

ENGINE WORKS

2018

VOL.
2





Engine Works has been delivering a comprehensive portfolio of high quality, high value, and high performance products since 1995. Engine Works offers the expertise you deserve, products you need, and the tailored experience you demand. Your Engine Works Sales Team offers 50+ years in motorsports and the high performance markets. Access to our fully stocked warehouses ensures that the products you and your customers require will be available to ship same day!

Products are constantly being added to the current Engine Works product portfolio, so reach out to your dedicated sales team for the latest updates.

TABLE OF CONTENTS

<i>Alternators, Coils, Distributors, Fire Boots & Sleeves, Starters, Switches, Wire Sets</i>	2-16	IGNITION
<i>Adapters, Carb Kits, Fuel Lines, Fuel Pumps & Filters, Jets, Nitrous, Spacers</i>	17-29	FUEL & AIR
<i>Bearings, Connecting Rods, Cylinder Heads, Finishing Kits, Pistons, Rings, Thermostats</i>	30-33	INTERNAL ENGINE
<i>Cam & Lifter Kits, Lifters, Pushrods, Retainers, Springs, Stud Girdles, Valves, Valve Locks</i>	34-47	VALVETRAIN
<i>Gear Drives, Timing Covers, Timing Pointers, Timing Sets</i>	48-51	TIMING
<i>Oil Filter Adapter, Oil Pans, Oil Pump Pickups, Oil Pump Shafts, Valley Vents</i>	52-53	OIL SYSTEMS
<i>Exhaust, Fuel, Head, Intake, Oil Pan, Rear Main & Front Seals, Timing, Valve Cover</i>	54-60	GASKETS
<i>Engine Fasteners, Intake Bolts, Pop Rivets, Rocker Arms, Torque Converter, Valve Cover</i>	61-63	FASTENERS
<i>Aluminum Fittings, Braided Hose, Coolers, Fans, Radiator Caps, Water Pumps</i>	64-67	PLUMBING
<i>Brake Lines, Motor Plates, Powerglide Accessories, Ring & Pinion, Torque Converters</i>	68-76	TRANSMISSION
<i>Exhaust Cutouts, Gauges, Header Wrap, Tachometers, Tether Kits, Tube Clamps</i>	77-80	EXHAUST & GAUGES
<i>Calipers, Engine Cradles, Lift Plates, Race Trailer Accessories, Roll Bar Padding</i>	81-86	TOOLS & SAFETY
<i>Index.....</i>	87-89	INDEX



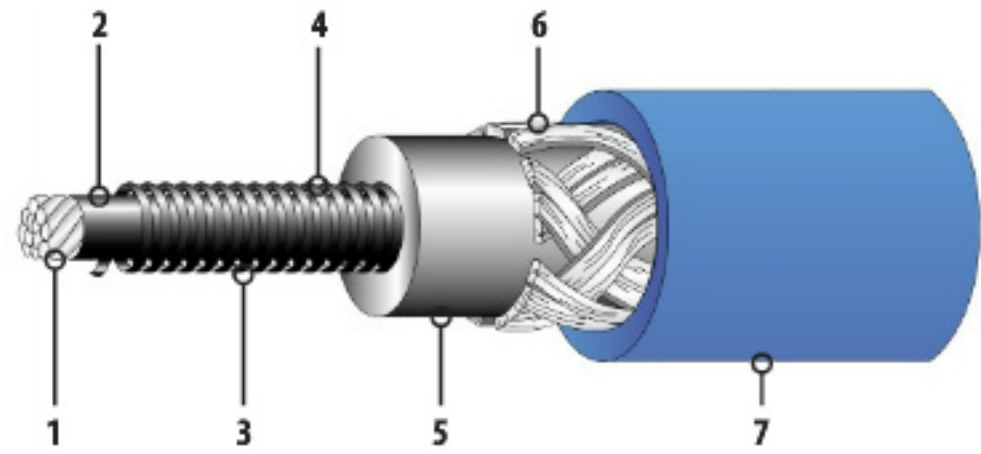
8.5 MM WIRE SETS



Ideally suited for performance street cars and trucks as well as race applications.

Part No. shown is RED wire, add BL for blue wire, and BK for Black wire. 575° F.

Note: (Coil wires not included, pertains to HEI only.) All wires are 24" long.



8.5MM WIRE SETS

1. Dual conductive core-spiral wound mag core. Eliminates interruptions in current flow. No other competitor can offer this.
2. The 250 ohm Mag core wire has a core made of 100% kevlar strands which have been impregnated with carbon latex. The competition's core is a fiberglass core with only 1-2 strands of kevlar for strength. The impregnating of the kevlar core enables the wire to have a second conductor.
3. The kevlar core is then coated with multiple layers of carbon/latex to not only hold the inner core together but to create an additional path for the inductance to travel. The competition coats their fiberglass core as well, but with less material. The wire, because it is a kevlar core with a carbon jacketing is the strongest wire available.
4. Mega-Mag wrap, a stainless steel / metallic composite, is a special alloy used to carry 90% of the voltage to the plugs. This helps to generate a hotter spark than normal carbon core wire and a more consistent current than other Mag core wire available. This helps to develop the horsepower the engine is rated for while stopping EMI and RFI.
5. High density inner jacket increases dielectric properties as well as capacitance to maintain a positive current flow to the plug.
6. High-density braid is used to create a permanent bond between the inner and outer layers. Increasing cable strength, and helps eliminate terminal pull off and outer jacket separation.
7. 100% silicone outer jacket. Protects against chemicals, oil, and abrasion.

PART NO.	BOOT DEGREE	ENGINE	YEAR	APPLICATION
CHEVY				
16420	90°	267, 305, 350, 400	75-80	SB with HEI over valve cover (Chevrolet Engine)
16421	90°	267,305, 350	80-86	SB with HEI under exhaust (Chevrolet Engine)
16422	90°	283, 307, 327, 350	60-74	Non-HEI over valve cover (Chevrolet Engine)
16423	90°	283, 307, 327, 350	60-74	SB non-HEI under exhaust (Chevrolet Engine)
16427	135°	All	64-75	Big Block - non-HEI
16425	180°	All	Race Set	BB with HEI over valve cover (Chevrolet Engine)
16426	90°	All	Race Set	BB with HEI under valve cover (Chevrolet Engine)
16424	90° - 5/180° - 3	305 (5.0E) 350 (5.7)	89-93	Firebird/Camaro
16441	90°	350 (5.7)	96-97	Camaro LT1
16440	90° - L5 only	5.7	98-02	Camaro LS1 with square coils - Denso
16442	90°	305, 350	87-95	SB Chevy/GMC with external coil



8.5 MM WIRE SETS

IGNITION

FUEL & AIR

INTERNAL ENGINE

VALVE TRAIN

TIMING

OIL SYSTEMS

GASKETS

FASTENERS

PLUMBING

TRANSMISSION

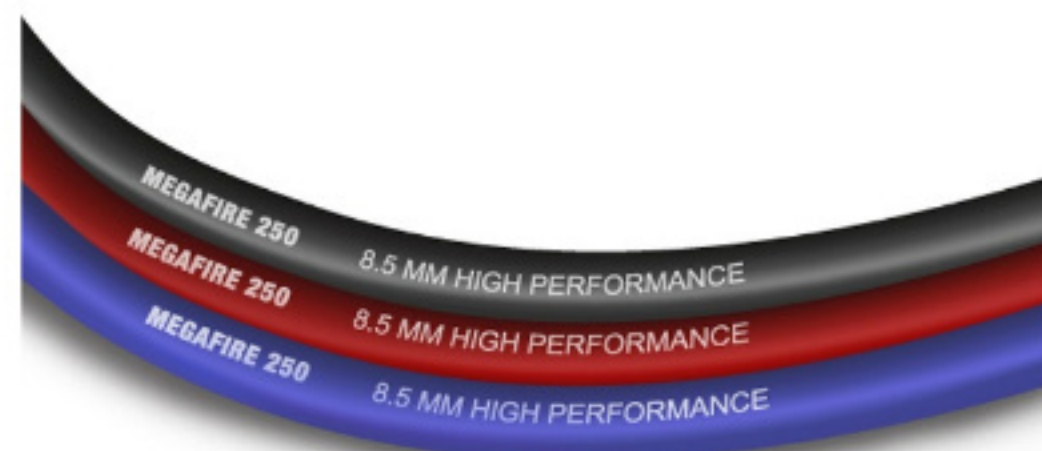
EXHAUST & GAUGES

TOOLS & SAFETY

INDEX

PART NO.	BOOT DEGREE	ENGINE	YEAR	APPLICATION
OLDSMOBILE				
16425	90°	All	Race Set	BB with HEI over valve cover (Chevrolet Engine)
16426	90°	All	Race Set	BB with HEI under valve cover (Chevrolet Engine)
16421	90°	267, 305, 350	75-86	SB with HEI under exhaust (Chevrolet Engine)
PONTIAC				
16425	90°	All	Race Set	BB with HEI over valve cover (Chevrolet Engine)
16426	90°	All	Race Set	BB with HEI under valve cover (Chevrolet Engine)
16420	90°	67, 305, 350	75-86	SB with HEI over valve cover (Chevrolet Engine)
16421	90°	267, 305, 350	75-86	SB with HEI under exhaust (Chevrolet Engine)
16425	90° - 5/180° - 3	305 (5.0E, F) 350 (5.7-8)	89-93	Firebird
16441	90°	350 (5.7)	96-97	Firebird LT1
BUICK				
16420	90°	350-L	77	Regal (Chevrolet Engine)
16421	90° - 6/180° - 2	267, 305, 350	78-81	Regal (Chevrolet Engine)
16421	90° - 6/180° - 2	305 (5.0-H)	82-86	Regal (Chevrolet Engine)
16420	90°	267, 305, 350, 400	75-80	SB with HEI over valve cover (Chevrolet Engine)
16421	90° - 6/180° - 2	267, 305, 350	80-86	SB with HEI under exhaust (Chevrolet Engine)
16422	90°	283, 307, 327, 350	60-74	SB non-HEI over valve cover (Chevrolet Engine)
16425	180°	All	Race Set	BB with HEI over valve cover (Chevrolet Engine)
16426	90°	All	Race Set	BB with HEI under valve cover (Chevrolet Engine)
FORD				
16430	135°	5.0L	84-93	Mustang
16432	135°	5.0L	94-95	Mustang
16433	180° - Well Seal	4.6L	96-98	Mustang 16V
16432	135°	5.0L (302)	94-95	Thunderbird
FORD TRUCK				
16432	135°	5.8L	93-95	F-150 Lightning
16432	135°	5.0L (302)	94-96	F-150
16430	135°	5.8L	88-98	F-150
16430	135°	5.0L (302)	91-93	F-150
16430	135°	5.0L (302)	87-90	F-150 w/o EECIV
MERCURY				
16432	135°	5.0L (302)	91-93	Cougar
16432	135°	5.0L	84-93	Capri

PART NO.	BOOT DEGREE	ENGINE
UNIVERSAL & COIL WIRE SETS		
16401	180°	HEI and non-HEI - Red
16401BK	180°	HEI and non-HEI - Black
16401BL	180°	HEI and non-HEI - Blue
16402	90°	HEI and non-HEI - Red
16402BK	90°	HEI and non-HEI - Black
16402BL	90°	HEI and non-HEI - Blue
16403	135°	HEI and non-HEI - Red
16403BK	135°	HEI and non-HEI - Black
16403BL	135°	HEI and non-HEI - Blue
16400C		Coil Wire Kit - Points - Red
16400CBK		Coil Wire Kit - Points - Black
16400CBL		Coil Wire Kit - Points - Blue
16400H		Coil Wire Kit - HEI - Red
16400HBK		Coil Wire Kit - HEI - Black
16400HBL		Coil Wire Kit - HEI - Blue





8.5MM SLEEVED RACE WIRE

- 8.5mm Custom fit - spiral wound core
- Fierce EMI / RF suppression
- Fiberglass reinforced sleeve: 50kv+ dielectric
- High temperature silicone boots
- Locking race terminals - corrosion resistant
- Shrink sleeved boots prevent voltage loss
- Numbered ID tag for each wire

PART NO.	DESCRIPTION
CHEVY	
16350	SB Chevy, Over V/C, 90° Boot, HEI
16350U	SB Chevy, Under Header, 90° Boot, HEI
16454	BB Chevy, Over V/C, Straight Boot, HEI
16454U	BB Chevy, Under V/C, 90° Boot, HEI
16402BK	HEI and non-HEI - Black
FORD	
16302	Ford, 302, 135° Boot, HEI
16351	Ford, 351W, 135° Boot, HEI



FIRE BOOTS

The cure for spark plug wire failure in high heat environments withstanding up to 1200°F. Universal size and shape fits most boots, even 90°.

PART NO.	DESCRIPTION
UNIVERSAL	
16201	6" Natural, 8-Pack
16201NR	8" Natural NO RING - for LS Motors, 8-Pack
16211	6" Natural, 4-Pack
16210	6" Natural, Each
16202	6" Black, 8-Pack
16202NR	8" Black NO RING - for LS Motors, 8-Pack
16203NR	6" Red NO RING, 8-Pack
16204	6" Blue, 8-Pack
16205	6" Orange, 8-Pack
16208NR	8" Red NO RING - for LS Motors, 8-Pack



WIRE CRIMPING TOOL

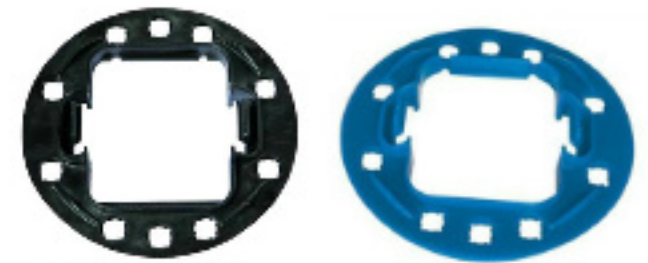
These pliers are ideal for terminating spark plug wire sets. Strip, cut, and crimp automotive wiring from 10 to 22 gauge. Heavy duty steel with comfort grip insulating handles.

PART NO.	DESCRIPTION
UNIVERSAL	
W86500	Heavy Duty Crimping Tool



BLACK PLASTIC WIRE TIES

PART NO.	DESCRIPTION
UNIVERSAL	
16707	7" (100-Pack)
16714	14" (100-Pack)



HEI WIRE RETAINER

PART NO.	DESCRIPTION
UNIVERSAL	
16501W	Red HEI wire retainer
16501W-BK	Black HEI wire retainer
16501W-BL	Blue HEI wire retainer



FIRE SLEEVE

PART NO.	DESCRIPTION
UNIVERSAL	
431000	Fire Sleeve, 10AN - 50', Red
436000	Fire Sleeve, 06AN - 50', Red
438000	Fire Sleeve, 08AN - 50', Red
431200	Fire Sleeve, 12AN - 50', Red



DISTRIBUTORS & REPLACEMENT PARTS

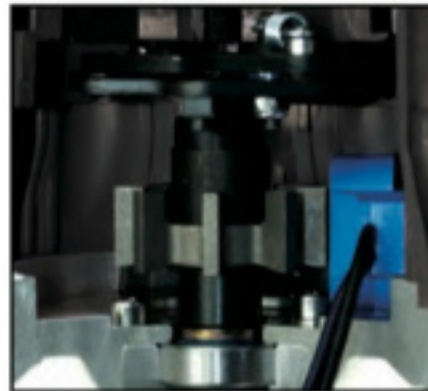
1

The race proven adjustable mechanical advance is top mounted for easy access. It features a cam plate and weights that are precision stamped and blanked for precise accuracy of dimension stamped and blanked for precise accuracy of dimension and balance. The cam plate is TIG welded to the top of the shaft assembly and the weight pivot pins are stacked and TIG welded in place on the cam plate for reliable performance and long term durability. The whole assembly receives a nitrocarburized surface, while reducing friction as well as providing a corrosion resistant finish. The weights ride on nylon rub pads in the cam plate to ensure long term smooth advance movement. Three (3) sets of advance springs and four (4) stop bushings are supplied allowing the advance curve to be custom tailored to match the specific requirements of your engine.



2

The high output, race reliable magnetic pickup is bolted to the base of the distributor. A finely tuned paddle wheel reluctor is mounted on the shaft assembly. This system generates an accurate trigger signal at all RPM levels, ensuring reliable performance from cranking to redline.



3

The shaft is centerless ground, then polished and also receives the same friction reducing and corrosion resistant coating. The shaft rides on an upper sealed ball bearing and an extra long lower sintered bronze Oil-Lite bushing. This ensures both smooth and reliable operation up to 10,000 RPM as well as much longer service than other distributors with steel or polymer bushings.



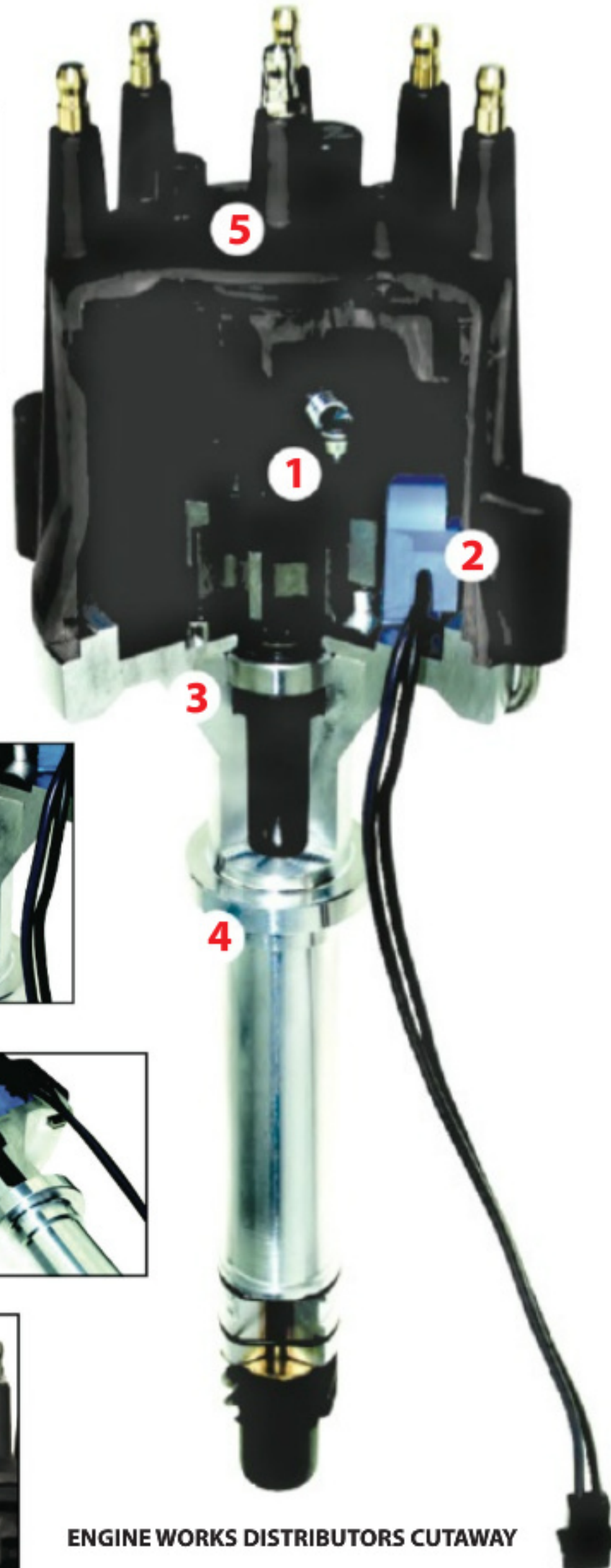
4

CNC machined 6061-T6 heat treated 2-piece housing starts with a hot forged process which goes beyond a normal billet process to ensure that there are no weak spots or porosity and produces the strongest possible flex free parts. This ensures accurate machined tolerances as well as a good looking finished distributor.



5

The distributor cap, rotor, and wire retainer are molded with a glass reinforced polyester material (PBT), which offers high dielectric strength, resistance to carbon tracking as well as high impact strength for improved long term durability and extended service duty life. The cap and rotor contacts are brass and the rotor springs is stainless steel for long term maximum conductivity.



ENGINE WORKS DISTRIBUTORS CUTAWAY



RACING AND STREET/STRIP DISTRIBUTORS

The CNC machined 6061-T6 aluminum housing has O-ring grooves for use in a fully machined engine block. The centerless ground shaft rides on an upper sealed roller bearing with an extra long lower bronze Oil-Lite bushing for smooth operation at high RPM's and extended service life. The fully adjustable mechanical advance is welded to the top of the shaft for easy access and is plated to reduce friction and prevent corrosion for long term durability. A high output magnetic pickup and large paddle wheel reluctor provide a strong trigger single at high RPMs. The hardened iron drive gear ensures long service life.



1

1BK

1SC

1VAC

PART NO.	DESCRIPTION
CHEVY	
1	Chevy, fixed collar, single pickup, V8, except 348-409 engine & tall deck blocks (Red)
1BK	Chevy, fixed collar, single pickup, V8, except 348-409 engine & tall deck blocks (Black)
1SC	Chevy, adjustable collar, single pickup, V8, except 348-409 engine (Red)
1VAC	Chevy, w/Vacuum Advance, V8, except 348-409 engine & tall deck blocks (Black)

REPLACEMENT PARTS

Large Cap & Retainer	Rotor	Brass Drive Gear	Iron Drive Gear	Magnetic Pickup	Vacuum Advance	Vacuum Lockout	Curve Kit
16000RD	16050R	16101	16111	14661	16507	16508	14664

-BK for black replacement*

RTR DISTRIBUTORS

This RTR distributor has a built in module for the easy installation with a simple three wire hook up - no need to run an external ignition control box. This is the perfect distributor for a crate engine or when replacing an old points triggered distributor.



1RTR

1RTR-BK

1RTR-409

PART NO.	DESCRIPTION
CHEVY	
1RTR	Chevy 262-502 V8, except tall deck blocks & 348-409 engines (Red)
1RTR-BK	Chevy 262-502 V8, except tall deck blocks & 348-409 engines (Black)
1RTR-409	Chevy 348-409 V8 engines (Red)

REPLACEMENT PARTS

V8 Large Cap & Retainer	Rotor	Brass Drive Gear	Iron Drive Gear	Module Assembly	Vacuum Advance	Vacuum Lockout	Curve Kit
16000RD	16050R	16101	16111	RTRMOD	16507	16508	14664

-BK for black replacement*



HEI COIL IN-CAP DISTRIBUTOR

This is a very popular choice for street cars, hot rods, trucks, circle track racers as well as industrial and stationary engines. The coil in-cap design offers a simple clean installation and reliable operation. Plus we have addressed all the shortcomings typically found in an economy replacement unit.



PART NO.	DESCRIPTION
CHEVY	
165100	Chevy V8 engines except 348-409 and tall deck blocks w/ Black dust cover (Red)
165101	Chevy V8 engines except 348-409 and tall deck blocks w/ Red dust cover (Red)
165102	Chevy V8 engines except 348-409 engines and tall deck blocks (Black)

REPLACEMENT PARTS								
Cap	Rotor	Coil Cover	Wire Retainer	Coil	4-Pin Module	Iron Gear	Brass Gear	Vacuum Advance
16501C	16501R	16501D	16501W	16554	16500-5	16110	16100	16509

-BK for black replacement* -BL for blue replacement*

EST/EFI REMOTE MOUNT COIL DISTRIBUTOR

High performance drop-in replacement distributors for EFI equipped GM cars, trucks, and chassis with the small diameter cap, 8-pin module and remote mount coil.

PART NO.	DESCRIPTION
CHEVY	
16521	Chevy V8 engines 1986-93 cars & 1987-98 trucks except tall deck blocks (Red)

REPLACEMENT PARTS				
V8 Cap	V8 Rotor	8-Pin V8 Automotive Module	V8 Iron Gear	V8 Brass Gear
16053C	16053R	16601	16110	16100

-BL for blue replacement*



VORTEC TRUCK DISTRIBUTOR

Look no further for the perfect replacement for the factory "plastic" distributors in your GM/Chevy truck engines. The distributor housings are CNC machined from a high copper content aluminum alloy that eliminates porosity issues for improved integrity, durability and tighter tolerances. The Hall Effect pickup is fully compatible with the factory computer and ensures maximum timing accuracy at all RPM levels and engine loads.

PART NO.	DESCRIPTION
CHEVY	
1VOR	Chevy 5.0L/5.7L V8 Vortec engines 1996-03 with flat cap (horizontal towers)

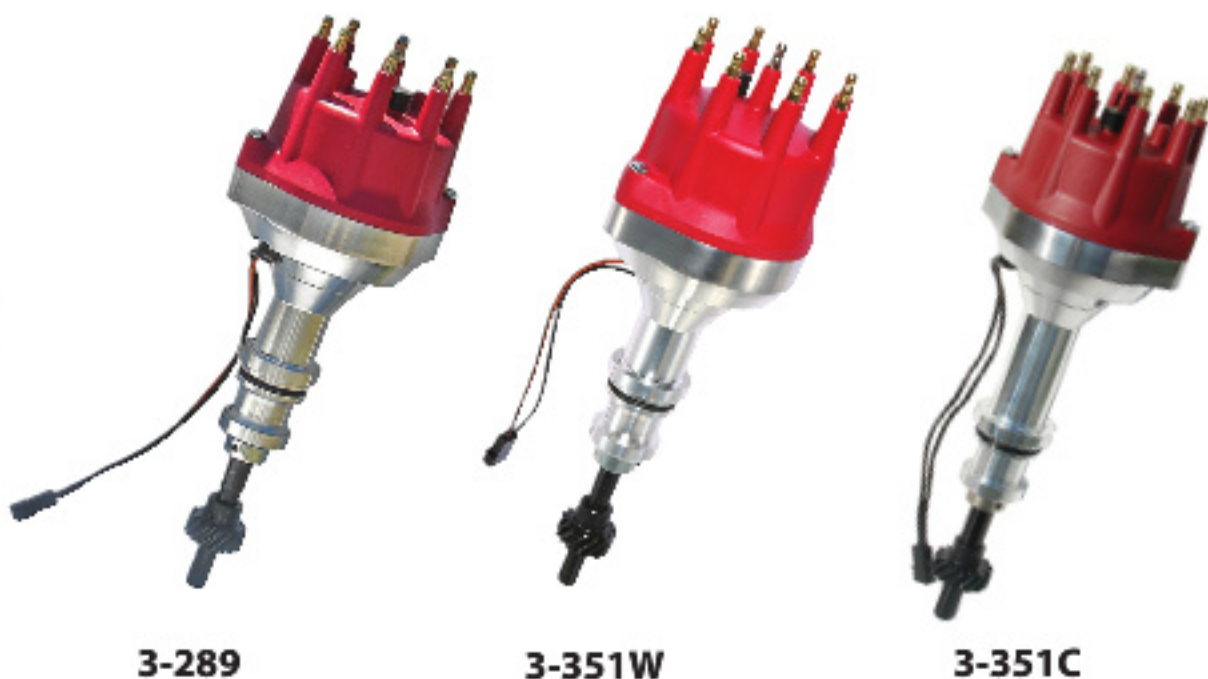
REPLACEMENT PARTS			
V8 Cap	V8 Rotor	V8 Iron Gear	V8 Brass Gear
16051C	16051R	16110	16100





RACING AND STREET/STRIP DISTRIBUTORS

These are the most popular distributors for race engines. The compact bowl design with screw down cap fits into locations where a larger or bulkier distributor will not. Featuring a CNC machined 6061-T6 aluminum housing, with a centerless ground shaft that rides on an upper sealed roller bearing with an extra long lower bronze Oil-Lite brushing for smooth operation at high RPM's and extended service life. The fully adjustable mechanical advance is welded to the top of the shaft for easy access and is plated to reduce friction and prevent corrosion for long term durability. A high output magnetic pickup and large paddle wheel reluctor provide a strong trigger signal at high RPMs. The hardened iron drive gear ensures long service life.



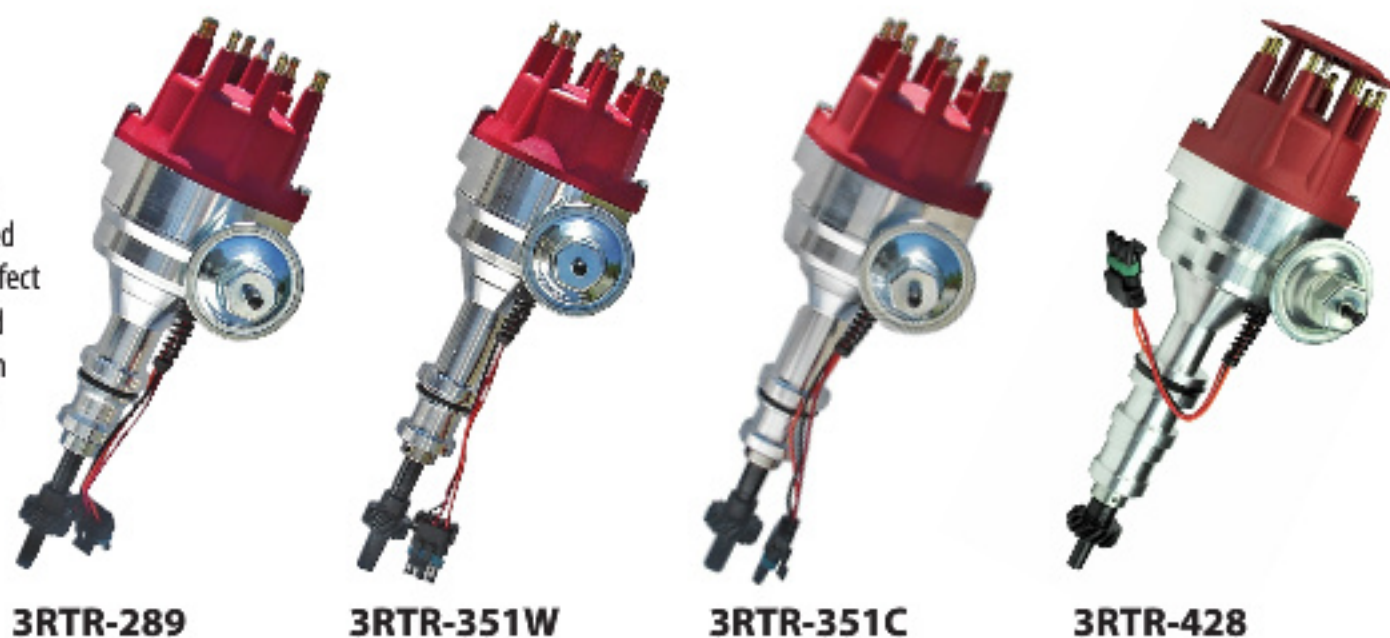
PART NO.	DESCRIPTION
FORD	
3-289	Ford 221-302 V8 engines (Red)
3-351W	Ford 351W V8 engines (Red)
3-351C	Ford 351C, 400C/M, 429-460 V8 engines (Red)

REPLACEMENT PARTS							
Small Cap & Retainer	Rotor	302 Iron Drive Gear	351W Iron Drive Gear	351C Iron Drive Gear	Magnetic Pickup	Vacuum Advance	Curve Kit
16001RD	16050R	16114	16115	16116	14661	16507	14664

*-BK for black replacement**

RTR DISTRIBUTORS

This RTR distributor has a built in module for the easy installation with a simple three wire hook up - no need to run an external ignition control box. This is the perfect distributor for a crate engine or when replacing an old points triggered distributor. The compact bowl design and screw down cap fits into locations where a larger distributor will not.



