



Max Oval Racing Camshafts

Howards Cams offers a line of camshafts engineered for exceptional power out of the turns and on the straightaways. Standard or lift rule hydraulic, mechanical, and roller camshafts for small block Chevys are available.

Part No.	Application	RPM Range	Dur. @ .050" Int./Exh.	Valve Lift Int./Exh. With 1.5 Rocker	Sep. Angle	Valve Lash Int./Exh.	Recommended Components	
							Lifters	Valve Springs
Hydraulic Camshafts								
HRC110091-06	Lift Rule	3000-6400	241°/241°	.410"/.410"	106°	.000"/.000"	HRC91111	HRC98214
HRC111241-12	Hyd. Cam	2400-6400	223°/231°	.450"/.450"	112°	.000"/.000"	HRC91111	HRC98214
HRC112681-12	Hyd. Cam	2800-6800	235°/237°	.480"/.488"	106°	.000"/.000"	HRC91111	HRC98214
HRC112691-06	Lift Rule	2500-6600	232°/232°	.450"/.450"	106°	.000"/.000"	HRC91111	HRC98214
HRC112711-06	Lift Rule	3500-6800	236°/242°	.390"/.410"	106°	.000"/.000"	HRC91111	HRC98214
Mechanical Camshafts								
HRC110812-06	Solid Cam	2500-6500	248°/252°	.535"/.540"	106°	.016"/.016"	HRC91115	HRC98212
HRC110822-06	Solid Cam	3000-7200	252°/260°	.540"/.560"	106°	.016"/.016"	HRC91115	HRC98212
HRC110922-06S*	Solid Cam	3000-7200	252°/260°	.540"/.560"	106°	.016"/.016"	HRC91115	HRC98212
HRC111752-06	Solid Cam	3000-6800	252°/261°	.525"/.525"	106°	.022"/.022"	HRC91115	HRC98212
HRC112662-06	Solid Cam	3000-7000	252°/264°	.545"/.555"	106°	.022"/.022"	HRC91115	HRC98212
Roller Camshafts								
HRC111163-06	Roller Cam	2800-6800	255°/262°	.600"/.620"	106°	.022"/.022"	HRC91117	HRC98441
HRC111133-06	Roller Cam	3400-7000	258°/268°	.600"/.600"	106°	.024"/.024"	HRC91117	HRC98441
HRC111123-06	Roller Cam	3800-7200	268°/276°	.645"/.645"	106°	.024"/.024"	HRC91117	HRC98441

* "S" at the end of the part number signifies a small base circle camshaft.

Racing Valve Springs

Engineered for racing use, springs are precisely coiled and undergo heat treating. 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



"The Original" Direct Lube Solid Lifters

Lifters have an EDM machined hole in the bottom of the lifter which delivers a constant flow of oil to the cam lobe for reduced lobe wear and added durability, particularly when higher valve spring pressures are employed. Sold in sets of 16.

Part No. Description
 HRC91118.....Chevy V-8
 HRC91218.....Ford 221-351W, 351C

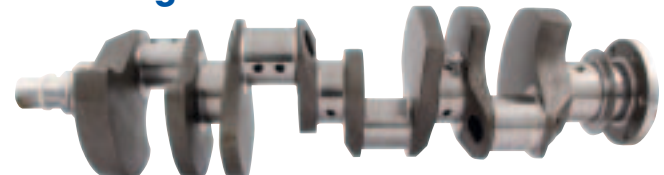


Small Block Chevy Ultimate Duty Billet Connecting Rods

American-made, true billet connecting rods are manufactured from certified 4340 steel and are fully CNC-machined. Rods, which are stress relieved and shot peened to eliminate the possibility of stress risers, are fitted with 7/16" ARP 2000 fasteners and bushed for fully floating wrist pins.

Part No.	Description	Journal	Length	Weight
HRCBR6000	SB Chevy Billet Rods	Large	6.000"	668 grams
HRCBR6125	SB Chevy Billet Rods	Large	6.125"	670 grams

Small Block Chevy Pro Series 4340 Forged Crankshafts



Top quality 4340 steel crankshafts are forged in the USA and machined by Callies Performance Products. Crankshafts have journals with .125" Tru-Form fillet radii and 1" dia. Angalite lightening holes in all rod throws. Callies' Perma-Tough surface hardens the units to a depth of .080". Main and rod journals have a roundness within 60 millionths and taper is held within .0003".

Part No.	Description	Main	Stroke	Rod Length
HRC353860	SB Chevy Crankshaft	350	3.875"	6.000"
HRC354060	SB Chevy Crankshaft	350	4.000"	6.000"
HRC404262	SB Chevy Crankshaft	400	4.250"	6.000"



Joe Rokos

Photo By: John Berglund

Small 5x5 Hub Kits

The standard hubs for short track racing, they minimize heat transfer from the rotor to the bearings. Aluminum hubs are recommended anywhere they are allowed, except for the right front on cars weighing over 3,000 lbs. Hub kits are available in several versions.

Small 5x5 Hub Kits Less Dust Cover

Hubs are offered separately with races and coarse thread studs only, or in kit form, complete with wheel bearings, grease seal, spindle nut, lug nuts, rotor fasteners and necessary hardware. Dust cover NOT included. Offered in 8-bolt versions only.



Description	Hub Only Part No.	Hub and Kit Part No.
Aluminum 5x5 Hub Kit	HOW36558	HOW205100
Steel 5x5 Hub Kit	HOW36568	HOW205300

Small 5x5 Hub Kits With Dust Cover

Complete kits include hub, wheel bearings, races, grease seal, spindle nut, coarse thread drive studs, lug nuts, rotor fasteners, dust cover and necessary hardware.

Description	Front Hub Kit Part No.	Rear Hub Kit Part No.
Aluminum 5x5 Hub Kit	HOW205198	HOW205298
Steel 5x5 Hub Kit	HOW205118	HOW205218

Note: Aluminum 5x5 hubs should not be used on the right front on asphalt tracks with more than 25° of banking. Steel hubs should be used.

Small 5x5 Hub Replacement Parts

Part No.	Description
HOW20539	Aluminum Front Dust Cover
HOW20540	Countersunk Screw For Dust Cover
HOW20549	Rear Drive Flange
HOW205495	O-Ring For Rear Drive Flange Cover
HOW20550	Gasket For 5x5 Hubs
HOW20551	3/8" Screw For Drive Flange
HOW21250	Snap Ring
HOW21255	Hub Seal, All Except Magnesium W5



5 x 5 Drive Flange

HOW205496

Drive flange, designed for 5 x 5 applications, is manufactured using a steel spline and aluminum cap.



Cast Spindles

Ideal when class rules prohibit tubular steel spindles. Rigid, 4140 steel spindles include a tapered hole for tie rod ends, but may be drilled for use with 5/8" heim. Accepts Howe caliper brackets (HOW339L or HOW339R) and 1974-81 Chevy C10 or 1970-73 Impala hubs.

Part No.	Description
HOW344GN	Right Spindle
HOW344GNL	Left Spindle



Upper A-Frame Mounts

Mounts weld to chassis and eliminate the use of shims on upper control arms. Loosen jam nut and turn adjuster screw to change caster and camber. Sold individually.

Part No.	Description
HOW22688	Upper A-Frame Mounting Block
HOW2286	Upper A-Frame Mounting Hardware



Blue Max Precision Upper A-Frames

Blue Max Upper A-frames feature a sealed, dual-row ball bearing for full, bind-free movement, even under severe braking. Cross shafts are easily removed



or replaced, and are for use with tower mounts. Reinforced ball joint mounting ring adds rigidity, preventing flex and distortion. A-frames are available with a 0°, 7° or 12° angle, and are offered in aluminum with holes, or steel with slot and key, or holes cross shaft.

Length	7° A-Frame Aluminum Shaft/Holes Part No.	0° A-Frame Steel Shaft/Slot Part No.	7° A-Frame Steel Shaft/Slot Part No.	7° A-Frame Steel Shaft/Holes Part No.	12° A-Frame Steel Shaft/Holes Part No.
7.5"	HOW2203007	-	-	-	-
8.25"	HOW2203307	-	HOW2213307	-	HOW2213312H
8.5"	HOW2203407	-	HOW2213407	-	-
8.75"	HOW2203507	-	HOW2213507	-	-
9"	HOW2203607	HOW2213600	HOW2213607	-	-
9.25"	HOW2203707	-	HOW2213707	-	-
9.5"	HOW2203807	-	HOW2213807	-	-
9.75"	HOW2203907	-	-	-	-
10"	HOW2204007	HOW2214000	HOW2214007	-	-
11.25"	-	-	-	HOW2214507H	-

Precision Lower A-Frame Bushings

Howe bushings eliminate the bind commonly associated with OEM rubber units, providing reduced friction and increased durability. One-piece design bearings are easily installed and may be lubricated without disassembly. Offered for popular lower A-frames, bushings are sold in pairs. Specially-channeled grease bolts, sold each, may be purchased separately to further reduce friction.



Application	Bushings Part No.	Bolt Part No.
1970-81 Camaro/Firebird	HOW22915	HOW2294
Ford on Impala Frame	HOW22920	HOW2294
1966-72 GM "A" Body/1965-70 Catalina/1969-72 Grand Prix, Small Round And Oval Bushings	HOW22900	HOW2296
1967-72 GM "A" Body/1968-74 Nova/1967-70 Camaro/1967-69 Firebird/1970-72 Monte Carlo, Small Round And Large Round Bushings	HOW22901	HOW2296
1978-87 GM "A"/"G" Body Metric Chassis	HOW22925	HOW2296

Note: 1967-72 GM "A" body (Chevelle/Skylark/Cutlass/Lemans) used two different style lower A-frames. One model used small round and oval bushings, while another used small round and large round bushings. Inspect A-frames for specific requirements prior to ordering.

Solid Rod End HOW22943

Straight, solid 3/4" rod end is used on lower control arms.



Press-In To Threaded Ball Joint Adapter HOW22411

Adapter allows installing screw-in style ball joints in press-in applications including HOW22410, HOW22412 and HOW22412S.



Sockets For Screw-In Ball Joints

Steel sockets accept screw-in upper and lower ball joints.

Part No.	Description
HOW2152	Upper Ball Joint Socket
HOW2153	Lower Ball Joint Socket



Ball Joint Spreader Tool HOW2154

Place the tool between the upper and lower ball joint studs with the nut removed from the ball joint to be serviced, then turn the tool to release the joint from the spindle.





