4.00	3.90
27	6.23	6.00	5.79	5.59	5.40	5.23	5.06	4.91	4.76	4.63	4.50	4.38	4.26	4.15	4.05
28	6.46	6.22	6.00	5.79	5.60	5.42	5.25	5.09	4.94	4.80	4.67	4.54	4.42	4.31	4.20
29	6.69	6.44	6.21	6.00	5.80	5.61	5.44	5.27	5.12	4.97	4.83	4.70	4.58	4.46	4.35
30	6.92	6.67	6.43	6.21	6.00	5.81	5.63	5.45	5.29	5.14	5.00	4.86	4.74	4.62	4.50
31	7.15	6.89	6.64	6.41	6.20	6.00	5.81	5.64	5.47	5.31	5.17	5.03	4.89	4.77	4.65
32	7.38	7.11	6.86	6.62	6.40	6.19	6.00	5.82	5.65	5.49	5.33	5.19	5.05	4.92	4.80
33	7.62	7.33	7.07	6.83	6.60	6.39	6.19	6.00	5.82	5.66	5.50	5.35	5.21	5.08	4.95
34	7.85	7.56	7.29	7.03	6.80	6.58	6.38	6.18	6.00	5.83	5.67	5.51	5.37	5.23	5.10
35	8.08	7.78	7.50	7.24	7.00	6.77	6.56	6.36	6.18	6.00	5.83	5.68	5.53	5.38	5.25

RPM Wanted ÷ RPM Ran x Gear Ratio

Example: 5480 ÷ 5220 x 4.97 = 5.22 ***RPM Wanted:*** 5480 Current Ratio in Car: 4.97 ***RPM Ran:*** 5220 ***New Gear Ratio Needed to Reach 5480:*** 5.22

Quarter Midget Belt-Drive Systems



Pulleys are machined from 6061 aluminum and have a black hard-coat finish. They are extremely lightweight and wear-resistant. There are 4 engine pulleys and 13 axle pulleys to choose from; see gearing chart for available ratios. Engine pulleys are designed to fit a standard 3-bolt engine hub and axle pulleys are designed to fit a standard 4-bolt axle drive hub. It is recommended that the axle pulley be bolted directly to the axle hub. Systems offer several advantages over common chain drives: Belt drives are lighter and can save up to 3 pounds of rotating weight. Belt drives are very reliable and forgiving. They are more apt to stay on under contact for fewer DNF. Systems are much cleaner and require almost zero maintenance compared to chain drives.

Part No.	Description
HTD Drive Belts	
JRP640-20HD	HTD Drive Belt, 20mm x 25.197"
JRP656-20HD	HTD Drive Belt, 20mm x 25.827"
JRP680-20HD	HTD Drive Belt, 20mm x 26.772"
JRP696-20HD	HTD Drive Belt, 20mm x 27.402"
JRP736-20HD	HTD Drive Belt, 20mm x 28.976"
JRP720-20HD	HTD Drive Belt, 20mm x 28.346"
JRP776-20HD	HTD Drive Belt, 20mm x 30.551"
JRP784-20HD	HTD Drive Belt, 20mm x 30.866"
JRP800-20HD	HTD Drive Belt, 20mm x 31.496"
JRP840-20HD	HTD Drive Belt, 20mm x 33.071"
JRP880-20HD	HTD Drive Belt, 20mm x 34.646"

Honda Gear Ratio Chart

Axle Pulley \ Engine Pulley	65	58	53	51
38	3.51	3.93	4.30	4.47
39	3.60	4.03	4.42	4.59
40	3.69	4.14	4.53	4.71
41	3.78	4.24	4.64	4.82
42	3.88	4.34	4.75	4.94
43	3.97	4.45	4.87	5.06
44	4.06	4.55	4.98	5.18
45	4.15	4.66	5.09	5.29
46	4.25	4.76	5.21	5.41
47	4.34	4.86	5.32	5.53
48	4.43	4.97	5.43	5.65
49	4.52	5.07	5.55	5.76
50	4.62	5.17	5.66	5.88

QUARTER MIDGET PARTS AND ACCESSORIES

ELECTRICAL

Components for Deco

Part No.	Description
MSD8207	Blaster 2 Coil for Deco
MSD8232	CPC Coil for Deco
BRBB106	Battery for Deco 5.8" Long x 3.4" Width x 4.1" Height

SUSPENSION & BODY

QuickTach LCD Recall Tachometers

QuickTach automatically displays the highest RPM attained from the last race for 15 minutes after shut down. Digital LCD unit is enclosed in a waterproof aluminum case and has an easy-to-read 3/4" x 2-3/4" backlit display. Powered by a 9-volt battery. Tach includes mounting brackets.

Part No.	Description
QRP611-099	White/Red with Checkered Flag
QRP611-100	Black

Ignition Switches

Part No.	Description
QRP50-410	Micro Single Pole Switch, Waterproof
QRP50-500	Standard Single Pole Switch
QRP50-520	HD Switch with Flip-Up Cover

Snap-In Rubber Valve Stems

ALL44139

Economical rubber valve stems pull through wheel for easy installation. Stem for .453" hole, 4-pack.

Shockwears for Quarter Midgets

OUT30-2345-01

Now available for Quarter Midgets, denier nylon Shockwears are tested and proven to protect vital shock components. Shockwears are water-resistant and include a Velcro strip for easy installation without shock removal. Offered in black only. Sold in a set of four.

Quarter Midget Tires

Hoosier's A35 utilizes a high-traction compound that works well on tracks that lack grip, such as colder, slick, or green track surfaces. The A35 will grip quickly with little heat and will be consistent throughout long green flag runs.

Part No.	Description
H0015031A35	31.0/4.5-5 A35, Left
H0015325A35	33.0/5.0-6 A35-NY1, RF
H0015650A35	34.5/6.5-6 A35-NY1, RR

Quarter Midget Springs

Tanner 5" tall Hot Springs are designed with an optimized stress level that creates a consistent and quicker recovery, allowing the tire to follow the back side of bumps and undulations and promoting quicker lap times.

Rate	Part No.
5"	
90	TAN752-90
110	TAN752-110
120	TAN752-120
125	TAN752-125

Quarter Midget Suspension Springs

4.25" free length x 1.68" I.D.

Rate	4.25"
80	HYP184.25Q080
87	HYP184.25Q087
94	HYP184.25Q094
100	HYP184.25Q100
108	HYP184.25Q108
116	HYP184.25Q116
124	HYP184.25Q124
132	HYP184.25Q132
140	HYP184.25Q140

11" Black Steering Wheel
JOE13505-B

Part No.	Description
Related Component	
TAN75070	Steering Wheel Disconnect

TAN75070

Steering Wheel Pad
JOE13651

Kart Front Hubs and Stud Kits
Billet 6061-T6 aluminum hubs feature sealed roller bearings for reduced friction and drag. Fits 5/8" spindle, drilled, and tapped 1/4"-28 with a 5/16"-18 on 2-1/2" bolt circle. Hubs are anodized black with laser-etched graphics.