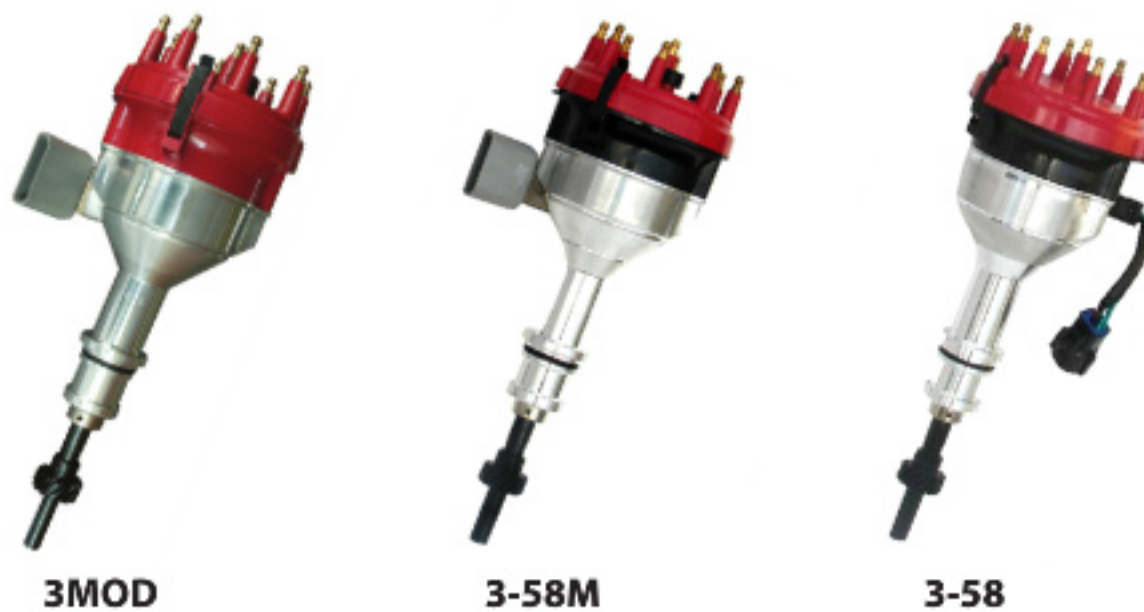
PART NO.	DESCRIPTION
FORD	
3RTR-289	Ford 221-302 V8 engines (Red)
3RTR-351W	Ford 351W V8 engines (Red)
3RTR-351C	Ford 351C, 400C/M, 429-460 V8 engines (Red)
3RTR-428	Ford 332-428 FE V8 engines (Red)

REPLACEMENT PARTS							
Small Cap & Retainer	Rotor	302 Iron Drive Gear	351W Iron Drive Gear	351C & FE Iron Drive Gear	Module Assembly	Vacuum Advance	Curve Kit
16001RD	16050R	16114	16115	16116	RTRMODF	16507	14664



TFI FUEL INJECTED DISTRIBUTORS

The perfect replacements for the late model TFI distributors in your Ford 5.0L/5.8L engines. Featuring a CNC machined 6061-T6 aluminum housing, with a centerless ground shaft that rides on an upper sealed roller bearing with an extra long lower bronze Oil-Lite bushing for smooth operation at high RPM's and extended service life. The Hall Effect pickup is fully compatible with the factory computer. Units with the module mounted on the bowl feature a high output circuitry to ensure maximum performance at high RPMs.



PART NO.	DESCRIPTION
FORD	
3	Ford 5.0L EFI V8 engines in 86-93 cars & 86-01 trucks w/o module mounted on distributor and billet steel hydraulic roller camshafts (Red)
3MOD	Ford 5.0L EFI V8 engines in 86-93 cars & 86-01 trucks w/ module mounted on distributor and billet steel hydraulic roller camshafts (Red)
3-58M	Ford 5.8L EFI V8 engines in 84-91 trucks w/ module mounted on the distributor and hydraulic flat tappet camshafts (Red)
3-58	Ford 5.8L EFI V8 engines in 94-97 trucks w/ remote mounted modules and billet steel hydraulic roller camshafts (Red)

REPLACEMENT PARTS

Cap	Rotor	TFI Module	5.0L/5.8L Steel Drive Gear	5.0L/5.8L Iron Drive Gear
16054C	16054R	16566	16117	16118

"B" AND "RB" ENGINE RACING DISTRIBUTORS

These are the most popular distributors for factory based race engines. These distributors feature a special compact bowl design with a spring clip hold down male tower cap that fits into locations where a larger or bulkier distributor simply will not, such as with B1 or aftermarket heads, fabricated or tall valve covers and with dual 4-bbl intake manifolds.

PART NO.	DESCRIPTION
CHRYSLER	
4-383	Chrysler 350-400 "B" V8 engines (Black)
4-440	Chrysler 413-440 "RB" and 426 Hemi V8 engines (Red)



REPLACEMENT PARTS

"B" & "RB" Cap	"B" & "RB" Rotor	Magnetic Pickup	Curve Kit
16056C	16056R	n/a	n/a

LA ENGINE STREET/STRIP DISTRIBUTORS

The "LA" shorter shank height allows it to fit under a stock steel hood on a street car. This is the perfect distributor for a crate engine or when replacing an old factory distributor.

PART NO.	DESCRIPTION
CHRYSLER	
4-318	Chrysler 273-360 "LA" V8 engines

REPLACEMENT PARTS

"LA" Cap	"LA" Rotor	Magnetic Pickup	Vacuum Advance	Curve Kit
16056C	16056R	n/a	n/a	n/a





"B" AND "RB" ENGINE RTR DISTRIBUTOR

These RTR™ distributors have a built in module for the easy installation with a simple three wire hook up - no need to run an external ignition control box. Feature a special compact bowl design with a spring clip hold down male tower cap that fits into locations where a larger or bulkier distributor simply will not. This is the perfect distributor for a crate engine or when replacing an old factory distributor.



PART NO.	DESCRIPTION
CHRYSLER	
4RTR-383	Chrysler 350-400 "B" V8 engines (Red)
4RTR-440	Chrysler 413-440 "RB" and 426 Hemi V8 engines (Red)

REPLACEMENT PARTS				
"B" & "RB" Cap	"B" & "RB" Rotor	Magnetic Pickup	Module	Vacuum Advance
16056C	16056R	n/a	n/a	n/a

"LA" ENGINE RTR DISTRIBUTOR

PART NO.	DESCRIPTION
CHRYSLER	
4RTR-318	Chrysler 273-360 "LA" engines (Red)

REPLACEMENT PARTS				
"LA" Cap	"LA" Rotor	Magnetic Pickup	Module	Vacuum Advance
16056C	16056R	n/a	n/a	n/a



CADILLAC RTR DISTRIBUTOR

This RTR™ distributor have a built in module for the easy installation with a simple three wire hook up - no need to run an external ignition control box. This is the perfect distributor for a crate engine or when replacing an old points triggered unit.

PART NO.	DESCRIPTION
CADILLAC	
5RTR	Cadillac 1968-84 472, 500, 425, and 368 V8 engines (Red)

REPLACEMENT PARTS					
Large Cap & Retainer	Rotor	Module Assembly	Vacuum Advance	Vacuum Lock Out	Curve Kit
16000RD	16050R	RTRMOD	16507	16508	14664



PONTIAC RTR DISTRIBUTOR

This Pontiac RTR™ distributor have a built in module for the easy installation with a simple three wire hook up - no need to run an external ignition control box. This is the perfect distributor for a crate engine or when replacing an old points triggered unit.

PART NO.	DESCRIPTION
PONTIAC	
6RTR	Pontiac 301-455 V8 engines except 1973-74 Super Duty 455 (Red)
6RTR-BK	Pontiac 301-455 V8 engines except 1973-74 Super Duty 455 (Black)

REPLACEMENT PARTS				
Large Cap & Retainer	Rotor	Module Assembly	Vacuum Advance	Curve Kit
16001RD	16050R	RTRMODF	16507	14664





FORD HEI STREET/STRIP 1-PIECE

- Internally positioned coil and module that avoids the unsightly wiring of stock FORD electronic ignition systems
- Higher voltage spark that permits a bigger spark plug gap, resulting in more power and reduced plug fouling
- Includes a high-power coil, premium hi-dielectric cap with brass terminals and a low-saturation ignition module - Blue Cap
- Assembled with upper and lower bushings



PART NO.	DESCRIPTION
FORD	
16519	Ford 289-302
16531	Ford 351C-400M, 429, 460
16532	Ford 351 Windsor

EARLY MODEL "SOCKET STYLE" CAPS

Fits 1, 1BK, 1SC, and 1VAC.



PART NO.	DESCRIPTION
GM	
15099CR	Black Socket & Rotor Kit
16000CR	Red Socket & Rotor Kit
16001CR	Tan Socket & Rotor Kit
16056CR	Blue Socket & Rotor Kit

HEAVY DUTY ALUMINUM HOLD DOWN CLAMPS

Fits Chevy SB, BB, and V6/90. Heavy-duty machined billet aluminum. Includes clamp, stud, nut, and washer.



PART NO.	DESCRIPTION
UNIVERSAL	
16165	Natural
16166	Red
16167	Blue

PONTIAC/OLDSMOBILE HEI ELECTRONIC

- Includes 50,000 Volt Coil
- Red Cap



PART NO.	DESCRIPTION
PONTIAC	
16514	SB & BB Pontiac (1974-80)
OLDSMOBILE	
16515	Oldsmobile V8

HEI DISTRIBUTOR TUNE-UP COMPONENTS

Includes absolutely everything needed to bring a stock distributor up to new performance standards including a 50,000 volt coil, premium cap, and rotor.



PART NO.	DESCRIPTION
GM	
16501	GM HEI cap, rotor, and coil kit. (Red)

CAP & ROTOR KITS

Manufactured from high quality alkyd material to withstand high voltages. Utilizes low resistance copper/brass terminals. Bright red finish.



PART NO.	DESCRIPTION
GM	
16540	GM HEI cap, coil cover & rotor

Same Day Shipping From All of Our Fully Stocked Warehouses!





DISTRIBUTOR GEARS

Engine Works distributor gears are machined from AMPCO-45 extruded bronze aluminum. Cast iron distributor gears are not compatible with 8620 billet cam material.

*All bronze gears made in USA.



PART NO.	ENGINE	MATERIAL	DISTRIBUTOR	DESCRIPTION	C.I. / LITER	SIZE
GM						
16100	Chevy	Bronze*	165100	OEM	all	.491"
16101	Chevy	Bronze*	1, 1RTR	Aftermarket	all	.500"
16101-6	Chevy	Bronze*	1, 1RTR	+ .006	all	.500"
16110	Chevy	Cast Iron	165100	OEM	all	.491"
16111	Chevy	Cast Iron	1, 1RTR	Aftermarket	all	.500"
16105	Pontiac	Bronze*	16514	OEM	all	.489"
FORD						
16113	SB Ford	Steel	3RTR-289, 3-289	Mech. Adv. & RTR	221-302	.467"
16117	SB Ford	Steel	3	Remote Module	(91-95) 5.0	.531"
16117	SB Ford	Steel	3RTR	Module	(86-93) 5.0	.531"
16116	SB Ford	Cast Iron	3RTR-351C	RTR	351C-460	.531"
16114	SB Ford	Cast Iron	3RTR-289	RTR	221-302	.467"
16115	SB Ford	Cast Iron	3RTR-351W	RTR	351W	.531"
16116	SB Ford	Cast Iron	3-351C	Mechanical advance	351C-460	.531"
16115	SB Ford	Cast Iron	3-351W	Mechanical advance	351W	.531"
16103	SB Ford	Bronze*	Aftermarket	Mechanical advance	221-302	.467"
16114	SB Ford	Cast Iron	3-289	Mechanical advance	221-302	.467"
16118	SB Ford	Steel - 16117, Iron - 16115	3-58	Remote module	(94-97) 5.8	.531"
16118	SB Ford	Steel - 16117, Iron - 16115	3-58M	Module	(84-91) 5.8	.531"



GM HEI ADJUSTABLE VACUUM ADVANCE

PART NO.	DESCRIPTION
GM	
16509	GM HEI adjustable vacuum advance



ADVANCE CURVE KIT

PART NO.	DESCRIPTION
UNIVERSAL	
14664	Mechanical advance spring & bushing kit

VACUUM ADVANCE LOCKOUT

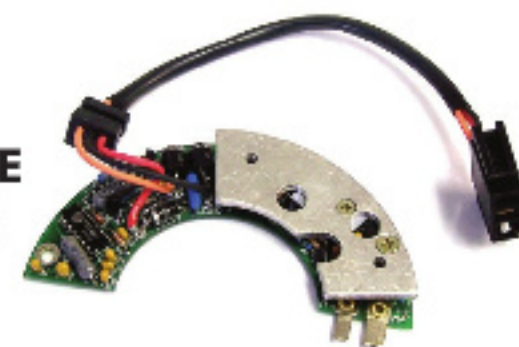
Molded lockout is the simple and inexpensive way to lockout GM mechanical advance distributors.



PART NO.	DESCRIPTION
GM	
16508	Vacuum advance lockout, Pre-87 HEI

HIGH PERFORMANCE IGNITION MODULES

Engineered with low saturation for maximum spark intensity.



PART NO.	DESCRIPTION
GM	
16500-5	73-86 GM V8 HEI
16600	HEI replacement w/pig tail



RPM LIMITER SWITCH

Two switches offer 12 settings in 200 RPM increments. Plugs into the REV Limit socket of Engine Works and MSD ignitions.

PART NO.	DESCRIPTION
UNIVERSAL	
16671	4600 - 6800 RPM
16672	6000 - 8200 RPM

MODULE KITS

Each kit contains a set of five close tolerance "pills" programmed in 200 RPM increments. Compatible with all ignition and gauge products that use RPM modules.



PART NO.	DESCRIPTION
UNIVERSAL	
16643	3000 - 3800 RPM
16644	4000 - 4800 RPM
16645	5000 - 5800 RPM
16646	6000 - 6800 RPM
16647	7000 - 7800 RPM
16648	8000 - 8800 RPM

ENGINE WORKS CDI IGNITION BOX & SECOND STAGE REV LIMITER



- Sealed and locking Delphi Metri-Pack connector
- Direct harness compatibility with 16632 SS/RL
- Single rev limiter: 100 rpm increments up to 9,900 rpm
- Sequential fire start mode for fast and easy starting
- 525v output to coil / 162mJ to 6000 & 145mJ to 9900
- Ultra lightweight design for all forms of racing

- Easy access rotary dials: 100 rpm and 1,000 rpm
- For use with Engine Works professional grade series ignition
- Digital, lightweight, and easy to mount
- Allows choice of a second rev limit when using 16625

PART NO.	DESCRIPTION
UNIVERSAL	
16625	CDI ignition box
16632	Second stage rev limiter



CHROME COIL BRACKET

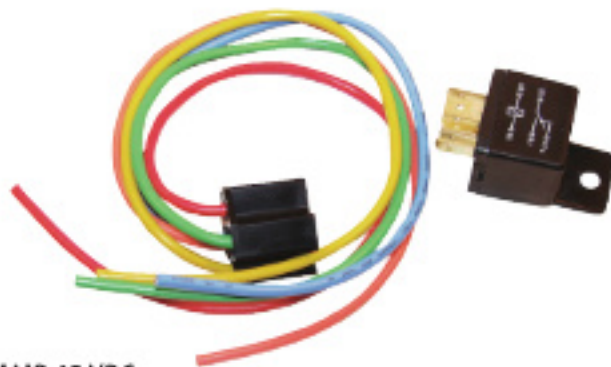
Universal mounting for standard coils up to 2.25" diameter.



PART NO.	DESCRIPTION
UNIVERSAL	
16580	Chrome coil bracket

NITROUS 5-PIN RELAY

Double pole-double throw, 30 AMP, 12 VDC.



PART NO.	DESCRIPTION
UNIVERSAL	
16700	Normal, open/closed, relay & connector

THRU-PANEL BATTERY CONNECTOR

A must anywhere voltage needs to be passed through a firewall or panel. Quality US made connector with brass terminals. Requires drilling of a 1" hole.



PART NO.	DESCRIPTION
UNIVERSAL	
16779	Thru-panel battery connector



BATTERY DISCONNECT SWITCHES

Heavy duty disconnect is designed to meet and/or exceed the specifications of sanctioning bodies.

PART NO.	DESCRIPTION
UNIVERSAL	
16775	20 amp duty, 125 amp max, vehicles w/o alternators
16776	175 amp, 4-post, vehicles w/ alternators



CANISTER, CD, & HEI COILS

Higher voltage output by these coils results in more complete fuel burn, especially in high RPM applications.

PART NO.	DESCRIPTION	RESISTANCE	VOLTAGE
UNIVERSAL			
16550	High output CD coil - heat sink	0.3 Ohms	48,000
16551	High output CD coil - epoxy	0.4 Ohms	45,000
16551BK	High output CD coil -black	0.4 Ohms	45,000
16552	Oil filled can coil - black	0.7 Ohms	45,000
16680	Oil filled can coil - chrome	0.7 Ohms	45,000
GM			
16553	GM 96-07	0.25 Ohms	45,000
16554	GM HEI coil-in-cap	0.3 Ohms	48,000
16555	GM 84-95 EFI OBD 1 coil	0.3 Ohms	45,000
16564	GM 86-09 AC Delco	0.4 Ohms	44,000
FORD			
16566	Ford 5.0 86-97 TFI - grey module		
16567	Ford 4, 6, 8 Cyl. 82-97 - black	0.3 Ohms	48,000
16568	Ford 91-03 4-tower DIS early	0.6 Ohms	36,000



MODULAR (COP) COIL ON PLUG COILS

Engine Works® modular coil on plug coils are designed to work with factory DIS and aftermarket ignition systems. Resistance and inductance values have been optimized to increase output for higher RPM levels. This higher energy output for use on turbo or supercharged engines with higher than factory boost levels or engines that have been converted to E85 fuel.

PART NO.	DESCRIPTION
FORD	
16570	Ford 97-10, 4.6L/5.4L/6.8L, 2 Valve
16572	Ford 04-08, 4.6L/5.4L/6.8L, 3 Valve
16574	Ford 08-11, 4.6L/5.4L/6.8L, 3 Valve
16576	Ford 97-10, 4.6L/5.4L, 4 Valve
16577	Ford 11-15, 5.0 Coyote
CHRYSLER / JEEP	
16578	Chrysler/Jeep 06-14, 5.7L/6.1 & 6.4 HEMI



SAFETY SWITCH

High capacity switch features silver contacts capable of 25 amps at 12 volts. Safety cover prevents accidental engagement of switch and allows superfast shutdown action.

PART NO.	DESCRIPTION
UNIVERSAL	
16570	Safety switch
16570C	Cover for Part # 16570



REMOTE JUMPER TERMINALS

PART NO.	DESCRIPTION
UNIVERSAL	
16780	Remote jumper terminals



REMOTE STARTER SWITCH

Allows you to bump the starter over from under the hood. Ideal for valvetrain adjustment work.

PART NO.	DESCRIPTION
UNIVERSAL	
W80581	Remote starter switch

UNIVERSAL STARTER BUTTON

Silver contacts for maximum current capacity. Black weather boot protects the switch from moisture and dust. Requires 5/8" mounting hole. Two screw type terminals connect switch to line.



PART NO.	DESCRIPTION
UNIVERSAL	
16770	Universal starter button



TRANSBRAKE BUTTON

PART NO.	DESCRIPTION
UNIVERSAL	
37055	Momentary - 15 amp button & cord

STARTER WIRING HARNESS



PART NO.	DESCRIPTION
UNIVERSAL	
13510	Starter wiring harness



FLEX REMOVABLE SLEEVE

PART NO.	DESCRIPTION	SIZE	LENGTH
UNIVERSAL			
FS3812	X-SM, Removable Sleeve	3/8" - 1/2"	40"
FS1278	Small, Removable Sleeve	1/2" - 7/8"	40"
FS7838	Med., Removable Sleeve	7/8" - 1-3/8"	40"
FS1122	Large, Removable Sleeve	1-1/2" - 2"	40"



STARTER HEAT SHIELD WRAP

Universal size, fits OE and mini-starters, aluminized.

PART NO.	DESCRIPTION
UNIVERSAL	
13515	Starter heat shield wrap

STARTER SHIELD

Designed to protect Delco starters against damaging heat from headers or exhaust manifolds. Useful on race engines, tow vehicles, SUVs and RVs. Fits Delco starters used on Chevy Small Block and Big Block engines.



PART NO.	DESCRIPTION
UNIVERSAL	
13516	Starter shield



SERVICE PARTS - 135000 STARTER

PART NO.	DESCRIPTION
UNIVERSAL	
13500P	Starter drive for 135000, 135010, 13502
13500S	Solenoid for 135000, 13502, 135280
13500SK	Shim and fastener kit for 135000, 135010, 13502



DENSO-STYLE TORQUE STARTER

- Lightweight, only 10lbs.
- 1.9 Horsepower
- 4:4:1 gear ratio
- Ideal for high-compression and big CI applications
- Adjustable mounting block



HITACHI-STYLE STARTER

- Lightweight, only 10lbs.
- Draws half the amps of a factory starter
- Provides high torque starting capabilities needed for a performance engine



PART NO.	MAKE	STYLE	TORQUE	COMP	BOLT	FINISH
CHEVY						
135000	Chevy	Hitachi	Street	9:1	Std	Natural
135250	Chevy High Torque	Denso	Street/Strip	13:1	Std	Natural
135020	Chevy High Torque	Hitachi	High	15:1	Std	Natural
135010	Chevy	Hitachi	High	15:1	Std	Chrome
135030	Chevy	Hitachi	Street/Strip	10:1	Stag	Natural
FORD						
135280	221-351W-460	Denso	Street/Strip	11:1	Auto Trans.	Natural

HIGH PERFORMANCE RACING STARTERS

PART NO.	DESCRIPTION
GM	
135300	High torque, Chevy SB/BB & V8's, 168-Tooth, stag mnt, 14:1 comp
13502	3HP starter, 153/168-Tooth, dual B/P, 16:1 comp
13502P	3HP/HD starter, 168-Tooth, updated solenoid & drive AL, 18:1 comp
13502B*	4HP GM starter, 139-Tooth flexplate
13502B-OFFSET*	4HP GM starter, 139-Tooth flexplate, offset

*MUST USE FLEXPLATE #915545 (ATI).



ONE WIRE ALTERNATOR

- One wire convenience
- Premium chrome plating
- High output capability
- Brand new unit includes fan and single groove pulley



PART NO.	DESCRIPTION
UNIVERSAL	
13600	100 amp
13602	140 amp
13610	100 amp serp belt pulley



SINGLE CONTACT SOLENOID

Useful as a relay to trigger shifters, nitrous solenoids, starter or any other high amp draw item. Rated to 750 amps for intermittent use. Ground through mounting base. Heavy duty.

PART NO.	DESCRIPTION
UNIVERSAL	
16771	Single contact solenoid



METERING BLOCK GASKETS

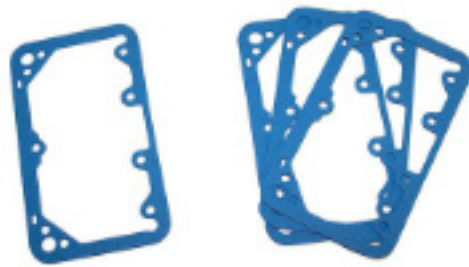
Blue non-stick reusable fiber.



1-PACK	4-PACK	10-PACK	DESCRIPTION
UNIVERSAL			
129	11829	11829-10	Fits 4150 Series
130	11830	---	Fits 4160 Series - Secondary
131	11831	---	Fits 4160 Series - Primary

FUEL BOWL GASKETS

Blue non-stick reusable fiber.



PART NO.	DESCRIPTION
UNIVERSAL	
133	Single, reusable, 4150 & 4160
11833	4-Pack, reusable, 4150 & 4160
11833-10	10-Pack, reusable, 4150 & 4160
135	Single, reusable, 4500 3 Circuit
11835	4-Pack, reusable, 4500 3 Circuit

CARBURETOR GASKETS

CARBURETOR GASKET KIT

Blue non-stick reusable fiber.



PART NO.	DESCRIPTION
UNIVERSAL	
11800	Two of each Teflon coated fuel bowl and metering block gaskets, Fits 4150 & 4160

CARBURETOR OVERHAUL KITS

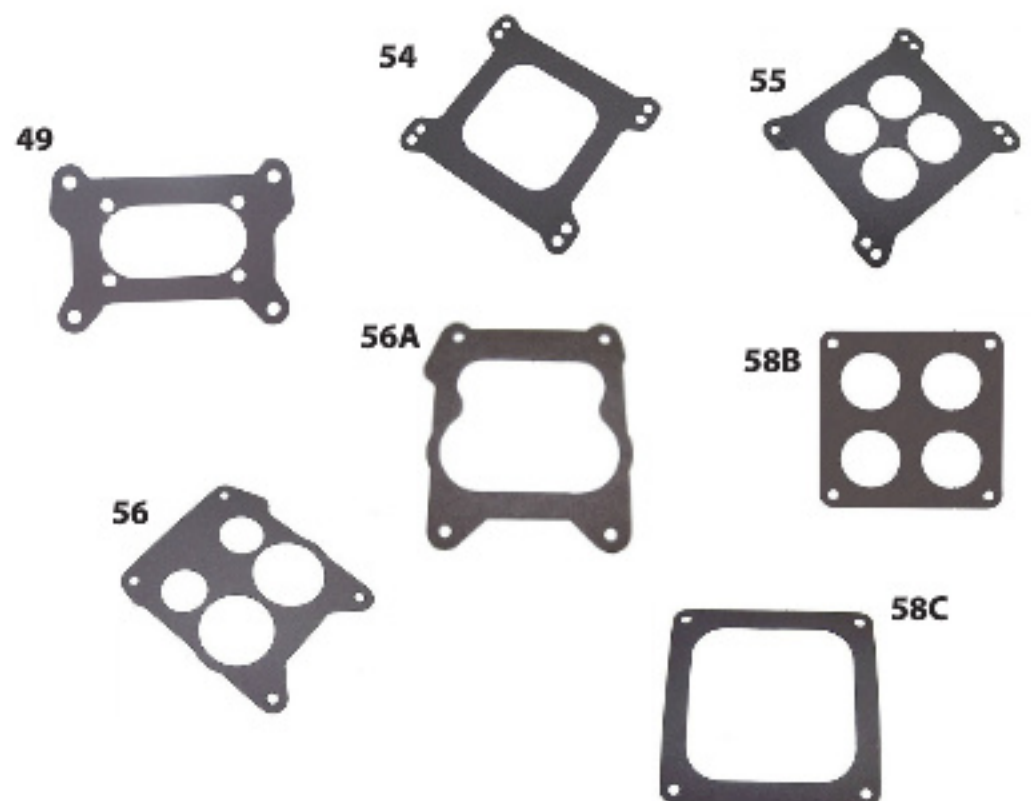
All components meet or exceed factory specs. Kit includes precision gaskets and seals, needle and seat assemblies, accelerator and vacuum secondary diaphragms.

PART NO.	DESCRIPTION
UNIVERSAL	
11419	Fits Holley 4160 390, 450, 600, 750, & 850 cfm carbs
11419R	11419 with reusable gaskets
11474	Fits Holley 2300 2 barrel.
11474R	11474 with reusable gaskets
11485	Fits most Holley double pumper carbs
11485R	11485 with reusable gaskets



CARBURETOR MOUNTING GASKETS

1-PACK	10-PACK	DESCRIPTION
UNIVERSAL		
49	---	Holley 2-barrel
54	54-10	Carter, AFB, Holley open center
55	55-10	Carter, AFB, Holley 4-Port
56	56-10	Quadrajets
56A	---	Quadrajets open center
58B	58B-10	Dominator, 4-Port
58C	58C-10	Dominator, open center





NEEDLE & SEATS

PART NO.	DESCRIPTION
UNIVERSAL	
11502	Needle & seat washer top & bottom
11504	.110" Viton Needle and Seat, 2-Pack
11506	.100" Viton Needle and Seat, 2-Pack
11508	.120" Viton Needle and Seat, 2-Pack
11509	.130" Viton Needle and Seat, 2-Pack
11510	.130" SS Needle and Seat, 2-Pack
11511	.150" SS Needle and Seat, 2-Pack



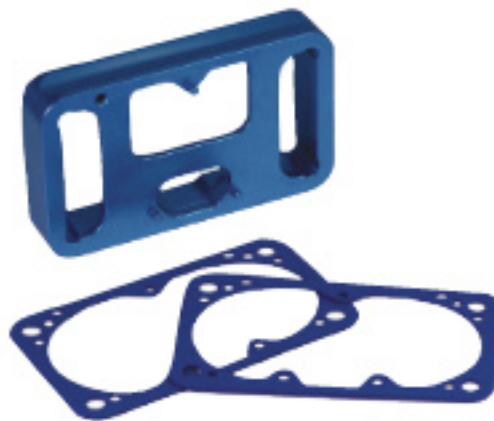
CLEAR SIGHT PLUG KIT

PART NO.	DESCRIPTION
UNIVERSAL	
11113	Clear Sight Plug Kit



FUEL BOWL SCREW GASKET

PART NO.	DESCRIPTION
UNIVERSAL	
11108	10-Pack, Fuel bowl screw gasket



FLOAT BOWL SPACER KIT

The Engine Works billet machined float bowl extension increases fuel bowl capacity, and is custom machined to clear jet extensions. Kit includes gaskets, extra length screws, accelerator pump level, and billet extension.