Precision Ball Joints

The precision of spherical bearings with the misalignment characteristics of standard ball joints. Process-coated, low friction steel ball studs and rugged steel housings contribute to reduced steering effort and smoother suspension travel. All ball joints listed are rebuildable and adjustable. Available "XD" Extreme Duty ball joints use a mil-spec alloy housing that is 300% stronger than OEM housings. Available for selected applications, "XD" ball joints add an "X" suffix to the part number. Ball joints are also offered in .500" long versions that simply add an "V" suffix to the part number. Selected ball joints are available with a steel cap to meet NASCAR Nextel Cup, Grand National and IMCA rules and include an "S" suffix added to the part number.

Style/Make	Stock Application	Racing Application	Moog Part No.	Ball Joint Part No.	Rep. Stud Part No.
Upper Ball Joints					
4-Bolt/Chevy	1963-71 Chevy/GMC Truck	Howe/Rayburn/AFCO/Port City	MOGK6024	HOW22300	HOW22330
4-Bolt/Chevy	1971-94 Impala/ 1970-81 Camaro/1973-88 Monte Carlo	Street Stock/Modified/Sportsman	MOGK5208	HOW22302	HOW22360
4-Bolt/Chevy Metric	1973-95 Chevy Blazer/GMC Truck	IMCA Modified/Street Stock	MOGK6136	HOW22301	HOW22350
Screw-In/Chrysler	1965-89 Chrysler/Dodge/Plymouth	Howe/AFCO/Port City	MOGK772	HOW22320	HOW22330
				HOW22320X	HOW22330
				HOW22320S	HOW22330
				HOW22320V	HOW22335
Lower Ball Joints					
Screw-In/Chevy	1971-76 Impala	Howe/Rayburn/Port City	MOGK6141	HOW22410	HOW22430
				HOW22410X	HOW22430
				HOW22410V	HOW22435
Press-In/Chevy	1971-76 Impala	Howe/Rayburn/GRT/Port City	MOGK6141	HOW22413	HOW22430
Press-In/Chevy	1971-95 Chevy/GMC Truck	IMCA Modified/Street Stock	-	HOW22419	HOW22460
Press-In/ Chevy Metric	1977-89 Impala/ 1970-81 Camaro/1973-88 Malibu	Mini Stock/Street Stock	MOGK6145T	HOW22420	HOW22470
Press-In/Chevy	1964-72 Chevelle/1967-69 Camaro	IMCA Modified	MOGK5103	HOW22421	HOW22480
Press-In/Chevy/Ford	1974-78 Mustang II Spindle With 1964-72 GM A-Frame	IMCA Modified GM "A" Body Frame	Hybrid MOGK8209/K5103	HOW22414	HOW224140
Press-In/Chrysler	1970-92 Dodge Truck	Off-Road Trucks	MOGK7025	HOW22422	-
Screw-In/Chrysler	1976-80 Volare/ 1973-76 Charger/1975-78 Fury	Modified	MOGK719	HOW22418	HOW22451
Screw-In/Chrysler	1960-66 Chrysler Imperial	Large Taper LM/All Strut Cars	MOGK727	HOW22412	HOW22440
				HOW22412X	HOW22440
				HOW22412S	HOW22440
				HOW22412V	HOW22445
Compact/Screw-In Chrysler	1960-66 Impala Lower Stud With 1965-89 Chrysler Upper Housing	GN/Cup Cars With Small Housing Lower A-Frames	Hybrid MOGK727/K772	HOW22412SB	HOW22440SB

Notes: "S" at end of part no. indicates ball joints including a steel cap to meet NASCAR Nextel Cap, Grand National and IMCA rules. "X" at end of part no. indicates "XD" Extreme Duty ball joints. "V" at end of part no. indicates +.500" long ball stud.

Precision Replacement Ball Studs

Ball Joint Part No.	Std. Stud Part No.	+.100" Stud Part No.	+.200" Stud Part No.	+.300" Stud Part No.	+.400" Stud Part No.	+.500" Stud Part No.	+.750" Stud Part No.	1.0" Stud Part No.
Upper Replacement Ball Studs								
HOW22300	HOW22330	HOW22331	HOW22332	HOW22333	HOW22334	HOW22335	HOW22337S	HOW223310
HOW22320	HOW22330	HOW22331	HOW22332	HOW22333	HOW22334	HOW22335	HOW22337S	HOW223310
Lower Replacement Ball Studs								
HOW22410	HOW22430	HOW22431	HOW22432	HOW22433	HOW22434	HOW22435	-	HOW224310
HOW22412	HOW22440	HOW22441	HOW22442	HOW22443	HOW22444	HOW22445	-	-
HOW22412SB	HOW22440SB	-	-	-	-	HOW22445SB	-	-
HOW22413	HOW22430	HOW22431	HOW22432	HOW22433	HOW22434	HOW22435	-	-
HOW22414	HOW224140	-	-	-	-	HOW224145	-	-

Note: Ball joints including a steel cap use the same stud as standard ball joints. For example: HOW22412S uses a HOW22440 standard length stud.



Precision Ball Joint Boot HOW22399

Universal fit ball joint boot fits all upper and lower precision ball joints.



Ball Joint Inspection Gauges

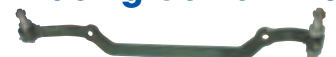
Slide the proper billet aluminum gauge over the ball joint stud to quickly check for straightness; if the gauge can be seated on the joint shoulder, the stud is straight. If gauge will not seat, the stud is bent and should be replaced.



Part No.	Description
HOW22500.....	Inspection Gauge "A", Howe HOW22412/22412S, Large Taper LM Ball Joints
HOW22501.....	Inspection Gauge "B", Howe HOW22410/22413, Moog 6141 Ball Joints
HOW22502.....	Inspection Gauge "C", Howe HOW22320/22320S/22300 Ball Joints
HOW22503.....	Inspection Gauge "D", Stock Screw-In, Moog K727
HOW22504.....	Inspection Gauge "E", Stock Screw-In, Moog K772 Stock 4-Bolt, Moog K6024

Stock Replacement Racing Centerlinks

Heavy duty, direct replacement centerlinks have dropped centers for improved engine clearance and provisions for easy bump steer adjustment. Units do not have rod ends and maintain NASCAR legality. Centerlinks listed directly replace TRW centerlinks.



Part No.	Description
HOW223380.....	1977-96 Impala/Caprice; 1985-90 Riviera; 1977-85 Delta 88; 1977-81 Bonneville, Replaces TRWDS899
HOW223396.....	1970-73 Camaro, Manual, Replaces TRWDS830
HOW223397.....	1968-72 Chevelle/Cutlass/Monte Carlo/LeMans, Replaces TRWDS749
HOW2233973*	1968-72 Chevelle/Cutlass/Monte Carlo/Lemans, For Corrected Bump Steer On Applications Using Pinto Spindles
HOW223399.....	1978-87 Monte Carlo/Regal/Gran Prix/Cutlass, Replaces TRWDS909

Related Components

HOW223393.....	Centerlink Shim, .035"
HOW223394.....	Centerlink Shim, .062"
HOW22349.....	Billet Steel Pitman Arm, P.S., Use Howe Centerlink And HOW2342 Idler Arm

* Engineered for use with the HOW2345 Pitman arm and HOW23428 idler arm.

Billet Pitman Arms **NEW!**

Directly replaces the OEM 1970-80 GM Pitman arm that is no longer available. Billet steel arms are pre-bent to the proper Ackerman and bump steer when used with the Howe center link and idler arm.



HOW2345

Part No.	Application	Length	Offset	Taper
HOW2345*	Chevelle Mod	5"	0"	1.5"
HOW2349	1970-81 Camaro	5"	0.5"	1.5"
HOW23475	Impala	4.5"	1.5"	1.5"

* Engineered for use with the HOW233973 center link and HOW23428 idler arm.

Billet Idler Arms **NEW!**

Billet steel idler arms are significantly stronger than OEM units, while also offering the added benefit of height adjustment for bump steer. May be rebuilt.



HOW23421

Part No.	Application	Length	Offset	Taper
HOW23421	Camaro	6.0"	0"	1.5"
HOW23428*	Chevelle	4.50"	0"	1.5"
HOW23431	Impala	5.375"	1.25"	1.5"
HOW23432	Small Metric	6.25"	1.125"	1.5"

* Engineered for use with the HOW233973 center link and HOW2345 Pitman arm.

Idler Arm Spacers **HOW32165 NEW!**

Required for height adjustments when using the HOW23428 idler arm.



Precision Tie Rod Ends

Low friction, alloy steel balls offer smooth travel, superior strength and misalignment qualities. Replacement, +.500" long studs are also available for selected tie rod ends.



Description	Complete Part No.	Moog Equivalent Part No.	Replacement +.500" Stud Part No.
RH 3/4"-16 Thread, 1986-96 Dodge 4x4	HOW23240	MOGES2847RT	HOW23295
LH 3/4"-16 Thread, 1986-96 Dodge 4x4	HOW23250	MOGES2847LT	HOW23295
LH 5/8"-18 Thread, 1965-68 Impala/Caprice	HOW23270	MOGES370R	-
RH 5/8"-18 Thread, 1965-68 Impala/Caprice	HOW23280	-	-

Quick Bump Tie Rod Ends

Tie rod ends offer all of the advantages of Howe's precision tie rod ends plus easy bump steer adjustments. Alloy steel ball studs offer 8° more misalignment than Heim ends and have 5/8"-18 RH threads to screw directly into a rack or a spindle. Hold in position with a jam nut, and use a 3/8" Allen wrench to adjust bump steer.



Description	Complete Part No.	Housing Only Part No.	Stud Only Part No.
5/8"-18 LH Thread, 1.50" Stud, Rack End	HOW23285	HOW23247	HOW23297
5/8"-18 RH Thread, 3.00" Stud, Spindle End	HOW23286	-	HOW23298

Bump Steer Spacer Kit **HOWR366**

Ideal for IMCA/UMP Modifieds using Chevelle stubs, kit includes an assortment of spacers to correct bump steer.



Shouldered Quick Bump Stud **NEW!**

Special stud, designed for use with the stock steering at the spindle, allows a spacer to be used over the stud to make it stronger when extended.