J0E25501

J0E25591

Part No.	Description
J0E25501	Kart/Quarter Midget Front Hub
J0E25591	Kart/Quarter Midget Front Hub Spacer Kit
J0E25596	5/16"-18 x 1-1/4", 12 Pack Hub Stud Kit
J0E25597	1/4"-28 x 1-1/4", 12 Pack Hub Stud Kit

Short Kart Rear Hub *JOE25560*
Hub is precision-machined to roll more true than knock-offs. 1-1/4" I.D. drilled and tapped 1/4"-28 and 5/16"-18 on 2-1/2" bolt circle. Black anodized for durability, with laser-etched logo.

Quarter Midget Brake Hub
JOE25411
Hubs are precision milled for durability and long life. Anodized, laser-etched hubs include hardware to allow easy installation. Fits 1-1/4" axles.

Quarter Midget Brake Rotor
JOE25410
Scalloped rotors are made from 1018 steel, which saves weight without sacrificing braking power. Machined slots lighten rotor and dissipate unwanted heat.

Quarter Midget Shock Prog. Valve 3C-3R with C/O Kit
AFC523-30-30-0

AFCO aluminum body quarter midget shocks utilize deflective disc, shim stack technology to provide the lowest rod pressure in the industry. Owner rebuildable shocks have chrome shafts and low-drag seal system. Shocks include a coil-over kit. A full selection of maintenance tools and rebuild kits are also available.

Part No.	Description
Replacement/Accessory Component	
AFC20109	Shock Inflation Gauge

3-1/2" and 5" Coil-Over Quarter Midget Springs
Eibach uses the finest quality chrome silicon steel wire to produce coil springs that are cold-formed on CNC coilers, heat-tempered, shot-peened, pre-set, phosphate-treated, and red powder-coated with a durable epoxy finish. All springs are imprinted with the part number, and guaranteed to remain within 2% of their rate and height for the life of the spring. Choose from 3-1/2" or 5" O.D. coil-over springs.

Rate	3.5"	5"
85	EIB0350.163.0085	EIB0500.163.0085
90	—	EIB0500.163.0090
95	—	EIB0500.163.0095
100	—	EIB0500.163.0100
105	—	EIB0500.163.0105
110	EIB0350.163.0110	EIB0500.163.0110
115	EIB0350.163.0115	EIB0500.163.0115
120	—	EIB0500.163.0120
125	—	EIB0500.163.0125
130	EIB0350.163.0130	—
150	EIB0350.163.0150	—

Polished Radius Rods
Polished 6061 swaged aluminum radius rods are 1/2" O.D. x 5/16" x .080" wall thickness. Available in lengths from 7" to 20-3/4". For use with 5/16" left- and right-hand Heim ends.

Length	Part No.	Length	Part No.
7"	MWASRE5-7-POL	12"	MWASRE5-12-POL
7.5"	MWASRE5-7.5-POL	13"	MWASRE5-13-POL
8"	MWASRE5-8-POL	14"	MWASRE5-14-POL
8.5"	MWASRE5-8.5-POL	14.5"	MWASRE5-14.5-POL
9"	MWASRE5-9-POL	15"	MWASRE5-15-POL
10.25"	MWASRE5-10.25-POL	16"	MWASRE5-16-POL
11"	MWASRE5-11-POL	17"	MWASRE5-17-POL
11.75"	MWASRE5-11.75-POL		

QUARTER MIDGET PARTS AND ACCESSORIES

SUSPENSION & BODY

QUICKCAR

Aluminum Suspension Tubes

Now offered in smaller 21/32" diameter (.656"), QuickCar suspension tubes are manufactured in the USA from rigid 6061 aluminum and are up to 35% stronger than traditional hex or round units. Suspension tubes include precision-machined ends, corrosion-resistant black anodized finish and identification on the left-hand threaded end. Unique design allows easy adjustments by hand or with a wrench. Tubes are offered with 5/16"-24, 8mm-1.25, or 3/8"-24 threads. Metric-threaded tube includes special identification.

5/16"-24

8mm-1.25"

3/8"-24

Length	5/16"-24	8mm-1.25"	3/8"-24
6"	QRP31-060	—	—
7"	QRP31-070	—	—
7-1/2"	QRP31-075	—	—
8"	QRP31-080	QRP08-080	QRP38-080
8-1/2"	QRP31-085	QRP08-085	QRP38-085
9"	QRP31-090	QRP08-090	QRP38-090
9-1/2"	QRP31-095	QRP08-095	QRP38-095
10"	QRP31-100	QRP08-100	QRP38-100
10-1/2"	QRP31-105	QRP08-105	QRP38-105
11"	QRP31-110	QRP08-110	QRP38-110
11.5"	QRP31-115	QRP08-115	QRP38-115
12"	QRP31-120	QRP08-120	QRP38-120
12-1/2"	QRP31-125	QRP08-125	QRP38-125
13"	QRP31-130	QRP08-130	QRP38-130
13-1/2"	QRP31-135	QRP08-135	QRP38-135
14"	QRP31-140	QRP08-140	QRP38-140
14-1/2"	QRP31-145	QRP08-145	QRP38-145
15"	QRP31-150	QRP08-150	QRP38-150
15-1/2"	QRP31-155	QRP08-155	QRP38-155
16"	QRP31-160	QRP08-160	QRP38-160

Length	5/16"-24	8mm-1.25"	3/8"-24
16-1/2"	QRP31-165	QRP08-165	QRP38-165
17"	QRP31-170	QRP08-170	QRP38-170
17-1/2"	QRP31-175	QRP08-175	QRP38-175
18"	QRP31-180	QRP08-180	QRP38-180
18-1/2"	QRP31-185	QRP08-185	QRP38-185
19"	QRP31-190	QRP08-190	QRP38-190
19-1/2"	QRP31-195	QRP08-195	QRP38-195
20"	QRP31-200	QRP08-200	QRP38-200
20-1/2"	QRP31-205	—	—
21"	QRP31-210	—	—
21-1/2"	QRP31-215	—	—
22"	QRP31-220	—	—
22-1/2"	QRP31-225	—	—
23"	QRP31-230	—	—
23-1/2"	QRP31-235	—	—
24"	QRP31-240	—	—
24-1/2"	QRP31-245	—	—
25"	QRP31-250	—	—
25-1/2"	QRP31-255	—	—
26"	QRP31-260	—	—

ALLSTAR PERFORMANCE

Quick-Turn Fasteners and Accessories

Description	10-Pack	50-Pack
Oval-Head Buttons		
5/16"		
.500" Long, Steel	ALL19214	ALL19215
.500" Long, Aluminum	ALL19276	ALL19278
7/16"		
.400" Long, Steel	ALL19216	ALL19218
.500" Long, Steel	ALL19220	ALL19222
.550" Long, Steel	ALL19230	ALL19232
.400" Long, Aluminum	ALL19280	ALL19282
.500" Long, Aluminum	ALL19286	ALL19288
.550" Long, Aluminum	ALL19290	ALL19292

Description	10-Pack	50-Pack
Flush-Head Buttons		
5/16"		
.500" Long, Steel	ALL19186	ALL19188
.500" Long, Aluminum	ALL19256	—
7/16"		
.400" Long, Steel	ALL19190	ALL19192
.500" Long, Steel	ALL19200	ALL19202
.550" Long, Steel	ALL19210	ALL19212
.400" Long, Aluminum	ALL19260	ALL19262
.500" Long, Aluminum	ALL19266	ALL19268
.550" Long, Aluminum	ALL19270	ALL19272