PART NO.	DESCRIPTION
UNIVERSAL	
41670	Billet Float Bowl Spacer Kit



POWER VALVES

PART NO.	DESCRIPTION
UNIVERSAL	
11525	2.5" Hg
11535	3.5" Hg
11545	4.5" Hg
11555	5.5" Hg
11565	6.5" Hg
11575	7.5" Hg
11585	8.5" Hg



POWER VALVE BLOCK-OFF PLUG

PART NO.	DESCRIPTION
UNIVERSAL	
11636	Power Valve Block-Off Plug



VACUUM SECONDARY SPRINGS

PART NO.	DESCRIPTION
UNIVERSAL	
11213	Vacuum secondary spring assortment - 7 sizes



VACUUM SECONDARY DIAPHRAGM

PART NO.	DESCRIPTION
UNIVERSAL	
11354	Vacuum Secondary Diaphragm

SERIOUS HORSEPOWER



DUAL FEED CARBURETOR LINES

Our stainless braided hose is rated at 1,000 psi. It is impervious to fuels and will withstand temperatures up to 300°F.

PART NO.	DESCRIPTION
RED / BLUE	
43139	Holley 4150 - 06AN
43140	BG Demon - 08AN
43141	Holley 4150 - 08AN
43142	Holley 4150 - 08AN, push lock
43145	Holley 4500 - 08AN
43146	Holley 4150 - 06AN, dual feed Ultra HP line kit
43147	Holley 4150 - 08AN, dual feed Ultra HP line kit
63148	Holley Ultra Dominator - 06AN, Stainless steel
83148	Holley Ultra Dominator - 08AN, Stainless steel
BLACK	
52139	Holley 4150 - 06AN, Power-Lite nylon
53139	Holley 4150 - 06AN
53140	BG Demon - 08AN
52141	Holley 4150 - 08AN, Power-Lite nylon
53141	Holley 4150 - 08AN
53142	Holley 4150 - 08AN, push lock
52145	Holley 4500 - 08AN, Power-Lite nylon
53145	Holley 4500 - 08AN
53146	Holley 4150 - 06AN, dual feed Ultra HP line kit
53147	Holley 4150 - 08AN, dual feed Ultra HP line kit
63148BN	Holley Ultra Dominator - 06AN, Nylon
63148B	Holley Ultra Dominator - 06AN, Stainless steel
83148BN	Holley Ultra Dominator - 08AN, Nylon
83148B	Holley Ultra Dominator - 08AN, Stainless steel



CHROME DOUBLE PUMPER FUEL LINE

Features 1/8" tap to accept fuel pressure gauge. Designed for Holley carburetors with a 9-5/16" center.

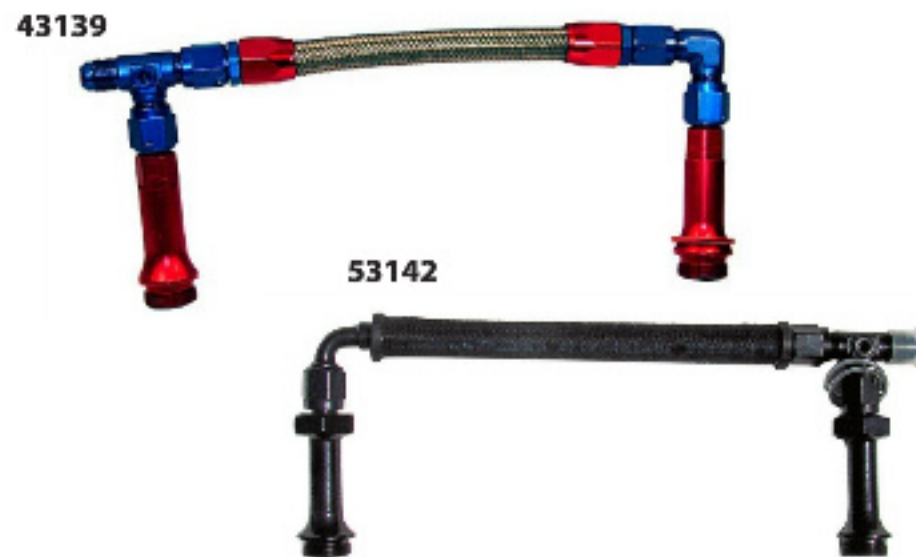
PART NO.	DESCRIPTION
UNIVERSAL	
52197	Holley Double Pumper Chrome Fuel Line



ADEL CLAMPS

Package of 6.

PART NO.	DESCRIPTION
UNIVERSAL	
38012	1/2"
38014	1/4"
38038	3/8"
38058	5/8"



ALUMINUM FUEL LINE TUBING

Aluminum tubing is seamless, 3003-0 tubing, .035" wall wound in 25ft coils. 100% current tested for safety. Comes in natural color.



PART NO.	DESCRIPTION
UNIVERSAL	
52038	3/8" Diameter
52012	1/2" Diameter
52058	5/8" Diameter

CARB ADAPTERS & FITTINGS

Engine Works aluminum fittings are produced to aerospace specs providing the ultimate in quality for sealing your fuel system connections.



PART NO.	DESCRIPTION
UNIVERSAL	
43240	BG Demon carb to 06AN
43241	BG Demon carb to 08AN
43245	Holley carb to 06AN
43246	Holley carb to 08AN
43250	Holley dual feed fitting 06AN
43251	Holley dual feed fitting 08AN

CARB FUEL INLET FITTINGS

AN Female to AN O-Ring Holley Ultra HP carb fuel bowl inlet fitting.



PART NO.	DESCRIPTION
UNIVERSAL	
17847	-8 AN female to -8AN O-Ring, Red/Blue
17847B	-8 AN female to -8AN O-Ring, Black
27847	-6 AN female to -8AN O-Ring, Red/Blue
27847B	-6 AN female to -8AN O-Ring, Black



INSULATING PHENOLIC SPACERS

Advanced GE phenolic material offers superior insulating qualities. Phenolic transfers 10 times less manifold heat to the carburetor, resulting in cooler, more dense fuel changes.



41601
1" Holley 4150/4160
Standard open plenum



41604
2" Holley 4150
Standard open plenum



41605
1" Holley 4-hole, 4150/4160
1.775" Bore plenum



41603
2" Holley 4500
Standard open plenum



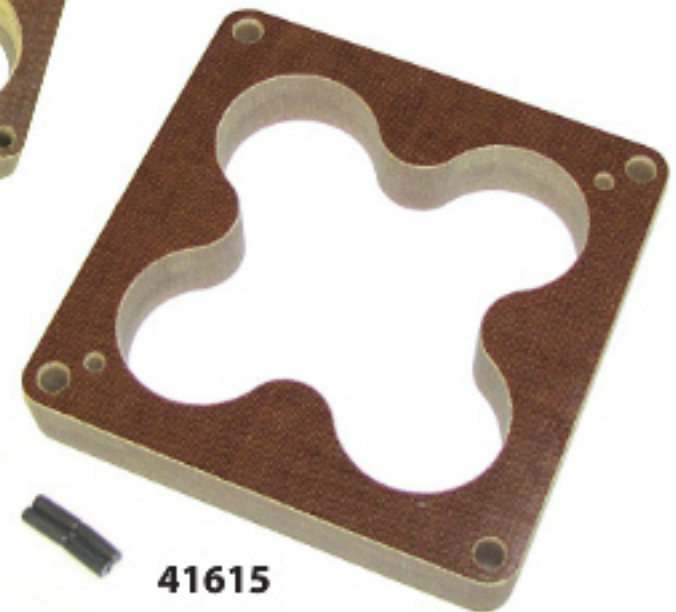
41602
1" Holley 4500
Standard open plenum

POWER FLOW PHENOLIC SPACERS

- Transfers cooler and more dense fuel/air mixtures
- Designed for maximum undisturbed air flow
- 15 HP increase over standard 1" open spacer!

PART NO.	DESCRIPTION	MODEL	CFM
UNIVERSAL			
41611	1" Pro grade phenolic carb spacer	4150	750
41612	1" Pro grade phenolic carb spacer	4150	850
41615	1" Pro grade phenolic carb spacer	4150	Cloverleaf
41616	1" Pro grade phenolic carb spacer	4500	1050
41617	1" Pro grade phenolic carb spacer	4500	1150
41618	1" Pro grade phenolic carb spacer	4500	1150

41618



41615

VELOCITY AIR CARB SPACERS

The V.A.C. spacer is designed to channel the intake signal through the plenum area to the maximum positive area of vacuum created in the runner. By doing so, fuel atomization is balanced among air molecules to form a consistency among the intake pulses resulting in a smoother powerband for the engine.

PLASTIC



41645
1" Four hole
4150/4160 Holley



41647
2" Four hole
4150/4160 Holley



41646
1" Four hole
4500 Holley



41648
2" Four hole
4500 Holley

ALUMINUM



41651
2 Barrel 2 hole
4412 Holley



41653
2" Four hole 4500 Holley
adapter to 4150 Manifold

LIGHTWEIGHT ALUMINUM



41649
1" Four hole
4150/4160 Holley



41652
2" Four hole
4150/4160 Holley



INTAKE SPACER

PART NO.	DESCRIPTION
UNIVERSAL	
41610	1" Holley two hole slider intake spacer kit

SHEAR PLATES

Designed to direct incoming air to efficiently develop more power and torque. They improve air/fuel distribution by increasing plenum area and broadening the horsepower range. Quality made from high-quality billet aluminum with an anodized finish for durability and corrosion resistance and great looks.



PART NO.	DESCRIPTION
UNIVERSAL	
550300	1/2" Holley 4150 shear plate
550301	2.000" Bore Holley 4500 shear plate
550302	2.125" Bore Holley 4500 shear plate

VACUUM LINE CAP KIT

Convenient kit provides a quick, sure way to seal vacuum line connections when vacuum lines have been removed. Vinyl. Package of 30.



PART NO.	DESCRIPTION
UNIVERSAL	
11100	Vinyl, Vacuum line cap kit, package of 30
11200	Black, EPDM rubber, vacuum cap assortment

ADAPTERS, FITTINGS, & CAPS

SURE SEAL SPACERS WITH O-RING SEAL

Enjoy the benefits of straightening out the air flow to the carburetor venturi plus the confidence of an O-Ring seal for your breather/filter. Available in 1" and 1/2" heights. Brushed aluminum.



PART NO.	DESCRIPTION
UNIVERSAL	
51105	1/2" Height
51110	1" Height
51120	Scoop mount spacer

INLET FITTING

PART NO.	DESCRIPTION
UNIVERSAL	
11626	7/8-20 x 3/8" Inverted flare



O-RING FITTINGS

Engine Works racing fuel pump and regulators are designed to utilize these O-Ring style AN fittings. The O-Ring design provides extra insurance against the possible leak of racing fuel.



PART NO.	DESCRIPTION
UNIVERSAL	
41846	06AN
41848	08AN
41840	10AN

BANJO SWIVEL FITTINGS

PART NO.	DESCRIPTION
UNIVERSAL	
11624	3/8" Hose
11625	5/16" Hose



CARB BANJO ADAPTER FITTINGS

RED / BLUE	BLACK	DESCRIPTION
UNIVERSAL		
32447	32447-BLK	-6AN x 9/16" -24
72447	72447-BLK	-6AN x 5/8" -24



ALUMINUM GAUGE PORTS

PART NO.	DESCRIPTION
UNIVERSAL	
42004	04AN Blue
42006	06AN Blue
53004	04AN Black
53006	06AN Black





CARBURETOR MAIN JETS



High quality carb jets machined to tight tolerances. Available in packages of 2 or 10.

2-PACK	10-PACK	JET SIZE
UNIVERSAL		
11220-58-2	11220-58	SIZE 58
11220-59-2	11220-59	SIZE 59
11220-60-2	11220-60	SIZE 60
11220-61-2	11220-61	SIZE 61
11220-62-2	11220-62	SIZE 62
11220-63-2	11220-63	SIZE 63
11220-64-2	11220-64	SIZE 64
11220-65-2	11220-65	SIZE 65
11220-66-2	11220-66	SIZE 66
11220-67-2	11220-67	SIZE 67
11220-68-2	11220-68	SIZE 68
11220-69-2	11220-69	SIZE 69
11220-70-2	11220-70	SIZE 70
11220-71-2	11220-71	SIZE 71
11220-72-2	11220-72	SIZE 72
11220-73-2	11220-73	SIZE 73
11220-74-2	11220-74	SIZE 74
11220-75-2	11220-75	SIZE 75
11220-76-2	11220-76	SIZE 76
11220-77-2	11220-77	SIZE 77
11220-78-2	11220-78	SIZE 78
11220-79-2	11220-79	SIZE 79
11220-80-2	11220-80	SIZE 80
11220-81-2	11220-81	SIZE 81
11220-82-2	11220-82	SIZE 82
11220-83-2	11220-83	SIZE 83
11220-84-2	11220-84	SIZE 84
11220-85-2	11220-85	SIZE 85
11220-86-2	11220-86	SIZE 86
11220-87-2	11220-87	SIZE 87
11220-88-2	11220-88	SIZE 88
11220-89-2	11220-89	SIZE 89
11220-90-2	11220-90	SIZE 90
11220-91-2	11220-91	SIZE 91
11220-92-2	11220-92	SIZE 92
11220-93-2	11220-93	SIZE 93
11220-94-2	11220-94	SIZE 94
11220-95-2	11220-95	SIZE 95
11220-96-2	11220-96	SIZE 96
11220-97-2	11220-97	SIZE 97
11220-98-2	11220-98	SIZE 98
11220-99-2	11220-99	SIZE 99
11220-100-2	11220-100	SIZE 100
11220-101-2	11220-101	SIZE 101
11220-102-2	11220-102	SIZE 102
11220-103-2	11220-103	SIZE 103
11220-104-2	11220-104	SIZE 104
11220-105-2	11220-105	SIZE 105
11220-106-2	11220-106	SIZE 106
11220-107-2	11220-107	SIZE 107
11220-108-2	11220-108	SIZE 108
11220-109-2	11220-109	SIZE 109
11220-110-2	11220-110	SIZE 110

MAIN JET EXTENSIONS

Moves jets further into the float bowl to improve fuel pickup during hard acceleration. Requires use of notched float. Package of 2.



PART NO.	DESCRIPTION
UNIVERSAL	
11250	Main jet extensions

ACCELERATOR PUMP DISCHARGE NOZZLE



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
UNIVERSAL			
11260-21	Straight type 021	11260-37	Straight type 037
11260-25	Straight type 025	11260-40	Straight type 040
11260-28	Straight type 028	11260-42	Straight type 042
11260-31	Straight type 031	11260-45	Straight type 045
11260-32	Straight type 032	11260-47	Straight type 047
11260-35	Straight type 035	11260-50	Straight type 050
		11260-52	Straight type 052

ACCELERATOR PUMP DIAPHRAGMS



PART NO.	DESCRIPTION
UNIVERSAL	
11355	30cc Pump, 2-Pack
11357	50cc Pump, 2-Pack

THROTTLE MICROSWITCH



PART NO.	DESCRIPTION
UNIVERSAL	
41678	Throttle microswitch, bracket included

WIDE OPEN THROTTLE MICRO SWITCH BRACKET

Made from 6061 billet aluminum and are precision fit to your carburetor for precise activation of the micro switch. Brackets will fit multiple applications including Holley HP and non-HP series carburetors, and will also fully adjust for different secondary arm applications. Each kit comes with stainless steel mounting hardware.



PART NO.	DESCRIPTION
UNIVERSAL	
550165	Wide open throttle nitrous switch mount kit for 4150 Carb
550175	Wide open throttle nitrous switch mount kit for 4500 Carb



THROTTLE RETURN SPRING KITS

Allows the easy addition of dual return springs to Holley 2300 and 4150/4160 series carbs. Includes one set each of soft and firm springs. Chrome.

PART NO.	DESCRIPTION
UNIVERSAL	
41689	Bracket and Springs
41699	Dual return spring kit



BILLET THROTTLE BRACKETS W/RETURN SPRINGS

These uniquely-designed throttle bracket assemblies are the answer to securely holding your throttle cable. They are furnished with a specially designed carburetor return spring mount which attaches to the carburetor for a clean installation and smooth return spring operation. Each bracket is crafted from 6061-T6 aluminum and machined to tight tolerances for smooth operation and precision adjustability.

CLEAR	BLACK	DESCRIPTION
UNIVERSAL		
550000	560000	4500 carb accepts GM cable
550001	560001	4500 carb accepts Lokar cable
550002	560002	4500 carb accepts Morse cable
550003	560003	4500 carb accepts Ford cable
550004	560004	4150/Edelbrock carb accepts GM cable
550005	560005	4150/Edelbrock carb accepts Lokar cable
550006	560006	4150/Edelbrock carb accepts Morse cable
550007	560007	4150/Edelbrock carb accepts Ford cable
550008	560008	4500 carb accepts Mopar cable
550009	560009	4150/Edelbrock carb accepts Mopar cable



ANODIZED KICKDOWN CABLE BRACKETS

CLEAR	BLACK	DESCRIPTION
UNIVERSAL		
550160	560160	GM style kickdown detent cable bracket
550161	560161	Lokar style kickdown detent cable bracket



BILLET THROTTLE RETURN BRACKETS

Billet throttle return brackets are the answer for those vehicles that have solid mechanical linkage. Each bracket is equipped with dual stainless steel return springs and is fully adjustable. The brackets are machined from 6061-T6 billet aluminum and are available in clear and black anodized.

CLEAR	BLACK	DESCRIPTION
UNIVERSAL		
550010	560010	Throttle return spring bracket fits 4150/Edelbrock
550011	560011	Throttle return spring bracket fits 4500 carb



Same Day Shipping From All of Our Fully Stocked Warehouses!





NITROUS VALVE MOUNTING BRACKETS W/ THROTTLE BRACKETS

These new nitrous valve mounting brackets will not only mount your nitrous valve but also hold your throttle linkage and return springs. All bracket kits come complete with stainless steel mounting hardware and feature direct fit cable ends for any stock or aftermarket throttle cable. Mounting bracket kits are available for single stage nitrous systems and will fit 4150/4160 and 4500 style carburetors. Each bracket is made from 6061-T6 billet aluminum and then hard coat anodized.

PART NO.	DESCRIPTION
UNIVERSAL	
550150	Single stage system, fits 4150 carb, accepts GM cable
550151	Single stage system, fits 4150 carb, accepts Lokar cable
550155	Single stage system, fits 4500 carb, accepts GM cable
550156	Single stage system, fits 4500 carb, accepts Lokar cable

FUEL PRESSURE REGULATOR MOUNTING BRACKETS



Brackets are made from 6061-T6 billet aluminum and will tightly secure four different style regulators. The bracket's bolt patterns are drilled to accept Holley, Magnaflow, Aeromotive, and Mallory regulators. The kit comes complete with four stainless steel button head bolts and four small aluminum spacers for easy installation.

PART NO.	DESCRIPTION
UNIVERSAL	
550100	Fits 4150 carb & Aero regulator
550101	Fits 4150 carb & Holley regulator
550102	Fits 4150 carb & Magnaflow regulator
550103	Fits 4150 carb & Mallory regulator
550105	Fits 4500 carb & Aero regulator
550106	Fits 4500 carb & Holley regulator
550107	Fits 4500 carb & Magnaflow regulator
550108	Fits 4500 carb & Mallory regulator



FUEL PRESSURE REGULATOR

PART NO.	DESCRIPTION
UNIVERSAL	
41803	Universal, 4.5 - 9 psi

NITROUS VALVE MOUNTING BRACKETS



PART NO.	DESCRIPTION
UNIVERSAL	
550153	Single stage system, fits 4150 carb
550158	Single stage system, 4500 bracket only

IN-LINE REGULATOR

- Black anodized billet aluminum body
- Return line back to tank NOT required
- Top mount adjuster screw and lock nut for fuel pressure
- 3/8" NPT inlet and outlet ports
- 1/8" NPT female port for fuel pressure gauge
- Mounting bracket included



PART NO.	DESCRIPTION
UNIVERSAL	
22205	1/8" NPT female threaded port, dead head, carb, 4.5 - 14 psi

BYPASS REGULATOR ADJUSTABLE 4PT

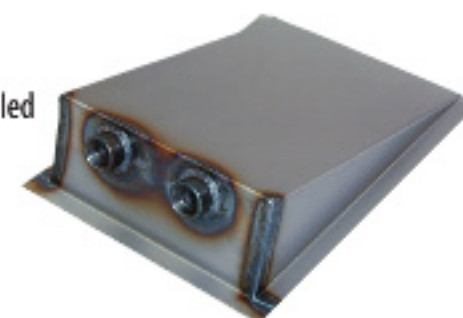
Carb, 1-25 psi. eliminates pressure creep and vapor lock. Features extra large 3/4" - 16 SAE threads (-8AN O-Ring port fittings) side inlet and bottom return ports, with dual 3/8" NPT side outlet ports, and one 1/8" NPT gauge port. Boost/vacuum reference port.



PART NO.	DESCRIPTION
UNIVERSAL	
22206	Regulator, carb, 1 - 25 psi
22207	Regulator, EFI, 30 - 100 psi

FUEL TANK SUMP KIT

- Ensures positive fuel flow
- Designed to fit stock fuel tanks
- Manufactured from 18-gauge cold rolled steel for easy welding
- Fittings not included
- Welding required
- Two 1/2" NPT weld bungs



PART NO.	DESCRIPTION
UNIVERSAL	
12720	Fuel tank sump kit



ELECTRIC FUEL PUMPS



41106

- Race-Proven
- Re-engineered rotary vein housing
- Improved fuel flow, long-term durability
- Low amperage draw, ultra quiet operation
- Rebuildable
- External pressure relief valve
- 3/8" NPT female inlet and outlet
- Mounting brackets and hardware included



22801

22802

PART NO.	APPLICATION	TYPE	GPH	HP
UNIVERSAL				
41106	Carb & EFI	In-Line	110 gph @ Free Flow @ 13.5V	Up to 700 hp
41825	EFI	In-Line	40 gph @ 40 psi @ 13.5V	Up to 500 hp
22801	Carb (Red)	External	105 gph @ Free Flow @ 13.5V	Up to 250 hp
22802	Carb (Blue)	External	110 gph @ Free Flow @ 13.5V	Up to 400 hp
22815*	Carb (Black)	External	140 gph @ Free Flow @ 13.5V	Up to 700 hp

* 22815 is alcohol compatible.

IN-TANK ELECTRIC FUEL PUMP

Choose from three performance options:

- **190 lph** (Liters per hour) - Free flows up to 50 gallons of fuel per hour. Capable of flowing enough fuel for 600hp applications.
- **255 lph** - Capable of free flowing 65 gallons per hour. Recommended for engines up to 750hp.
- **255 HO** (High Pressure Output) Flows 65 gallons an hour, but at pressures of up to 80 psi. Flows more fuel in "real life" applications.

PART NO.	APPLICATION	ENGINE	PERFORMANCE
UNIVERSAL			
41900	Universal In-Line	N/A	255 LPH
GM			
41911	85-91 Camaro	5.0L / 5.7L	255 HO
FORD			
41951	85-97 Mustang	4.6L / 5.0L	190 LPH
41952	85-97 Mustang	4.6L / 5.0L	255 LPH
41953	85-97 Mustang	4.6L / 5.0L	255 HO
41957	Ford Lightning - 2 Pump	5.8L	255 LPH



41951



41911

LIGHTWEIGHT FUEL PUMP PUSHROD

Lightweight tubular design with one hardened steel end and one bronze end for use on all aftermarket camshafts.

PART NO.	DESCRIPTION
UNIVERSAL	
41876	SB & BB Chevy, Standard length - No Bronze
41877	SB & BB Chevy, Standard length
41877-10	SB & BB Chevy, Standard length - 10 Pack
41878	0.200" longer pushrod, Merlin & Rocket blocks



41877



41878



ELECTRIC FUEL PUMP

Economical replacement for the stock pump.

PART NO.	DESCRIPTION
UNIVERSAL	
41801	2.5 to 4 psi

BILLET FUEL CELL CAPS

Replaces your existing plastic cap. Designed as a direct replacement for any Jaz, Harwood, or RCI fuel cell with a 4.438" 6 hole or 5.343" 12 hole bolt circle. Each cap is o-ring sealed and comes complete with stainless hardware.



CLEAR	RED	BLUE	BLACK	DESCRIPTION
UNIVERSAL				
550500	570500	580500	560500	Fuel Cell Cap & Bung Assembly
550551	570501	580501	560501	Cap Assembly w/ 12-Bolt Bung

FUEL CELL CAP GASKET



PART NO.	DESCRIPTION
UNIVERSAL	
5507625	6 Bolt fuel cell cap gasket
5507626	12 Bolt fuel cell cap gasket

BILLET FILLER CAP KITS

These universal caps will fit applications including rear ends, inspection covers and overflow tanks. Each cap kit features a screw in cap with an o-ring for positive sealing and a weld-in-bung of either steel or aluminum.



PART NO.	DESCRIPTION
UNIVERSAL	
550450	Billet filler cap kit w/ aluminum bung
550451	Billet filler cap kit w/ steel bung
550452	Billet filler cap kit w/ aluminum bolt on bung
580605	Large filler cap w/ aluminum bung



FUEL PUMP BLOCK-OFF PLATES

Each of Engine Works fuel pump block-off plates are machined from 6061-T6 billet aluminum and are available in four different finishes. Included with each plate are counter-sunk stainless steel buttonhead bolts and gasket.

CLEAR	RED	BLUE	BLACK	DESCRIPTION
CHEVY				
550400	570400	580400	560400	SB Chevy
550401	570401	580401	560401	BB Chevy

ROLL OVER VALVE



PART NO.	DESCRIPTION
UNIVERSAL	
407020	Roll over valve, 08AN

SB FORD MANIFOLD

- 3,500 - 8,500 RPM
- Funnel web design



PART NO.	DESCRIPTION
FORD	
71302	Ford 260 / 289 / 302

STREET FUEL FILTERS

Glass and chrome construction.



PART NO.	DESCRIPTION
UNIVERSAL	
41701	5/16" Filter
41702	3/8" Filter
41703	Replacement element



COMPETITION FUEL FILTER

Flows up to 90 GPH and holds up to 200 psi of pressure. Features an easily replaceable filter element. May be plumbed with AN type fittings and hose or with hose barb type fittings.



PART NO.	DESCRIPTION
UNIVERSAL	
41710	Street/Strip fuel filter, 3/8 NPT
41720	Replacement element

CHROME STREET/STRIP FUEL FILTER

Allows the filter to be mounted in tighter quarters than the 41710. Unit has 3/8 NPT ports, flows at a high rate for carbureted applications, and filters down to 35 microns.



PART NO.	DESCRIPTION
UNIVERSAL	
41711	Street/Strip fuel filter, 4.5" h x 2.5" diameter housing
41721	Replacement element

BILLET IN-LINE FUEL FILTERS

- 6061 Billet aluminum
- Race and Street applications
- O-Ring allows easy access to clean/wash

41752-RED



41750



BLACK	RED	LENGTH	IN/OUT	MICRON	FILTER
UNIVERSAL					
41750	41750-RED	11-1/2"	10 AN	100	Stainless
41751	41751-RED	11-1/2"	8 AN	120	Media
41752	41752-RED	11-1/2"	6 AN	120	Media
41761		1-1/2" Fuel Filter Roll Bar Bracket, 1-7/8" Fuel Filter Diameter			
41780		Stainless Filter - 100 Micron			
41781		Paper Media Filter - 120 Micron			

42760-BLUE



42800 & 42801



42883



BLACK	BLUE	LENGTH	IN/OUT	MICRON	FILTER
UNIVERSAL					
42740	42740-BLUE	2-1/2"	4 AN	40	Wire Screen
42750	42750-BLUE	2-1/2"	6 AN	40	Wire Screen
42760	42760-BLUE	3-3/4"	6 AN	40	Wire Screen
42770	42770-BLUE	2-5/8"	8 AN	40	Wire Screen
42780	42780-BLUE	4"	8 AN	40	Wire Screen
42800		Viton O-Ring seal for 42740, 42750, 42760, 42770, 42780			
42801		Filter screen - 40 Micron			
42880	42880-BLUE	6-1/4"	8 AN	10	Media
42881	42881-BLUE	6-1/4"	8 AN	100	Stainless
42883	42883-BLUE	6-1/2"	10 AN	100	Stainless
42885	42885-BLUE	8-1/4"	Female - 12 AN	100	Stainless
42802		Viton O-Ring seal for 42880, 42881, 42883			
42803		Filter media cellulose - 10 Micron			
42804		Viton O-Ring seal for 42885			
42805		Filter stainless mesh - 100 Micron - 12AN			
42806		Filter stainless mesh - 100 Micron -08/10AN			

42803





PRE-ASSEMBLED NITROUS LINES

Stainless braid cover with Teflon inner core. Pre-made and tested for the most popular applications.

BLUE = Nitrous / **RED** = Fuel.