Part No.	Description
HOW23283.....	Complete LH
HOW23284.....	Complete RH
HOW23296.....	Stud Only



HOW23283

Stealth HD 2:1 Steering Quickener **HOW522B2**

Uses a multiple gear with increased tooth contact area to dramatically improve durability and performance. Compact, lightweight quickener is 2-3/4" in diameter, weighs 2 lbs. and has .735" - 36-splines. An in-line input and output reduce friction and gear load. Unit includes 3/4" - 36 manual Chevy spline and may be used with Sweet Mfg. (SWE301-30120) splined coupler and (SWE401-50612) U-joint.



Basic Steering Quickener

A durable, yet inexpensive small housing quickener weighing only 2.0 lbs. with alloy steel gears and unique tooth design making it tough. Consisting of a .735" - 36 spline with a housing diameter of 2-5/8"

Part No.	Description
HOW5224.....	2:1
HOW5225.....	1.5:1



Clamp-On Column Mounts

Lightweight aluminum (1.2 lbs.) steering column mount clamps to tubing and accepts 3/4" steering shaft.

Part No.	Description
HOW91997.....	Fits 1.75" Tubing
HOW91998.....	Fits 1.50" Tubing



Easy Adjusters

Adjusters fit any car and may be adjusted with a 3/8" drive wrench. Choice of original or new style, either may be used on sway bars up to 1-3/8" dia.

Original Style Sway Bar Adjuster

Slide it in and weld the threaded bushing in place.

Part No.	Description
HOW23997.....	Original Style Howe Sway Bar Adjuster
HOW24097.....	Replacement Bolt And Eye Assembly



New Style Sway Bar Adjuster **HOW23990**

Compatible with most chassis, adjuster bolts on the right side of the frame. Sway bar rate is set by moving the adjuster ahead and back.



Sway Bar Eyes

Sway bar eyes are offered in two versions.

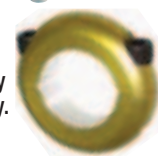
Part No.	Description
HOW2397.....	Sway Bar Eye For 1" Or 1-1/4" Dia. Sway Bars
HOW23972.....	Sway Bar Eye For 1-3/8" Or 1-1/2" Dia. Sway Bars



Sway Bar Clamps

Billet aluminum sway bar clamps prevent changes in rate and pre-load. Install on the inside of each sway bar mounting bolt to prevent shifting. Sold individually.

Part No.	Description
HOW23700.....	1-1/8" I.D.
HOW23704.....	1-1/4" I.D.
HOW23705.....	1-3/8" I.D.
HOW23702.....	1-1/2" I.D.





Threaded Aluminum Hex Tubing

Extruded, 5/8" or 3/4" O.D. threaded aluminum hex tubes are grooved on one flat to allow counting of the turns needed for adjustments.

Length	5/8" Hex Tube	3/4" Hex Tube
10"	HOWR3310	-
11"	HOWR3311	-
12"	HOWR3312	-
13"	HOWR3313	-
14"	HOWR3314	-
15"	HOWR3315	-
16"	HOWR33116	HOW30616
17"	HOWR33117	HOW30617
18"	HOWR33118	HOW30618
19"	-	HOW30619
20"	-	HOW30620
21"	-	HOW30621
22"	-	HOW30622
23-3/4"	-	HOW30623
24"	-	HOW30624
25"	-	HOW30625
26"	-	HOW30626



Rubber Suspension Bushings

Use in place of rod ends to cushion suspension forces or to induce rear steer. Bushings are 2.4" wide with a 3/4" hole.

Part No.	Description
HOW31865R.....	3/4"-16 RH, Straight
HOW31865L.....	3/4"-16 LH, Straight



Coil Over Eliminators

Bronze Bushing Sliders

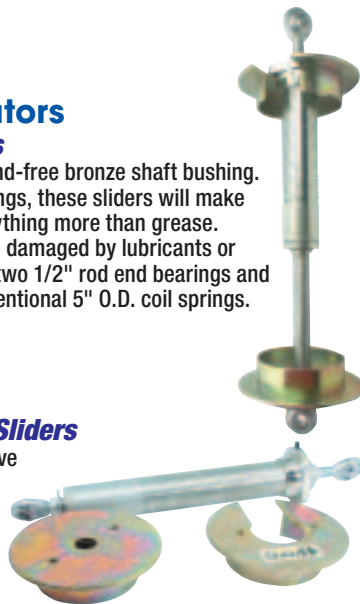
Howe Spring Slider uses a bind-free bronze shaft bushing. Unlike sliders with nylon bushings, these sliders will make a lot of laps before needing anything more than grease. The bronze bushings cannot be damaged by lubricants or anti-seize. The slider includes two 1/2" rod end bearings and spring cups. For use with conventional 5" O.D. coil springs.

Part No.	Description
HOW30221.....	11" C/O Eliminator
HOW30223.....	13" C/O Eliminator
HOW30224.....	14" C/O Eliminator

Linear Bearing Spring Sliders

Low friction spring sliders have linear bearings in place of bronze bushings and accept 5" diameter springs. Available in 13" and 14" lengths with 1/2" rod ends.

Part No.	Description
HOW30253.....	13" Spring Slider
HOW30254.....	14" Spring Slider



Coil-Over Racing Spring Rubbers

Make quick, precise rate changes to any 2-1/2", 5" or 5-1/2" diameter springs. Made of polyurethane in three hardnesses.

Description	2-1/2" Dia.	5"/5-1/2" Dia. (Up to 850#)
	Part No.	Part No.
Soft Spring Rubber	HOWSA4310	HOWSA1310
Medium Spring Rubber	HOWSA4915	-
Hard Spring Rubber	HOWSA5720	HOWSA1620



5" Coil-Over Adapter HOW30203

Recent rule changes in modified classes permit use of 5" coil springs. With this new adapter, existing 2-1/2" coil-over hardware from AFCO, Bilstein, QA1 or Pro Shocks can be used with the larger spring. Powder coated adapter is very strong and light; a pair weighs just 1.3 lbs. Sold individually; two required per spring.



Lightweight Steel Panhard Mounts

Strong, lightweight steel mounts have threaded holes on each side for quick, easy Panhard changes. Black anodized mounts fit 1-1/2" or 2" square or rectangular tubing and weigh just over 2 lbs. Bolts are included. IMCA legal.

Part No.	Description
HOW30781.....	Panhard Mount, 2" x 2"
HOW30782.....	Panhard Mount, 1-1/2" x 1-1/2"



Cast Steel Panhard Mount HOW30780

Mount clamps to 1-3/4" tubing. Light as aluminum, but legal where aluminum is not allowed.



Cast Steel Clamp-On Trailing Arm Mount HOW31991

Cast steel, two-piece mount has 50% more clamping power than aluminum mounts. Trailing arm holes are threaded 3/4"-10 and the shock mounts are 1/2"-13.

Part No.	Description
HOW30391.....	Lower Spring Cup, Fits 5" or 5-1/2" O.D.



Tapered 3rd Link Spacer Kit HOW32164

A set of four different aluminum spacers that may be arranged to create 16 different configurations. For all standard width quick change mounts and most chassis. Includes two 1.875" cone spacers, two 1.00" cone spacers, one 1.00" straight spacer, one 1.25" straight spacer and instructions for tuning.



Steel Bird Cages *NEW!*

Developed with the input of dirt modified racers, steel bird cages, which incorporate inner bearings to keep weight at a minimum, are available to fit a wide variety of chassis. The Basic unit weighs just 4.85 lbs. and is made for use with suspension systems that include a separate shock mount on the swing arm or axle. Standard bird cage, which weighs 10.96 lbs., features an integral and adjustable shock mount. The Lock Down style, which weighs 15.38 lbs., allows locking the shock mount and bird cage, or just the shock mount. Optional high travel shock mount may be used with the Standard or Lock Down bird cage.

Part No.	Description
HOW31984.....	Basic Bird Cage
HOW31999.....	Standard Bird Cage
HOW31992.....	Lock Down Bird Cage
HOWC0393.....	Optional High Travel Shock Mount



HOW31999



Stock Replacement Hub **NEW!**

Sure to be popular on Modifieds, durable two-piece cast 5 x 5 hub directly replaces the OEM Granada hub and rotor assembly that fits the popular Pinto spindle. Significantly stronger than the OEM hub and weighing just 10.87 lbs., two-piece design allows using virtually any popular 8-bolt racing rotor.

Part No.	Description
HOW205350.....	Hub Assembly
HOW205345.....	Hub Only
HOW20567.....	Bearing Kit
ALL72126.....	Standard Hub Seal Only



HOW205345
Rotor Sold Separately

GM Metric Single Piston Calipers

Howe's GM Metric calipers are lighter with improved cooling. The fluid port and the bleeder have been machined to 1/8" NPT so calipers can be mounted on the right or left. Calipers are compatible with 1" or 1-1/4" width rotors and available with 2.625" or 2.75" dia. pistons. The stock casting numbers have been left intact and calipers have no brand name.

Part No.	Description
HOW3368.....	GM Metric Caliper, 2.75" Piston
HOW3369.....	GM Metric Caliper, 2.625" Piston



Pinto/Mustang II Caliper Mounts **NEW!**

Typically used with the HOW205340 hub, Heavy duty, billet steel mounts fit the popular 1974-80 Pinto/1974-78 Mustang II spindle and accept GM D52 or Metric calipers with an 11-3/4" racing brake rotor.

Part No.	Description
HOW34052.....	GM D52 Caliper Mount
HOW34055.....	GM Metric Caliper Mount



HOW34052

GM D52 Single Piston Calipers

Steel calipers replace GM D52 single piston calipers. Choice of no-name or cast with the Howe name, in two piston sizes.

Description	Caliper Part No.	No Name Caliper Part No.	O-Ring Kit	Dust Boot Kit (4)
Single Piston Caliper, 2.937"	HOW3337	HOW33370	HOW33376	HOW33377
Single Piston Caliper, 2.625"	HOW33658	HOW33705	HOW33761	HOW33771



Aluminum GM Double Piston Calipers

Aluminum, GM type dual piston calipers provide maximum braking. Caliper applies even pressure to the pads, preventing uneven pad wear. Use with 1.25" thickness rotors.