Quick-Turn Fasteners and Accessories

Description	10-Pack	50-Pack
Steel Flush-Head Self-Ejecting Buttons		
5/16"		
.400" Long	ALL18990	ALL18992
.450" Long	ALL18996	ALL18998
.500" Long	ALL19000	ALL19002
.550" Long	ALL19006	ALL19008
.650" Long	ALL19010	ALL19012
7/16"		
.500" Longl	ALL19100	ALL19102
.550" Long	ALL19110	ALL19112

Description	10-Pack
Steel Winged-Head Self-Ejecting Buttons	
5/16"	
.450" Long	ALL19046
.500" Long	ALL19050
.550" Long	ALL19056
.650" Long	ALL19060
7/16"	
.500" Long	ALL19064
.650" Long	ALL19068

QUARTER MIDGET PARTS AND ACCESSORIES

SUSPENSION & BODY

QA1

Rod Ends, Jam Nuts

Part No.	Description
Male Steel Rod Ends	
Economy	
QA1CML5	5/16" x 5/16-24 LH
QA1CMR5	5/16" x 5/16"-24 RH

AURORA BEARING COMPANY

Part No.	Description
Male Steel Rod Ends	
Economy	
AURCB-5	5/16" x 5/16"-24 LH
AURCM-5	5/16" x 5/16"-24 RH
Precision	
AURMB-5	5/16" x 5/16"-24 LH
AURMM-5	5/16" x 5/16"-24 RH
Moly	
AURAB-5	5/16" x 5/16"-24 LH
AURAM-5	5/16" x 5/16"-24 RH

FK BEARINGS

Part No.	Description
Aluminum Jam Nuts	
FKBAJNL05	Aluminum Jam LH 5/16"-24

ALLSTAR PERFORMANCE

Part No.	Description
Steel Jam Nuts for Heims	
ALL18252	5/16"-24 RH
ALL18253	5/16"-24 LH

ALLSTAR PERFORMANCE

Braided Steel Lines, Fittings, and Fluids

Part No.	Description
Braided Steel Lines with Straight Ends	
ALL46300-42	-3 Line with -3 Ends, 42" Long
ALL46300-43	-3 Line with -3 Ends, 43" Long
ALL46300-44	-3 Line with -3 Ends, 44" Long
ALL46300-47	-3 Line with -3 Ends, 47" Long
ALL46300-48	-3 Line with -3 Ends, 48" Long
ALL46302-42	-4 Line with -4 Ends, 42" Long
ALL46302-48	-4 Line with -4 Ends, 42" Long
Fittings	
ALL50000	Steel Brake Fitting 1/8" NPT to -3AN
ALL50001	Steel Brake Fitting 1/8" NPT to -4AN
ALL50010	45° Steel Brake Fitting 1/8" NPT to -3AN
ALL50011	45° Steel Brake Fitting 1/8" NPT to -4AN
ALL50018	90° Steel Brake Fitting 1/8" NPT to -3AN
ALL50019	90° Steel Brake Fitting 1/8" NPT to -4AN
Brake Fluids	
ALL78116	AP PRF Brake Fluid
ALL78108	AP 600 Hi-Temp Racing Brake Fluid
ALL78117	Motul 600 Brake Fluid
ALL78118	Motul 660 Brake Fluid

Nylon Brake Line and Fittings

ALL48026

Quickly plumb any race car using Allstar nylon brake line. Race-proven for years. Not for street use.

Part No.	Description
Replacement Brass Fittings For Nylon Brake	
ALL48032	1/8" NPT Straight
ALL48033	1/8" NPT 90°

Heel Riser

Aluminum heel risers are pre-drilled for easy mounting and include a non-skid pad. 4-1/2" wide.

ALL54091

Part No.	Description
ALL54090	1" Tall Riser
ALL54091	1-1/2" Tall Rise

SUPPORT EQUIPMENT

PIT PAL PRODUCTS Authorized Distributor

Telescoping Tire Rack *PIT288*

Innovative tire rack, developed exclusively for 11" dia. kart tires, keeps tires secure during transport. Rack features a telescoping design which adjusts from 5' to 10' long, and uses .125" thick aluminum end plates and support brackets for structural integrity.

QUARTER MIDGET PARTS AND ACCESSORIES

SUSPENSION & BODY

ALLSTAR PERFORMANCE

Quick-Turn Fasteners and Accessories

Description	10-Pack	50-Pack
Springs		
1-3/8" (.090" Wire Diameter)		
.325" Reach	ALL19320	ALL19322
.375" Reach	ALL19330	ALL19332
.425" Reach	ALL19336	ALL19338
1" (.080" Wire Diameter)		
.250" Reach	ALL19300	ALL19302
.325" Reach	ALL19310	ALL19312
.200" Reach	ALL19296	ALL19298

ALL19320

Quick-Turn Wrench *ALL19400*

Fits slot-head fasteners and reduces the risk of body or fastener damage.

Step Drill Set *ALL11040*

Drill multiple size holes with one bit. Drill sheet metal and aluminum without deforming or distorting. Bits start cutting on contact, deburr and chamfer while drilling, and do not require a center punch. Titanium nitride-coated high-speed steel. 1/4" hex shank. Set includes one 3/16"-1/2", one 1/4"-3/4", and one 1/8"-1/2" drills.

Transfer Punches

For use with quick-turn fasteners, place transfer punch in a weld plate or body panel. Position panel over top of punch and lightly tap with a hammer to leave a mark on the panel where hole is to be drilled.

Part No.	Description
ALL19402	For 5/16" Fasteners
ALL19403	For 7/16" Fasteners

Flush Mount Bolts

1/4"-20 flush mount bolts have a beveled head to provide a smooth finished appearance and are slotted for installation with a standard screwdriver. Excellent choice when securing body and panels, also great for mounting floor pans and seat/rear firewalls in quarter midgets. Size noted is under-head length. Package of 10.

Part No.	Description
Steel	
ALL18645	1"
ALL18650	1-1/4"
Aluminum	
ALL18646	1"
ALL18651	1-1/4"

ALLSTAR PERFORMANCE

3/16" Small Head Colored Rivets

Box of 250 have a 1/4" to 3/8" grip range.

Color	Steel Mandrel	Aluminum Mandrel
White	ALL18114	ALL18116
Red	ALL18120	ALL18122
Black	ALL18126	ALL18128
Pepsi Blue	ALL18132	—
Chevron Blue	ALL18134	ALL18135
Orange	ALL18136	ALL18137
Yellow	ALL18138	ALL18139

3/16" Small Head Silver Rivets

Box of 250. Various grip ranges available.

Steel Mandrel	Aluminum Mandrel	Grip
ALL18101	ALL18107	1/8" to 1/4"
ALL18103	ALL18109	1/4" to 3/8"
ALL18105	—	3/8" to 1/2"

1/8" Multi-Grip Silver Rivets *ALL18198*

Box of 250 with small head and 1/8" to 3/8" grip range. Steel mandrel and an excellent choice when assembling quick-turn fastener components.

1/8" Tri-Fold Rivets *ALL18199*

Box of 100 with medium head and 1/8" to 3/8" grip range. Aluminum mandrel and an excellent choice when assembling quick-turn fastener components.

1/8" Small Head Silver Rivets

Stainless Steel Mandrel	Aluminum Mandrel	Quantity	Grip Range
ALL18196	ALL18190	500	1/8" To 1/4"
ALL18197	ALL18191	25	1/8" To 1/4"
	ALL18192	500	5/16" To 3/8"
	ALL18194	25	5/16" To 3/8"

Back-Up Washers

Back-up washers provide added strength when fastening panels together or when re-securing damaged panels.