NOS® PART NO.	PART NO.	AN	AN	LENGTH	COLOR
UNIVERSAL					
15020	613085	3	3	8.5"	BLUE
15021	623085	3	3	8.5"	RED
15030	613012	3	3	12"	BLUE
15031	623012	3	3	12"	RED
15040	613015	3	3	15"	BLUE
15041	623015	3	3	15"	RED
15050	613018	3	3	18"	BLUE
15051	623018	3	3	18"	RED
15060	613024	3	3	24"	BLUE
15070	613036	3	3	36"	BLUE
15080	613048	3	3	48"	BLUE
15200	614085	4	4	8.5"	BLUE
15210	614012	4	4	12"	BLUE
15220	614018	4	4	18"	BLUE
15230	614024	4	4	24"	BLUE
15240	614036	4	4	36"	BLUE
15250	614048	4	4	48"	BLUE
15260	614072	4	4	6'	BLUE
15261	623024	3	3	24"	RED
15270	614096	4	4	8'	BLUE
15071	623036	3	3	36"	RED
15201	624085	4	4	8.5"	RED
15211	624012	4	4	12"	RED
15221	624018	4	4	18"	RED
15231	624024	4	4	24"	RED
15280	614120	4	4	10'	BLUE
15290	614144	4	4	12'	BLUE
15295	614168	4	4	14'	BLUE
15300	614192	4	4	16'	BLUE
15305	614240	4	4	20'	BLUE
15340	614312	4	3	12"	BLUE
15241	624036	4	4	36"	RED
15341	624312	4	3	12"	RED
15345	614318	4	3	18"	BLUE
15350	614612	4	6	12"	BLUE
15355	614618	4	6	18"	BLUE
15400	616012	6	6	12"	BLUE
15401	626012	6	6	12"	RED
15405	616018	6	6	18"	BLUE
15410	616024	6	6	24"	BLUE
15411	626024	6	6	24"	RED
15420	616048	6	6	48"	BLUE
15430	616072	6	6	6'	BLUE
15346	624318	4	3	18"	RED
15450	616096	6	6	8'	BLUE
15460	616120	6	6	10'	BLUE
15470	616144	6	6	12'	BLUE
15475	616168	6	6	14'	BLUE
15480	616192	6	6	16'	BLUE
15081	623048	3	3	48"	RED
15490	616240	6	6	20'	BLUE



NITROUS PURGE VALVES

Bleeds nitrous vapor from supply lines and shows the world you use nitrous!

PART NO.	DESCRIPTION
UNIVERSAL	
41304	4AN Fitting
41306	6AN Fitting



BOTTLE NUT ADAPTERS

PART NO.	DESCRIPTION
UNIVERSAL	
12420	04AN Bottle nut w/ PTFE washer
12430	06AN Bottle nut w/ PTFE washer
12000-10	10-Pack Bottle nut washers



NITROUS BOTTLE NUT COMBO WRENCH

PART NO.	DESCRIPTION
UNIVERSAL	
560205	3AN, 4AN, 6AN, & 1 1/4" wrench



STAINLESS STEEL NITROUS JETS

These are the most common type of jets that are typically used in nitrous kits. Manufactured for dealers who want a large selection of jets for various applications, or racers looking for the widest range of tuning options.



SIZE	8-PACK
UNIVERSAL	
0.016	610016-8
0.017	610017-8
0.018	610018-8
0.019	610019-8
0.020	610020-8
0.021	610021-8
0.022	610022-8
0.023	610023-8
0.024	610024-8
0.025	610025-8
0.026	610026-8
0.027	610027-8
0.028	610028-8
0.029	610029-8
0.030	610030-8
0.031	610031-8
0.032	610032-8
0.033	610033-8
0.034	610034-8
0.035	610035-8
0.036	610036-8
0.037	610037-8
0.038	610038-8
0.039	610039-8
0.040	610040-8
0.041	610041-8
0.042	610042-8
0.043	610043-8
0.044	610044-8
0.045	610045-8
0.046	610046-8

SIZE	PART NO.
UNIVERSAL	
0.014	610014
0.015	610015
0.016	610016
0.017	610017
0.018	610018
0.019	610019
0.020	610020
0.021	610021
0.022	610022
0.023	610023
0.024	610024
0.025	610025
0.026	610026
0.027	610027
0.028	610028
0.029	610029
0.030	610030
0.031	610031
0.032	610032
0.033	610033
0.034	610034
0.035	610035
0.036	610036
0.037	610037
0.038	610038
0.039	610039
0.040	610040
0.041	610041
0.042	610042
0.043	610043
0.044	610044
0.045	610045
0.046	610046
0.047	610047
0.048	610048
0.049	610049
0.050	610050
0.051	610051
0.052	610052
0.053	610053
0.054	610054
0.055	610055
0.056	610056
0.057	610057
0.058	610058
0.059	610059
0.060	610060
0.061	610061
0.062	610062
0.063	610063
0.064	610064
0.065	610065
0.066	610066

SIZE	PART NO.
UNIVERSAL	
0.067	610067
0.068	610068
0.069	610069
0.070	610070
0.071	610071
0.072	610072
0.073	610073
0.074	610074
0.075	610075
0.076	610076
0.077	610077
0.078	610078
0.079	610079
0.080	610080
0.081	610081
0.082	610082
0.083	610083
0.084	610084
0.085	610085
0.086	610086
0.087	610087
0.088	610088
0.089	610089
0.090	610090
0.091	610091
0.092	610092
0.093	610093
0.094	610094
0.095	610095
0.096	610096
0.097	610097
0.098	610098
0.099	610099
0.100	610100
0.101	610101
0.102	610102
0.103	610103
0.104	610104
0.105	610105
0.106	610106
0.107	610107
0.108	610108
0.109	610109
0.110	610110
0.111	610111
0.112	610112
0.113	610113
0.114	610114
0.115	610115
0.116	610116
0.117	610117
0.118	610118
0.119	610119
0.120	610120



ALUMINUM CYLINDER HEADS

- 7° Locks and retainers
- 3/8" Screw-in studs
- 5/16" Stepped guideplates
- Spring height adjusted and professionally set
- Valve guides cleaned, inspected, and gel lubed
- Handles up to .600" lift @ 1.800"
- High grade aluminum heads
- Hardened seats
- Bronze valve guides
- Umbrella valve seals installed



PART NO.	STYLE	VOLUME	PLUG	CAM SPEC	SPRING	VALVES	PORT	FP
SMALL BLOCK CHEVY								
170050A	Complete	64/190	Straight	Hydraulic	920-16	1.60 / 2.02	---	---
171000A	Complete	64/205	Angle	Hydraulic	920-16	1.60 / 2.02	*Vortech	1255
171000AS	Complete	64/205	Angle	Solid / Hydraulic	927-16	1.60 / 2.02	*Vortech	1255
271000A	Complete	64/210	Angle	Hydraulic	920-16	1.60 / 2.02	---	---
271000AS	Complete	64/210	Angle	Solid / Hydraulic	927-16	1.60 / 2.02	---	---
271500A	Complete	64/210	Straight	Hydraulic	920-16	1.60 / 2.02	---	---
271500CNC	Complete	89/218	Straight	N/A	N/A	1.60 / 2.05	---	---
271500AS	Complete	64/210	Straight	Solid / Hydraulic	927-16	1.60 / 2.02	---	---
BIG BLOCK CHEVY								
170000A	Complete	119/320	---	Rectangle Port	22406	1.88 / 2.25	---	---
170000AS	Complete	119/320	---	Rectangle Port	22429	1.88 / 2.25	---	---
170500A	Complete	119/305	---	Oval Port	910-16	1.88 / 2.25	---	---
SMALL BLOCK FORD								
172000A	Complete	62/190	---	Hydraulic	920-16	1.60 / 2.02	---	---
172000AS	Complete	62/190	---	Solid / Hydraulic	927-16	1.60 / 2.02	---	---
172500A	Complete	62/210	---	Hydraulic	920-16	1.60 / 2.02	---	---
172500AS	Complete	62/210	---	Solid - Hydraulic	927-16	1.60 / 2.02	---	---

SPACER KIT FOR AS CAST HEADS



PART NO.	DESCRIPTION
CHEVY	
41660	BB Chevy, Tall Deck

STREET/STRIP MAIN BEARING CAPS

Manufactured of billet 1045 alloy steel. Each set includes 3 imported main caps.



PART NO.	DESCRIPTION
UNIVERSAL	
8391	350 4-bolt main, Stock replacement
8393	400 4-bolt main, 2 to 4-bolt conversion (18 degree angle)
8394	454 4-bolt main

CYLINDER HEAD DOWEL PINS



4-PACK	20-PACK	DESCRIPTION
CHEVY		
12225	12225-20	SB Chevy
12233	12233-20	BB Chevy

PERFORMANCE SERIES MAIN BEARING CAPS

Machined from alloy billet steel on CNC centers. Each set includes three caps, drill bushings, and OE replacement bolts.



PART NO.	DESCRIPTION
UNIVERSAL	
53504	350 4-bolt main, 2 to 4-bolt conversion
53504S	350 4-bolt main, 2 to 4-bolt conversion splayed (22° angle)

FORD MAIN CAP SUPPORT GIRDLES



Main support system makes it possible to produce 650-plus horsepower from a production block. Made of 3/4" Billet 6061-T6 aluminum, 289-302 SBF, 331/347/363 SBF Stroker. Designed for Factory, Dart Sportsman & Iron Eagle Blocks. Custom ARP fasteners. Also available for Street Series (4130 Chrome Moly Steel).

PART NO.	DESCRIPTION
FORD	
680351	351 Windsor main support - Race Series
680460	429/460 main support - Race Series
680302	289/302/331/347 main support - Race Series
680302B	Boss 302 main support, 4-Bolt - Race Series
580302	302 Main cap girdle and fasteners - Street Series
580351	351 Main cap girdle and fasteners - Street Series



COMPLETE BEARING SETS

- Quality bearing sets made by KING bearings
 - Sold in complete sets
 - Available in *Std*, *.010*, *.020*, *.030*
 - *.001 Undersize* available. See below.
- CB663H-1, MS1038H-1, MS829H-1, MS909H-1



PERFORMANCE SERIES				RACE SERIES			
PART NO.	YEAR	ROD	MAIN	ROD	ROD X	MAIN	MAIN X
CHEVY							
305	76-91	CB663P	MS909P	CB663H	CB663HX	MS909H	MS909HX
327	62-67	CB745P	MS429P	CB745H	CB745HX	MS429H	MS429HX
327	68-69	CB663P	MS909P	CB663H	CB663HX	MS909H	MS909HX
350	67-70	CB663P	MS909P	CB663H	CB663HX	MS909H	MS909HX
350	71-91	CB663P	MS909P	CB663H	CB663HX	MS909H	MS909HX
350 HP	69-80	CB663P	MS909P	CB663H	CB663HX	MS909H	MS909HX
396	65-70	CB743P	MS829P	CB743H	CB745HX	MS829H	MS829HX
400 SB	70-80	CB663P	MS1038P	CB663H	CB663HX	MS1038H	MS1038HX
402	70-72	CB743P	MS829P	CB743H (HD)	CB743HX	MS829H	MS829HX
427	66-91	CB743P	MS829P	CB743H (HD)	CB743HX	MS829H	MS829HX
454	70-91	CB743P	MS829P	CB743H (HD)	CB743HX	MS829H	MS829HX
FORD							
289	63-68	CB634P	MS590P	CB634H	CB634HX	MS590H	MS590HX
302	68-91	CB634P	MS590P	CB634H	CB634HX	MS590H	MS590HX
351W	69-76	CB831P	MS981P	CB831H	---	---	---
MOPAR							
318-360	58-03	CB481P	MS540P*	CB481H	---	MS540H	---
440	66-79	CB527P	---	CB527HD	---	MS877H	---

*1967-91 318 L.A. / 1958-66 318 Polysphere / 1968-73 340 L.A.

ENGINE FINISHING KITS



PART NO.	DESCRIPTION
GM	
46500	GM 283, 327, 350, 400 without seal housing
46501	GM 350, 400 with seal housing
46502	Big Block Chevy
FORD	
46503	Ford 289, 302, 351

HIGH PERFORMANCE THERMOSTATS



PART NO.	DESCRIPTION
GM	
41160	160°
41180	180°
41195	195°
FORD	
42160	160°
42180	180°
42192	192°
MOPAR	
43160	160°
43180	180°
43195	195°

FREEZE PLUG SETS

Brass or OE style steel. Includes water jacket plugs, cam plug, oil galley, and pipe plugs.



PART NO.	MATERIAL	DESCRIPTION
CHEVY		
60350	Brass	350 Chevy
61350	Steel	350 Chevy
60478	Steel	350 Chevy, 10-Pack, Cam plug only
60400	Brass	400 Chevy
60454	Brass	454 Chevy
61454	Steel	454 Chevy
60154	Steel	454 Chevy, 10-Pack, Cam plug only
FORD		
60302	Brass	302 Ford
61302	Steel	302 Ford
60471	Steel	302/351 Ford, 10-Pack, Cam plug only
60460	Brass	460 Ford
MOPAR		
60440	Brass	400-440 Mopar



FORGED PISTONS

All forged pistons are made from 4032 aluminum alloy and feature a forged dome, diamond finished skirts, and a true-arc lock ring with a broached pinhole. These pistons are a great fit for restoring a muscle car, circle track racing, or drag racing that showcase hypereutectic pricing. Many Chevy and Ford sizes are available. **OFFSET PIN PROVISION WHEN NECESSARY. ALL AVAILABLE IN .040 & .060.**



PART NO.	BORE	STROKE	ROD	C. HEIGHT	PROFILE	HEAD VOL	RINGS	WEIGHT/PIN	WRIST PIN
SMALL BLOCK CHEVY									
213500-030	4.030	3.480	5.700	1.565	Flat Top, 4 Relief	6.5cc	5/64, 5/64, 3/16	535/132	Offset
213501-030	4.030	3.480	6.000	1.265	Flat Top, 4 Relief	6.8cc	5/64, 5/64, 3/16	469/132	Offset
213502-030	4.030	3.480	5.700	1.561	.400 Dome	15.2cc	5/64, 5/64, 3/16	556/132	Std
213830-030	4.030	3.750	5.700	1.433	Dish, 4 Relief	-18.0cc	5/64, 5/64, 3/16	497/132	Offset
213831-030	4.030	3.750	5.700	1.433	Flat Top, 4 Relief	6.5cc	5/64, 5/64, 3/16	528/132	Offset
213832-030	4.030	3.750	6.000	1.133	Flat Top	7.0cc	5/64, 5/64, 3/16	450/132	Offset
213833-030	4.030	3.750	5.700	1.433	.400 Dome	15.2cc	5/64, 5/64, 3/16	545/132	Std
214270-030	4.280	3.750	6.135	1.765	.500 Dome	44.7cc	5/64, 5/64, 3/16	757/132	Std
214540-030	4.280	4.000	6.135	1.645	Flat Top	2.9cc	5/64, 5/64, 3/16	611/132	Std
214541-030	4.280	4.000	6.135	1.645	.200 Dome	18.3cc	5/64, 5/64, 3/16	682/132	Std
214542-030	4.280	4.000	6.135	1.645	.500 Dome	44.7cc	5/64, 5/64, 3/16	743/132	Std
SMALL BLOCK FORD									
213021-030	4.030	3.000	5.090	1.608	Flat Top	11.0cc	1/16, 1/16, 3/16	524/131	Std
213310-030	4.030	3.250	5.400	1.170	Flat Top	11.0cc	5/64, 5/64, 3/16	420/132	Std
213470-030	4.030	3.400	5.400	1.090	Flat Top	11.0cc	5/64, 5/64, 3/16	418/132	Std
213510-030	4.030	3.500	5.956	1.774	Flat Top	11.0cc	5/64, 5/64, 3/16	544/131	Std
214080-030	4.030	4.000	6.200	1.280	Flat Top	11.0cc	5/64, 5/64, 3/16	442/132	Std

FLAT TOP PISTONS

Available in .030, .040, & .060.

PART NO.	BORE	STROKE	ROD	C. HEIGHT	PROFILE	HEAD VOL	RINGS	WEIGHT/PIN
SMALL BLOCK CHEVY								
213357-030	4.000	3.480	5.700	1.565	2 Valve Relief	3.7cc	5/64, 5/64, 3/16	545/132
213857-030	4.000	3.750	5.700	1.433	2 Valve Relief	3.7cc	5/64, 5/64, 3/16	536/132
213860-030	4.000	3.750	6.000	1.125	2 Valve Relief	5cc	5/64, 5/64, 3/16	450/132
BIG BLOCK CHEVY								
213489-030	4.250	4.250	6.385	1.270	1 Valve	2.57cc	5/64, 5/64, 3/16	527/141
213496-030	4.250	4.250	6.385	1.270	Dome, Open Chamber	23cc	5/64, 5/64, 3/16	597/141



DIESEL BILLET STEEL CONNECTING RODS

Made from 100% highest quality, custom heat treated USA billet "Chromoly/Tungsten" which is far superior to 4340 alloys. (4) ARP2000 3/8" Rod Bolts with 10% higher clamping force than (2) 1/2" ARP2000 Bolts. Using these smaller 4 bolts allows us to design the rod with a more slender, but very strong cap and profile. This makes our rods about 300g lighter than an OEM rod. This takes a lot of stress off of the crankshaft, especially at higher than stock RPM's. All machining is done on NEW 4 & 5 Axis CNC mills right here in the USA. 3,000 HP Rated!!

PART NO.	DESCRIPTION
UNIVERSAL	
659670	5.9/6.7L Cummins All apps
866110	6.6L Duramax 2001-10
866117	6.6L Duramax 2011-Up
867110	6.7L Powerstroke 2011-Up

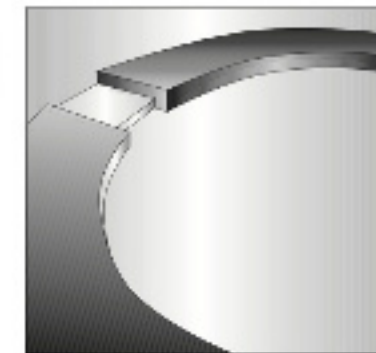


PISTON RING SETS

Features Torsional Plasma-moly nodular iron top rings for maximum tensile strength. The second ring is phosphate coated cast iron with reverse twist (torsional) taper face. Oil control rings are the race proven Mini Flex Vent design that allows for quicker oil return.

PERFORMANCE SERIES RING SETS W/TOTAL SEAL® TECHNOLOGY

Our Performance Series rings with Total Seal Gapless® 2nd rings offer complete sealing of combustion gases to harness the full power of the combustion stroke. Creates better vacuum to produce a stronger signal to pull fuel and air in for the next combustion occurrence. Resulting in increased horsepower and torque. Dyno tests reveal 6 to 9% improvement in horsepower and torque are often achieved. In addition, our Performance Series rings hold their seal long after conventional seals begin to fade due to gap spread. Leakdown tests prove the rings ability to hold their installed leakdown rate even after hours of grueling racing!



PISTON PIN SET



PART NO.	DESCRIPTION
UNIVERSAL	
479025	.9270D, .090W - 2.50L - 76 Gram
479036	.9900D, .130W - 2.93L - 130 Gram
479037	.9900D, .150W - 2.93L - 147 Gram

BORE	TENSION	RING WIDTHS	FILE FIT	NON-FILE FIT	PERFORMANCE SERIES
UNIVERSAL					
4.000	Standard	1/16, 1/16, 3/16	454005	---	---
4.000	Standard	5/64, 5/64, 3/16	454004	---	---
4.000	Low	1/16, 1/16, 3/16	454006	---	---
4.000	Standard	1/16, 1/16, 4mm	454007	---	---
4.030	Standard	1/16, 1/16, 3mm	454033	---	---
4.030	Standard	5/64, 5/64, 3/16	454034	444034	---
4.030	Standard	1/16, 1/16, 3/16	454035	444035	464035
4.030	Low	1/16, 1/16, 3/16	454036	---	464035
4.030	Standard	1/16, 1/16, 4mm	454037	444037	---
4.030	Standard	1/16, 1/16, 1/8	454038	444038	---
4.040	Standard	5/64, 5/64, 3/16	454044	---	---
4.040	Standard	1/16, 1/16, 3/16	454045	444045	464045
4.040	Low	1/16, 1/16, 3/16	454046	---	464046
4.040	Standard	1/16, 1/16, 4mm	454047	---	---
4.040	Standard	1/16, 1/16, 1/8	454048	---	---
4.060	Standard	5/64, 5/64, 3/16	454064	444064	---
4.060	Standard	1/16, 1/16, 3/16	454065	444065	464065
4.060	Low	1/16, 1/16, 3/16	454066	---	464066
4.060	Standard	1/16, 1/16, 4mm	454067	---	---
4.125	Standard	1/16, 1/16, 3/16	454130	444130	---
4.155	Standard	1/16, 1/16, 3/16	454160	444160	464160
4.155	Standard	5/64, 5/64, 3/16	454164	---	---
4.155	Standard	1/16, 1/16, 1/8	454168	---	---
4.165	Standard	1/16, 1/16, 3/16	454170	444170	464170
4.165	Standard	1/16, 1/16, 1/8	454178	---	---
4.250	Standard	1/16, 1/16, 3/16	454255	---	---
4.280	Standard	1/16, 1/16, 3/16	454285	444285	464285
4.280	Low	1/16, 1/16, 3/16	454286	---	---
4.310	Standard	1/16, 1/16, 3/16	454315	444315	464315
4.310	Low	1/16, 1/16, 3/16	454316	---	---
4.350	Standard	1/16, 1/16, 3/16	454355	444355	464355
4.375	Standard	1/16, 1/16, 3/16	454380	444380	464380
4.390	Standard	1/16, 1/16, 3/16	454395	---	---
4.440	Standard	1/16, 1/16, 3/16	454445	---	---
4.500	Standard	1/16, 1/16, 3/16	454505	444505	464505
4.530	Standard	1/16, 1/16, 3/16	454535	---	---
4.560	Standard	1/16, 1/16, 3/16	454565	---	---
4.600	Standard	1/16, 1/16, 3/16	454605	---	---

TOTAL SEAL® TECHNOLOGY

- IGNITION
- FUEL & AIR
- INTERNAL ENGINE
- VALVE TRAIN
- TIMING
- OIL SYSTEMS
- GASKETS
- FASTENERS
- PLUMBING
- TRANSMISSION
- EXHAUST & GAUGES
- TOOLS & SAFETY
- INDEX



STUD GIRDLES

Each stud girdle has been verified for accurate fit and application.

PART NO.	DESCRIPTION	SPACING (INT. TO EXT.)
CHEVY		
10400	SB Chevy stock stud location	1.774
10402	SB Chevy 40-60 offset	1.809
10403	SB Chevy Vortec centerbolt	1.774
10406	SB Chevy AFR / Brownfield w/offset studs	1.780
20400	BBC stock GM iron & aluminum 2X Brodix, Edelbrock	---
20401	BBC Bowtie, Dart, Merlin, Big M, Iron Eagle, Pro 1	---
20402	BBC Canfield / Victor	---
FORD		
50400	SB Ford stock stud location	1.760
50401	SB Ford fits Dart and AFR Heads, Windsor Sr.	1.780
50402	SB Ford fits TFS aluminum & steel HI port	1.900
50403	SB Ford fits TFS Twisted Wedge	0.120 Offset
50404	SB Ford Edelbrock Victor Jr.	1.770
50406	SB Ford Brodix Track 1	1.880
50400UL	SB Ford 260-351W, w/Ultra-Lite	1.880
10351	SB Ford Cleveland / Boss 302	---
70401	BB Ford 429 / 460	---
70402	BB Ford 429 / 460 SVO	---



GUIDEPLATES

Pressed from heat treated steel and finished in a black oxide coating. Sets of 8.

PART NO.	TYPE	APPLICATION	PUSHROD DIA.
CHEVY			
13400	Flat	SBC	5/16"
13401	Stepped	SBC	5/16"
13403	Stepped	BBC	3/8"
FORD			
50600-8	Flat	SBF	5/16"
60600	Curved	351C	5/16"



POLYLOCKS

Manufactured from high grade alloy steel, each polylock features our cold formed 12 point reduced head for quick R and R. The bottom of each polylock incorporates a .550" step that centers the polylock on the trunnion of the rocker arm. Each lock is finished in black oxide and is available in both 7/16" and 3/8". Stud girdle polylocks have .950" long shank. Packages of 8. Also available in EA.

Engine Builder bulk program available.

PART NO.	DESCRIPTION	STUD	ROCKER ARM SLOT WIDTH	LENGTH
UNIVERSAL				
31-8	Rocker Arm	3/8"	.585	1.325"
71-8	Rocker Arm	7/16"	.585	1.350"
36-8	Stud Girdle	3/8"	.585	2.100"
76-8	Stud Girdle	7/16"	.585	2.100"
78-8	Stud Girdle	7/16"	.585 BB Intake	2.600"

ROCKER ARM STUDS

Sets of 16.



PART NO.	DESCRIPTION	TYPE	STUD LENGTH	STUD SIZE
UNIVERSAL				
17507	SBC/SBF	190,000 psi	1.750"	3/8"
17517	SBC/SBF	150,000 psi	1.750"	7/16"
17527	SBC/SBF	190,000 psi	1.940"	7/16"



CAM & LIFTER KITS

Camshafts are machined and hardened in the USA! A rigorous inspection of the highest quality U.S. cam cores guarantees performance and longevity in any environment. Each camshaft is precision machined for street performance, drag racing, circle track, 4-wheeling, or towing.



PART NO.	IDLE	RANGE	PEAK TORQUE	ADV. DUR.	DUR. @ .050	LIFT	CENTERLINE
SMALL BLOCK CHEVY - HYDRAULIC							
135260H	Stocker	1600-5000	Low	270/278	194/204	398/421	107/117
135270H	Fair	1800-5200	Low	278/288	204/214	421/444	107/117
135280H	Fair	2200-5500	Mid	287/287	214/214	444/444	107/117
135286H	Fair	2200-5400	Mid	292/292	230/230	480/480	107/111
135287H	Fair	2200-5400	Mid	287/304	220/231	468/480	106/114
135290H	Fair	2200-5800	Mid	288/298	214/224	444/466	107/117
135291H	Fair	2600-6200	Mid	293/293	223/223	447/447	110/118
135298H	Low	2000-4800	Mid	298/298	224/224	466/466	107/117
135302H	Radical	3400-6500	Mid-High	302/302	246/246	508/508	106/112
135310H	Rough	3200-6500	Mid	303/313	234/244	488/508	107/117
135313H	Radical	3500-6500	Mid-High	313/328	244/254	508/532	107/117
SMALL BLOCK CHEVY - HYDRAULIC ROLLER 1987-94							
135284HR	Fair	1800-6000	Mid	288/284	210/215	462/470	106/114
135306HR	Rough	2200-6400	Mid	306/306	230/230	480/480	106/110
SMALL BLOCK CHEVY - SOLID LIFT							
135264S	Rough	3400-6800	Mid	280/280	246/246	498/498	106/110
135282S	Rough	3000-6400	Mid	282/290	240/250	520/520	104/108
135289S	Radical	4400-7400	Mid-High	290/298	258/266	538/556	99/111
135312S	Nasty	4600-7200	High	312/312	274/274	579/579	106/114
BIG BLOCK CHEVY - HYDRAULIC							
145270H	Stock	1500-5000	Low	282/292	204/214	477/503	107/117
145280H	Stock	2000-5500	Low-Mid	293/293	214/214	503/503	109/119
145284H	Fair	2200-5800	Mid	294/294	218/218	516/516	105/115
145292H	Rough	2500-6000	Mid	290/290	231/231	544/544	107/111
145310H	Fair	1800-5000	Mid	310/325	222/235	500/505	110/120
145312H	Nasty	2500-6200	Mid-High	304/304	246/246	576/576	106/114
145316H	Low	2800-6500	Mid	316/332	244/254	576/603	105/115
BIG BLOCK CHEVY - SOLID LIFT							
145320S	Radical	3400-6800	Mid-High	301/304	250/261	576/639	108/116
SMALL BLOCK FORD - HYDRAULIC							
130260H	Stock	1500-4500	Low	258/271	190/202	413/437	105/115
130270H	Fair	2200-5500	Low	280/289	204/214	449/473	108/116
130280H	Fair	2000-5200	Mid	297/297	218/218	458/458	106/120
130287H	Rough	3200-6800	Mid	288/288	231/231	512/512	106/114
SMALL BLOCK FORD - HYDRAULIC ROLLER							
130282HR	Fair	1500-6000	Mid	285/285	219/219	498/498	110/110
130289HR	Fair	1800-6500	Mid	300/309	222/232	509/532	107/117
SMALL BLOCK FORD 351W & 302HO HYDRAULIC							
132260H	Stock	1500-4500	Low	260/270	194/204	424/448	105/115
132270H	Stock	2000-5500	Low-Mid	280/290	204/214	449/473	107/117
132280H	Nice	2800-6400	Mid-Upper	289/300	214/224	473/497	107/117
132290H	Fair	2800-6400	Mid	300/306	224/234	497/520	107/117
BIG BLOCK FORD 429-460 - HYDRAULIC							
146280H	Nice	2200-5800	Good-Low	292/302	214/224	512/538	107/117
SMALL BLOCK CHRYSLER - HYDRAULIC							
131270H	Stock	1500-4800	Low	280/280	208/208	421/421	105/115
131275H	Slight Lope	1800-5000	Low-Mid	278/288	204/214	421/444	107/117
131280H	Lopey	2200-5600	Mid	288/298	214/224	444/466	107/117
PONTIAC - HYDRAULIC							
140270H	Stock	1500-5000	Low	278/288	204/214	420/443	105/115
140286H	Healthy	2800-6000	Mid-Upper	287/287	231/231	480/480	102/118

IGNITION

FUEL & AIR

INTERNAL ENGINE

VALVE TRAIN

TIMING

OIL SYSTEMS

GASKETS

FASTENERS

PLUMBING

TRANSMISSION

EXHAUST & GAUGES

TOOLS & SAFETY

INDEX



CAM BOLT LOCK PLATE

Each plate is stamped from cold steel, features bendable tabs to lock the cam bolts in place, and is finished in black oxide. Kit comes with zinc alloy 150,000 psi bolts.