Description	Caliper Part No.	Piston Part No.	O-Ring Kit Part No.
Double Piston Caliper, 2.125"	HOW33701	HOW3366218	HOW33706
Double Piston Caliper, 1.875"	HOW33702	HOW3366178	HOW33707
Double Piston Caliper, 1.625"	HOW33703	-	HOW33708



GM Caliper Bolts

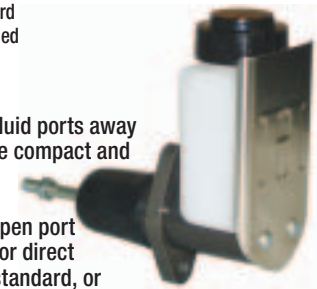
Bolts have a shoulder to take the place of the troublesome stock spacer. Standard or hardened bolts have 5/8" hex heads and are sold two per package.

Part No.	Description
HOW337B.....	GM Caliper Bolts (2), Standard
HOW337BH.....	GM Caliper Bolts (2), Hardened



G3 Master Cylinder

The innovative G3 uses relocated fluid ports away from the piston seal, allowing a more compact and lightweight master cylinder, while also extending seal life. Design also reduces brake pad drag due to the open port design. May be fitted with a remote or direct mount fluid reservoir. Choose from standard, or shielded cylinders, which offers protection from heat or rocks.



Description	Shielded Master Cylinder With Reservoir Part No.	Remote Master Cylinder Part No.	Master Cylinder Only Part No.	Seal Kit Part No.
3/4" Bore	HOW524412SK	HOW524512	HOW524312	HOW524312K
7/8" Bore	HOW524414SK	HOW524514	HOW524314	HOW524314K
1" Bore	HOW524416SK	HOW524516	HOW524316	HOW524316K

Replacement Components

Part No.	Description
HOW524350.....	Cap Only
HOW524351.....	Tank Only
HOW524352.....	Cap Gasket Only
HOW524354.....	Shield Only



Aluminum Original Style Master Cylinder Replacement Components

Howe offers a full selection of replacement components for the original style master cylinder.

Description	Rebuild Kit Part No.	Gasket Part No.	Lid Part No.
3/4" Bore Master Cylinder	HOW524-12K	HOW524G	HOW524L
7/8" Bore Master Cylinder	HOW524-14K	HOW524G	HOW524L
1" Bore Master Cylinder	HOW524-16K	HOW524G	HOW524L



Howard Hall



Tom Disterheft

Photo By: John Berglund



Hydraulic Throw Out Bearing For Racing Clutches

The lightest hydraulic throw out bearing currently available. Bearing is manufactured from billet aluminum and is compatible with most reduced diameter racing clutches including Quarter Master and Tilton. Will not work with a stock clutch or Ram coupler. Fully compressed, the unit is 2-3/8" thick and needs at least .060" working clearance. Weighs just 1.8 lbs.



Part No.	Description
HOW8288	Racing Throw Out Bearing
HOW82881	Replacement O-Ring Kit
HOW82882	Replacement Throwout Bearing

Hydraulic Throw Out Bearing For Stock Clutches

A much smaller bearing made to fit behind clutches with stock thickness. Kits include conical shims to fit the bearing to zero clearance.



Part No.	Description
HOW82870	Hydraulic Throw Out Bearing Kit, Saginaw/Muncie/B-W T-10/Jerico
HOW82876	Hydraulic Throw Out Bearing Kit, B-W T-5 (Except Ford versions)
HOW82871	Replacement O-Ring Kit For HOW82870, 2006 And Earlier Bearings
HOW828715	Replacement O-Ring Kit For HOW82870 New Style
HOW82872	Replacement Throw Out Bearing
HOW82873	Replacement Shim Kit For HOW82870
HOW82874	Replacement 5/16"-18 Stud

Hydraulic Throw Out Bearing Bleed Kits

Kit allows replacing the existing hydraulic throw out bearing bleeder so bearing can be bled from outside the bellhousing. Each kit includes all lines and fittings.



Part No.	Description
HOW8287	Remote Bleed Kit For HOW82870 Throw Out Bearing
HOW8289	Remote Bleed Kit For HOW8288 Racing Throw Out Bearing

Hydraulic Coupler Assembly HOW8290

Re-install the throw out bearing without losing fluid or re-bleeding.



Clutch Pedal HOW52992

Durable, yet lightweight cast aluminum clutch pedal assembly weighs just 1-1/4 lbs. and has a black finish.

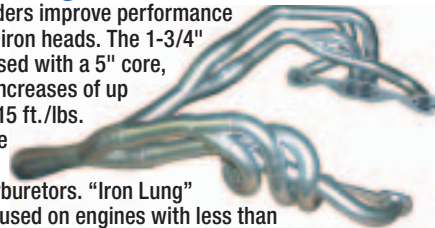


Photo By: Ryan Disterheft

Photo By: John Berglund

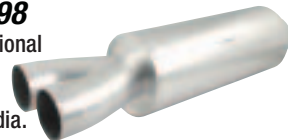
Chevy "Iron Lung" Headers HOWH8105

Merged 6 times, headers improve performance when using stock cast iron heads. The 1-3/4" primary tubes, when used with a 5" dia, 2 into 1 muffler, yield increases of up to 25 horsepower and 15 ft. /lbs. of torque, an advantage for cars with unported heads and/or 2BBL carburetors. "Iron Lung" headers should not be used on engines with less than 10:1 compression.



Merge Muffler HOWH3098

Lighter and more compact than traditional Y-pipe muffler combinations, Muffler uses two 3-1/2" dia. inlets that merge into the muffler core. Muffler has a 7" dia. case and 29" total length, with an inner core that gradually expands to a 5" dia. outlet.



2 Into 1 Mufflers

Available in different lengths to meet various sound limits. All straight-through mufflers have 7" cases and should be used with Howe Y-pipe.

Part No.	Description
HOWH3010	2 Into 1 Muffler, 10" Long
HOWH3015	2 Into 1 Muffler, 15" Long
HOWH3018	2 Into 1 Muffler, 18" Long

Related Exhaust Components	
HOWH10031	16" Long, 5" Dia. Pipe
HOWH2005	Short Turn Down, 8" Long
HOWH20051	Long Turn Down, 9-1/2" Long
HOWH2021	2 Into 1 (3.5" to 5") Y-Pipe
HOWH2022	2 Into 1 (3.0" to 5") Y-Pipe
HOWH2100	Elbow Kit, Two 3-1/2", 45° Elbows, 1 3-1/2", 20° Elbow
HOWH2108	Small 45° Elbow, 3-1/2" Dia.
HOWH2128	20° Elbow, 3-1/2" Dia.
HOWH3000	Replacement Muffler Packing



Muffler HOWH3002

3-1/2" x 30" round muffler has a 98 decibel rating.

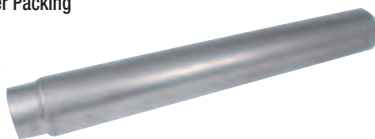


Photo By: Eric Martini



Photo By: Billy Eppink

Photo By: Steve Datema

Aluminum Crossflow Radiators

Highly efficient tube to fin bond delivers maximum heat transfer and dissipation. All aluminum radiators are 100% TIG welded and have no epoxy.

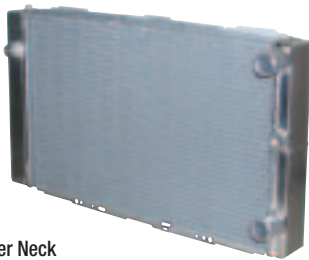


Part No.	Application	Height	Total Width	Core Width
HOW34224	Chevy	19"	23-3/4"	20"
HOW342A	Chevy	19"	26"	22-1/2"
HOW342A16	Chevy w/-16 Inlet	19"	26"	22-1/2"
HOW342A28	Chevy	19"	28"	24-1/2"
HOW342A28F	Ford	19"	28"	24-1/2"
HOW342A28FNF	Ford-No Filler	19"	28"	24-1/2"
HOW342A28NF	Chevy-No Filler	19"	28"	24-1/2"
HOW342AA	Chevy	16"	27-1/2"	24"
HOW342AAF	Ford	16"	27-1/2"	24"
HOW342AF	Ford	19"	26"	22-1/2"
HOW342ANF	Chevy-No Filler	19"	26"	22-1/2"
HOW342B	Chevy	19"	22"	18"
HOW342BF	Ford	19"	22"	18"
HOW342E	Chevy	19"	31"	27-1/2"
HOW342EF	Ford	19"	31"	27-1/2"

Aluminum Dual Pass Radiators

Dual pass radiators force the water across the core two times before exiting.

Part No.	Description
HOW34328RNF	19" x 28" With No Filler Neck
HOW34331RNF	19" x 31" With No Filler Neck



Aluminum Crossflow Radiator With Built-In Heat Exchanger

Heat exchanger warms cold oil and cools hot oil with less flow restriction. Installation is easy, with no water lines to run and no oil cooler to mount. Complete with 1/2" NPT bungs.



Part No.	Application	Height	Total Width	Core Width
HOW34127C	Chevy	19"	27"	22-1/2"
HOW34129C	Chevy	19"	29"	24-1/2"
HOW34132C	Chevy	19"	32"	27-1/2"
HOW34127F	Ford	19"	27"	22-1/2"
HOW34129F	Ford	19"	29"	24-1/2"
HOW34132F	Ford	19"	32"	27-1/2"

Strut Type Radiator Mount Kit HOW34203

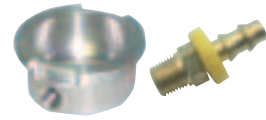
Kit includes (2) HOW342024 lower mounts and (1) HOW342025 aluminum upper clamp.



Billet Radiator Filler Neck

Aluminum filler neck has a thick, weldable base and sturdy cap retention ring. Threaded for 1/8" NPT to accept an overflow hose barb.

Part No.	Description
HOW34301	Billet Radiator Filler Neck
HOW3434	1/8" NPT Filler Overflow Fitting



Radiator Surge Tank HOW3424

Aluminum, horizontal surge tank for crowded engine bays is 4-3/8" tall x 6" wide with two 1/4" NPT fittings.



90° Radiator Outlets

Mandrel bent tube provides a smooth flow of coolant. May be trimmed to vary angle.

Part No.	Description
HOW3430	90° Bend, 1-1/2" Dia.
HOW3433	90° Bend, 1-3/4" Dia.