Part No.	I.D.	O.D.	Pkg. Qty.
Aluminum			
ALL18200	1/8"	3/8"	500
ALL18202	3/16"	1/2"	500
Steel			
ALL18215	3/16"	1"	100

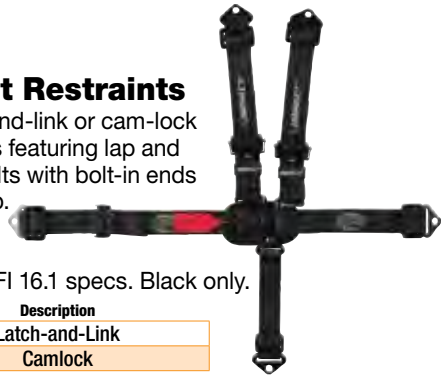
SAFETY

IMPACT

1320 Helmet, X-Small
IMP14520212

The 1320 is affordable but does not cut any corners on quality or safety. It's made by hand with high-quality features like a variable-density Gray Matter helmet liner, interchangeable sizing cheekpads, fire-retardant Kevlar chin-strap with dual D-Ring closure, and 8" polycarbonate shield with three-position detent. Flat black.

Quarter Midget Restraints



Choose from latch-and-link or cam-lock style 5-point restraints featuring lap and individual shoulder belts with bolt-in ends and three-bar for wrap. Restraint uses pull-up right lap adjust and fixed left lap. Meets SFI 16.1 specs. Black only.

Part No.	Description
IMP52116661	Latch-and-Link
IMP58346661	Camlock

BELL HELMETS

GP.2 Youth

Built specifically for children and younger racers, SFI 24.1 certified GP.2 Youth has the same design and features as the adult GP.2 model. A perfect fit for young racers who need great styling and superior features. Light weight and excellent fit in a smaller configuration. Offered in silver, matte black, or white.

Size	Part No.
Silver	
XXXX-Small	BEL1425021
XX-Small	BEL1425023
X-Small	BEL1425024
Matte Black	
XXX-Small	BEL1425012
XX-Small	BEL1425013
X-Small	BEL1425014
White	
XXX-Small	BEL1425002
XX-Small	BEL1425003
X-Small	BEL1425004

IMPACT

Axis Glove *IMP35500310*

Uses a single-piece palm with suede insert panels to provide a sure grip of the steering wheel. Comfortable to wear gloves use external seam construction to reduce pressure points and abrasion. Offered in small and black only.

5-Point Latch-and-Link Restraint System
IMP54116661

Junior restraint system includes 2" wide individual shoulder harness with 2" wide latch and pull-up adjust, link lap belts, and single 1" wide anti-sub belt. Meets SFI 16.1 specifications.

RaceQuip

Youth Full-Face Helmets

Full-face youth helmet features a wide eyeport for exceptional peripheral vision. Lightweight composite shell helmet also includes positive lock aluminum pivot kit, Kevlar chin strap, comfort-fit blended Nomex interior, 3mm thick polycarbonate face shield, and a foam shield seal to keep out dust and dirt. Meets SFI 24.1 and SA2015 specifications. Covers youth sizes small, medium, and large.

Part No.	Color
RQP2260096	Gloss Flat Black
RQP2261196	White
RQP2269996	Black

Replacement Helmet Shields

Part No.	Description
RQP204001	Clear
RQP204004	Dark Smoke
RQP204006	Amber
RQP205661	Hardware for Shields

QUARTER MIDGET PARTS AND ACCESSORIES

SAFETY

RaceQuip

Euro Ankletop Racing Shoes

Size	Part No.
1	RQP30500010
2	RQP30500020
3	RQP30500030
4	RQP30500040
5	RQP30500050
6	RQP30500060
6-1/2	RQP30500065
7	RQP30500070
7-1/2	RQP30500075
8	RQP30500080
8-1/2	RQP30500085
9	RQP30500090
9-1/2	RQP30500095

The Hightop Shoe

Suede leather Hightop has Velcro closure, bottom laces, Nomex fleece-lined interior, and polyurethane type-M sole with athletic-style inner sole. Meets SFI 3.3/5 specifications. Offered in black only.

Size	Part No.
7	SIM28700BK
7-1/2	SIM28750BK
8	SIM28800BK
8-1/2	SIM28850BK
9	SIM28900BK

Pro-1 Youth Single-Layer Suits

Ideal for young drivers, the Pro-1 suit includes single-layer, Pyrovatex FRC construction to meet stringent SFI 3.2A/1 specifications. Suits feature high-back collar, wrist and ankle cuffs, internal bag pockets, and a pleated back panel for added flexibility.

Size	Part No.
One-Piece Driving Suits	
Purple Trim	
XX-Small	RQP1950590
X-Small	RQP1950591
Small	RQP1950592
Medium	RQP1950593
Large	RQP1950595
X-Large	RQP1950596
XX-Large	RQP1950597
Green Trim	
XX-Small	RQP1950790
X-Small	RQP1950791
Small	RQP1950792
Medium	RQP1950793
Large	RQP1950795
X-Large	RQP1950796
XX-Large	RQP1950797
Pink Trim	
XX-Small	RQP1950890
Small	RQP1950892
Medium	RQP1950893
Large	RQP1950895
X-Large	RQP1950896
XX-Large	RQP1950897
Black Trim	
XX-Small	RQP1959990
X-Small	RQP1959991
Small	RQP1959992
Medium	RQP1959993
Large	RQP1959995
X-Large	RQP1959996
XX-Large	RQP1959997

SIMPSON

Youth Legend II Suit

The Youth Legend II suit is an affordable SFI.1-rated firesuit tailored to the needs of the young racer. It offers distinctive new styling and an attractive color combination. This entry-level FR cotton suit includes a wrap-around collar and three-point epaulets with Simpson branding. It also features also included vertical quilting, 360° full arm gussets, straight leg cuffs, and front pockets.

Part No.	Description
SIMLY22071	X-Small, Black
SIMLY22171	Small, Black
SIMLY22271	Medium, Black
SIMLY22371	Large, Black
SIMLY22471	X-Large, Black

Competitor Gloves - Small Only

SIM21300SK-O

Nomex gloves have silicon palms and touch points for exceptional grip and limited bunching. Double-layer gloves meet SFI 3.3/5 specifications and are available in black, with distinctive white trim.

355 Gloves

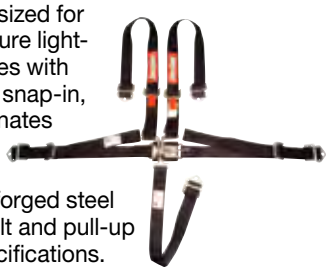
Size	Black
Youth Small	RQP3550092
Youth Medium	RQP3550093
Youth Large	RQP3550095
X-Small	RQP355001
Small	RQP355002

Junior 360° Helmet Support

RQP3370097

Perfect for the drivers of Quarter Midgets, junior-sized helmet support is SFI-approved and features a full, 360° design. Made from flame-retardant, high-density foam and covered with woven FRC cover and Velcro enclosure. Black only.