PART NO.	DESCRIPTION
CHEVY	
130000	SBC/BBC cam lock and bolts
130000B	10 set shop pack

CAM WALK BUTTONS

Needle bearing cam buttons are designed to prevent cam walk in engines at high RPM. Billet aluminum buttons are recommended for flat tappet, hydraulic cams only.

130010



130016B



1-PACK	10-PACK	25-PACK	TYPE	APPLICATION	DIA.	LENGTH
CHEVY						
130010	130010B	130010-25	Aluminum	SBC	.874	.793
130011	130011B	130011-25	Roller	SBC	.874	.793
130015	130015B	130015-25	Aluminum	BBC	.712	.945
130016	130016B	130016-25	Roller	BBC	.712	.945

UNIVERSAL DEGREE WHEEL KIT

Designed to degree cam with cylinder heads on the car. Includes 9" degree wheel, dial indicator, TDC stop, check springs, pointer and fixture. Instructions included.



PART NO.	DESCRIPTION
UNIVERSAL	
15024	Universal degree wheel kit 9"

DEGREE BUSHING KIT

A must for proper degreing of camshafts. Each bushing is precision machined and color coded for easy identification. Package of 2 each 2°, 4°, 6°, 8°, 0°. Requires 12/32" drill bit.



PART NO.	DESCRIPTION
CHEVY	
300-10	Degree bushing kit, SBC & BBC

LIFTERS CONVERSION CHART

PART NO.	CONVERSION NUMBERS		APPLICATION	EW STYLE	TRAY
ML48M-16	VL048RM	VT2000	SBF/BBF	EATON	122
ML163H-16	VL163	HL7003	BBC	EATON	128
ML817H-16	VL037	HL1817	SBC/BBC	DELPHI	128
ML817R-16	VL66RH	HL1817HP	SBC/BBC	DELPHI	128
ML900H-16	VL035	HL1900	SBF/BBF	EATON	122
ML900R-16	VL67RH	HL1900HP	SBF/BBF	EATON	122
ML951H-16	VL049	HL1951	PONTIAC	EATON	128
ML969H-16	VL73	HL1969	BUICK	EATON	---
ML976H-16	VL64	HL1976	BB CHRYSLER	EATON	117
ML992M-16	VL063	VT1992	SBC/BBC	EATON	128
ML2011H-16	VL89	HL2011	AMC V8	EATON	117
ML2148H-16	VL115	HL2148	SBC, LS1	EATON	128
ML2205H-16	VL100	HL2205	SBF	EATON	128





LIFTER SETS

Manufactured from wear resistant cast iron.

HYDRAULIC	MECHANICAL	APPLICATION
CHEVY		
ML817H-16	ML992M-16	SBC / BBC, 16-Pack
ML817H-TRAY	ML992M-TRAY	SBC / BBC, 128-Pack
FORD		
ML900H-16	ML48M-16	SBF / BBF 429-460, 16-Pack
CHRYSLER		
ML2011H-16	---	SB Chrysler / AMCV8
ML976H-16	---	BB Chrysler
PONTIAC / OLDSMOBILE		
ML951H-16	---	Pontiac / Oldsmobile V8
BUICK		
ML969H-16	---	Buick 350, 455

HYDRAULIC ROLLER LIFTERS

The finest hydraulic roller lifters for engines originally produced with factory roller valvetrains. Intended for camshafts within the range of standard lobe lifts and cam base circles. Stock factory roller pushrod lengths are maintained when these lifters are used. Sold in sets of 16.

PART NO.	DESCRIPTION
CHEVY	
ML163H-16	BB Chevy Gen V and VI
ML2148H-16	SB Chevy 305, 350, and 5.7 LS1 from 87-99
FORD	
ML2205H-16	SB Ford 302, 302 HO, 5.0L 1985-2000, and 351W 1994-97
ML2083H-16	BB Ford 352, 390, 429



EXTREME DUTY MECHANICAL LUBE LIFTERS

Specifically designed for excessive valve spring loads. Features a .021" oil port in the center of lifter that feeds a constant supply of oil to the cam lobe. Set of 16.

PART NO.	DESCRIPTION
CHEVY	
10710-16	SBC / BBC
FORD	
50710-16	SBF / BBF

ANTI-PUMP UP LIFTERS

Anti-Pump Up lifters are specifically designed to allow hydraulic lifter engines to reach higher RPMs. Special internal valving prevents lifter pump up allowing the engine to reach its full potential.

PART NO.	DESCRIPTION
CHEVY	
ML817R-16	SBC / BBC
FORD	
ML900R-16	SBF / BBF





STAMPED ROLLER TIP ROCKERS

Stamped rockers have been modified with a roller tip to reduce friction and have a long slot to accommodate higher cam lift applications. Kit includes 16 heat treated steel rocker arms, rocker balls and nuts. *Pro Series is U.S. made with premium steel.*

PART NO.	DESCRIPTION
CHEVY	
13020	SBC 3/8" stud, 1.5 ratio long slot
13051	SBC 3/8" stud, 1.6 ratio long slot
CHEVY - PRO SERIES	
13025	SBC 3/8" stud, 1.5 ratio
13026	SBC 3/8" stud, 1.6 ratio

PERFORMANCE SERIES ROCKER ARMS

6061-T6 extruded aluminum, .650" max lift, precision needle and cage bearings, CNC machined pushrod cups, Cr40 steel roller tips, polylocks included. Sets of 16.



PART NO.	MODEL	STUD	RATIO
CHEVY			
35011	SBC	3/8"	1.5
35012	SBC	3/8"	1.6
35013	SBC	7/16"	1.5
35014	SBC	7/16"	1.6
45411	BBC	7/16"	1.7
FORD			
30211	SBF	3/8"	1.6

STAMPED LONG SLOT ROCKERS

The entry level performance rocker arm for the Small Block Chevy. These high strength steel rocker stampings have a longer stud slot to prevent stud bind with higher than stock lift cams. U.S. made and heat treated to withstand engine loads above stock. Set comes complete with 16 rocker arms, oil grooved rocker balls and nuts.



PART NO.	DESCRIPTION
CHEVY	
13050	SBC 3/8" stud, 1.5 ratio
13050-2	SBC 3/8" stud, 1.5 ratio - 2-PACK
13056	SBC 3/8" stud, 1.6 ratio
13038-2	3/8" Rocker Arm Balls & Nuts - Heat Treated, Grooved - 2Pk
13038-8	3/8" Rocker Arm Balls & Nuts - Heat Treated, Grooved - 8Pk

STAINLESS STEEL ROCKER ARMS

Premium high quality stainless body. Oversized full needle trunnion & roller tip, .650" + max lift capability. Eliminate deflection at max RPM. Polylocks included.



PART NO.	MODEL	STUD	RATIO
CHEVY			
35031	SBC	3/8"	1.5
35032	SBC	3/8"	1.6
35033	SBC	7/16"	1.5
35034	SBC	7/16"	1.6
45431	BBC	7/16"	1.7
FORD			
30230	SBF	3/8"	1.6
30231	SBF	7/16"	1.6



SPRING CUPS

Spring cups are a must for aluminum heads and are critical in controlling "dancing" on the spring pad at high RPM. Engine Works spring cups are made from 4140 chromemoly and are available in both ID and OD type in .070" thickness. Packaged in sets of 16.

PART NO.	TYPE	OD	ID	SPRING OD	SPRING ID
UNIVERSAL					
252-16	ID Cup	1.550	.640	---	.740
253-16	ID Cup	1.620	.640	---	.740
254-16	ID Cup	1.550	.565	---	.740
255-16	ID Cup	1.620	.570	---	.740
256-16	ID Cup	1.550	.570	---	.810
257-16	ID Cup	1.550	.570	---	.715
261-16	OD Cup	1.550	.690	1.440	---
262-16	OD Cup	1.580	.640	1.475	---
263-16	OD Cup	1.630	.640	1.510	---
264-16	OD Cup	1.680	.570	1.565	---
265-16	OD Cup	1.740	.640	1.650	---



HEAVY DUTY VALVE SPRINGS

Made from Vanadium-Elector Ultra Clean material, these valve springs represent some of the best springs on the market when used under race conditions because of their long life expectancy. Each set is batch tested for consistency and matched to +/- 10% of the stated spring rate. Each spring is precision wound, ground for tolerance, and stress relieved to ensure longevity in extreme engine conditions.



PART NO.	DESCRIPTION	SEAL PRESSURE INSTALL HEIGHT	OPEN GROSS MAX LIFT PRESSURE	COIL BIND
UNIVERSAL				
900-16	Single Spring w/ Damper 1.260 OD / .876 ID	110# @ 1.700	285# / 1.210"	1.160
905-16	Single Spring w/ Damper 1.435 OD / 1.035 ID	110# @ 1.680	290# / 1.187"	1.100
910-16	Single Spring w/ Damper 1.475 OD / 1.061 ID	110# @ 1.800	260# / 1.300"	1.240
915-16	Single Spring w/ Damper 1.460 OD / 1.060 ID	106# @ 1.850	281# / 1.250"	1.150
920-16	Single Spring w/ Damper 1.260 OD / .876 ID	115# @ 1.800	341# / 1.200"	1.150
925-16	Single Spring w/ Damper 1.435 OD / 1.035 ID	117# @ 1.687	190# / 1.187"	1.000
927-16	Single Spring w/ Damper 1.260 OD / .876 ID	145# @ 1.750	365# / 1.200"	1.160
940-16	Dual Spring w/ Damper 1.437 OD / 1.080 ID , .953 OD / .697 ID	110# @ 1.750	215# / 1.250"	1.125
942-16	Dual Spring w/ Damper 1.460 OD / 1.060 ID , .953 OD / .697 ID	106# @ 1.850	281# / 1.250"	1.150
945-16	Dual Spring w/ Damper 1.460 OD / 1.060 ID Outer , .970 OD / .700 ID Inner	106# @ 1.850	281# / 1.250"	1.150
960-16	Dual Spring w/ Damper 1.539 OD / 1.125 ID Outer , 1.015 OD / .731 ID Inner	136# @ 1.937	301# / 1.375"	1.200
980-16	Dual Spring 1.500 OD / 1.116 ID Outer , 1.116 OD / .800 ID Inner	154# @ 1.750	208# / 1.150"	1.080
985-16	Dual Spring 1.540 OD / 1.115 ID Outer , 1.025 OD / .729 ID Inner	225# @ 1.950	400# / 1.230"	1.190
989-16	Dual Spring w/ Damper 1.555 OD / 1.130 ID Outer , 1.040 OD / .743 ID Inner	175# @ 2.000	406# / 1.280"	1.190
992-16	Dual Spring w/ Damper 1.625 OD / 1.174 ID Outer , 1.060 OD / .768 ID Inner	158# @ 2.000	457# / 1.250"	1.150

Same Day Shipping From All of Our Fully Stocked Warehouses!



VALVE SPRING SHIM KITS

Premium quality flat shims are designed for strength under higher seat pressures. Flat shims are especially important on aluminum heads as they do not cut or damage the spring pad and lay flat so they create no harmonics in the spring and are less likely to create lateral loading. Each set contains 16 each of .015, .030, and .060 thick shims.

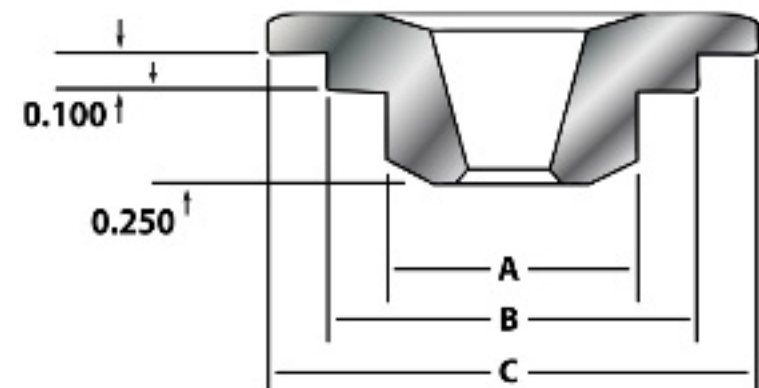


STEEL AND TITANIUM RETAINERS 7° & 10°

Electronically controlled TRAUB screw machines ensure accuracy to the .001". Retainers are machined from 4140 Steel and 6AL-4V Titanium.

Part # 500-16 also available in 100 pack Part # 500-100*

PART NO.	OD SIZE	ID SIZE	THICKNESS
UNIVERSAL			
99250	1.250	0.814	n/a
99437	1.437	0.645	n/a
99438	1.438	0.766	n/a
99480	1.480	0.765	n/a
99500	1.500	0.645	n/a
99640	1.640	0.643	n/a
1153-100	1.500	0.645	.015
1185SHP-100	1.634	0.643	.015
3153-100	1.500	0.645	.030
3185SHP-100	1.634	0.643	.030
6153-100	1.500	0.645	.060
6185SHP-100	1.634	0.643	.060



PART NO.	TYPE	SPRING NO.	SPRING SIZE	LOCK DEGREE	STEM SIZE	INSTALL	A	B	C
STEEL									
500-16	4140	900/920	1.260 Single	7°	11/32	Stock	.680	.870	1.230
501-16	4140	900/920/927	1.260 Single	7°	11/32	+.050	.680	.870	1.230
502-16	4140	910/915/925/940/942/945	1.4 to 1.5 Dual	7°	11/32	Stock	.700	1.950	1.400
503-16	4140	940/942/945	1.4 to 1.5 Dual	7°	11/32	+.050	.700	1.060	1.400
504-16	4140	910/915/945	1.4 to 1.5 Dual	7°	3/8	+.050	.695	1.080	1.400
505-16	4140	960/980	1.4 to 1.5 Dual	7°	3/8	+.050	.690	1.120	1.490
507-16	4140	905	1.4 to 1.5 Dual	7°	11/32	Stock	.660	2.987	1.330
510-16	4140	910/915/925/940/942/945	1.4 to 1.5 Dual	10°	All	+.050	.675	1.060	1.400
512-16	4140	960/980/985/987/989	1.5 to 1.55 Dual	10°	All	+.100	.695	1.120	1.490
513-16	4140	992	1.625 Dual	10°	All	+.050	.740	1.285	1.675
TITANIUM									
520-16	6AL-4V	940/942/945	1.437 to 1.550	10°	All	STD	.675	1.060	1.400
521-16	6AL-4V	960/980/985/987/989	1.550 Single	10°	All	+.100	.695	1.120	1.490
525-16	6AL-4V	992	1.625 Dual	10°	All	+.100	.740	1.285	1.675

VALVETRAIN KITS

Kit contains:

- Valves
- Retainers
- Springs
- Locks



PART NO.	DESCRIPTION
CHEVY	
VTK100	SB Chevy, w/ #900 Springs, 1.600 & 2.02 Valves
VTK101	SB Chevy, w/ #900 Springs, 1.50 & 1.94 Valves
VTK115	SB Chevy, w/ #915 Springs, 1.600 & 2.080 Valves + .100 long
VTK185	SB Chevy, w/ #985 Springs, 1.600 & 2.080 Valves + .100 long
VTK210	BB Chevy, w/ #910 Springs, 1.880 & 2.190 Valves
VTK289	BB Chevy, w/ #989 Springs, 1.880 & 2.250 Valves

SB CHEVY STREET VALVETRAIN KIT

Kit contains:

- EW900 springs
- Machined retainers
- 7° Locks
- Guideplates
- 3/8" Screw-In rocker arm studs
- Valve seals



PART NO.	DESCRIPTION
CHEVY	
VTK1000	1.60/2.02 Valves
VTK1000-ST	1.50/1.94 Valves
VTK1001	1.60/2.02 Valves, 7/16" Screw-In studs



OE REPLACEMENT STEM SEALS



Original equipment replacement seals for Street & Strip applications.

16-PACK	100-PACK	SEAL TYPE	APPLICATION
CHEVY			
---	11100-100	O-Ring	SBC
11135-16	11135-100	Umbrella	SBC
11145-16	11145-100	Umbrella	BBC

TEFLON OIL STEM SEALS

These seals feature a positive fit spring to ensure a proper fit on the valve guide and prevent unwanted oil contamination of the cylinder. Seals are recommended for race engine applications and come packaged in sets of 16 or 100.



16-PACK	100-PACK	STEM DIA.	GUIDE DIA.
UNIVERSAL			
12340-16	12340-100	.312" - 11/32"	.500"
12343-16	12343-100	.343" - 11/32"	.530"
12370-16	12370-100	.343" - 3/8"	.500"
12375-16	12375-100	.373" - 3/8"	.530"

LASH CAPS

Designed to protect valves from high RPM rocker arm punishment. Each lash cap is made from 4340 chromemoly steel and is heat treated for strength. All lash caps are lapped to ensure proper fit and drilled for improved oiling to the stem to prevent wear.



PART NO.	DESCRIPTION
UNIVERSAL	
280-16	11/32" - Pack of 16
281-16	3/8" - Pack of 16



7 AND 10 DEGREE VALVE LOCKS

Available in machined, stamped, and forged construction. Machined locks are precision cut from billet bar stock and are recommended for severe applications. Available in 7° and 10°. Stamped heat treated steel locks are recommended for claimer and street/strip engines up to 6500 RPM. Forged locks are cold forged alloy steel, stronger and more accurate than machined. Valve locks are available in packages of 16 or 100.

16-PACK	100-PACK	DESCRIPTION	DEGREES	STEM SIZE	INSTALL HEIGHT
UNIVERSAL					
201-16	201-100	Stamped	7°	11/32"	Stock
202-16	202-100	Stamped	7°	11/32"	+.050
203-16	203-100	Stamped	7°	11/32"	-.030
204-16	204-100	Stamped	7°	11/32"	-.060
210-16	210-100	Stamped	7°	3/8"	Stock
220-16	220-100	Machined	7°	11/32"	Stock
225-16	---	Machined	7°	3/8"	Stock
230-16	---	Machined	10°	11/32"	Stock
232-16	232-100	Machined	10°	3/8"	Stock
242-16	---	Forged	7°	11/32"	Stock
243-16	---	Forged	7°	11/32"	+.050
245-16	---	Forged	7°	3/8"	+.050
247-16	---	Forged	10°	11/32"	Stock
249-16	---	Forged	10°	3/8"	Stock

SELF LUBRICATING VALVE STEM SEALS

Race engines require oil control and valve stem lubrication. Positive type stem seals provide both. A unique self-lubricating material allows a controlled amount of oil for valve guide and stem lubrication. Seals can operate at 550° continuous operating temperatures and tolerate alcohol and Nitromethane Fuels.



PART NO.	STEM DIAMETER	GUIDE DIAMETER
UNIVERSAL		
11312-16	.312" - 5/16"	.530"
11340-16	.343" - 11/32"	.500"
11343-16	.343" - 11/32"	.530"
11373-16	.373" - 3/8"	.530"

VITON VALVE STEM SEALS

Available in packages of 2, 16, or 100.



2-PACK	16-PACK	100-PACK	DESCRIPTION
UNIVERSAL			
14042-2	14042-16	14042-100	5/16", .500
14043-2	14043-16	14043-100	11/32", .500
14044-2	14044-16	14044-100	3/8", .500
14045-2	14045-16	14045-100	11/32", .530
14046-2	14046-16	14046-100	3/8", .530
14047-2	14047-16	14047-100	5/16", .530



SERIOUS HORSEPOWER

SPRING-RETAINER LOCK SYSTEMS

Premium valve springs, chrome moly machined retainers and machined valve locks, all in one convenient package.

PART NO.	APPLICATION	VALVE SPRING	OD	DEGREES
UNIVERSAL				
SRK915	SBC/SBF	Solid or Hyd Roller	1.460	7°
SRK940	SBC/SBF	Solid or Hyd Roller	1.437	7°
SRK945	SBC/SBF	Solid or Hyd Roller	1.460	10°
SRK960	SBC/SBF	Roller Cam	1.539	10°
SRK989	BBC/SBF	Roller Cam	1.550	10°
CHEVY				
SRK900	SBC	Mild Hyd/Stock	1.260	7°
SRK920	SBC	Hydraulic/Solid	1.260	7°
SRK927	SBC	Solid or Hyd Roller	1.260	7°
SRK985	BBC	Roller Cam	1.540	10°
FORD				
SRK980	SBF	Roller Cam	1.500	10°
PONTIAC				
SRK905	Pontiac	Mild Hydraulic	1.435	7°
CHRYSLER				
SRK910	BB Chrysler	Hydraulic	1.475	7°

Same Day Shipping From All of Our Fully Stocked Warehouses!



TN: 800.251.0331
TX: 866.520.1929
FL: 866.520.1932



STREET SERIES VALVES

- 21-4AN Stainless Steel
- Chrome stem and micropolished



PART NO.	TYPE	HEAD DIA.	STEM DIA.	TIP LENGTH	OVERALL LENGTH	GRAM WEIGHT
CHEVY						
211150	Exhaust	1.500	11/32"	.280	4.90	89
211160	Exhaust	1.600	11/32"	.290	4.80	94
211194	Intake	1.940	11/32"	.265	4.89	107
211202	Intake	2.020	11/32"	.260	4.88	109
221188	Exhaust	1.880	3/8"	.225	5.35	122
221219	Intake	2.190	3/8"	.220	5.21	124



STREET / STRIP SERIES VALVES

- Proven substantial increase in flow
- Recommended for high performance street and budget racing
- Hard tips, chrome stems, swirl polished
- 1-Piece forged from premium 21-4N Stainless Steel and features a hard wafer tip (RC55 minimum).



PART NO.	TYPE	HEAD DIA.	STEM DIA.	TIP LENGTH	OVERALL LENGTH
CHEVY					
215150	Exhaust	1.500	11/32"	.250"	Stock 4.910
215160	Exhaust	1.600	11/32"	.250"	Stock 4.910
215161	Exhaust	1.600	11/32"	.250"	+ .100 5.025
215194	Intake	1.940	11/32"	.250"	Stock 4.910
215202	Intake	2.020	11/32"	.250"	Stock 4.910
215203	Intake	2.020	11/32"	.250"	+ .100 5.025
215205	Intake	2.055	11/32"	.250"	Stock 4.910
215206	Intake	2.055	11/32"	.250"	+ .100 5.025
215209	Intake	2.080	11/32"	.250"	+ .100 5.025

PERFORMANCE SERIES VALVES

- XH-426 & NK-842 Stainless Steel
- Made in the USA
- Proven extreme increase in flow
- Recommended for bracket racing and hardcore oval
- Hard tips, chrome stems, swirl polished



PART NO.	TYPE	HEAD DIA.	STEM DIA.	TIP LENGTH	OVERALL LENGTH
CHEVY					
216150	Exhaust	1.500	11/32"	.290"	Stock 4.951
216151	Exhaust	1.500	11/32"	.290"	+ .100 5.065
216160	Exhaust	1.600	11/32"	.290"	Stock 4.951
216161	Exhaust	1.600	11/32"	.290"	+ .100 5.065
216162	Exhaust	1.600	11/32"	.290"	+ .200 5.165
216163	Exhaust	1.625	11/32"	.290"	+ .100 5.065
216194	Intake	1.940	11/32"	.290"	Stock 4.951
216195	Intake	1.940	11/32"	.290"	+ .100 5.040
216202	Intake	2.020	11/32"	.290"	Stock 4.951
216203	Intake	2.020	11/32"	.290"	+ .100 5.040
216204	Intake	2.020	11/32"	.290"	+ .200 5.140
216205	Intake	2.055	11/32"	.290"	Stock 4.940
216206	Intake	2.055	11/32"	.290"	+ .100 5.040
216208	Intake	2.080	11/32"	.290"	+ .100 5.040
216209	Intake	2.080	11/32"	.290"	+ .200 5.140
216210	Intake	2.100	11/32"	.290"	+ .100 5.040
216188	Exhaust	1.880	11/32"	.250"	Stock 5.422
216189	Exhaust	1.880	11/32"	.250"	+ .100 5.522
216219	Intake	2.190	11/32"	.250"	Stock 5.244
216220	Intake	2.190	11/32"	.250"	+ .100 5.344
216225	Intake	2.250	11/32"	.250"	Stock 5.244
216226	Intake	2.250	11/32"	.250"	+ .100 5.344
216227	Intake	2.250	11/32"	.250"	+ .250 5.494
217188	Exhaust	1.880	3/8"	.250"	Stock 5.422
217219	Intake	2.190	3/8"	.250"	Stock 5.244
217225	Intake	2.250	3/8"	.250"	Stock 5.244



PERFORMANCE SERIES PUSHRODS .080" WALL

One-piece, centerless-ground, chrome moly, sae 4130 seamless pushrods. Case hardened to Rc60, and designed for use in hot street motors and/or oval track race cars, sport compacts, drag race, and marine applications. Manufactured with 5/16" and 3/8" ball ends, and are available in lengths of 7.000" to 11.550" in increments of .025". Ball ends are machined to a tolerance of .001" and the pushrods are laser-etched with Engine Works part number which designates the pushrod size. (Ask about our etching customization options)*

PERFORMANCE SERIES

- 4130 Chrome-Moly, True one piece
- Ends cold formed and heat treated
- Premium concentricity
- Black Oxide finish
- 750lb Spring Load



COMPETITION SERIES

- 4130 Chrome-Moly, True one piece
- .065" Wall
- Ends cold formed and heat treated
- 500lb spring load
- Set of 8



CLAIMER SERIES

- 1010 Heat treated steel
- Welded ball tips
- Street/Strip
- 30% Stronger than OE
- Guideplate compatible



2-PACK	8-PACK	DIA.	LENGTH
UNIVERSAL			
300620	300620-8	5/16	6.200
300625	300625-8	5/16	6.250
300630	300630-8	5/16	6.300
300635	300635-8	5/16	6.350
300640	300640-8	5/16	6.400
300645	300645-8	5/16	6.450
300650	300650-8	5/16	6.500
300655	300655-8	5/16	6.550
300660	300660-8	5/16	6.600
300665	300665-8	5/16	6.650
300670	300670-8	5/16	6.700
300675	300675-8	5/16	6.750
300680	300680-8	5/16	6.800
300685	300685-8	5/16	6.850
300690	300690-8	5/16	6.900
300695	300695-8	5/16	6.950
300700	300700-8	5/16	7.000
300705	300705-8	5/16	7.050
300710	300710-8	5/16	7.100
300715	300715-8	5/16	7.150
300720	300720-8	5/16	7.200
300725	300725-8	5/16	7.250
300730	300730-8	5/16	7.300
300735	300735-8	5/16	7.350
300740	300740-8	5/16	7.400
300745	300745-8	5/16	7.450
300750	300750-8	5/16	7.500
300755	300755-8	5/16	7.550
300760	300760-8	5/16	7.600
300765	300765-8	5/16	7.650
300770	300770-8	5/16	7.700
300775	300775-8	5/16	7.750
300780	300780-8	5/16	7.800
300785	300785-8	5/16	7.850
300790	300790-8	5/16	7.900
300795	300795-8	5/16	7.950
300800	300800-8	5/16	8.000
300805	300805-8	5/16	8.050
300810	300810-8	5/16	8.100
300815	300815-8	5/16	8.150
300820	300820-8	5/16	8.200
300825	300825-8	5/16	8.250
300830	300830-8	5/16	8.300
300835	300835-8	5/16	8.350
300840	300840-8	5/16	8.400
300845	300845-8	5/16	8.450
300850	300850-8	5/16	8.500
300855	300855-8	5/16	8.550
300860	300860-8	5/16	8.600
300865	300865-8	5/16	8.650
300870	300870-8	5/16	8.700
300875	300875-8	5/16	8.750
300880	300880-8	5/16	8.800
300885	300885-8	5/16	8.850
300890	300890-8	5/16	8.900
300895	300895-8	5/16	8.950
300900	300900-8	5/16	9.000
300905	300905-8	5/16	9.050
300910	300910-8	5/16	9.100
300915	300915-8	5/16	9.150
300920	300920-8	5/16	9.200
300925	300925-8	5/16	9.250

2-PACK	8-PACK	DIA.	LENGTH
UNIVERSAL			
310750	310750-8	3/8	7.500
310755	310755-8	3/8	7.550
310760	310760-8	3/8	7.600
310765	310765-8	3/8	7.650
310770	310770-8	3/8	7.700
310775	310775-8	3/8	7.750
310780	310780-8	3/8	7.800
310785	310785-8	3/8	7.850
310790	310790-8	3/8	7.900
310795	310795-8	3/8	7.950
310800	310800-8	3/8	8.000
310805	310805-8	3/8	8.050
310810	310810-8	3/8	8.100
310815	310815-8	3/8	8.150
310820	310820-8	3/8	8.200
310825	310825-8	3/8	8.250
310828	310828-8	3/8	8.280
310830	310830-8	3/8	8.300
310833	310833-8	3/8	8.330
310835	310835-8	3/8	8.350
310838	310838-8	3/8	8.380
310840	310840-8	3/8	8.400
310845	310845-8	3/8	8.450
310850	310850-8	3/8	8.500
310855	310855-8	3/8	8.550
310860	310860-8	3/8	8.600
310865	310865-8	3/8	8.650
310868	310868-8	3/8	8.680
310870	310870-8	3/8	8.700
310875	310875-8	3/8	8.750
310878	310878-8	3/8	8.780
310880	310880-8	3/8	8.800
310885	310885-8	3/8	8.850
310890	310890-8	3/8	8.900
310895	310895-8	3/8	8.950
310900	310900-8	3/8	9.000
310905	310905-8	3/8	9.050
310910	310910-8	3/8	9.100
310915	310915-8	3/8	9.150
310920	310920-8	3/8	9.200
310925	310925-8	3/8	9.250
310930	310930-8	3/8	9.300
310935	310935-8	3/8	9.350
310940	310940-8	3/8	9.400
310945	310945-8	3/8	9.450
310950	310950-8	3/8	9.500
310955	310955-8	3/8	9.550
310960	310960-8	3/8	9.600
310965	310965-8	3/8	9.650
310970	310970-8	3/8	9.700
310975	310975-8	3/8	9.750
310980	310980-8	3/8	9.800
310985	310985-8	3/8	9.850
310990	310990-8	3/8	9.900
310995	310995-8	3/8	9.950
311000	311000-8	3/8	10.000
311005	311005-8	3/8	10.050
311010	311010-8	3/8	10.100
311015	311015-8	3/8	10.150
311020	311020-8	3/8	10.200