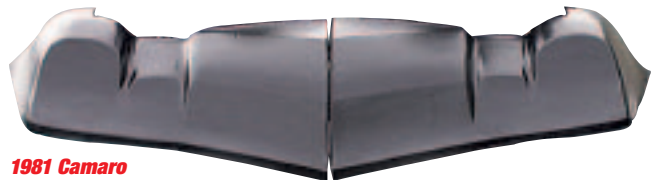


Carburetor Tote Box HOW8610

Durable polypropylene tote protects expensive carbs from dirt and the elements, whether in the pits or on the shelf. Fits 2 and 4 barrel Holley Carbs.

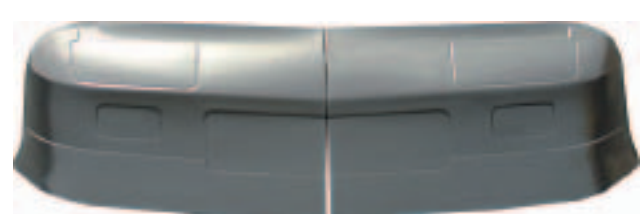


Nose Panels



Part No.	Description
HOWB72	1981 Camaro Nose Panel (Upper), Black
HOWB824	1981 Camaro Lower Spoiler, Black

"Two Tents" Nose Panel HOWC925B



"Two Tents" Nose Panel features a 1992 Outlaw Camaro design. Black only.



NEW VENDOR

5-Point Latch And Link Harness Assembly With Ratchet Adjust

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.

Part No.	Description
HRH51000.....	5-Pt. Harness System, Ratchet Adjust
HRH52000.....	5-Pt. Harness System, Upside Down Ratchet Adjust
HRH51100.....	5-Pt. Harness System, HANS Compatible, Ratchet Adjust
HRH52100.....	5-Pt. Harness System, HANS Compatible, Upside Down Ratchet Adjust



Compact ratchet adjuster



HRH51100



Pro Billet Super Speedway Shifter HUR491-0500

New, improved 4-speed shifter may be custom tailored to driver with a bolt-on aluminum or steel stick. Billet aluminum housing has CNC-machined billet steel selector pin and levers for maximum strength and reliability. Stainless steel fasteners are drilled for safety wire (safety wire not included). Stick must be purchased separately. Requires custom, fabricated linkages.

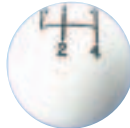


Chrome-Plated Steel Sticks

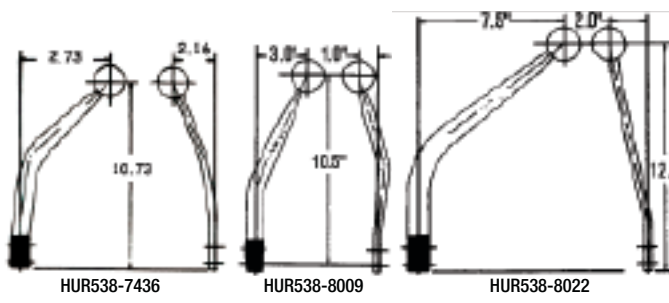
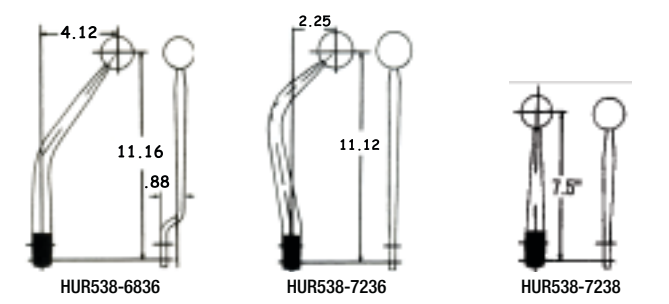
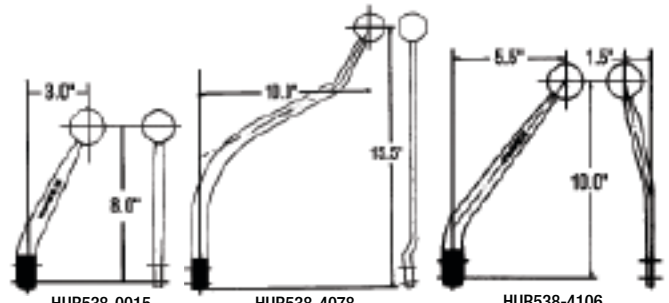
Hurst Chrome-Plated Steel Sticks are manufactured with famous Hurst quality. Embossed with the Hurst name, all steel sticks incorporate a 3/8"-16 thread for use with a variety of Hurst T-Handles and shifter knobs.

Shifter Knobs

Durable, high impact plastic knobs have a classic appearance. Knobs fit Hurst Chrome Steel Sticks with 3/8"-16 or 3/8"-24 threads and Hurst Aluminum Sticks with 7/16"-20 threads.



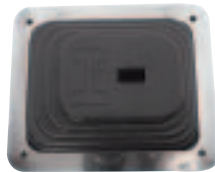
Description	White Part No.	Black Part No.
Classic 4-Speed, 3/8"-16	HUR163-0003	HUR163-0103
Classic 4-Speed, 3/8"-24	HUR163-0002	HUR163-0102
Std. 4-Speed, 3/8"-16	HUR163-7626	-
Quarter Stick, 7/16"-20	HUR163-1036	-



Shifter Boots

Chrome trim plate and mounting hardware are included with boots.

Part No.	Description
HUR114-4580	B-4 Boot and Plate, 3-1/2" x 4-1/2"
HUR114-7494	Super Boot and Plate, 7-3/4" x 8-3/4"
HUR114-8429	Indy Boot and Plate, 3-1/2" x 4-1/2"

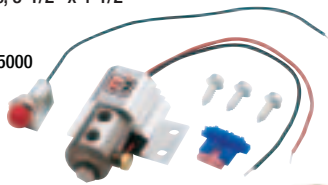


Roll Control

Often used for right front brake shut-off. System includes indicator light, in-line fuse holder, on/off remote button switch, and instructions. Installation kit includes assorted brass fittings.

Part No.	Description
HUR174-5000	Roll Control
HUR567-1510	Roll Control Installation Kit

HUR174-5000



HUR567-1510

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
Blue Powder Coated

Rate	4" Tall	7" Tall	8" Tall	10" Tall	12" Tall	14" Tall
110	-	-	-	HYPC010-110	HYPC012-110	HYPC014-110
125	-	-	-	HYPC010-125	HYPC012-125	HYPC014-125
150	-	-	-	HYPC010-150	HYPC012-150	HYPC014-150
160	-	-	-	-	-	HYPC014-160
175	-	-	-	HYPC010-175	HYPC012-175	HYPC014-175
185	-	-	-	-	HYPC012-185	HYPC014-185
200	-	-	HYPC08-200	HYPC010-200	HYPC012-200	HYPC014-200
225	-	-	HYPC08-225	HYPC010-225	HYPC012-225	HYPC014-225
250	-	-	HYPC08-250	HYPC010-250	HYPC012-250	HYPC014-250
275	-	-	HYPC08-275	HYPC010-275	HYPC012-275	HYPC014-275
300	-	-	HYPC08-300	HYPC010-300	HYPC012-300	HYPC014-300
325	-	-	HYPC08-325	HYPC010-325	HYPC012-325	HYPC014-325
350	HYPC04-350	HYPC07-350	HYPC08-350	HYPC010-350	HYPC012-350	HYPC014-350
375	-	-	HYPC08-375	HYPC010-375	HYPC012-375	HYPC014-375
400	HYPC04-400	HYPC07-400	HYPC08-400	HYPC010-400	HYPC012-400	HYPC014-400
425	-	-	HYPC08-425	HYPC010-425	HYPC012-425	-
450	HYPC04-450	HYPC07-450	HYPC08-450	HYPC010-450	HYPC012-450	HYPC014-450
475	-	-	HYPC08-475	HYPC010-475	HYPC012-475	-
500	HYPC04-500	HYPC07-500	HYPC08-500	HYPC010-500	HYPC012-500	HYPC014-500
550	-	-	HYPC08-550	HYPC010-550	HYPC012-550	-
600	HYPC04-600	HYPC07-600	HYPC08-600	HYPC010-600	HYPC012-600	-
650	-	-	HYPC08-650	HYPC010-650	HYPC012-650	-
700	-	HYPC07-700	HYPC08-700	HYPC010-700	HYPC012-700	-
750	-	-	HYPC08-750	-	HYPC012-750	-
800	-	-	HYPC08-800	HYPC010-800	HYPC012-800	-
850	-	-	HYPC08-850	-	HYPC012-850	-
1000	-	-	HYPC08-1000	-	-	-

2-1/2" I.D. Ultra High Travel Coil-Over Springs *NEW!*

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. Springs design offers a larger "body bulge" when compared to standard OBD (Optimum Body Diameter) designs, allowing increased deflection and resistance to bowing. Ideally suited to the requirements of light rate/high travel or soft spring/big bar coil-over applications. Blue powder coated springs are offered in 12", 14", 15" and 16" heights.

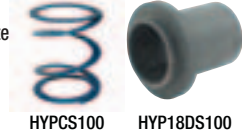


Rate	12" Tall	14" Tall	15" Tall	16" Tall
110	HYPUHT12-110	-	HYPUHT15-110	HYPUHT16-110
125	HYPUHT12-125	HYPUHT14-125	-	HYPUHT16-125
138	-	-	-	HYPUHT16-138
140	-	HYPUHT14-140	-	-
150	HYPUHT12-150	HYPUHT14-150	-	HYPUHT16-150
165	-	HYPUHT14-165	-	-
175	HYPUHT12-175	HYPUHT14-175	-	-
185	-	HYPUHT14-185	-	-
200	HYPUHT12-200	HYPUHT14-200	-	-
225	HYPUHT12-225	HYPUHT14-225	-	-
250	HYPUHT12-250	HYPUHT14-250	-	-
275	HYPUHT12-275	-	-	-

Take-Up Springs

Springs keep coil-overs properly indexed in platforms. Should be used with stacked spring divider HYP18DS100.