Quarter Midget 5-Pt Harness Sets



Five-point harness assemblies, sized for youth quarter midget drivers, feature lightweight aluminum alloy cam buckles with wide engagement cones for easy snap-in, while the unlatch movement eliminates accidental release. Bolt-in harnesses include 3" wide polyester webbing, heavy-duty drop-forged steel hardware, single 2" submarine belt and pull-up lap adjusters. Meets SFI 16.1 specifications. Offered in black, red, or blue.

Color	Part No.
Black	RQP709009
Red	RQP709019
Blue	RQP709029

QUARTER MIDGET PARTS AND ACCESSORIES

SAFETY

SIMPSON

5-Point Latch-and-Link Restraint System
SIM29025BK

Popular junior restraint system uses individual wrap-around 2" wide shoulder harness with pull-down adjustment, 2" wide latch-and-link wrap-around lap belts and 2" wide anti-sub belt. Meets SFI 16.1

Jr. Arm Restraints
SIM3600JBK

A must for open cockpit race cars, restraints have padded arm bands with steel hardware and allow easy entry and exit. Available in black only.

Nomex Harness Pads
SIM23020BK

Pads attach to harnesses or belts in seconds with Velcro and provide extra comfort when cinching belts. Sold in pairs. Available in black only.

Hybrid Sport

The Hybrid Sport is lighter and sleeker with defined wings for seat belt containment. Head-and-neck restraint weighs 20% less than previous models due to advanced carbon/polymer construction. Sliding tethers and patent-pending multi-tether system improves side-to-side movement and field of vision. Meets stringent SFI 38.1 specifications.

Part No.	Tether System
Child 22" - 26" Chest	
SIMHSCHD11SAS*	Quick Release Tethers and D-Ring Kit
Small 36" - 40" Chest	
SIMHSSML11SAS*	Quick Release Tethers and D-Ring Kit
SIMHSSML11PA*	Post Clip Tethers and Post Anchors
SIMHSSML11SAS*	Quick Release Tethers and D-Ring Kit

**** Comes with seat belt anchor system unless noted.***

hans

Sport II

HANDK16217.321SFI
(Post Anchor)

Now offered in a youth size, the Sport II is lightweight, comfortable to wear and offers SFI 38.1 certified head and neck protection. Offered in Post Anchor or Quick Click configurations, Sport II fits youth with 12-1/2"-14-1/2" neck sizes.

Part No.	Description
HANDK16217.321SFI	With Post Anchor
HANDK16217.321SFI	With Quick Click

RCi

Racing Harness Latch-and-Link
RCI9410D

Junior 5-point racing harness is constructed from 2" webbing and has high-quality mounting hardware for bolt-in mount. Features latch-and-link aircraft-style buckle and pull-down adjustment. SFI 16.1 approved.

G-FORCE RACING GEAR

Jr. Latch-and-Link Harness Set
GFR6460BK

Latch-and-link five-point harness features pull-up style adjust and meets SFI 16.1 specifications. Offered in black only.

OMP

OS 10, Medium
OMPIA0-1901-A01-071-M

Affordable single-layer driving suit is made from treated woven fabric and features a double back pleat, lumbar elastic stitch, external pockets, and an attractive matte finish. One-piece suit meets SFI 3-2A/1 specifications and is offered in black only.

KIRKEY RACING FABRICATION

Molded Foam Seat Insert Kit *KIR99300*

Do-it-yourself kit allows adding form fitting high-density padding to the bottom and lumbar of an existing seat, increasing safety and comfort. Sold complete with all materials needed. ***Note: Kit is designed for use with a seat that properly fits the driver. If seat is too large, two kits will be required.***

QUARTER MIDGET PARTS AND ACCESSORIES

SAFETY

RJS RACING EQUIPMENT

Helmet Restraint
RJS11000801

Helmet restraint reduces neck fatigue and is easy to attach or remove. Adjusts easily and includes “D” ring attachment for quick installation. Compatible with any helmet.

Jr. Arm Restraints
RJS11001701

Easy to install and comfortable to wear. Arm restraints are manufactured from 1" wide webbing and utilize a 1" D-ring to prevent slipping. Sold in pairs, black only.

3" Harness Pads

Easy to install, pads slip over belts for extra driver comfort. Available in black, blue, and red. SFI approved.

Color	Part No.
Black	RJS11001201
Blue	RJS11001203
Red	RJS11001204

Junior Nomex Underwear

Fire-retardant underwear provides a vital thermal barrier for added safety. Sold in two-piece sets (top and bottom). Nomex socks and hoods are also available.

Size	Part No.
Jr. 6/8	RJS800010022

MOLECULE KEEP IT CLEAN

Molecule Performance Products

Molecule Wash and Refresh bonds to Nomex driving suits, repelling flammable stains, shielding UV rays, and increasing breathability, while keeping gear clean and fresh. Protector sheds water, oils, fuels, and dirt.

Part No.	Description
MOLMLPR161	Protector, 16-oz. Spray
MOLMLWA161	Wash Kit, Includes 16-oz. Wash and 16-oz. Spot Remover
MOLMLWK442	Trial Wash Kit, Includes 4-oz. Wash and 4-oz. Spot Remover

NECKSGEN

REV Head-and-Neck Restraint
NEXNG23

The restraint uses a patent-pending tension-neutralizing tether design that provides superior lateral and frontal support and allows for little or no interference with seat or helmet. REV comes in three sizes and works in any race vehicle. Made in USA.

zamp

RZ-55

Affordable, full-face composite helmet is fitted with a fire-retardant plush interior and is pre-drilled for use with a head and neck restraint. Chin, scalp, and exhaust vents provide ventilation. Helmet meets SA-2010 specs, and includes 3mm shield and tear-off posts.

Size	Part No.
White	
X-Small	ZAMH770001XS
Small	ZAMH770001S
Matte Black	
Small	ZAMH77203FS

PXP RaceWear

Racewear Underwear

Combines the benefits of safety, comfort, and durability. Manufactured using meta-aramid technology of Kermel FR fibers, Racewear is extremely fire-resistant and permanently non-flammable, which prevents it from washing out in the laundry. The color is solution-dyed, which makes it fade-resistant, while the material is also comfortable to wear and soft to the touch. Racewear underwear is offered in long or short sleeve tops and traditional bottoms in both black or graphite grey. All tops and bottoms meet SFI 3.3 requirements.

Size	Part No.
Long Sleeve Tops	
Black	
Small	PXP112
Medium	PXP113
Bottoms	
Black	
Small	PXP122
Medium	PXP123
Grey	
Small	PXP222

QUARTER MIDGET PARTS AND ACCESSORIES

SAFETY

BUTLERBUILT® Professional Seat Systems™

E-Z Sert Seat Insert *BUTBBP-2072-M*

Increase comfort and support of the lower back, pelvis, and thighs, and decrease the risk of back injury. E-Z Sert seat insert fits into an existing racing seat, creating a molded shape of the body. In a crash, the insert allows the forces of impact to be spread more equally and over more area. “Do-it-yourself” package comes complete with instructions and all required materials including CarbonX.

SETUP TOOLS

ALLSTAR PERFORMANCE

Tire Tape Measures

ALL10111

ALL10112

Ten-foot-long tapes are ideal for measuring tire diameters and checking stagger.