8-PACK	DIA.	LENGTH
UNIVERSAL		
1055735-8	5/16	7.350
1055740-8	5/16	7.400
1055745-8	5/16	7.450
1055750-8	5/16	7.500
1055755-8	5/16	7.550
1055760-8	5/16	7.600
1055765-8	5/16	7.650
1055770-8	5/16	7.700
1055775-8	5/16	7.750
1055780-8	5/16	7.800
1055785-8	5/16	7.850
1055790-8	5/16	7.900

8-PACK	DIA.	LENGTH
UNIVERSAL		
1055795-8	5/16	7.950
1055800-8	5/16	8.000
1055805-8	5/16	8.050
1055810-8	5/16	8.100
1055815-8	5/16	8.150
1055820-8	5/16	8.200
1055825-8	5/16	8.250
1055830-8	5/16	8.300
1055835-8	5/16	8.350
1055840-8	5/16	8.400
1055845-8	5/16	8.450
1055850-8	5/16	8.500
1055955-8	5/16	9.55

PERFORMANCE SERIES PUSHRODS .105" WALL

- 4130 Chrome-Moly heat treated
- 210° Radius operating clearance
- 5/16" Diameter
- .105" Wall
- Sets of 8

SERIOUS HORSEPOWER



8-PACK	DIA.	LENGTH
UNIVERSAL		
1353700-8	3/8	7.000
1353725-8	3/8	7.250
1353750-8	3/8	7.500
1353755-8	3/8	7.550
1353760-8	3/8	7.600
1353765-8	3/8	7.650
1353770-8	3/8	7.700
1353775-8	3/8	7.750
1353780-8	3/8	7.800
1353785-8	3/8	7.850
1353790-8	3/8	7.900
1353795-8	3/8	7.950
1353800-8	3/8	8.000
1353805-8	3/8	8.050
1353810-8	3/8	8.100
1353815-8	3/8	8.150
1353820-8	3/8	8.200
1353825-8	3/8	8.250
1353830-8	3/8	8.300
1353835-8	3/8	8.350
1353840-8	3/8	8.400
1353845-8	3/8	8.450
1353850-8	3/8	8.500
1353855-8	3/8	8.550
1353860-8	3/8	8.600
1353865-8	3/8	8.650
13538675-8	3/8	8.675
1353870-8	3/8	8.700
1353875-8	3/8	8.750
1353880-8	3/8	8.800

8-PACK	DIA.	LENGTH
UNIVERSAL		
1353885-8	3/8	8.850
1353890-8	3/8	8.900
1353895-8	3/8	8.950
1353900-8	3/8	9.000
1353905-8	3/8	9.050
1353910-8	3/8	9.100
1353915-8	3/8	9.150
1353920-8	3/8	9.200
1353925-8	3/8	9.250
1353930-8	3/8	9.300
1353935-8	3/8	9.350
1353940-8	3/8	9.400
1353945-8	3/8	9.450
1353950-8	3/8	9.500
1353955-8	3/8	9.550
1353960-8	3/8	9.600
1353965-8	3/8	9.650
1353970-8	3/8	9.700
1353975-8	3/8	9.750
1353980-8	3/8	9.800
1353985-8	3/8	9.850
1353990-8	3/8	9.900
1353995-8	3/8	9.950
13531000-8	3/8	10.00
13531005-8	3/8	10.05
13531010-8	3/8	10.10
13531015-8	3/8	10.15
13531020-8	3/8	10.20
13531025-8	3/8	10.25

PERFORMANCE SERIES PUSHRODS .135" WALL

- 4130 Chrome-Moly heat treated
- 210° Radius operating clearance
- 3/8" Diameter
- .135" Wall
- Sets of 8

- IGNITION
- FUEL & AIR
- INTERNAL ENGINE
- VALVE TRAIN**
- TIMING
- OIL SYSTEMS
- GASKETS
- FASTENERS
- PLUMBING
- TRANSMISSION
- EXHAUST & GAUGES
- TOOLS & SAFETY
- INDEX



COMPETITION SERIES

- 4130 Chrome-Moly, True one piece
- .065" Wall
- Ends cold formed and heat treated
- 500lb spring load
- Set of 8



PART NO.	APPLICATION	WALL	LENGTH	OVERALL LENGTH	TUBING DIAMETER
SMALL BLOCK CHEVY					
210780-8	55-87, V8, 262 - 400 heat treated	.065	Stock	7.800	5/16
210790-8	55-87, V8, 262 - 400 heat treated	.065	+.1000	7.900	5/16
250688-8	Chevy	.065	---	6.884	5/16
250815-8	Chevy	.065	---	8.144	5/16
BIG BLOCK CHEVY					
220828-8	65-90, 396-502 heat treated	.080	Stock	8.280	3/8
220925-8	65-90, 396-502 heat treated	.065	---	9.250	3/8
220838-8	Chevy	.065	---	8.380	3/8
220935-8	Chevy	.065	---	9.350	3/8

CLAIMER SERIES

- 1010 Heat treated steel
- Welded ball tips
- Street/Strip
- 30% Stronger than OE
- Guideplate compatible
- Set of 16



PART NO.	APPLICATION	WALL	LENGTH	OVERALL LENGTH	TUBING DIAMETER
SMALL BLOCK CHEVY					
157818	55-87, V8, 262 - 400 heat treated	.060	Stock	7.800	5/16
156905	Chevy	.060	---	6.900	5/16
157918	Chevy	.060	---	7.900	5/16
BIG BLOCK CHEVY					
158249	65-90, 396-502 heat treated	.060	Stock	8.280	3/8
159244-8	65-90, 396-502 heat treated, (8Pk)	.060	Stock	9.250	3/8
SMALL BLOCK FORD					
156272	SB Ford, Black Oxide	.060	---	6.272	5/16

.080" PERFORMANCE DIESEL PUSHRODS

Diesel high performance pushrods for Cummins, Ford Powerstroke, and GM Duramax engines. 4130 Chrome-moly heat treated.

.135 for Powerstroke & Cummins, and .165 for Cummins, Powerstroke, and Duramax are available for special order.



PART NO.	DESCRIPTION	QTY.	STYLE	OVERALL LENGTH	TUBING DIAMETER
CUMMINS					
3201105-6	12 Valve Cummins	6	2-Piece	11.05	3/8
3201160-6	24 Valve Cummins	6	2-Piece	11.60	3/8
POWERSTROKE					
320983-8	6.0L Powerstroke	8	1-Piece	9.830	11/32
320979-8	6.4L Powerstroke	8	1-Piece	9.790	11/32
320970-16	6.7L Scorpion Powerstroke	16	2-Piece	9.700	3/8
32010225-8	7.3L Powerstroke	8	1-Piece	10.225	3/8
DURAMAX					
320968-8	6.6L Duramax	8	2-Piece	9.680	7/16



.080" WALL PUSHROD APPLICATION CHART

PART NO.	APPLICATION	LENGTH	OVERALL LENGTH	TUBING DIAMETER
SMALL BLOCK CHEVY				
300780-8	55-87, V8, 262 - 400 heat treated	Stock	7.800	5/16
300785-8	55-87, V8, 262 - 400 heat treated	+.050	7.850	5/16
300790-8	55-87, V8, 262 - 400 heat treated	+.100	7.900	5/16
300795-8	55-87, V8, 262 - 400 heat treated	+.150	7.950	5/16
300800-8	55-87, V8, 262 - 400 heat treated	+.200	8.000	5/16
300805-8	55-87, V8, 262 - 400 heat treated	+.250	8.050	5/16
300810-8	55-87, V8, 262 - 400 heat treated	+.300	8.100	5/16
300830-8	55-87, V8, 262 - 400 heat treated	+.500	8.300	5/16
310780-8	55-87, V8, 262 - 400 heat treated	Stock	7.800	3/8
300720-8	87-99, 305-350 w/factory hydraulic roller lifters	Stock	7.200	5/16
300730-8	55-87, 262-400 heat treated; Retro-fit hydraulic roller cam	-.500	7.300	5/16
LS SERIES				
3007325-8	GM LS Series	---	7.325	5/16
3007375-8	GM LS Series	---	7.375	5/16
3007425-8	GM LS Series	---	7.425	5/16
3007475-8	GM LS Series	---	7.475	5/16
BIG BLOCK CHEVY				
310828-8	65-90, 396-502 heat treated	Stock	8.280 Int.	3/8
310925-8			9.250 Exh.	
310833-8	65-90, 396-502 heat treated	+.050	8.330 Int.	3/8
310930-8			9.300 Exh.	
310838-8	65-90, 396-502 heat treated	+.100	8.380 Int.	3/8
310935-8			9.250 Exh.	
310845-8	65-90, 396-502 heat treated	+.200	8.450 Int.	3/8
310945-8			9.450 Exh.	
310850-8	65-90, 396-502 heat treated	+.250	8.500 Int.	3/8
310950-8			9.500 Exh.	
310868-8	65-90, 396-502 heat treated	+.400 STD Tall Deck	8.680 Int.	3/8
310965-8			9.650 Exh.	
310878-8	65-90, 396-502 heat treated	+.500 STD Tall Deck	8.780 Int.	3/8
310975-8			9.750 Exh.	
310780-8	65-90, 396-502 w/retro hydraulic roller cam	---	7.800 Int.	3/8
310868-8			8.680 Exh.	
310868-8	66-90, 366-427 tall deck heat treated	+.400	8.680 Int.	3/8
310965-8			9.650 Exh.	
310828-8	66-90, 366-427 tall deck w/ retro hydraulic roller cam	+.400	8.280 Int.	3/8
310905-8			9.050 Exh.	
FORD				
300680-8	63-68, 221-302 heat treated	Stock	6.812	5/16
300690-8	69-95, 255-302 heat treated	Stock	6.875	5/16
300625-8	86-96, 302 and 302 H.O. w/ factory hydraulic roller lifters & Crane adjustable aluminum rocker arms	Stock	6.250	5/16
300620-8	85-94, 302 and 302 H.O. w/ factory hydraulic roller lifters	-.050	6.200	5/16
300815-8	69-93, 351W heat treated	Stock	8.156	5/16
300775-8	69-93, 351W w/ Retro-fit hydraulic roller lifters & bottleneck studs or pedestal mount rocker arms	-.400	7.750	5/16
300775-8	70-93, 351C w/ Retro-fit hydraulic roller lifters & adjustable rocker arms w/ 52655-16 conversion kit	-.650	7.750	5/16
310855-8	79-97, 370-460	Stock	8.850	3/8
310860-8	79-97, 370-460	+.050	8.600	3/8

IGNITION

FUEL & AIR

INTERNAL
ENGINE

VALVE
TRAIN

TIMING

OIL SYSTEMS

GASKETS

FASTENERS

PLUMBING

TRANSMISSION

EXHAUST
& GAUGES

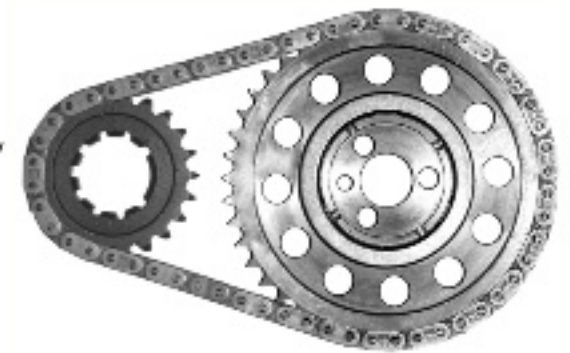
TOOLS
& SAFETY

INDEX



PRO-BILLET SERIES

- Heat-treated crank gears
- Torrington bearings
- Surpasses OE design for strength & accuracy
- 9-keyway crank sprocket
- Pre-stretched double roller .250" chain (ROLON)
- Performance engineered teeth - Provides stable timing in high RPM applications.



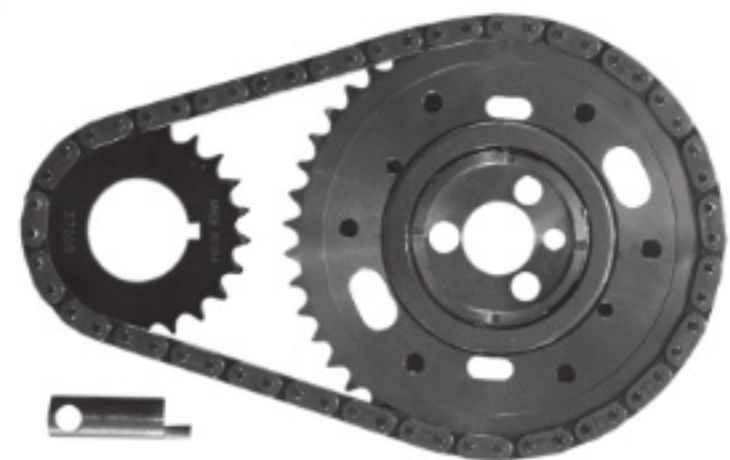
PART NO.	APPLICATION	.005" UNDERSIZE	.010" UNDERSIZE	ROLON CHAIN
CHEVY				
10010	SB Chevy V6 & V8	10010-5	10010-10	3DR-58R
10010TB	Thrust bearing for SB / BB Chevy	---	---	---
10310	SB Chevy w/ BB Chevy lower gear	---	---	3DR-58R
10030	BB Chevy	10030-5	10030-10	3DR-66R
19055	SBC 84-02, with roller cam			3DR-58R
19335	LS1 1997-2006			3DR-60R
19435	LS2 2003-2007			3DR-60R
19535	LS2/LS3 2007-2014, 6.0L-6.2L, 1-Bolt			3DR-60R
19665	SBC raised cam w/BBC crank snout			3DR-60R
19775	LS7 2006-2010, 7.0L			3DR-60R
29635	LS3 2006-2007, 6.0L/6.2L, 3-Bolt			3DR-60R
29735	BBC 96-00, Gen VI			3DR-66R
FORD				
10070	Ford 302, 351W 62-84	10070-5	---	3DR-66R
10070TB	Thrust bearing for 10070	---	---	---
10150	SB Ford 84-Up	10150-5	10150-10	3DR-58R
59125	Ford 70-82, 351C / 351M / 400			3DR-64R
79805	Ford 64-78, 330-428			3DR-64R
79035	BB Ford 72-87, 429-460			3DR-66R
CHRYSLER				
10040	SB Chrysler, No Torrington bearing	---	---	3DR-68R
10060	BB Chrysler, No Torrington bearing	---	---	3DR-66R
09505	Chrysler 5.7-6.1L, 03-10 HEMI, 05-08 R/T	---	---	3DR-72R
49405	BB Chrysler 58-80, 1-Bolt			3DR-66R
PONTIAC/OLDSMOBILE				
10120	Pontiac V8	---	---	3DR-60R
10320	Oldsmobile Rocket block	---	---	3DR-60R

ADJUSTABLE CAM TIMING SET

- Large .250" diameter seamless double roller chain
- 2-piece adjustable billet steel cam sprocket
- Press fit roller thrust bearing
- Advance or retard the cam 2°, 4°, or 6°
- Heat treated crank sprocket with black oxide coating

PART NO.	DESCRIPTION
CHEVY	
10078	SB Chevy 55-96 w/ TB, w/ ROLON
10678	SB Chevy Rocket block w/ SBC crank snout, w/ ROLON
15000-5	SB Chevy 55-96, w/ Thrust bearing, -.005 CD, w/ ROLON
15678	BB Chevy, w/BBC crank snout, w/ TB, w/ ROLON
20178	BB Chevy 65-97 w/ TB, w/ ROLON

PART NO.	DESCRIPTION
FORD	
50278	SB Ford Early 63-71 w/ TB, w/ ROLON
51578	SB Ford Late 72-01 w/ TB, w/ ROLON
70378	BB Ford 72-87 w/ TB, w/ ROLON



PART NO.	DESCRIPTION
CHRYSLER	
05078	HEMI 5.7-6.1L, Adj. Cam TS

**SERIOUS
HORSEPOWER**



COMPETITION SERIES SEAMLESS DOUBLE ROLLER

- DIDO .250" oversize seamless Double Roller pre-stretched chain
- Steel heat treated crank gears w/ 3-keyway design
- Cam gears available in cast or billet steel gears



PART NO.	DESCRIPTION
GM	
10025	SBC 85-93, .250" diameter
10800	SB Chevy
10802	SB Chevy w/ Torrington bearing
20800	BB Chevy
20802	BB Chevy w/ Torrington bearing
68218	Buick V6, 196-231 w/ Integral distributor drive gear
69218	Buick V6, 196-231 w/o Integral distributor drive gear
FORD	
50800	SB Ford 302-351W
50803	SB Ford HO style
51218	Ford 351C, 351M, 400
58018	Ford 330, 352, 390, 427, 428
70800	BB Ford
CHRYSLER	
30800	SB Chrysler
40800	BB Chrysler - 1 Bolt
40801	BB Chrysler - 3 Bolt
AMC	
98118	AMC 290-401
PONTIAC/OLDSMOBILE	
90800	Pontiac
83118	Oldsmobile 260-455

SPORTSMAN SERIES

- .200" diameter double roller chain
- Cast iron cam sprocket
- 3-keyway crank sprocket with +4°/-4° cam adjustment



PART NO.	DESCRIPTION
GM	
10700	SB Chevy
20700	BB Chevy
FORD	
50700	SB Ford 302-351W
54013	SB Ford 63-71, 1-Piece fuel pump eccentric
50705	BB Ford
CHRYSLER	
30700	SB Chrysler
34203	SB Chrysler 68-91
40700	BB Chrysler - 1 Bolt

SINGLE ROLLER

- Very large .334" diameter seamless single roller chain
- Cast iron cam sprocket
- 3-keyway crank sprocket with a +4°/-4° cam adjustment
- Heat treated crank sprocket with black oxide coating



PART NO.	DESCRIPTION
CHEVY	
21838	SB Chevy 96-02, w/ Roller cam
26338	BB Chevy 99-00, Gen VI
27338	BB Chevy 96-99, Gen VI
28538	BB Chevy 2001, 8.1L
29538	BB Chevy 02-03, 8.1L

COMPETITION GEAR DRIVES

- Each set is designed to fit underneath the stock cover and comes with all necessary installation hardware
- Advance or retard +/- 4°
- 8620 Carburized heat treated steel
- Recommended 6,500 to 10,000 RPM



PART NO.	DESCRIPTION
CHEVY	
10548	SB Chevy 85-93, Factory roller cam
10900	Small Block Chevy
10901	Small Block Chevy, quiet
20148	Big Block Chevy, with thrust bearing, quiet
20900	Big Block Chevy
25148	Big Block Chevy 96-99 Gen VI

PART NO.	DESCRIPTION
FORD	
50900	Small Block Ford
50905	Big Block Ford 72-87, 429/460, with bronze washer
CHRYSLER	
25248	Big Block Chrysler, 3-Bolt



SB CHEVY TIMING COVER

- Highest quality
- 30% Heavier than stock
- Stamped with a cam button area
- Unpainted so that you may finish with block



PART NO.	DESCRIPTION
CHEVY	
130050	SBC, Stamped steel

CAST ALUMINUM TIMING COVER

Stout, die-cast aluminum design to keep true. Thick gasket rails for rigidity and optimum oil sealing. Show-polished finish. Available with embossed Engine Works logo



PART NO.	DESCRIPTION
CHEVY	
130052	SBC
130075	SBC, Embossed Engine Works logo

2-PIECE SB CHEVY TIMING COVER

- 2-Piece cover
- Gaskets included



PART NO.	DESCRIPTION
CHEVY	
130055	SBC, 2-Piece timing cover

SB CHEVY TIMING COVER W/ BB CHEVY CRANK SNOOT

- Highest quality
- 33% Heavier than stock
- Stamped with a cam button area
- Unpainted



PART NO.	DESCRIPTION
CHEVY	
130060	SBC, w/ Big Block crank snout

BB CHEVY TIMING COVER

- 33% Stronger than stock
- Stamped steel
- Unpainted



PART NO.	DESCRIPTION
CHEVY	
130080	BBC

SB FORD TIMING COVER

- Requires late-style reverse flow water pump & electric fuel pump
- 87-97 Ford 5.0L
- Cast aluminum timing cover w/ seal



PART NO.	DESCRIPTION
FORD	
130250	Ford Modular 5.0L, 1987-97 w/ Seal
130251	Ford Small Block, 302/351W - 1981-99 EFI

Same Day Shipping From All of Our Fully Stocked Warehouses!





BALANCER INSTALLER/REMOVER

This tool preserves the life of the balancer and crank. Adapters included for most popular performance engines.



PART NO.	DESCRIPTION
UNIVERSAL	
15035	Harmonic Balancer Installer/Remover with carrying case

BILLET TIMING POINTERS

Custom manufactured to Engine Works specifications and sized to fit most brands. Adjustable to 4 degrees. Mounting hardware included.

1-PACK	25-PACK	APPLICATION
CHEVY		
100353	100353-25	Small Block Chevy ATI 6-3/8" Damper
100354	100354-25	Small Block Chevy 6-3/4" Damper
100355	---	Small Block Chevy 6" or 6-1/8" - ATI - BHJ
100356	100356-25	Small Block Chevy 6-1/4" Damper
100357	100357-25	Small Block Chevy 7-1/4" Damper
100358	100358-25	Small Block Chevy 8" Damper
100359	100359-25	Small Block Chevy ATI 7" Damper
100456	100456-25	Big Block Chevy 6-1/4" Damper
100457	100457-25	Big Block Chevy 7-1/4" Damper
100458	100458-25	Big Block Chevy 8" Damper
100459	---	Big Block Chevy ATI 7" Damper
FORD		
100302	---	302/351 Ford, Adjustable to damper size



100353



100358



100457



LONG BOLT SET

Long bolts set. For use with aluminum cover.

PART NO.	DESCRIPTION
UNIVERSAL	
100356LB	Long bolt set



100302

SERIOUS HORSEPOWER



STOCK STYLE OIL PANS

Once available only for Chevrolet owners, Engine Works offers chrome oil pans for many popular V8s found in today's street rods and street machines. Double chrome plated except **266101**®.

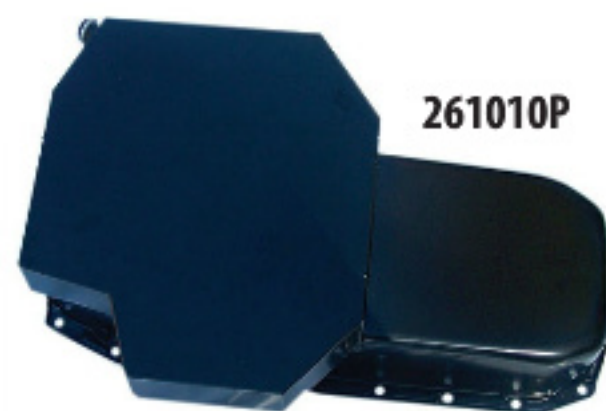
PART NO.	APPLICATION	DESCRIPTION
GM		
266100	SB Chevy 55-79	Driver's Side Dipstick
266101	SB Chevy 55-79 Raw	Unpainted
266105	SB Chevy 86-Up, 1-Piece Rear Main Seal	Dipstick Both Sides
266200	BB Chevy 65-90	Dipstick Passenger Side
FORD		
266500	SB Ford 260 / 289 / 302W 65-78	Front Sump
266502	5.0L Ford 83-93	Mustang Double Sump
266550	Ford 351C / 351M / 400 70-80	Front Sump
266700	Ford 429 / 460 68-78	Front Sump
CHRYSLER		
266300	Chrysler 64-87 273 / 318 / 340	Stock Capacity
266400	Chrysler 361 / 383 / 400 / 413 / 440 / HEMI 426	Stock Capacity
PONTIAC/OLDSMOBILE		
266900	Pontiac 301-455, 74-81	Stock Capacity



266100



266500



261010P

RACING OIL PANS

Racing oil pans create more than extra oil capacity, they create horsepower by oil control. Kickouts and a specially designed baffle make sure oil stays in the pickup area, available for use. Crank scraper equipped versions extract power robbing windage from the rotating assembly.

Available in **Painted (P)** or **Zinc (Z)** plated models. Matching pickup must be ordered separately.

PART NO.	APPLICATION	CAPACITY	DEPTH	DIPSTICK	STD PICKUP	HI-VOL PICKUP
CHEVY						
26101P	SBC, Champ Style	7 qt	7"	Drivers	267102	267103**
26101Z	SBC, Champ Style	7 qt	7"	Drivers	267102	267103**
26104P	SBC, Circle Track	6 qt	7-1/4"	Drivers	267106	267107
26104Z	SBC, Circle Track	6 qt	7-1/4"	Drivers	267106	267107
26108P	SBC, Claimer Style w/Scraper	4 qt	Stock	Drivers	267110	---
26726	SBC, Drag Race	7 qt	8-1/4"	Drivers	269727	---
26729	BBC, Drag Race	6 qt	8-1/4"	Drivers	269730	---

**Must use a 5-bolt oil pump with this pickup number.

267102



STANDARD / HIGH VOLUME PICKUPS

For use with Engine Works racing oil pans.

PART NO.	APPLICATION
CHEVY	
267102	SBC, Claimer style standard pickup, 7 qt
267103	SBC, Champ style high volume pickup, 7 qt
267106	SBC, Circle track, standard pickup, 6 qt
267107	SBC, Circle track, high volume pickup, 6 qt
267110	SBC, Pre-80 Claimer style standard pickup, 4 qt
269727	SBC, Drag racing standard pickup, 7 qt
269730	BBC, Drag racing standard pickup, 6 qt



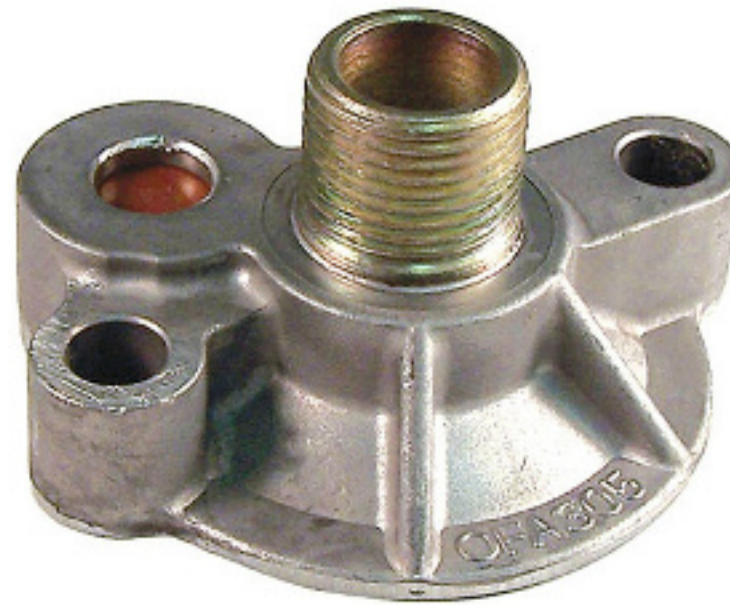
269730



OIL FILTER ADAPTER

High quality adapters manufactured by a leading supplier to the automotive aftermarket. Compare to GM #3952301.

PART NO.	DESCRIPTION
CHEVY	
43500	Small Block/ Big Block Chevy engine oil filter adapter
43501	Bolt Kit - 2 Pack



OIL PUMP PRIMER



PART NO.	DESCRIPTION
UNIVERSAL	
15007	Oil pump primer

HEAVY DUTY OIL PUMP SHAFT

Features superior grade steel alloy and heat treatment for high RPM usage. Stock fitments feature pinned steel drive sleeve for extra safety.



PART NO.	DESCRIPTION
CHEVY	
401155	Small Block Chevy OE pump drive
401155-10	Small Block Chevy OE pump drive - 10-PACK
401155-25	Small Block Chevy OE pump drive - 25-PACK
401177	Big Block Chevy OE pump drive
401177-10	Big Block Chevy OE pump drive - 10-PACK
401177-25	Big Block Chevy OE pump drive - 25-PACK

OIL RESTRICTOR KIT

Fit in most small and big block Chevy blocks (except Bowtie) at the rear of the block. Simply replace the oil galley plugs (tapping may be required). Not for use with hydraulic lifters. Package of 2 with 2 spare o-rings.



PART NO.	DESCRIPTION
CHEVY	
402000	Small Block & Big Block Chevy
402001	4-Pack O-Rings

LIFTER VALLEY VENTS

Valley Vents help control flow of oil to cam and lifters and holds down cam oil windage. Factory vent holes must be tapped to 1/4". Anodized aluminum. Package of 8.