Part No.	Description
HYPCS1002-1/2" I.D. x 4" Free Length, 25 lb. Rate
HYPCS6002-1/2" I.D. x 6" Free Length
HYP18DS100Stacked Spring Divider, Couples 2-1/2" I.D. Take-Up Spring



Hydraulic Load-Centering Spring Perch

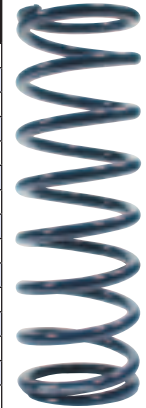
Perch corrects the uneven load characteristics of coil-over springs and centers spring forces on the shocks to reduce bending and internal friction. Perches fit on a 2-1/2" coil-over top and are used on dirt and pavement late models. Optional dirt cover extends perch life. Both are sold individually.



Part No.	Description
HYP12010Hydraulic Spring Perch, 2.5"
HYP12000Dirt Cover For Spring Perch

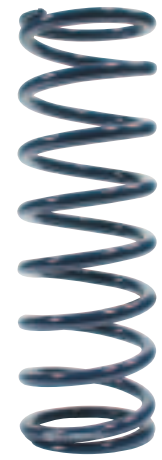
2-1/4" I.D. Coil-Over Springs
Blue Powder Coated

Rate	5" Tall	7" Tall	8" Tall
200	-	-	HYP188A0200
250	-	HYP187A0250	HYP188A0250
275	-	HYP187A0275	HYP188A0275
300	-	HYP187A0300	HYP188A0300
325	-	HYP187A0325	HYP188A0325
350	-	HYP187A0350	HYP188A0350
375	-	HYP187A0375	HYP188A0375
400	-	HYP187A0400	HYP188A0400
425	-	HYP187A0425	HYP188A0425
450	-	HYP187A0450	HYP188A0450
475	-	HYP187A0475	-
500	HYP185A0500	-	HYP188A0500
550	-	-	HYP188A0550
600	HYP185A0600	-	-
700	HYP185A0700	-	-
750	HYP185A0750	-	-
800	HYP185A0800	-	-



1-7/8" I.D. Coil-Over Springs
Blue Powder Coated

Rate	8" Tall	10" Tall
100	-	HYP1810D0100
112	-	HYP1810D0112
125	-	HYP1810D0125
137	-	HYP1810D0137
150	HYP188D0150	HYP1810D0150
162	-	HYP1810D0162
165	HYP188D0165	-
175	-	HYP1810D0175
185	-	HYP1810D0185
200	-	HYP1810D0200
225	-	HYP1810D0225
250	-	HYP1810D0250
275	-	HYP1810D0275
300	-	HYP1810D0300
325	-	HYP1810D0325
350	-	HYP1810D0350
375	-	HYP1810D0375
400	-	HYP1810D0400
425	-	HYP1810D0425
450	-	HYP1810D0450
500	-	HYP1810D0500



Conventional Coil Springs

Front Springs - Blue Powder Coated

Rate	5.0" O.D. 9.5" Tall J Prefix	5.5" O.D. 9.5" Tall K Prefix	5.5" O.D. 11" Tall QA Prefix	5.5" O.D. 12" Tall Q Prefix
300	HYPJ300	HYPK300	-	-
350	HYPJ350	HYPK350	-	-
400	HYPJ400	HYPK400	-	-
450	HYPJ450	HYPK450	-	-
475	HYPJ475	-	-	-
500	HYPJ500	HYPK500	-	-
525	HYPJ525	-	-	-
550	HYPJ550	HYPK550	-	-
575	HYPJ575	-	-	-
600	HYPJ600	HYPK600	-	-
625	HYPJ625	-	-	-
650	HYPJ650	HYPK650	-	-
700	HYPJ700	HYPK700	-	-
750	HYPJ750	HYPK750	-	-
800	HYPJ800	HYPK800	HYPQA800	HYPQ800
850	HYPJ850	HYPK850	-	-
900	HYPJ900	HYPK900	HYPQA900	HYPQ900
950	HYPJ950	HYPK950	-	-
1000	HYPJ1000	HYPK1000	HYPQA1000	HYPQ1000
1050	HYPJ1050	HYPK1050	-	-
1100	HYPJ1100	HYPK1100	HYPQA1100	HYPQ1100
1150	HYPJ1150	-	-	-
1200	-	HYPK1200	HYPQA1200	HYPQ1200
1250	HYPJ1250	-	-	-
1300	-	-	HYPQA1300	HYPQ1300
1320	-	HYPK1320	-	-
1400	-	-	-	HYPQ1400
1440	-	HYPK1440	-	-
1500	-	-	-	HYPQ1500



Progressive Pull Bar Springs

Springs are 5" O.D. x 7" tall.

Part No.	Rate
HYP600-1200.....	600/1,200
HYP900-1300.....	900/1,300

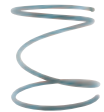


Linear Conventional Pull Bar Spring HYP1225PB

Spring is 5" O.D. x 6.625" free length.

Detroit Locker Spring HYPLOCKERSPRING

Directly replaces the stock spring in Ford 9" rear ends with Detroit Lockers.



Composite Leaf Springs



Aerospace epoxy matrix composite is 70% lighter than steel with quicker response, higher yield strength and better retention. Springs are molded to the exact shape to resist relaxing. Initial costs are greater, but composite springs will last five times longer than steel.

Part No.	Rate	Arch	Front Bolt Dia.	Rear Bolt Dia.
Chrysler Composite Leaf Springs				
HYP10244	35	4.5"	.625"	.500"
HYP10220	150	4.5"	.625"	.500"
HYP10230	175	4.5"	.625"	.500"
HYP10231	200	4.5"	.625"	.500"
HYP10240	225	4.5"	.625"	.500"
Chevy Camaro Composite Leaf Springs				
HYP11338	150	4.5"	.562"	.500"
HYP11340	175	4.5"	.562"	.500"
HYP11342	200	4.5"	.562"	.500"
HYP11344	225	4.5"	.562"	.500"
HYP11348	250	4.5"	.562"	.500"

Rear Springs - Blue Powder Coated - Flat Both Ends

Rate	5.0" O.D., 11" Tall M Prefix	5.0" O.D., 13" Tall L Prefix	5" O.D., 16" Tall SNU Prefix
100	-	HYPL100	-
125	HYPM125	HYPL125	HYPSNU-125
150	HYPM150	HYPL150	HYPSNU-150
165	-	HYPL165	-
175	HYPM175	HYPL175	HYPSNU-175
185	-	HYPL185	-
200	HYPM200	HYPL200	HYPSNU-200
225	HYPM225	HYPL225	HYPSNU-225
250	HYPM250	HYPL250	HYPSNU-250
275	HYPM275	HYPL275	-
300	HYPM300	HYPL300	-
325	HYPM325	HYPL325	-
350	HYPM350	HYPL350	-
375	HYPM375	HYPL375	-



Rear Pigtail Springs - Black Painted

Rate	Single Pigtail 5.5" O.D., 11" Tall R Prefix	Single Pigtail 5.5" O.D., 12" Tall S Prefix	Double Pigtail 7" O.D., 14" Tall SDP Prefix
150	-	HYPS150	-
175	HYP175	HYPS175	HYP18SDP-175
200	HYP200	HYPS200	HYP18SDP-200
225	HYP225	HYPS225	HYP18SDP-225
250	HYP250	HYPS250	HYP18SDP-250
275	HYP275	HYPS275	-
300	HYP300	HYPS300	HYP18SDP-300



Note: "R" and "S" springs have pigtail on one end and are flat on the other.

Conventional Coil Springs Reference

- 5" front springs fit 1964-72 Chevelle, 1967-69 Camaro and 1968-74 Nova
- 5-1/2" front springs fit 1973-up Chevelle, 1970-up Camaro, 1975-up Nova and most Fords
- 1-7/8" and 2-1/4" are also available on a special order basis... Call for details.



Zach Olger



Frank Marshall

Photos By: John Berglund

Tire Grooving Iron *IHK125*

The pistol grip is light and stays cool. 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



Vapor And Air Vapor

Aerodynamic, light composite helmet's “slippery” boundary layer keeps it stable at high speeds. Chin bar slots, adjustable forehead vents, crown and rear exhaust vents provide comfort. Air Vapor model includes a top mounted fresh air port. Helmets meet Snell SA2010 specifications and are offered in silver, white or black.



Vapor

Air Vapor

Size	Silver	White	Black
Vapor			
Medium	–	–	IMP12099410
Large	–	–	IMP12099510
X-Large	–	–	IMP12099610
Air Vapor			
Small	IMP16099308	IMP16099309	IMP16099310
Medium	IMP16099408	IMP16099409	IMP16099410
Large	IMP16099508	IMP16099509	IMP16099510
X-Large	IMP16099608	IMP16099609	IMP16099610

Super Sport And Super Sport Air

With wide eyeports and perfect fit and feel, the Super Sport features light-weight, hand laminated shell, slotted forehead vents and slick, “narrow aero” design. Super Sport Air models have top mounted fresh air ports. Helmets meet Snell SA2010 specifications and are offered in silver, white or black.



Super Sport

Super Sport Air

Size	Silver	White	Black
Super Sport			
Small	IMP17199308	IMP17199309	IMP17199310
Medium	IMP17199408	IMP17199409	IMP17199410
Large	IMP17199508	IMP17199509	IMP17199510
X-Large	IMP17199608	IMP17199609	IMP17199610
Super Sport Air			
Small	IMP17699308	–	IMP17699310
Medium	IMP17699408	–	IMP17699410
Large	IMP17699508	–	IMP17699510
X-Large	IMP17699608	–	IMP17699610

Champ

The Champ's radical chin bar covers the nose and mouth, acting as a breath deflector. Large eye port provides exceptional vision while, Gray Matter helmet liner, extended chin foil, adjustable forehead, crown and rear exhaust vents contribute to comfort. Meets Snell SA2010 specifications. Offered in silver, white or black.



Size	Silver	White	Black
Small	IMP13099308	IMP13099309	IMP13099310
Medium	IMP13099408	IMP13099409	IMP13099410
Large	IMP13099508	IMP13099509	IMP13099510
X-Large	IMP13099608	IMP13099609	IMP13099610

Draft And Air Draft

Ultra lightweight helmet has a “ripple effect” boundary layer and extended chin foil to aid aerodynamics. A variable density liner improves comfort. Air draft adds a top mounted fresh air port. Helmets meet Snell SA2010 specifications and are offered in silver only.