Part No.	Description
ALL10111	Economy
ALL10112	Deluxe

Shock Inflation Tool *ALL64260*

Shock inflation tool threads onto shock valve. Fill valve and 0-300 PSI gauge head rotate independently 360° for easy filling and reading. Complete with built-in bleeder and includes a protective storage case.

Tire Durometer *ALL44034*

Easily check tire hardness. Includes storage pouch.

Tire Gauges *ALL44076*

2" gauge has a 12" flex hose with swivel chuck and pressure-release valve. Available in 0-20 PSI. Accurate to within +/- 1%.

Shock Workstation *ALL64264*

The all-in-one Shock Workstation holds shock bodies in the upright position for ease of shaft removal or assembly and holds shock shafts vertical or horizontal for easier repairs or revalving. Aluminum construction workstation can be placed in a vise and has 1/4" threaded holes for custom mounting.

Valve Core Tool *ALL44030*

Easily remove and install new valve cores. Base of handle has a knurled grip to aid with grip. Ergonomically designed and crafted from stainless steel. Measures 3" overall length.

Intercomp® advanced weighing technology . . . by any measure

Digital Tire Durometer *INT102091*

Digital durometer reads from 0-99.5 and includes both push-button zero and peak hold functions. Sold complete with storage case.

Tire Durometer *INT360092*

Type-A hardness tester allows quickly checking tire compound. Gauge reads 0-100.

Analog Shock Inflation and Pressure Gauge *INT100675-A*

Specialized gauge allows monitoring pressure during the shock inflation process. Liquid-filled unit has a range of 0-300 PSI and 0-20 BAR.

TANNER Racing Products By MB MITTLER BROS. MACHINE & TOOL

Alignment Bar Kits

TAN75105

TAN75110

Part No.	Description
TAN75105	QM Front
TAN75110	QM Rear

QUARTER MIDGET PARTS AND ACCESSORIES

SETUP TOOLS

Hawk Tire Tape *QRP56-110*

Tape's unique hawk tip securely grabs any surface, won't pull loose, and measures to 10'.

Deluxe Tire Durometer *QRP56-155*

Checks hardness of tire to determine condition. Includes carrying pouch.

Tire Pressure Gauges

Rugged 2-1/2" tire pressure gauges with pressure relief valves use the entire gauge range for more accurate readings. Features include shock-resistant boot and a 14" hose with a strain relief on each end.

Part No.	Description
Dry Gauges	
QRP56-020	20 PSI, .5-lb. Increments
Liquid Filled Gauges	
QRP56-021	20 PSI, .5-lb. Increments
Glow-In-The-Dark Gauges	
QRP56-022	20 PSI, .5-lb. Increments

Intercomp

advanced weighing technology . . . by any measure

SW500 E-Z Weigh Kart Scale System *INT170130*

Scale system is engineered specifically for use with karts, featuring a 400-lb pad capacity and 1,600-lb total system capacity. System is certified to 0.1% accuracy and includes center of gravity calculation, baseline setup recall, user selectable display modes, 4-bolt load cell design, backlit display, USB and RS232 outputs, and the ability to store up to 100 chassis setups. Powered by a 9-volt battery.

SW650RFX Quik Weigh Wireless Scale System *INT170319*

RFX wireless technology assures 0.1% accuracy and secure wireless communication. System has large, 1/2" backlit display characters, USB and RS232 output, and can store 100 chassis set-ups, recall baseline set-up, calculate center of gravity, display user-selectable modes, and target tuning. Includes four wireless, RFX billet, 15" x 15" x 2-1/2", 1,500-lb pads; one touch wireless indicator with case; AA alkaline batteries; and a two-year warranty. PC not included.

Digital Air Pressure Gauge (0-100 PSI) *INT360045*

Highly accurate digital gauge includes easy-to-read 1/2" display, push button zero, thumb-operated bleed-off, backlit display for night use, 22" hose, and 45° swivel air chuck.

Digital Shock Inflation and Pressure Gauge *INT100675*

Allows quick, easy shock pressure settings up to 300 PSI in 0.5 lb. increments. Gauge is compatible with most shocks and includes a thumb-operated bleeder to achieve desired pressure. Standard with "Schrader" valve adapter for Penske-style valve, while a needle adapter is available for Ohlins-style.

JOES RACING PRODUCTS

Glow-in-the-Dark Tire Pressure Gauges (0-30 PSI)

Accurately adjust tire pressure, even in dark pit areas. Gauges include air pressure release buttons, 17" ultra flexible hoses with a chrome swivel angle chuck and a separate ball chuck included. Choose from standard 2-1/2" diameter or precision liquid-filled 4" diameter gauges. Standard 2-1/2" gauges are also available with optional hold valve, which freezes readings until pressure is reapplied or released.

Part No.	Description
JOE32306	Standard 2-1/2" Dia.
JOE32326	Standard with Hold Valve 2-1/2" Dia.

Digital Tire Gauge *JOE32435*

Top-quality, affordable 0-60 PSI digital gauge includes a large backlit display that is easily read, even at night. Gauge is laboratory calibrated to 1% accuracy at .1 resolution, and includes flexible hose and both ball and angle air chucks.

Deluxe Racing Pyrometer *JOE54005*

Pyrometer combines large, 1-1/2" tall numbers and backlighting for easy reading, even at night. The compact, 90° probe offers easy access. A padded case is included.

Kart or Quarter Midget Toe Gauge *JOE32615*

Comes with everything needed to make quick work out of precisely setting the toe on a Kart or Quarter Midget. Billet gauge easily slips on your 5/8" spindles and uses specially designed slots to hold the tape measures that are included in the kit. Includes storage box.

QUARTER MIDGET PARTS AND ACCESSORIES

SETUP TOOLS

Longacre® Racing Products

Caster/Camber Gauge

LON52-78250

Reads camber from +6° to -6° and is accurate to 1/4°. Caster reads from +12° to -4°. All vials are individually checked for accuracy and assembled on a precision fixture. All critical surfaces are CNC-machined for accuracy.

Part No.	Description
LON52-78250	Gauge Only, No Adapter
LON52-78438	Gauge Adaptor, 5/8"-18

LON52-78438

Digital Durometer *LON52-50547*

Easy-to-use and easy-to-read tire durometer measures tire hardness, featuring a digital readout. Tester uses a straight edge on base to "rock" durometer for more consistent results, while the non-slip coating offers an improved grip. Accurate up to .5 (Shore "A" scale). Sold complete with silver storage case.

Standard Tire Gauge *LON52-52024*

Easy-to-read 2" dial-type gauge has 14" hose, air-release button, and rubber gauge bumper to prevent damage. 0-30 PSI In 1/2-lb. increments.

Magnum Tire Gauge *LON52-52021*

3-1/2" glow-in-the-dark gauge includes hi-flow release button, swivel ball or angled chuck, internal gauge damper for more accurate readings, 17" ultra-flexible hose, and silver case.

Liquid-Filled Tire Gauges *LON52-52022*

Gauge has pressure equalizer button to eliminate pressure differences, a 2-1/2" diameter, glow-in-the-dark face with protective bumper and a 17" hose with swivel chuck. 0-30 PSI In 1/2-lb. increments.

Deluxe Tire Pressure Gauges

Deluxe gauges incorporate large, 2-1/2" diameter glow-in-the-dark dial faces for quick, easy gauge reading. An internal gauge damper helps provide accurate, consistent readings. Each gauge includes high-flow air-release button and 17" long, ultra-flexible hose with swivel chuck.