PART NO.	DESCRIPTION
CHEVY	
403100	Universal Chevrolet



SERIOUS HORSEPOWER



GASKET APPLICATION CHART

ENGINE	YEARS	HEAD GASKET	INTAKE GASKET	EXHAUST GASKET	TIMING COVER	OIL PAN GASKET	REAR MAIN	FRONT SEAL	T-STAT	VALVE COVER
CHEVY										
283-400	59-74	111305 262-305 111350 283-350 111350-28	112350 1.25 .060 112320 1.32 .060 112390 1.30 .090	113350	114350	115350 115350RLH	116100 1-PC 116200 2-PC 116900 2-PC	117350	118350	---
305-400	75-85	111350MLS 111350SS	122350	113350	114350	125350		117350	118350	---
305-350 w/FI	85-91	111400* 400 111400MLS *No Steam Holes	122350	133350	114350	135350		117350	118350	---
346 LS1	97-04	N/A	162346	163346	N/A	N/A	166346	N/A	N/A	169346
396-454 INC GEN IV	65-90	171454 171454MLS	172396 172180 1.80 Oval 172184 1.84 Rect 172220 Big Chief Trim	173396	174396	175396 175396R	176396 176396V Viton	177396	178396	---
454-502 GEN V, VI	91-00	N/A	182502	183502	184502	N/A	N/A	177396	178396	---
4.6 (281) DOHC	93-03	211046L 211046R	N/A	213046	N/A	N/A	216406	217046	N/A	219046
FORD										
221-302, No BOSS	62-85	221302 221302MLS	222302	223302	224302	225302	226302	227302	228302	229302
302 EFI	86-95	221302	242302	223302	224302	225302	246302	227302	228302	229302
351W	69-92	221302	222302	253351	224302	255351	256351	227302	228302	229302
351C	70-74	261351MLS	---	---	---	---	---	---	---	---
390/428	66-71	271390	272390	273390	274390	275390	276390	227302	278390	279390
429/460	68-88	281429	282429	283429	284429	285429	286429	227302	288429	289429
CHRYSLER										
318	67-91	311318	312318	313318	314318	315318	316318	317318	318318	319318
340/360	68-89	311318	322340	323340	314318	N/A	316318	317318	318318	319318
383/400/413	59/78	331440	332440	333440	334440	335440	336383	317318	338440	339440
440	66-78	331440	332440	333440	334440	335440	346440	317318	338440	339440
426 HEMI	64-71	N/A	352426	353426	334440	335440	346440	317318	338440	339440
PONTIAC/OLDSMOBILE										
350-455 Olds	68-76	411455	412455	413455	414455	415455	416455	417455	418455	N/A
326-455 Pontiac	68-89	411326	412455	413455	414455	415455	416455	417455	418455	N/A



IGNITION

FUEL & AIR

INTERNAL ENGINE

VALVETRAIN

TIMING

OIL SYSTEMS

GASKETS

FASTENERS

PLUMBING

TRANSMISSION

EXHAUST & GAUGES

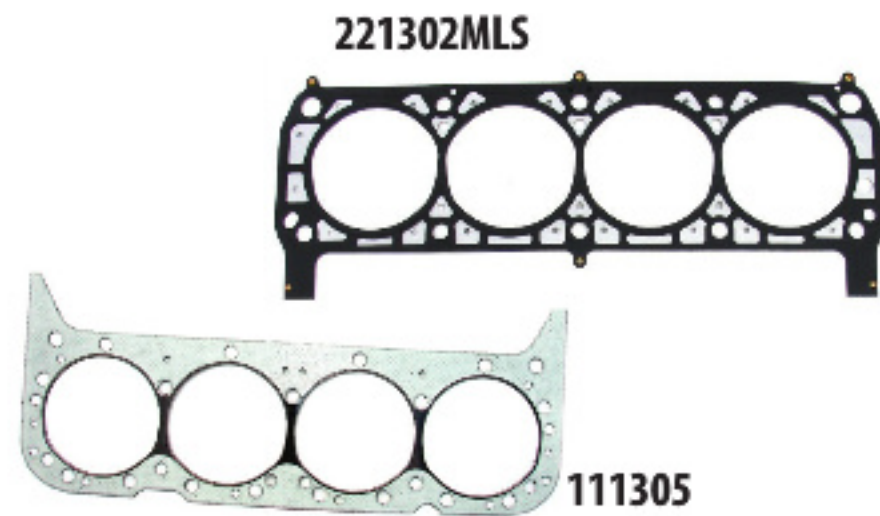
TOOLS & SAFETY

INDEX

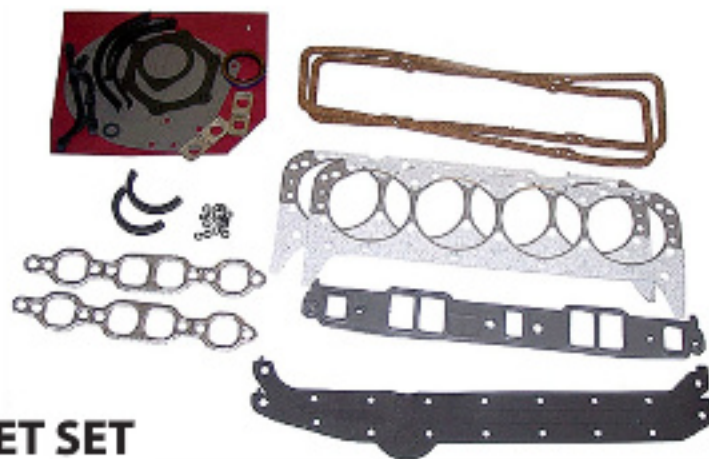


HEAD GASKET SETS

Made of composite materials or multiple layers of steel. (MLS = 3 layers of pure 304 Stainless Steel for ultimate sealing)



2-PACK	10-PACK	APPLICATION	YEAR	BORE	THICKNESS	MATERIAL
CHEVY						
111305	111305-10	SBC, 262-305	59-74	3.870"	.028"	Composite material - Steel core/Graphite, Elastomer coated
111350	111350-10	SBC, 283-350	59-74	4.130"	.038"	Composite material - Steel core/Graphite, Elastomer coated
111350-28	111350-28-10	SBC, 283-350	59-74	4.100"	.026"	Graphite-Steel core Graphite facing
111350MLS	---	SBC, 283-350	59-74	4.055"	.041"	Multiple layers of Stainless Steel. Coated and embossed w/ Viton to produce even torque load.
111350SS	---	SBC, 283-350	56-74	4.100"	.020"	Stainless Steel
111400	111400-10	SBC, 400	59-74	4.190"	.045"	Graphite-Steel core Graphite facing
111400MLS	---	SBC, 283-400	59-74	4.155"	.041"	Multiple layers of Stainless Steel. Coated and embossed w/ Viton to produce even torque load.
171454	---	BBC, GEN IV	65-90	4.520"	.038"	Composite material - Steel core/Graphite, Elastomer coated
171454MLS	---	BBC	65-90	4.580"	.041"	Multiple layers of Stainless Steel. Coated and embossed w/ Viton to produce even torque load.
FORD						
211046L	---	SBF, 4.6L - L Side (1-pk)	---	3.610"	.042"	Composite material - Steel core/Graphite, Elastomer coated
211046R	---	SBF, 4.6L - R Side (1-pk)	---	3.610"	.042"	Composite material - Steel core/Graphite, Elastomer coated
221302	---	SBF, 221-302, 302EFI-351W	---	4.100"	.038"	Composite material - Steel core/Graphite, Elastomer coated
221302MLS	---	SBF, 289-351W	---	4.065"	.041"	Multiple layers of Stainless Steel. Coated and embossed w/ Viton to produce even torque load.
261351MLS	---	SBF, 351C	---	4.050"	.041"	Multiple layers of Stainless Steel. Coated and embossed w/ Viton to produce even torque load.
271390	---	BBF, 390-428 FE	---	4.440"	.038"	Composite material - Steel core/Graphite, Elastomer coated
281429	---	BBF, 429-460	---	4.490"	.038"	Composite material - Steel core/Graphite, Elastomer coated
CHRYSLER						
311318	---	SB Chrysler 318/340/360	67-89	4.140"	.038"	Composite material - Steel core/Graphite, Elastomer coated
331440	---	BB Chrysler 383-440	59-78	4.450"	.038"	Composite material - Steel core/Graphite, Elastomer coated
PONTIAC/OLDSMOBILE						
411326	---	Pontiac 326-455	---	4.200"	.038"	Composite material - Steel core/Graphite, Elastomer coated
411455	---	Oldsmobile 350-455	68-76	4.230"	.038"	Composite material - Steel core/Graphite, Elastomer coated



FULL GASKET SET

Sets include all of the quality gaskets necessary for an engine rebuild.

PART NO.	DESCRIPTION
CHEVY	
503508	SB Chevy, 350 Vortec



VALVE COVER CORK GASKETS

PART NO.	APPLICATION	YEAR	DESCRIPTION
CHEVY			
119350	SBC	55-86	GEN 1
169346	SBC	97-04	LS1
FORD			
219046	SBF	93-04	Ford 4.6L
229302	SBF	86-95	302 / 302 EFI / 351W
CHRYSLER			
319318	SB Chrysler	67-91	318 / 340 / 360
339440	BB Chrysler	66-78	383 / 400 / 413 / 440 / 426W



COPPER HEAD GASKETS

- Precise cylinder head to block alignment
- Pure copper sheets that eliminate uneven loading
- Lower-leak down percentages
- Premium annealed copper provides measurable gains in cylinder sealing
- O-Ring recommended



PART NO.	TYPE	BORE	THICKNESS
CHEVY			
140643	Small Block Chevy	4.060"	.043"
140662	Small Block Chevy	4.060"	.062"
141543	Small Block Chevy	4.155"	.043"
141562	Small Block Chevy	4.155"	.062"
142043	Small Block Chevy	4.200"	.043"
142062	Small Block Chevy	4.200"	.062"
242443	Big Block Chevy	4.250"	.043"
243243	Big Block Chevy	4.320"	.043"
243262	Big Block Chevy	4.320"	.062"
243272	Big Block Chevy	4.320"	.072"
245243	Big Block Chevy	4.520"	.043"
245743	Big Block Chevy	4.570"	.043"
245750	Big Block Chevy	4.570"	.050"
245762	Big Block Chevy	4.570"	.062"
246343	Big Block Chevy	4.630"	.043"
246350	Big Block Chevy	4.630"	.050"
246362	Big Block Chevy	4.630"	.062"
246380	Big Block Chevy	4.630"	.080"
FORD			
340643	Small Block Ford	4.060"	.043"
340662	Small Block Ford	4.060"	.062"
341643	Small Block Ford	4.160"	.043"
341662	Small Block Ford	4.155"	.062"
342043	Small Block Ford	4.200"	.043"
342062	Small Block Ford	4.200"	.062"

STEEL CORE VALVE COVER GASKETS



Made from virgin cork material that ensures a proper seal on the valve cover after torque. Steel core gaskets have a steel shim laminated between 2 layers of premium cork rubber material ensuring the gasket will retain its shape after torque.

2-PACK	20-PACK	APPLICATION	MATERIAL	THICKNESS
CHEVY				
350PVC	350PVC-20	SBC	Cork Rubber	5/16"
350SVC	350SVC-20	SBC	Steel Core	5/16"
357SVC	357SVC-20	SBC 18°	Steel Core	5/16"
454PVS	454PVS-20	BBC	Cork Rubber	5/16"
454SVC	454SVC-20	BBC	Steel Core	5/16"
456SVC	456SVC-20	DART BIG CHIEF	Steel Core	5/16"
FORD				
302SVC	302SVC-20	SBF	Steel Core	5/16"

RUBBER VALVE COVER GASKETS



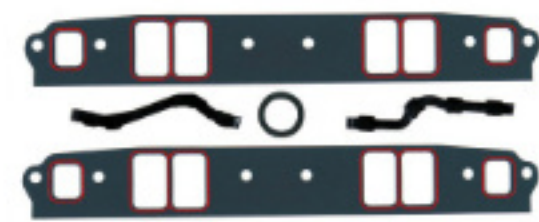
All gaskets feature a steel shim frame sandwiched between blue rubber sealing material.

2-PACK	20-PACK	APPLICATION	MATERIAL
CHEVY			
350RVC	350RVC-20	SBC, 265-400 Early	Rubber
454RVC	454RVC-20	BBC	Rubber
FORD			
302RVC	302RVC-20	SBF, 260-351W	Rubber



INTAKE GASKET SETS

These gaskets are .060" thick. Made from premium fiber gasket material chemically blended w/ multiple elastomer types for a conformable and fluid resistant seal.



2-PACK	10-PACK	MAKE	YEAR	ENGINE	SIZE	FEL-PRO#
CHEVY						
112350	112350-10	SBC	1959-74	283-400	1.25" x 2.00"	1204
112320	112320-10	SBC	1959-74	283-400	1.32" x 2.20"	1206
112390	112390-10	SBC	1959-74	283-400	1.30" x 2.20"	n/a
122350	122350-10	SBC	1975-84	305-400, 305/350 w/wo FI	1.26" x 2.20"	1204
162346	---	SBC	1997-04	346 LS1	1.16" x 3.38"	1312-3
172180	172180-10	BBC	1965-90	396-454	1.80" Oval	1212
172184	172184-10	BBC	1965-90	396-454	1.84" Rect	1298
172220	172220-10	BBC	1965-90	396-454	Big Chief 1.84" x 2.695"	1251
172220T	172220T-10	BBC	1965-90	396-454	TRIM TO FIT	n/a
182502	---	BBC	1991-00	454-502, Gen V-VI	1.78" x 2.55"	1275
FORD						
222302	---	SBF	1969-92	221-302 NO BOSS, 351W	1.09" x 1.90"	1250
242302	242302-10	SBF	1986-95	302 EFI	1.26" x 2.02"	1250
272390	---	BBF	1966-71	390-428 FE	1.41" x 2.13"	1246
282429	---	BBF	1968-88	429-460	1.90" x 2.28"	1230
CHRYSLER						
312318	---	SB Chry	1967-91	318	1.06" x 2.19"	1213
322340	---	SB Chry	1968-89	340/360	1.18" x 2.28"	1213
332440	---	BB Chry	1959-78	383-440	1.22" x 2.26"	1276
352426	---	BB Chry	1964-71	426 HEMI	1.85" x 2.00"	1234
OLDSMOBILE						
412455	---	Oldsmobile	1968-76	350-455	1.40" x 2.40"	1356

EXHAUST GASKET SETS

Gaskets are .060" thick and are made of Graphite and Aramid fiber gasket material bound w/ vulcanized NBR binder mechanically bonded by a perforated steel core.

273390



105424



2-PACK	10-PACK	MAKE	YEAR	ENGINE	SIZE	PORT
CHEVY						
113350	113350-10	SBC	1975-85	283-400	1.36" x 1.30"	Square
133350	133350-10	SBC	1985-91	305-350 EFI	1.36" x 1.30"	Square
163346	---	SBC	1997-04	LS1 346	1.75" x 1.75"	Round
173396	173396-10	BBC	1965-90	396-454 GEN IV	1.90" x 1.875"	Round
183502	183502-10	BBC	1991-00	454-502 GEN V-VI	1.90" x 1.80"	Square
105424	<---Copper	SBC	1975-85	283-400	1.50" x 1.50"	Round
105427	<---Copper	SBC	1975-85	283-400	1.45" x 1.55"	Square
205444	<---Copper	BBC	1965-90	396-454	1.85" x 1.90"	Square
FORD						
213046	---	SBF	1993-03	4.6L DOHC	2.16" x 1.21"	Stock
223302	---	SBF	1962-85	221-302, NO BOSS	1.48" x 1.12"	Square
253351	---	SBF	1969-92	351W	2.11" x 1.20"	Stock
273390	---	BBF	1966-71	390-428 FE	2.12" x 1.38"	Stock
283429	---	BBF	1968-88	429-460	2.08" x 1.25"	Oval
CHRYSLER						
313318	---	SB Chry	1967-91	318	1.80" x 1.30"	Stock
323340	---	SB Chry	1968-89	340/360	1.80" x 1.30"	Stock
333440	---	BB Chry	1959-78	383-440	1.48" x 1.78"	Stock
353426	---	BB Chry	1964-71	426 HEMI	1.89" x 1.85"	Stock
OLDSMOBILE						
413455	---	Oldsmobile	1968-76	350-455	1.92" x 1.55"	Rectangle

IGNITION

FUEL & AIR

INTERNAL ENGINE

VALVE TRAIN

TIMING

OIL SYSTEMS

GASKETS

FASTENERS

PLUMBING

TRANSMISSION

EXHAUST & GAUGES

TOOLS & SAFETY

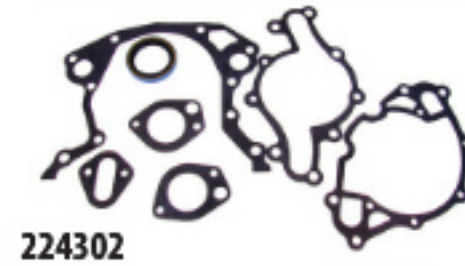
INDEX



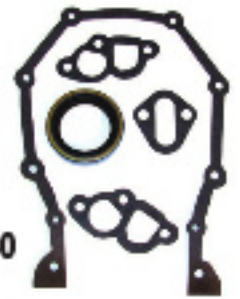
TIMING GASKET SETS

Fiber gasket material with high quality filler bound by NBR rubber.

*Part #114350 available in 25-pack, Part #350TCG-25



224302



334440

PART NO.	10-PACK	MAKE	YEAR	ENGINE	SIZE
CHEVY					
114350*	114350-10	SBC	1959-85	283-400	.030"
174396	174396-10	BBC	1965-90	396-454 GEN IV	.030"
---	175454-10*	BBC	1965-90	396-454 GEN IV	.030"
184502	---	BBC	1996-00	454-502 GEN VI	.030"
FORD					
224302	---	SBF	1962-95	221-302, 302EFI, 351W	.030"
274390	---	BBF	1966-71	390-428 FE	.030"
284429	---	BBF	1968-88	429, 460	.030"
CHRYSLER					
314318	---	SB Chrysler	1967-91	318 / 340 / 360	.030"
334440	---	BB Chrysler	1967-91	383-440	.030"
OLDSMOBILE					
414455	---	Oldsmobile	1968-76	455	.030"

*175454-10 does not include Oil Seals.

FRONT TIMING SEALS

Made with Nitrile and Polycrylate rubber.

PART NO.	MAKE	YEAR	ENGINE
CHEVY			
117350	SBC	59-91	283-400
117350-10	SBC	59-91	283-400 (10-Pack)
177396	BBC	65-90	396-454
177396-10	BBC	65-90	396-454 (10-Pack)
FORD			
217046	SBF	93-04	Ford 4.6L
227302	SBF/BBF	All	All except 4.6L
CHRYSLER			
317318	SB Chry/BB Chry	All	All V8 Applications
OLDSMOBILE			
417455	Oldsmobile	68-76	455



117350



177396



217046



227302



317318



417455

THERMOSTAT GASKETS

Gaskets for oil pan, water pump, .030" thick. Made with fiber gasket material with high quality filler bound by NBR rubber.

PART NO.	10-PACK	MAKE	YEAR	ENGINE
CHEVY				
118350	118350-10	SBC	1959-91	283-400
178396	178396-10	BBC	1965-00	396 / 454 / 502
FORD				
228302	---	SBF	1962-92	221 / 302 / 351W
278390	---	BBF	1966-71	390-428 FE
288429	---	BBF	1968-88	429-460
CHRYSLER				
318318	---	SB Chry	1967-91	318 / 340 / 360
338440	---	BB Chry	1959-78	383-426W, 440
OLDSMOBILE				
418455	---	Oldsmobile	1968-76	455



178396



228302



278390



288429



118350



338440

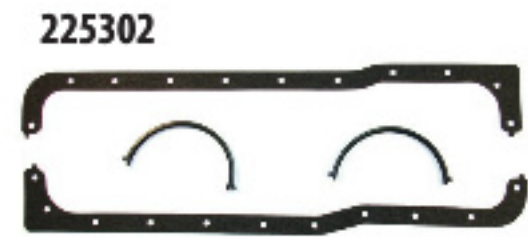


418455

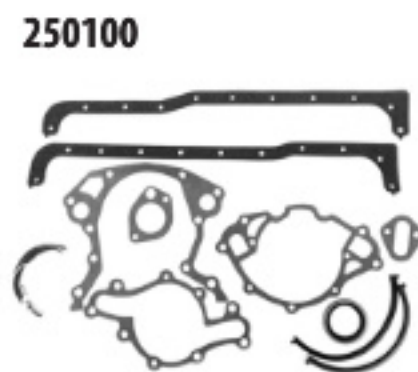


OIL PAN GASKET SETS

Gaskets are .090" thick. Made from low-density cellulose gasket material fiber with high rubber filler content and NBR binder.



PART NO.	10-PACK	MAKE	YEAR	DESCRIPTION
CHEVY				
115350	115350-10	SBC	1959-74	283-400
115350RLH	115350RLH-10	SBC	1959-74	283-400, (1-Piece rubber)
125350	125350-10	SBC	1975-84	305-400
125350RRH	---	SBC	1975-84	305-400, (1-Piece rubber)
135350	135350-10	SBC	1985-02	305-350 EFI
135350RRH	---	SBC	1985-02	305-350EFI, (1-Piece rubber)
175396	175396-10	BBC	1965-90	Gen IV
175396R	175396R-10	BBC	1965-90	Gen IV, (rubber)
185502R	---	BBC	1991-00	454-502, Gen V-VI (1-Piece rubber)
FORD				
215046R	---	SBF	1991-08	4.6L (1-Piece rubber)
225302	225302-10	SBF	1962-95	221-302 EFI
225302R	---	SBF	1962-85	302 (1-Piece rubber)
255351	255351-10	SBF	1969-92	351W
275390	---	BBF	1966-71	390-428 FE
285429	---	BBF	1968-88	429-460
CHRYSLER				
315318	---	SB Chry	1967-91	318
335440	---	BB Chry	1959-78	383-440
OLDSMOBILE				
415455	---	Oldsmobile	1968-76	455



BOTTOM END GASKET KITS

Gaskets for oil pan, water pump, timing cover along with front timing and rear main seals.

PART NO.	DESCRIPTION
CHEVY	
110100	SB Chevy
170100	BB Chevy, Gen IV
FORD	
220100	SB Ford, 289-302
250100	Ford 351W

COPPER COLLECTOR GASKET

Manufactured from .043 solid copper, each gasket features an embossed O-ring for a tight, leak-free seal.



PART NO.	DESCRIPTION
UNIVERSAL	
103250	2.5" Copper collector gasket, Pair
103300	3.0" Copper collector gasket, Pair

COLLECTOR GASKET

Replacement gaskets available in original and extra thick.



PART NO.	DESCRIPTION
UNIVERSAL	
1204	3" Collector gasket
1204X	3" Extra thick collector gasket



REAR MAIN SEALS

- 1-Piece Seals: Fluroelastomer rubber shaft seal
- 2-Piece Seals: Silicone split shaft



PART NO.	APPLICATION	YEAR	DESCRIPTION
CHEVY			
116100	Small Block Chevy	1959-74	283-400, (1-Piece)
116200	Small Block Chevy	1959-74	283-400, (2-Piece)
116900	Small Block Chevy	1959-74	283-400, (2-Piece Over)
166346	Small Block Chevy	1997-02	LS1
176396	Big Block Chevy	1965-90	396-454
176396V	Big Block Chevy	1965-90	396-454, Viton
176396V-10	Big Block Chevy	1965-90	396-454, Viton, 10-Pack
176454V	Big Block Chevy	1965-90	396-454, Viton, (1-Piece)
176454V-10	Big Block Chevy	1965-90	396-454, Viton, (1-Piece) 10-Pack
FORD			
216046	Small Block Ford	1993-04	4.6L
226302	Small Block Ford	1962-85	302, Except Boss
246302	Small Block Ford	1986-95	302 EFI
256351	Small Block Ford	1969-92	351W
276390	Big Block Ford	1966-71	390-428 FE
286429	Big Block Ford	1968-88	429-460
CHRYSLER			
316318	Small Block Chrysler	1968-89	318/340
336383	Big Block Chrysler	1959-78	383 / 400 / 413
346440	Big Block Chrysler	1966-78	440 / 426 HEMI
OLDSMOBILE			
416455	Oldsmobile	1968-76	455



HIGH TENSILE STRENGTH HEAD BOLT KITS

PART NO.	DESCRIPTION
CHEVY	
17203	SB Chevy, 170,000 PSI
17200	SB Chevy, 190,000 PSI
17202	BB Chevy, 170,000 PSI
17202HP	BB Chevy, 190,000 PSI
17118HP	LS1, Torque-to-Yield
FORD	
17201	SB Ford, 170,000 PSI
17201HP	SB Ford 302, 190,000 PSI
CHRYSLER	
17120HP	HEMI 5.7, 190,000 PSI



12-POINT INTAKE BOLTS



PART NO.	TYPE	FINISH	SIZE	QTY	DESCRIPTION
CHEVY					
41490	SBC	Silver	3/8" x 1-1/8"	12	Bolts and Washers
41491	SBC	Silver	3/8" x 1-1/8"	100	Bolts Only
41492	BBC OEM	Silver	3/8" x 1-1/8"	16	Bolts and Washers
41493	BBC Race	Gold	3/8" x 1-1/2"	100	Bolts Only
41494	BBC Race	Gold	3/8" x 1-1/2"	16	Bolts and Washers
41495	Washer	Silver	3/8"	100	Washers Only
41496	Washer	Gold	3/8"	100	Washers Only
41497	BBC Race	Silver	3/8 x 1-1/8"	16	Bolts and Washers
41498	BBC Race	Silver	3/8 x 1-1/8"	100	Bolts Only

STAINLESS INTAKE BOLT SETS



PART NO.	DESCRIPTION
CHEVY	
17506	SB Chevy, Allen head
17516	BB Chevy, Allen head

TIMING COVER STUD SET

Features a special bullet nose that aligns the cover for easy installation.



PART NO.	DESCRIPTION
UNIVERSAL	
130051	Timing cover stud set

12 PT FLANGE NUTS



PART NO.	DESCRIPTION
UNIVERSAL	
41480	3/8-24 x 7/16 - 10 Pack
41481	7/16-20 x 1/2 - 10 Pack
41481-200	7/16-20 x 1/2 - 200 Pack
41482	1/2-20 x 9/16 - 10 Pack

CARBURETOR STUD KITS

Each stud is machined from steel, finished in black oxide, and packaged with flange nuts.



PART NO.	DESCRIPTION
UNIVERSAL	
41630	Standard 1-3/8" length
41631	Carb with 1" spacer, 2-1/2" length
41632	Carb with 2" spacer, 3-1/2" length



STAINLESS STEEL ENGINE FASTENER KITS

Each kit includes intake manifold, oil pan, valve covers, headers, timing cover, water pump, water neck, fuel pump, and distributor hold down in 85,000 KFI tensile strength stainless fasteners. All Hex except 17502.

PART NO.	DESCRIPTION
CHEVY	
17500	SB Chevy
17501	SB Chevy, with header bolts
17502	Chevy tuned port, socket head
17510	BB Chevy
17511	BB Chevy, with header bolts
FORD	
17520	SB Ford
17521	SB Ford, with header bolts
17522	Ford 351 Cleveland
17524	Ford 429-460
17526	Ford FE 352-390, 428
CHRYSLER	
17540	BB Chrysler 440
PONTIAC/OLDSMOBILE	
17530	Pontiac 326-455
17532	Oldsmobile

BALANCER BOLTS

- Grade 8
- Thick hardened steel washers
- Steel lock washer



PART NO.	DESCRIPTION
CHEVY	
41350	SB Chevy, 7/16"-20 x 2-1/4"
41454	BB Chevy, 1/2"-20 x 1-1/2"

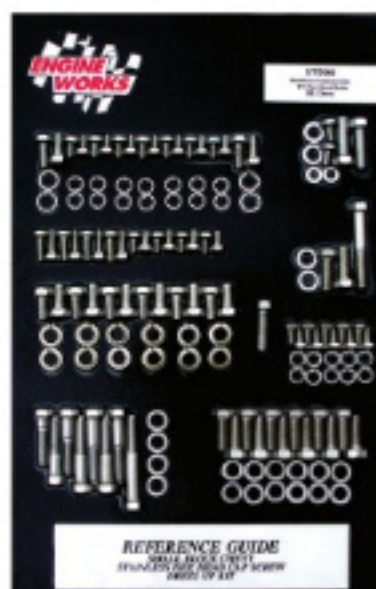
WHEEL RIM SCREWS

Self-tapping screws feature built-in washer face for maximum holding strength. Finished in gold iridite.

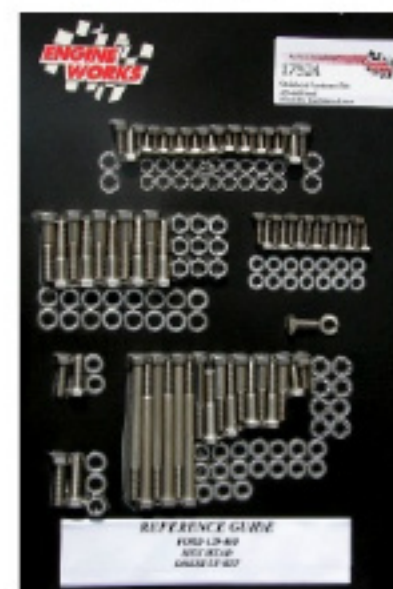


PART NO.	DESCRIPTION
UNIVERSAL	
73035	1/4" dia. x 3/4" long - Pack of 35

17500



17524



TORQUE CONVERTER BOLTS

Bolts torque converter to flexplate.



PART NO.	DESCRIPTION
CHEVY	
36715	GM TH400 - 3/8-16 x 1/2, 3-Piece
36716	GM TH350 - 3/8-24 x 5/8, Powerglide
FORD	
36717	Ford - 3/8-24 x 1/2, with lock nuts
CHRYSLER	
36718	Chrysler - 3/8-24 x 1/2, TorqueFlite 727

OIL PAN STUD & BOLT KITS

Grade 8 studs are black oxide finished. Studs feature a bullet point for easier pan installation.



PART NO.	DESCRIPTION
CHEVY	
265510	SB Chevy, set of 18 with lock nuts
265511	BB Chevy and Pontiac V8, set of 22
265500	SB Chevy oil pan bolt kit
265505	BB Chevy oil pan bolt kit

VALVE COVER STUD SETS

Special bullet nose. Stud length accommodates cast aluminum valve covers.