Draft

Air Draft

Size	Draft	Air Draft
Medium	IMP19299408	IMP19399408
Large	IMP19299508	IMP19399508
X-Large	IMP19299608	IMP19399608

Adult Helmet Sizing Chart: Draft, Vapor, Charger, Champ, Cyclone, S/S, Velocity, Nitro

Size:	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



Charger And Super Charger

A unique wrap-around eye port gives a wide angle view. The helmet has Gray Matter helmet liner for maximum comfort and safety. An adjustable chin bar and forehead, crown and rear vents offer comfort. The Super Charger has a top mounted fresh air port. Helmets meet Snell SA2010 specifications and are offered in silver, white or black.



Charger

Super Charger

Size	Silver	White	Black
Charger			
Small	IMP14099308	IMP14099309	IMP14099310
Medium	IMP14099408	IMP14099409	IMP14099410
Large	IMP14099508	IMP14099509	IMP14099510
X-Large	IMP14099608	IMP14099609	IMP14099610
Super Charger			
Small	—	—	IMP17099310
Medium	IMP17099408	IMP17099409	IMP17099410
Large	IMP17099508	IMP17099509	IMP17099510
X-Large	IMP17099608	IMP17099609	IMP17099610

Velocity

The Velocity provides maximum visibility and protection with a comfortable, Gray Matter helmet liner, flow-through visor vents and a full shell goggle strap centering detent. Meets Snell SA2010 specifications. Silver, white or black.



Size	Silver	White	Black
Medium	IMP15099408	IMP15099409	IMP15099410
Large	IMP15099508	IMP15099509	IMP15099510
X-Large	IMP15099608	IMP15099609	IMP15099610

Mini Vapor And Mini Champ

Designed for the continuously growing 5-10 year old racer. Lightweight, aerodynamic helmets have Quick Fit Inserts to provide room for growth all the way to an adult size. Gray Matter helmet liner eases fitting and re-fitting. Approved by QMA, WKA, and IKF. Offered in silver only.



Mini Vapor

Mini Champ

Part No.	Description
IMP11399308.....	Mini Vapor
IMP11499308.....	Mini Champ

Replacement Helmet Shields



Model	Clear	Light Smoke	Dark Smoke	Hi-Def. Amber	Iridium Yellow	Iridium Blue
Vapor/Charger/Draft	IMP12100901	IMP12100902	IMP12100903	IMP12100904	IMP12100905	IMP12100906
Champ/Nitro	IMP13100901	IMP13100902	IMP13100903	IMP13100904	IMP13100905	IMP13100906
Air Draft/ Super Sport/Spider	IMP19300901	IMP19300902	IMP19300903	IMP19300904	IMP19300905	IMP19300906
Mini Vapor	IMP11300901	IMP11300902	IMP11300903	—	—	—
Mini Champ	IMP11400901	IMP11400902	IMP11400903	—	—	—

Wizard

Thrifty, full face helmet is designed specifically for the entry level racer. Manufactured in the USA from a lightweight composite, the Wizard includes an extra wide eyeport for exceptional vision. Meets Snell SA2010 specifications. White or flat black.

Size	White	Flat Black
X-Small	IMP14599209	IMP14599212
Small	IMP14599309	IMP14599312
Medium	IMP14599409	IMP14599412
Large	IMP14599509	IMP14599512
X-Large	IMP14599609	IMP14599612



Helmet And Gear Bags

Black nylon bags bear the Impact Racing logo and are available in two sizes. Extra large Gear Bag is 27" long x 12" wide x 11" deep with adjustable shoulder straps.

Part No.	Description
IMP71000910.....	Helmet Bag
IMP72000910.....	Gear Bag



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.



Helmet Dryer IMP10000009

Specialized dryer utilizes a single speed, low amp fan that removes moisture from helmet, improving comfort and eliminating odor.



Breath Deflector IMP10000012

Fits in closed face helmets and helps prevent shield fogging.



Replacement Helmet Pivot Kit IMP10000000





The Sportsman *NEW!*

Lightweight and breathable single layer driving suit is manufactured using fire resistant Futura Nomex. The Sportsman uses a box quilted design and includes a wrap around collar with Velcro closure, lumbar back gussets, inset pant pockets and standard boot cut legs. Available in one- or two-piece, black only. Meets SFI 3-2A/1 specifications.

Medium	Large	X-Large	XX-Large
One-Piece			
IMP24201410	IMP24201510	IMP24201610	IMP24201710
Two-Piece, Jacket			
IMP22501410	IMP22501510	IMP22501610	IMP22501710
Two-Piece, Pants			
IMP23301410	IMP23301510	IMP23301610	IMP23301710

Team One

Semi-gloss, twill Nomex double layer one-piece suits deliver superior fire protection. Their 360° floating sleeves provide unrestricted arm movement, and complement the internal elastic waistband, inset pockets, forward pant seams, wrap-around collar, dual cuffs with an in-boot liner and over the boot pantlegs. Team One suits are available in blue, red or black. Each suit meets SFI 3-2A/5 specifications.



Color	Medium	Large	X-Large	XX-Large
Blue	IMP21000406	IMP21000506	IMP21000606	IMP21000706
Red	IMP21000407	IMP21000507	IMP21000607	IMP21000707
Black	IMP21000410	IMP21000510	IMP21000610	IMP21000710

The Racer

Impact offers one of the best values in American-made racing suits. The Racer is moderately priced and has maximum features. Features include soft, breathable, matte finish twill Nomex III® shell, impactMAX® knit liner, expandable knit lower back panel, wide shoulders, and inset pant pocket. Available in one- or two-piece, black only. Meets SFI 3-2A/5 Specifications.



Small	Medium	Large	X Large	XX Large
One-Piece				
IMP24200310	IMP24200410	IMP24200510	IMP24200610	IMP24200710
Two-Piece, Jacket				
IMP22500310	IMP22500410	IMP22500510	IMP22500610	IMP22500710
Two-Piece, Pants				
IMP23300310	IMP23300410	IMP23300510	IMP23300610	IMP23300710

G4 Racing Gloves

The G4 uses 3/4 finger seams for exceptional fit and feel. A wrap-around palm patch and split-knuckle guard offer added comfort. Offered in black only. Junior version JG4 is available in titanium only. Meet SFI 3.3/5 specifications.



Small	Medium	Large	X-Large
G4 Racing Gloves			
IMP34000310	IMP34000410	IMP34000510	IMP34000610
JG4 Junior Racing Gloves			
IMP38000311	IMP38000411	—	IMP38000611

M/T And H/T Racing Shoes

Offered in M/T (Mid Top) and H/T (High Top) versions, Impact Racing Shoes deliver unsurpassed comfort and support with plush knit, fire resistant interior and a velour suede exterior. Aggressive sole design provides exceptional pedal feel and dual lacing system assures excellent fit. Available in black only.

Size	M/T Part No.	H/T Part No.
7	IMP47007010	IMP48007010
8	IMP47008010	IMP48008010
9	IMP47009010	IMP48009010
9-1/2	IMP47009510	IMP48009510
10	IMP47010010	IMP48010010
10-1/2	IMP47010510	IMP48010510
11	IMP47011010	IMP48011010
11-1/2	—	IMP48011510
12	IMP47012010	IMP48012010
13	—	IMP48013010



M/T Racing Shoes

Entry-Level Polyester Restraints *NEW!*

Affordable Entry-Level Restraints combine high-strength polyester webbing and silver finish hardware. Latch and Link restraints are offered with 5- (single sub belt) or 6-point (dual sub belts) attachment and include pull down adjustment. Meets SFI 16.1 specifications. Offered in gray only.

Part No.	Description
Individual Shoulder Sets	
IMP59119999.....	5-Point Restraint System
IMP59129999.....	6-Point Restraint System
U-Type Shoulder Set	
IMP59611111.....	5-Point Restraint System
V-Type Shoulder Sets	
IMP57941111.....	5-Point Restraint System
IMP59821111.....	6-Point Restraint System



5- And 6- Point Latch And Link Systems

Each latch and link restraint system includes choice of V-type or individual shoulder harness, latch and link lap belts and single (5-point) or double (6-point) anti-sub belt. SFI 16.1 certified.

Part No.	Description
Individual Shoulder Sets	
IMP51111111.....	5-Point Pull Down Adjust Restraint System
IMP51111111HANS..	5-Point Pull Down Adjust, Hans Compatible Shoulder Harness
IMP51112116.....	5-Point Pull Down Adjust, NASCAR Approved
IMP52111111.....	5-Point Pull Up Adjust Restraint System
IMP53653711.....	5-Point Pull Up Adjust, NASCAR Approved
IMP59111111.....	5-Point Pull Down Adjust Restraint System, Integrated Adjuster
IMP51122116.....	6-Point Pull Down Adjust Restraint System, NASCAR Approved
V-Type Shoulder Sets	
IMP53811111.....	5-Point Pull Down Adjust Restraint System
IMP54811111.....	5-Point Pull Up Adjust Restraint System
IMP59811111.....	5-Point Pull Down Adjust, Integrated Adjuster



5-Point Rotary Cam Lock Systems

Each 5-point rotary cam lock system has individual shoulder harnesses, rotary cam lock lap belts and single anti-sub belt. SFI 16.1 certified.

Part No.	Description
IMP55341111.....	Pull Down Adjust Restraint System
IMP56341111.....	Pull Up Adjust Restraint System



Anchor Hardware

Part No.	Description
IMP50000011.....	3-Bar Adjuster
IMP50000021.....	Bolt-In Anchor
IMP50000031.....	Clip-In Anchor
IMP50000041.....	Eye Bolt Anchor





NEW VENDOR

Steel Stealth Series Mono-Tube Shocks With Schrader Valve

Specifically designed for racing series requiring steel shocks, Stealth series include billet aluminum pistons, nitrogen separator piston and are racer serviceable, re-valvable and repairable. Machined snap ring grooves allow for coil-overs, if desired. Meet UMP, USMTS and WISSOTA sanctioning body rules.