Part No.	Description
LON52-52033	0-15 PSI, Dual Bleed
LON52-52023	0-30 PSI
LON52-52003	0-60 PSI

Digital Shock Inflator

Shock inflator has a 0-300 PSI digital gauge and an extra-long hose to allow filling shocks on car. Inflator connects directly to nitrogen line, filling and bleeding shocks quickly. A special chuck prevents pressure loss and inaccurate settings.

Part No.	Description
LON52-50473	Digital Shock Inflator
LON52-50483	Digital Shock Inflator, Less Fill Hose

Ultimate Tire Pressure Gauge *LON52-53053*

Ultimate tire pressure gauge combines the benefits of a large, easy-to-read digital readout with accuracy to .1 PSI. State-of-the-art gauge includes the ability to save and store all four tire pressures on the display. Gauge has an angle chuck, is backlit for night use, and features a three-button air release for quicker pressure settings. Sold complete with storage case.

Memory Tire Pyrometers

Longacre standard and deluxe pyrometers record and display 12 tire temperatures at the same time and store 10 complete sets of temperatures with recall. Deluxe version will compute average tire temperatures for each tire, and features a backlit display with automatic shut-off and a 4-car, 75-lap memory stopwatch. The deluxe pyrometer can start recording tire temperatures at any corner. The standard unit must start at the right front tire.

Part No.	Description
LON52-50682	Standard Pyrometer
LON52-50690	Deluxe Pyrometer

Deluxe Digital Pyrometer *LON52-50640*

Performs instant temperature readings from 0-2,000°F and holds the highest temperature. Compare temperatures with the press of a button. Includes foam-lined case.

Portable Air Tank with Tire Filler Gauge *LON52-50315*

Save precious time topping off tire pressures. Ultra-lightweight stainless steel air tank holds enough air to top off four tires and the inlet valve allows tank filling in less than 15 seconds. Tank has a 0-60 PSI, quick-fill tire gauge with ball chuck.

QUARTER MIDGET PARTS AND ACCESSORIES

SETUP TOOLS

longacre® Racing Products

AccuSet II Computerscales *LON52-72582*

New, improved AccuSet II Computerscales feature a slanted display for easier reading. Simple to set-up and use; push a single button for all four wheel weights and cross weight, and push a second button for all partial percentages. Sold complete with satin-finished LMF (Liquid Metal Forging) scale pads, heavy-duty red HiFlex cables with billet AN connectors, and heavy-duty silver carrying case. Covered by a 2-year limited warranty. 12" X 12" scale pads, 1,100-lb. capacity.

Wireless Computerscales XLi with Full-Color/High-Resolution 7" Tablet *LON52-72715*

Computerscales XLi offers the ultimate in wireless convenience. System provides data directly from the scale pads to a full-color, high-resolution 7" tablet. Tablet displays memory with current weights. Display with wheel weights and car icon may be rotated, providing an easy view from any position. Sold complete with tablet and single-cell 1,500-lb. capacity pads.

RADIO EQUIPMENT

RACECEIVER

Fusion+

Compact and affordable with superior reception quality, the Fusion+ communication device is revolutionizing oval track racing, providing safer racing for racers and officials alike. Mandated by many short tracks, the Fusion+ allows officials to communicate with all of the drivers simultaneously, providing direct communication and warnings about on-track accidents or debris. The unit is preprogrammed—just dial up the track channel. A programmable default channel allows "saving" the channel, while an added button lock feature eliminates unwanted channel or volume changes. Sold complete with holster clip, AAA battery, and complete instructions. Unit may be purchased separately, or complete with earpiece.

Part No.	Description
RCVCFUS16	Fusion+
RCVCFUS16REP	Fusion+ Rookie Driver Kit, Includes Earpiece
RCVCFUS16SPK	Fusion+ Semi-Pro Driver Kit, Includes Earpiece

LapCeiver A.L.T. (Audible Lap Timer) *RCVLAP-ALT-100*

View lap times on a large LCD display or hear them audibly using a separate earpiece (purchased separately). The LapCeiver A.L.T. has two different modes of operation. In transponder mode, the unit works with the track's timing system and a LapCeiver transmitter, allowing up to five transponders into the LapCeiver A.L.T., one in each of the five memory banks. The IR (Infra-Red) mode uses an IR beacon transmitter that is set up across the track, while an IR detector is mounted to the car. Once the car passes through the beams, the timing data comes up on the display.

Car Box *RCVCARBX*

Mounts Raceceiver inside car; will not mount Truscan.

OIL & LUBRICANTS

DRIVEN TO WIN RACING OIL®

XP2 Synthetic Racing Oil
JGP00206

Joe Gibbs Racing XP2 Racing Oil is engineered for high-RPM racing engines with bearing clearances under .002", oil has a viscosity typical of SAE 0W-20. Not API certified. 1-quart bottle.

XP7 Semi-Synthetic Racing Oil
JGP01706

Combines the performance of XP3 with the economical price of XP5. Viscosity is typical of SAE 15W-40. Not API certified. 1-quart bottle.

Power Steering Fluid *JGP01306*

A full-synthetic formula with exceptional high-temperature foam resistance. Ideal for gear box. Sold in a 1-quart bottle.

Race Wax *JGP50060*

Race Wax leaves a smooth, glossy finish that helps shed tire rubber and dirt. Works well with wraps and fiberglass bodies without damaging the decals, paint, or windows. 24-oz. bottle.

PENNGRADE® HIGH PERFORMANCE OIL

Partial Synthetic 10W30 High-Performance Oils
BPO71506

Offers exceptional film strength, superior sealing, and anti-wear protection. Multi-viscosity grades and synthetic components allow quicker engine warm-up and engine protection during competition. 1-quart bottle.

MAXIMA RACING OILS®

PSO 0WT Motor Oil *MAX39-03901S*

PSO is a 100% synthetic, ester-based full race-grade oil engineered to provide maximum horsepower without sacrificing the integrity of critical engine components. High zinc/phosphorous formula delivers reduced wear to bearings, camshafts, lifters, and crankshafts, while helping extend engine life. Sold in 1-quart bottles. Not recommended for street use.

RS Series Motor Oils

Full 100% synthetic triple ester race-grade oil incorporates an industry leading additive system that provides both maximum performance and increased protection. Advanced formula uses special anti-wear/extreme pressure additives to provide superior engine protection, even under extreme loads and peak temperatures. Sold in 1-quart bottles. Not recommended for street use.

Part No.	Description
MAX39-13901S	0W-10
MAX39-14901S	0W-20
MAX39-04901S	5W-20

Racing Shock Fluid *MAX59-58932LS*

RSF includes a synthetic polymer package that offers a very high viscosity index and extremely low pour point, providing consistent performance over a wide temperature range. Sold in 1-quart bottles.

Chain Wax *MAX74920S*

Parafilm formula sprays on as a liquid, penetrates and sets-up as a soft, waxy film, protecting the chain from the elements. High-performance lubricant is suited to X, Z, and O-ring chains, providing rust and corrosion protection. 13.5-oz. aerosol can.

Synthetic Chain Guard *MAX77920S*

Crystal clear, 100% synthetic formula penetrates inner pins and rollers, lubricating and providing protection from friction, shock load and high temperatures. Guards against rust and corrosion while resisting fling-off. Safe for X, Z, and O-ring chains. 14-oz. aerosol can.

Clean Up Chain Cleaner
MAX75920S

Thoroughly cleans chains without harming rubber O-rings or metal surfaces. Clean Up dissolves quickly and removes hard-to-clean build-up on chains. 15.5-oz. aerosol can.

Spark Plug Heat Range/Cross Reference

Thread Size/Reach	Hex	Heat Range	Standard Non-Resistor Spark Plugs: Autolite	Champion	E3	NGK	Power/Projected Tip Non-Resistor Spark Plugs: Accel	Autolite	Champion	E3	NGK
Chevrolet, Chrysler (Wedge), Oldsmobile, Pontiac - Standard Reach - Flat Seat with Gasket											
14mm/3/8"	13/16"	Hot	—	—	—	—	—	—	—	—	NGKR5670-5
			—	—	—	—	—	AUTAR73	—	—	NGKR5670-6
			AUT353	CHPJ4C	—	NGKB7S	—	AUTAR72	—	—	NGKR5670-7
			—	—	—	NGKB8S	—	—	—	—	NGKR5670-8
		Cold	—	—	—	—	—	—	—	—	NGKR5670-9
Chevrolet (Big Block), Chrysler (Hemi) - Flat Seat with Gasket											
14mm/3/4"	5/8"	Hot	AUTAR3935	—	—	NGKR5671A-7	—	—	—	—	—
			AUTAR3934	—	E3PE3.103‡	NGKR5671A-8	—	AUTAR3911	CHPC61YC	—	NGKR5672A-8
			AUTAR3933†	CHPC59CX	E3PE3.102‡	NGKR5671A-9	—	AUTAR3910†	CHPC59YC	E3PE3.106‡	NGKR5672A-9
			AUTAR3932†	CHPC57CX	E3PE3.101‡	NGKR5671A-10	—	—	CHPC57YC	—	NGKR5672A-10
		Cold	AUTAR3931	—	—	NGKR5671A-11	—	—	—	—	—
Chevrolet (Big Block), Chrysler (Hemi) - Flat Seat with Gasket											
14mm/3/4"	13/16"	Hot	—	—	—	—	—	—	—	—	—
			AUTAR2593	—	—	—	—	—	—	—	—
			AUTAR2592	—	—	—	—	AUTAR53	—	—	—
			—	—	—	—	—	AUTAR52	—	—	—
			—	—	—	—	—	AUTAR51	—	—	—
			—	—	—	—	—	AUTAR50	—	—	—
		Cold	—	—	—	—	—	—	—	—	—
Chevrolet (Small Block), Ford (Small Block) - Conical/Tapered Seat											
14mm/.460"	5/8"	Hot	—	—	—	—	ACL0276S-4*	—	—	—	—
			—	—	—	NGKR5673-6	—	—	—	—	NGKR5674-6
			AUTAR135	—	—	NGKR5673-7	—	AUTAR13	—	—	NGKR5674-7
			AUTAR134	—	E3PE3.105‡	—	—	AUTAR12	—	—	NGKR5674-8
			AUTAR133	CHPV59C	—	NGKR5673-8	—	—	—	—	NGKR5674-9
			AUTAR132	—	—	NGKR5673-9	—	—	—	—	NGKR5674-10
		Cold	—	—	—	NGKR5673-10	—	—	—	—	—
Chevrolet (Big Block), Ford - Conical/Tapered Seat											
14mm/.708"	5/8"	Hot	—	—	—	—	—	—	CHPRS9YC	—	—
			—	—	—	—	—	AUTAR94	—	—	NGKR5724-8
			AUTAR474	CHPS59C	—	—	—	AUTAR93	CHPS59YC	E3PE3.109‡	NGKR5724-9
			AUTAR473	—	E3PE3.108‡	—	—	AUTAR92	—	—	NGKR5724-10
		Cold	AUTAR472	—	—	—	—	—	—	—	—
Ford (Windsor and Big Block) - Conical/Tapered Seat											
18mm/.460"	13/16"	Hot	—	—	—	—	—	AUTAR33	—	—	—
			—	—	—	—	—	AUTAR32	—	—	NGKAP8FS
		Cold	—	—	—	—	—	—	—	—	—

Important Note: Use cross reference chart as a guide only. Due to differences in design and material, plugs listed in cross reference are not exactly alike.
**** "Shorty" spark plug for added header clearance, sold in 4-pack. ‡ E3 DiamondFIRE fixed gap spark plugs cannot be adjusted.***
† Special Autolite Racing "X" style electrode spark plug that alleviates piston/spark plug clearance issues is also available; simply add "X" to end of part number.

TECH TIP

Spark Plug Diagnosis — Pictures Courtesy of Autolite

Normal | Fuel Fouled | Detonation | Oil Fouled

- **Determine the thread diameter, length (reach), and whether tapered or gasket (flat) seat.**
- **Select gap style.**
- **Select heat range.**
- **Adjust fuel mixture and spark advance timing for maximum performance.**
- **Inspect plugs and pistons for evidence of detonation, abnormal combustion, or excessive temperatures.**
- **Stay with the same plug type after final heat range selection unless major modifications have been made (increasing the horsepower or operating range).**

SPARK PLUG HEAT RANGE TECH

A spark plug's Heat Range, defined as the measure of how fast the tip of the plug dissipates combustion heat, can range from as low as 500°F to as high as 2,500°F. Manufacturers offer plugs in many heat ranges, from cold through medium hot, to very hot. It is imperative that the plug stay cool enough to prevent pre-ignition or electrode destruction, and still remain hot enough to burn off combustion deposits that form at the firing tip. A plug that is excessively cold or hot for the application in question will eventually cause the engine to misfire. When working with an engine that is stock or mildly modified, it is often best to use the plug recommended by the car manufacturer. However, if the compression ratio has been altered, a different heat range plug may be required. Many racers rely upon their engine builder for plug heat range recommendations. If a racer is unsure of the correct heat range to use, it is always recommended to "stay on the safe side" and use a colder plug. A switch in heat range can change the temperature of the spark plug tip by 70-120°F. If the plug selected is too cold, it will eventually foul and misfire, but it will not damage the engine. A plug which is too hot can cause pre-ignition and detonation, often resulting in a severely damaged engine.

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Sprint, Midget, and Mini Sprint Gear Pumps

These fuel pumps feature a durable forged aluminum housing, machined steel shafts, and precision lapped gears. The adjustable flange allows for easy rotation and alignment after the pump has been mounted.

Standard Pumps

Features ORB-08 inlet and outlet ports x4 additional ORB-06 inlet and outlet ports.

Part No.	Description
WAT250400	Standard 400 Sprint Fuel Pump
WAT250500	Standard 500 Sprint Fuel Pump

Ultra-Lite Pumps

Same legacy performance weighing in 1/2 pound lighter than Standard Sprint. Fully scalloped housings and rifle-bored shafts remove weight without sacrificing durability.

Part No.	Description
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WAT200050	Ultra-Lite 500 Sprint Fuel Pump

Double-Adjustable Fuel Pressure Regulator, Return Style, 2-Port AFS13214

Provides superior pressure control and flow, with two independent pressure adjustments, ORB-10 return port, and 1/8" NPT gauge port.

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Part No.	Description
AFS12331	ORB-10 Ports
AFS12332	ORB-12 Ports

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