Part No.	Stroke	Compression Length	Extended Length	Compression Damping	Rebound Damping
IRS310-40170S-RF-MEDREB	7"	13-1/4"	20-1/4"	RF	MED
IRS310-40174S	7"	13-1/4"	20-1/4"	4	4
IRS310-40174-6S	7"	13-1/4"	20-1/4"	4	6
IRS310-40174-8S	7"	13-1/4"	20-1/4"	4	8
IRS310-40174-10S	7"	13-1/4"	20-1/4"	4	10
IRS310-40174-12S	7"	13-1/4"	20-1/4"	4	12
IRS310-40174-15S	7"	13-1/4"	20-1/4"	4	15
IRS310-40175S	7"	13-1/4"	20-1/4"	5	5
IRS310-40190S-LR-RT	9"	15-1/4"	24-1/4"	RT	LR
IRS310-40190S-RR-RT	9"	15-1/4"	24-1/4"	RT	RR
IRS310-40193S	9"	15-1/4"	24-1/4"	3	3
IRS310-40194S	9"	15-1/4"	24-1/4"	4	4
IRS310-40198-2S	9"	15-1/4"	24-1/4"	8	2
IRS310-40199-0S	9"	15-1/4"	24-1/4"	9	0

Coil-Over Kits And Components

Part No.	Description
IRS310-30410.....	1" Shaft Extension
IRS310-30526.....	Coil-Over Kit, 4000 Series Shocks, Fits 5" Spring
IRS310-30526C.....	Upper Spring Seat, For 310-30526 Coil-Over Kit
IRS310-30526S.....	Sleeve, For 310-30526 Or 310-30529 Coil-Over Kits
IRS310-30526SR.....	Snap Ring, For 310-30526 Or 310-30529 Coil-Over Kits

Steel Stealth Series Mono-Tube Shocks With Schrader Valve Applications

Suggested Part Numbers For Dirt Modifieds (UMP, WISSOTA, USMTS)

Base	
LF	RF
IRS310-40175S	IRS310-40174-6S
LR	RR
IRS310-41098-2S	IRS310-40194S
Dry Slick	
LF	RF
IRS310-40174S	IRS310-40170S-RF-MEDREB
LR	RR
IRS310-40198-2S	IRS310-40193S
IRS310-40199-0S	
Rough Track	
LF	RF
IRS310-40175S	IRS310-40175S
LR	RR
IRS310-40190S-LR-RT	IRS310-40190S-RR-RT

Steel Avenger Mono-Tube Shocks

Suggested Part Numbers For Dirt Modifieds (IMCA, UMP, WISSOTA, USMTS)

Base	
LF	RF
IRS310-45175SNSV	IRS310-45174-6SNSV
LR	RR
IRS310-45197-3SNSV	IRS310-45194SNSV
Dry Slick	
LF	RF
IRS310-45175-3SNSV	IRS310-45170SNSV-RF-MEDR
LR	RR
IRS310-45198-2SNSV	IRS310-45193SNSV

Steel Avenger Mono-Tube Shocks

Avenger Mono-tube shocks incorporate aircraft quality, billet aluminum pistons and hard chrome plated stainless steel shafts for exceptional durability and consistency. A floating piston separates the nitrogen from the oil, eliminating foaming and improving shock dampening. Shocks, which are WISSOTA, IMCA, UMP and USMTS approved, include a snap ring groove for coil-over applications. Shocks listed below are less Schrader valve.



Part No.	Stroke	Compression Length	Extended Length	Compression Damping	Rebound Damping
IRS310-45170SNSV-RF-MEDR	7"	13-3/8"	20-3/8"	RF	MED
IRS310-45173-5SNSV	7"	13-3/8"	20-3/8"	3	5
IRS310-45174-6SNSV	7"	13-3/8"	20-3/8"	4	6
IRS310-45175SNSV	7"	13-3/8"	20-3/8"	5	5
IRS310-45175-3SNSV	7"	13-3/8"	20-3/8"	5	3
IRS310-45176SNSV	7"	13-3/8"	20-3/8"	6	6
IRS310-45193SNSV	9"	15-1/2"	24-1/2"	3	3
IRS310-45194SNSV	9"	15-1/2"	24-1/2"	4	4
IRS310-45195SNSV	9"	15-1/2"	24-1/2"	5	5
IRS310-45196-4SNSV	9"	15-1/2"	24-1/2"	6	4
IRS310-45197-3SNSV	9"	15-1/2"	24-1/2"	7	3
IRS310-45198-2SNSV	9"	15-1/2"	24-1/2"	8	2

Coil-Over Kits And Components

Part No.	Description
IRS310-30526.....	Coil-Over Kit, 4500 Series Shocks, Fits 5" Spring
IRS310-30526C.....	Upper Spring Seat, For 310-30526 Coil-Over Kit
IRS310-30526S.....	Sleeve, For 310-30526 Or 310-30529 Coil-Over Kits
IRS310-30526SR.....	Snap Ring, For 310-30526 Or 310-30529 Coil-Over Kits

Steel Twin-Tube Fixed Bearing Non-Rebuildable Shocks

Twin-Tube Fixed Bearing shock absorbers feature an advanced cam over seal design that eliminates over 60% of normal seal drag. IMCA-approved shocks additionally include durable, 5/8" diameter shafts and a 2.10" diameter steel body. Designed for coil-over or non coil-over applications, shocks may be mounted upside down for reduced unsprung weight. Choose from a wide variety of split and standard valved shocks.



Part No.	Stroke	Compression Length	Extended Length	Compression Damping	Rebound Damping
IRS310-42173-5	7"	12-1/4"	19-1/4"	3	5
IRS310-42174	7"	12-1/4"	19-1/4"	4	4
IRS310-42174-8	7"	12-1/4"	19-1/4"	4	8
IRS310-42175	7"	12-1/4"	19-1/4"	5	5
IRS310-42175-3	7"	12-1/4"	19-1/4"	5	3
IRS310-42176	7"	12-1/4"	19-1/4"	6	6
IRS310-42193	9"	14-1/4"	23-1/4"	3	3
IRS310-42193-5	9"	14-1/4"	23-1/4"	3	5
IRS310-42194	9"	14-1/4"	23-1/4"	4	4
IRS310-42195	9"	14-1/4"	23-1/4"	5	5
IRS310-42196	9"	14-1/4"	23-1/4"	6	6
IRS310-42196-3	9"	14-1/4"	23-1/4"	6	3
IRS310-42198-2	9"	14-1/4"	23-1/4"	8	2

Coil-Over Kits And Components

Part No.	Description
IRS310-30525.....	Coil-Over Kit, 4200 Series Shocks, Fits 5" Springs
IRS310-30525C.....	Upper Spring Seat, Fits 310-30525 Coil-Over Kit
IRS310-30525CP.....	Retainer Plate And Screws, Fits 310-30525 Coil-Over Kit
IRS310-30525N.....	Coil-Over Adjusting Nut, Fits 310-30525 Coil-Over Kit
IRS310-30525S.....	Sleeve, Fits 310-30525 Or 310-30530 Coil-Over Kits
IRS310-30525SR.....	Snap Ring, Fits 310-30525 Or 310-30530 Coil-Over Kits



NEW VENDOR

Aluminum Internal Double Adjustable Shocks

Aluminum, threaded bodied IDA shocks use a specially designed bladder, modern base valve technology and advanced piston design with larger disc diameter for more consistent and repeatable damping. An internal piston adjusting mechanism allows for 12 independent compression and rebound adjustments, which are easily set using the rod end selector. Each shock is sold complete with coil-over kit.



Part No.	Stroke	Compression Length	Extended Length
IRS310-60470-LF	7"	13-5/8"	20-3/8"
IRS310-60470-RF	7"	13-5/8"	20-3/8"
IRS310-60470-RF-HIGHREBO	7"	13-5/8"	20-3/8"
IRS310-60480-SCLR	8"	14-5/8"	22-3/8"
IRS310-60490-LR	9"	15-5/8"	24-3/8"
IRS310-60490-RR	9"	15-5/8"	24-3/8"

Coil-Over Kits And Components

Part No.	Description
IRS310-30200.....	Coil-Over Kit
IRS310-302004.....	Diaper Pin, For 310-30200 Coil-Over Kit
IRS310-30298.....	Coil-Over Adjusting Nut, For 310-30200 Coil-Over Kit
IRS310-30299.....	Upper Spring Seat, For 310-30200 Coil-Over Kit

Aluminum Internal Double Adjustable Shocks

Suggested Part Numbers For Dirt Late Models

LF	RF
IRS310-60470-LF	IRS310-60470-RF IRS310-60470-RF-HIGHREBO
LR (Ft. of Axle)	RR
IRS310-40190LRF-ADJ*	IRS310-60490RR
LR (Behind Axle)	5th Coil
IRS310-60490LR	IRS310-40670-5TH†
IRS310-40490-LR-LB†	

* Compression adjustable only

† Canister shock

‡ Rebound adjustable only

Suggested Part Numbers For Asphalt Late Models

LF	RF
IRS310-60470-LF	IRS310-60470-RF IRS310-60470-RF-HIGHREBO
LR	RR (9" Stroke)
IRS310-60490-LR	IRS310-60490-RR



Dona Marcoullier

Photo By: John Berglund

Aluminum Remote Canister Double Adjustable Shock

Shock uses a double banded, floating piston for optimum seal and reduced friction. Perform independent compression and rebound adjustments simply using the rod end selector. Each shock is sold complete with coil-over kit.



Part No.	Stroke	Compression Length	Extended Length
IRS310-40490-LR-LB	9"	15-5/8"	24-3/8"

* Specially designed for LR (behind axle) of dirt late models with low bleed to help keep car up on left rear bars.

Coil-Over Kits And Components

Part No.	Description
IRS310-30200.....	Coil-Over Kit
IRS310-30200-4.....	Diaper Pin, For 310-30200 Coil-Over Kit
IRS310-30298.....	Coil-Over Adjusting Nut, For 310-30200 Coil-Over Kit
IRS310-30299.....	Upper Spring Seat, For 310-30200 Coil-Over Kit

Aluminum Single Adjustable Shock Absorbers For Specialized Applications

Aluminum bodied, single adjustable shocks are offered for specialized applications. Choose from shocks for the left rear (front of axle mounting) of Dirt Late Models and popular fifth coil applications. Each shock is sold complete with coil-over kit.



Part No.	Application	Stroke	Compressed Length	Extended Length
IRS310-40190LRF-ADJ*	Compression Adjustable/LR Dirt	9"	15-5/8"	24-3/8"
IRS310-40670-5TH†	Rebound Adjustable/5th Coil	7"	13-5/8"	20-3/8"

* Compression adjustable shock is designed specifically for left rear (front of axle) dirt late model applications.

† Rebound adjustable shock is engineered for use as a fifth coil.

Take-Up Spring

Used on the left front of Dirt Late Models to prevent the coil-over spring from rattling.



IRS310-3006-005



IRS310-30400

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.