PART NO.	DESCRIPTION
UNIVERSAL	
276510	Set of 8 with washers & nuts
276121	Bolt kit for centerbolt, short
276131	Bolt kit for centerbolt, long



POP RIVET BACKUP WASHERS



PART NO.	DESCRIPTION
UNIVERSAL	
18100	1/8" - Pack of 250
36100	3/16" - Pack of 250

RIVET GUN

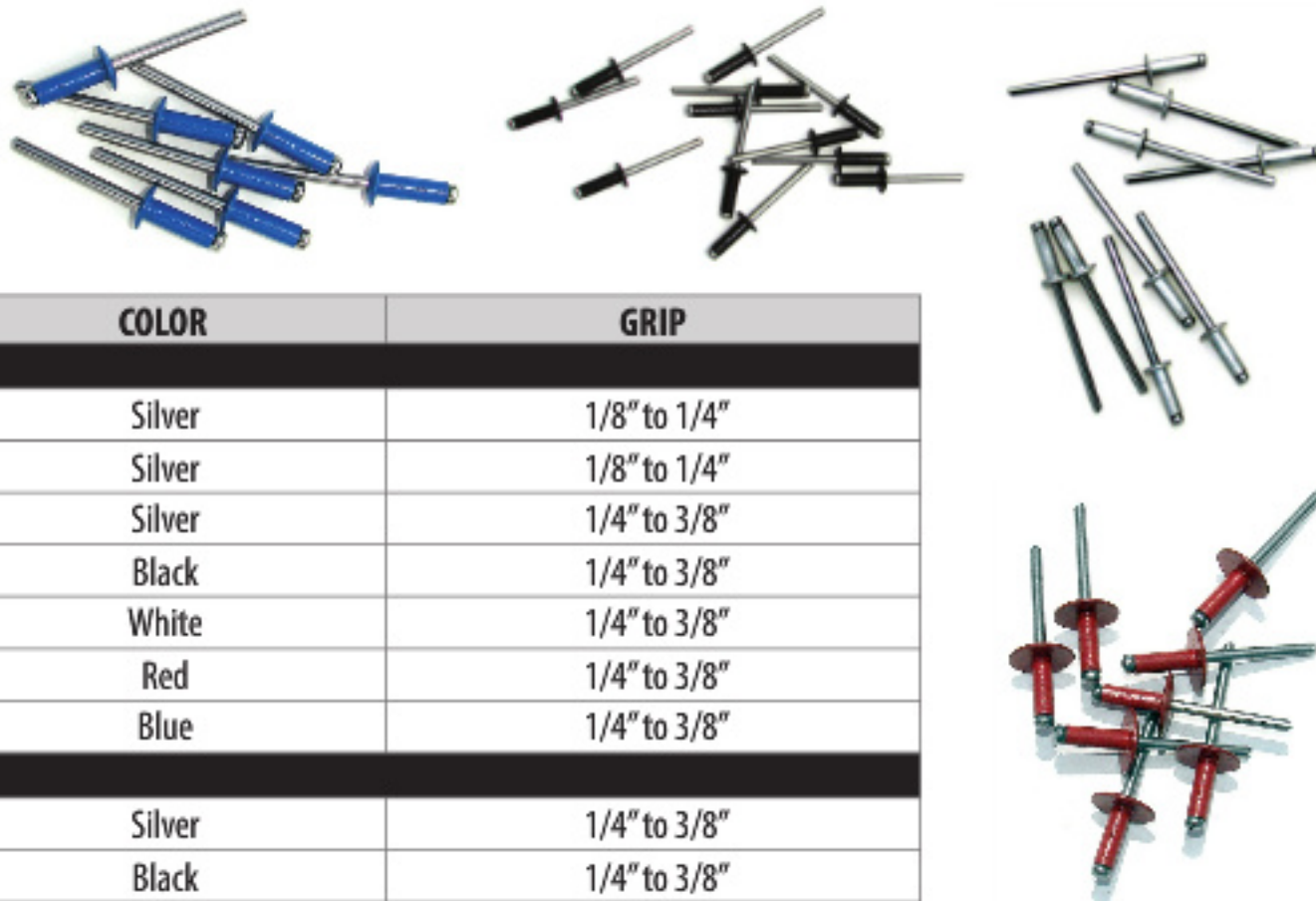
- Drop forged steel handle
- Aluminum alloy body with steel insert
- High-grade steel alloy jaws
- Includes 4 nosepieces: 3/32", 1/8", 5/32", & 3/16"



PART NO.	DESCRIPTION
UNIVERSAL	
18000	Manual rivet gun (Red)

ALUMINUM POP RIVETS

Packs of 250.



PART NO.	BODY X HEAD	COLOR	GRIP
SMALL HEAD			
18140	1/8" x 1/4"	Silver	1/8" to 1/4"
18380	1/8" x 3/8"	Silver	1/8" to 1/4"
36380	3/16" x 3/8"	Silver	1/4" to 3/8"
36381	3/16" x 3/8"	Black	1/4" to 3/8"
36382	3/16" x 3/8"	White	1/4" to 3/8"
36383	3/16" x 3/8"	Red	1/4" to 3/8"
36384	3/16" x 3/8"	Blue	1/4" to 3/8"
LARGE HEAD			
36580	3/16" x 5/8"	Silver	1/4" to 3/8"
36581	3/16" x 5/8"	Black	1/4" to 3/8"
36582	3/16" x 5/8"	White	1/4" to 3/8"
36583	3/16" x 5/8"	Red	1/4" to 3/8"
36584	3/16" x 5/8"	Blue	1/4" to 3/8"

QUICK RELEASE FASTENERS

Provide 1/4 turn action for release. Ejected studs won't hang up and give a visual reference the fastener is unlocked when popped up. Fasten by 1/8" rivets or screws. Flush head fasteners are made for the Aerospace industry and are 20% stronger than other brands. Packs of 10.



PART NO.	STYLE	HEAD TYPE	BODY / SPACING	GRIP RANGE	SPRINGS
UNIVERSAL					
39054	Self-ejecting	Small Flush	.500"	.198" to .233"	Yes
39056	Self-ejecting	Small Flush	.650"	.349" to .382"	Yes
39062	Self-ejecting	Large Flush	.500"	.198" to .233"	No
39063	Self-ejecting	Large Flush	.550"	.234" to .271"	No
39072	Self-ejecting	Butterfly	.500"	.198" to .233"	Yes
39073	Self-ejecting	Butterfly	.550"	.234" to .271"	Yes
39082	Spring	Fits 39054/39056	.325" Height	1"	---
39085	Spring	Fits 39062/39063	.375" Height	1-3/8"	---
39086	Spring	Fits 39062/39063	.425" Height	1-3/8"	---
39083	Bracket	Universal	1" Spring	---	---



TUBE NUTS & SLEEVES



NUTS		SLEEVES		AN SIZE
BLACK	BLUE	BLACK	BLUE	
UNIVERSAL				
500400	400400	501400	401400	04
500600	400600	501600	401600	06
500800	400800	501800	401800	08



ALUMINUM AN FITTINGS

RED/BLUE

STRAIGHT	45°	90°	HOSE SIZE
UNIVERSAL			
410400	410445	410490	04
410600	410645	410690	06
410800	410845	410890	08
411000	411045	411090	10
411200	411245	411290	12

AN TO PIPE ADAPTER FITTINGS - MALE

RED/BLUE



STRAIGHT	90°	AN SIZE	TO INCHES
UNIVERSAL			
420031	429031	03	1/8"
420041	429041	04	1/8"
420042	429042	04	1/4"
420061	429061	06	1/8"
420062	429062	06	1/4"
420063	429063	06	3/8"
420083	429083	08	3/8"
420085	429085	08	1/2"
420105	429105	10	1/2"

ALLEN SOCKET PIPE PLUGS

BLACK	BLUE	SIZE
UNIVERSAL		
520312	420312	1/8"
520325	420325	1/4"
520337	420337	3/8"
520350	420350	1/2"



BILLET AN WRENCHES

Machined from 3/8" 6061 Billet Aluminum and anodized black for long term corrosion protection. All wrenches are laser etched with the fitting size for easy identification.



PART NO.	DESCRIPTION
UNIVERSAL	
560200	AN wrench set, includes sizes 4 to 12



ALUMINUM AN FITTINGS BLACK

STRAIGHT	45°	90°	HOSE SIZE
UNIVERSAL			
510400	510445	510490	04
510600	510645	510690	06
510800	510845	510890	08
511000	511045	511090	10
511200	511245	511290	12

AN TO PIPE ADAPTER FITTINGS - MALE

BLACK



STRAIGHT	90°	AN SIZE	TO INCHES
UNIVERSAL			
520031	529031	03	1/8"
520041	529041	04	1/8"
520042	529042	04	1/4"
520061	529061	06	1/8"
520062	529062	06	1/4"
520063	529063	06	3/8"
520083	529083	08	3/8"
520085	529085	08	1/2"
520105	529105	10	1/2"

NYLON WASHERS

Use with bulkhead fittings.



2-PACK	10-PACK	SIZE
UNIVERSAL		
12001	12001-10	06AN
12002	12002-10	08AN
12003	12003-10	10AN
12004	12004-10	12AN
26-102	26-102-10	7/16"



STAINLESS DOUBLE BRAID HOSE (41 SERIES)

Race quality hose. Alcohol based fuels, motor oils, and coolant. 1,000 - 1,500psi max pressure rating. -40°F to 350°F.

PART NO.	LENGTH	AN SIZE
UNIVERSAL		
410403	3'	04
410406	6'	04
410410	10'	04
410415	15'	04
410420	20'	04
410603	3'	06
410606	6'	06
410610	10'	06
410615	15'	06
410620	20'	06
410650	50'	06
426000	100'	06
426250	250'	06
410803	3'	08
410806	6'	08
410810	10'	08
410815	15'	08
410820	20'	08
428000	100'	08

PART NO.	LENGTH	AN SIZE
UNIVERSAL		
411003	3'	10
411006	6'	10
411010	10'	10
411015	15'	10
411020	20'	10
420010	100'	10
411203	3'	12
411206	6'	12
411210	10'	12
411215	15'	12
411220	20'	12
411603	3'	16
411606	6'	16
411610	10'	16
411615	15'	16
411620	20'	16



NYLON FIBER BRAID HOSE (51 SERIES)

Black cover, high grade nitrile core. Lightweight. Fuel, lubricating oil, and coolant. 350 psi max pressure rating. -40°F to 300°F.

PART NO.	LENGTH	AN SIZE
UNIVERSAL		
510406	6'	04
510420	20'	04
510606	6'	06
510620	20'	06
510650	50'	06
526000	100'	06
510806	6'	08
510820	20'	08
510850	50'	08
528000	100'	08
511006	6'	10
511020	20'	10
520010	100'	10
511206	6'	12
511220	20'	12
511603	3'	16
511606	6'	16
511620	20'	16

ULTRA-LIGHT-WEIGHT RACE HOSE (53 SERIES)

Ultra lightweight black nylon w/ stainless braid. Burst pressure tested up to 500 psi. Race fuels: ethanol, E85, diesel/bio-diesel, methane extended fuels. Made for high pressure pumps. Do NOT use with cutter style fittings. -30°F to 275°F.



PART NO.	LENGTH	AN SIZE
UNIVERSAL		
530603	3'	06
530606	6'	06
530610	10'	06
530615	15'	06
530620	20'	06
530803	3'	08
530806	6'	08
530810	10'	08
530815	15'	08
530820	20'	08
530899	100'	08
531003	3'	10
531006	6'	10
531010	10'	10
531015	15'	10
531020	20'	10



PROFLEX PUSH-ON HOSE (71 SERIES & 81 SERIES)

Black or Blue nitrile cover w/dual fiber support core. Ultra lightweight and flexible, not for brake or power steering fluids. 250 psi max pressure rating. -30°F to 160°F. Works with ethanol, alcohol, and methanol, but 53 Series Recommended.

BLACK	BLUE	LENGTH	AN SIZE
UNIVERSAL			
810410	710410	10'	04
810420	710420	20'	04
810610	710610	10'	06
810620	710620	20'	06
810650	710650	50'	06
810810	710810	10'	08
810820	710820	20'	08
810850	710850	50'	08
811010	711010	10'	10
811020	711020	20'	10
811100	711100	100'	10



OVERFLOW TANK

Ideal addition to any street rod or street machine. Stainless steel construction with knurled cap. Includes mounting bracket and hardware.

PART NO.	DESCRIPTION
UNIVERSAL	
70515	Polished stainless, 2" x 15"



RADIATOR CAPS

These caps start with a premium 16-pound radiator cap and then we install a CNC-Machined billet aluminum cover that's been highly polished or anodized black.

PART NO.	DESCRIPTION
UNIVERSAL	
550550	Radiator cap w/ aluminum cover, Polished
560550	Radiator cap w/ aluminum cover, Black anodized
41100	Radiator cap, 20 psi

STAINLESS BRAID TEFLON HOSE (91 SERIES)

Stainless cover, Teflon PTFE tube. Ultra protection against line expansion. 300 psi max pressure rating. 65°F to 450° F.



PART NO.	LENGTH	AN SIZE
UNIVERSAL		
910303	3'	03
910306	6'	03
910310	10'	03
910403	3'	04
910406	6'	04
910410	10'	04
910603	3'	06
910606	6'	06
910610	10'	06
910803	3'	08
910806	6'	08
910810	10'	08

HIGH PERFORMANCE ALUMINUM WATER PUMPS

Anti-Cavitation, high flow 6-blade impeller, 100% NEW, 3/4" bearing, 5/8" snout.



PART NO.	DESCRIPTION
CHEVY	
41034	SB Chevy - Short
41035	SB Chevy - Long



BILLET WATER BYPASS

PART NO.	DESCRIPTION
CHEVY	
41250	Chevy applications, water bypass 1/4"

SERIOUS HORSEPOWER



PLASTIC FLEX FANS

Lightweight design. Extends water pump life. Standard rotation only.



PART NO.	DESCRIPTION
UNIVERSAL	
13816	16"
13817	17"
13818	18"

REVERSIBLE ELECTRIC COOLING FANS

Ideal for OEM or 12V high performance applications. Configured as a puller from the factory. Fans mount on the inside and pull air through the radiator. Blades and polarity of the wiring may be reversed to push air through.



PART NO.	DESCRIPTION
UNIVERSAL	
13708	8", 500 cfm, S-Blade
13710	10", 1000 cfm, S-Blade
13712	11", 1200 cfm, S-Blade
13714	14", 1900-2300 cfm push, 1500-1800 cfm pull, S-Blade
13716	16", 2400-2700 cfm push, 2200-2500 cfm pull, S-Blade
13701	Fan Installation Kit

*All electric fans include install kit

HIGH PERFORMANCE OIL COOLER

PART NO.	TYPE	DIMENSIONS	GVW	CORE	INLET	INLET DISTANCE
UNIVERSAL						
13718	Tube-Fin	13-1/2" x 5" 1/8" x 3/4"	12,000	9-5/8"	6AN	3-3/4"
13719	Tube-Fin	17-1/2" x 5" 1/8" x 3/4"	18,000	13-3/4"	6AN	3-3/4"
13720	Tube-Fin	17-1/2" x 7" 5/8" x 3/4"	20,000	13-3/4"	6AN	6-1/4"

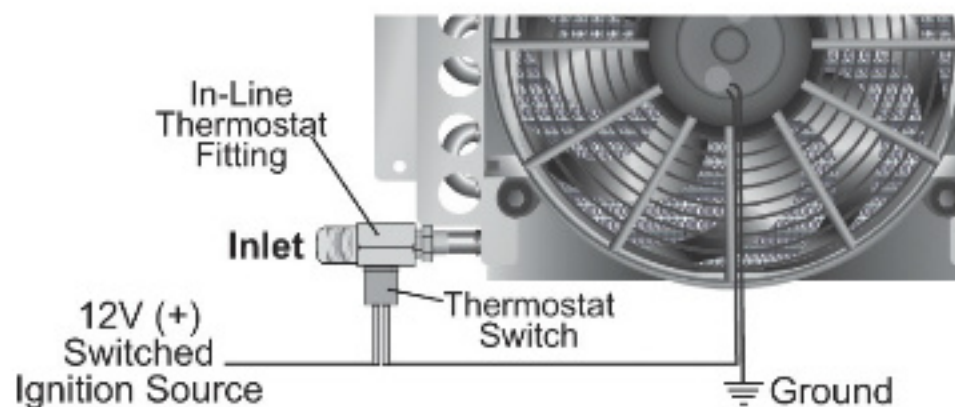


ATOMIC STACKED-PLATE REMOTE OIL COOLER

Complete assembly with aluminum AN fittings and hose-barb adapters. Improves performance of engine or transmission. High efficiency plate-and-fin heat exchanger core. Universal mounting. Stacked with fan.



PART NO.	TYPE	INLET SIZE	FAN SIZE	CFM	AMP DRAW	DIMENSIONS	MOUNTING	BARB SIZE
UNIVERSAL								
13750	Plate & Fin	5/8" - 18 O-Ring Female x -6AN Male	8"	500	4.8	12-3/4" x 9-3/8" x 4-5/16"	11-5/8" x 4"	3/8"
15850	Plate & Fin	5/8" - 18 O-Ring Female x -8AN Male	8"	500	4.8	12-3/4" x 9-3/8" x 4-5/16"	11-5/8" x 4"	1/2"



For illustrative purposes only. Actual part may differ.

IN-LINE REMOTE COOLER FAN CONTROL THERMOSTAT

Turns on at 165°F and shuts off at 180°F.



PART NO.	DESCRIPTION
UNIVERSAL	
13766	-6AN
13788	-8AN



ALUMINUM BODY MOUNTS

Direct replacement for the factory subframe bushings. Solid aluminum. Set of 6.



PART NO.	DESCRIPTION
UNIVERSAL	
12750	Camaro and Firebird 67-81, Nova 68-79, Ventura/Apollo/Omega 71-72

BRAKE PROPORTIONING VALVE

- 60% reduction over the full pressure range
- Sure grip knob for fine tune adjustment
- Billet aluminum with brass internals for durability and reliability
- Includes 3/16" tube adapters



PART NO.	DESCRIPTION
UNIVERSAL	
22200	Brake proportioning valve

BILLET RACK & PINION MOUNT

PART NO.	DESCRIPTION
UNIVERSAL	
22701	Billet rack & pinion mount



LINE LOCK/ROLL CONTROL KIT

High quality solenoid with switch, fuseholder and indicator light. Rebuildable.



PART NO.	DESCRIPTION
UNIVERSAL	
37050	Line lock kit

BRAKE LINES



- 03AN DOT conforming street legal brake lines will improve your 60 to 0 braking needs
- Constructed from smooth bore Teflon tube reinforced with a 308 stainless steel braided cover, allowing a more firm and faster brake pedal response
- Hex nut ends, assorted lengths

PART NO.	DESCRIPTION
UNIVERSAL	
12012-3	12" x 03AN hose ends, Straight
12012-4	12" x 04AN hose ends, Straight
12015-3	15" x 03AN hose ends, Straight
12015-4	15" x 04AN hose ends, Straight
12018-3	18" x 03AN hose ends, Straight
12018-4	18" x 04AN hose ends, Straight
12024-3	24" x 03AN hose ends, Straight
12024-4	24" x 04AN hose ends, Straight
12036-3	36" x 03AN hose ends, Straight
12036-4	36" x 04AN hose ends, Straight
12048-3	48" x 03AN hose ends, Straight
12048-4	48" x 04AN hose ends, Straight
12915-3	15" x 03AN hose ends, 90°
12915-4	15" x 04AN hose ends, 90°
12918-3	18" x 03AN hose ends, 90°
12924-3	24" x 03AN hose ends, 90°
12924-4	24" x 04AN hose ends, 90°
12936-3	36" x 03AN hose ends, 90°
12936-4	36" x 04AN hose ends, 90°
12948-3	48" x 03AN hose ends, 90°
12948-4	48" x 04AN hose ends, 90°

WHEELIE BAR WHEELS

Billet aluminum.



PART NO.	DESCRIPTION
UNIVERSAL	
550600	Star style wheel
550601	Hole style wheel
550602	Ten spoke star style wheel

WHEELIE BAR WRENCHES

Billet aluminum.



PART NO.	DESCRIPTION
UNIVERSAL	
560210	3/4"
560211	15/16"
560212	1"



LADDER BAR 2" X 3" CROSSMEMBER BRACKETS

- Stamped from 3/16" mild steel
- Three 3/4" mounting holes
- Pair



PART NO.	DESCRIPTION
UNIVERSAL	
12712	Ladder Bar Crossmember Brackets



LOWER COILOVER SHOCK MOUNT KIT

- Fits housings with 3" OD axle tubes
- Allows 6" of height adjustment in 1" increments
- 1/4" housing brackets, 3/16" shock brackets
- Includes grade 8 hardware and spacers
- Welding required
- Fits most popular coil-over shocks

PART NO.	DESCRIPTION
UNIVERSAL	
12730	Coilover shock mount kit

COILOVER SPANNER WRENCH

The fast, effective way to adjust ride height in coilover shocks.



PART NO.	DESCRIPTION
UNIVERSAL	
15085	Coilover spanner wrench

STEERING QUICK DISCONNECT

Fits standard steering tubing (oversize 3/4").



PART NO.	DESCRIPTION
UNIVERSAL	
71616	Steering quick disconnect



FRONT MOTOR PLATES

These front motor plates are made out of 1/4" thick 6061-T6 billet aluminum and are precision machined so they will fit each application with ease. All plates are made from a one piece design which allows for extra strength to help eliminate engine movement. The perfect addition for quick and easy engine swaps.

PART NO.	DESCRIPTION
CHEVY	
12700	SB Chevy
12701	BB Chevy
FORD	
12703	Ford 302/351W



MID-MOUNT MOTOR PLATES

PART NO.	DESCRIPTION
CHEVY	
12702	Chevy, .090" Thick, Steel
FORD	
12704	Ford 302/351W, Aluminum

COILOVER HOUSING BRACKETS

- 1-1/2" radius accepts 3" diameter axle tube
- 3/8" shock bracket mounting holes
- Packaged in pairs



PART NO.	DESCRIPTION
UNIVERSAL	
12710	Coilover housing brackets

UNIVERSAL JOINTS



PART NO.	DESCRIPTION
UNIVERSAL	
71610	1-1/4 OD, 9/16-26 Spline - Smooth Bore
71612	1-1/4 OD, 3/4 Smooth x 3/4 Smooth



ROD END KITS

We offer two and three piece designs. Two piece design is considered "standard" quality and is made of low carbon steel. Three piece rod ends are produced from chromemoly and heat treated for supreme strength. Zinc finished jam nuts provided with all part numbers.

RIGHT HAND	LEFT HAND	THREAD	HOLE DIA.	TYPE	RADIAL LOAD
MALE ROD ENDS					
CM3KIT	CML3KIT	10-32	3/16"	2pc Mild Steel	1,204 lbs
CM4KIT	CML4KIT	1/4-28	1/4"	2pc Mild Steel	2,212 lbs
CM6KIT	CML6KIT	3/8-24	3/8"	2pc Mild Steel	5,068 lbs
CM8KIT	CML8KIT	1/2-20	1/2"	2pc Mild Steel	8,338 lbs
CM10KIT	CML10KIT	5/8-18	5/8"	2pc Mild Steel	9,713 lbs
CM12KIT	CML12KIT	3/4-16	3/4"	2pc Mild Steel	14,207 lbs
JMX6KIT	JMXL6KIT	3/8-24	3/8"	3pc Steel Alloy	9,550 lbs
JMX8KIT	JMXL8KIT	1/2-20	1/2"	3pc Steel Alloy	16,242 lbs
JMX10KIT	JMXL10KIT	5/8-18	5/8"	3pc Steel Alloy	17,959 lbs
JMX12KIT	JMXL12KIT	3/4-16	3/4"	3pc Steel Alloy	28,090 lbs
RSMX10KIT	RSMXL10KIT	3/4-16	5/8"	3pc HD Steel	40,590 lbs
FEMALE ROD ENDS					
CF3KIT	CFL3KIT	10-32	3/16"	2pc Mild Steel	2,100 lbs
CF4KIT	CFL4KIT	1/4-28	1/4-28	2pc Mild Steel	3,250 lbs
CF6KIT	CFL6KIT	3/8-24	3/8-24	2pc Mild Steel	5,100 lbs
CF8KIT	CFL8KIT	1/2-20	1/2-20	2pc Mild Steel	9,100 lbs

HIGH PERFORMANCE TORQUE CONVERTERS

Street and Strip converters are precision welded and include all new hardened pump hubs and new roller bearings. Each converter is leak checked and computer balanced. These converters offer unmatched quality and durability with spragless technology.



PART NO.	DIAMETER	TYPE	BOLT PATTERN	STALL	DESCRIPTION
GM					
500000	11"	GM TH350 / TH400	10-1/2"	2200-2600 RPM	---
500001	10"	GM TH350 / TH400	10-1/2"	2700-3000 RPM	---
500002	12"	GM TH350 / TH400	10-1/2"	2000-2200 RPM	---
500003	10"	GM TH350 / TH400	10-1/2"	3200-3500 RPM	---
500004	10"	GM TH350 / TH400	10-1/2"	3500-3800 RPM	---
FORD					
500006	11"	C-6	11-7/16"	2000-2400 RPM	26-Spline, 1.375 Pilot
500007	11"	C-4	10-1/2"	2000-2400 RPM	26-Spline, 1.375 Pilot
500009	10"	C-4	10-1/2"	2800-3200 RPM	26-Spline, 1.375 Pilot
CHRYSLER					
500008	11"	A-727	10"	2000-2400 RPM	24-Spline



NITROUS, BLOWER, AND TRANSBRAKE TORQUE CONVERTERS

Perfect converter for the racer who wants to street drive during the week and competitively race on the weekends. Converters are rated to 600 HP and the GM version is available in five different models with stall speeds from 2,500 to 4,000 RPM depending on HP and torque.



PART NO.	DIAMETER	TYPE	STALL	ANTI-BALLOON
GM				
700000	10"	GM	2500-2900 RPM	YES
700001	10"	GM	2900-3300 RPM	YES
700002	10"	GM	3300-3700 RPM	YES
700003	10"	GM	3700-4100 RPM	YES
700004	10"	GM	4100-4500 RPM	YES

RING & PINION GEAR SETS

Machined on CNC equipment for precise fitment and heat treated for maximum strength. Designed to provide noise free performance for street and race applications.



PART NO.	RATIO	DESCRIPTION
FORD		
488355	3.55	8.8" Ford
488373	3.73	8.8" Ford
488410	4.10	8.8" Ford
488456	4.56	8.8" Ford
409350	3.50	9" Ford
409370	3.70	9" Ford
409389	3.89	9" Ford
409411	4.11	9" Ford
409456	4.56	9" Ford
409486	4.86	9" Ford
409514	5.14	9" Ford
409529	5.29	9" Ford
409543	5.43	9" Ford
409567	5.67	9" Ford
409583	5.83	9" Ford
409600	6.00	9" Ford
409620	6.20	9" Ford
409650	6.50	9" Ford

PART NO.	RATIO	DESCRIPTION
GM		
475373	3.73	GM 10-Bolt 7.5" OEM
475373T	3.73	GM 10-Bolt 7.5" Thick
475410	4.10	GM 10-Bolt 7.5" OEM
475410T	4.10	GM 10-Bolt 7.5" Thick
475342	3.42	GM 10-Bolt 7.5" OEM
485308	3.08	GM 10-Bolt 8.5"
485342	3.42	GM 10-Bolt 8.5"
485373	3.73	GM 10-Bolt 8.5"
485410	4.10	GM 10-Bolt 8.5"
485456	4.56	GM 10-Bolt 8.5"
487373	3.73	GM 12-Bolt Truck



RING & PINION INSTALLATION KITS

PART NO.	DESCRIPTION
CHEVY	
400308	GM 10-Bolt, 7.5 / 7.625", OEM
400310	GM 10-Bolt, 8.5"
400316	GM 12-Bolt, 8.875", Truck
FORD	
400305	Ford, 8.8"
400306	Ford, 9", 2.891" Bearing
403062	Ford SFI flywheel, 9", 3.062" Bearing



FULL SIZE SPOOL

Machined from chromemoly steel forgings, spools provide a more rigid ring gear mount and offer more strength than mini-spools. All spools are CNC machined with lightening holes. Lightweight versions have been further machined to nearly the weight of aluminum, yet retain the strength of steel. Heat treated for max strength.

PART NO.	DESCRIPTION
GM	
32830	GM 12-Bolt, 30-Spline
FORD	
32831	Ford 8.8", 31-Spline
32928	Ford 9", 28-Spline
32931	Ford 9", 31-Spline, 7.95lbs
32935	Ford 9" 35-Spline



FLEXPLATE BOLT SETS

Bolts torque converter to flexplate.

PART NO.	DESCRIPTION
GM	
36715	GM TH400 - 3/8-16 x 1/2, 3-Piece
36716	GM TH350 - 3/8-24 x 5/8, Powerglide
FORD	
36717	Ford - 3/8-24 x 1/2, with lock nuts
CHRYSLER	
36718	Chrysler - 3/8-24 x 1/2, TorqueFlite 727

SFI APPROVED FLEXPLATES

Exceeds spec 29.1.

EW SFI	EW PRO SFI	TYPE	STYLE	TEETH	BALANCE
GM					
350168	850168	SBC, 57-85	2-Piece	168	Internal
350168I	---	SBC, 86-Up	1-Piece	168	Internal
350153I	---	SBC	2-Piece	153	Internal
350168L	---	SBC Late Model, 86-97	1-Piece	168	External
350153E	---	SBC Late Model	1-Piece	153	External
400168	---	SBC 383-400, 70-76	2-Piece	168	External
454168E	854168E	BBC 454, 70-90	2-Piece	168	External
---	854168L	BBC 454 Late Model, 91-Up	1-Piece	168	External
FORD					
---	889164	SBF 289 / 302 / 351W	---	164	Internal
302164	802164	SBF 289-351W	---	164	28 oz
302164L	802164L	SBF 302 Late Model, 82-95	---	164	50 oz
302157	---	SBF 289-351W	---	157	28 oz
302157L	---	SBF 82-95	---	157	50 oz, External
460164I	---	BBF 460, 73-93	---	164	Internal
460164E	---	BBF 460, 73-93	---	164	External
PONTIAC					
455166	---	Pontiac 455, V8 65-78	2-Piece	166	External

MINI SPOOL

Mini-spools differ from spools in that they achieve differential lockup by replacing the side and spider gears. Each is machined from chromemoly forgings and heat treated for maximum strength. 9" Ford installations should include our high strength cross pin.



PART NO.	DESCRIPTION
GM	
31075	GM 7.5", 26-Spline
31082	GM 8.2" 10-Bolt
31085	GM 8.5", 10-Bolt, 28-Spline
31088	GM 12-Bolt, 8.875"
FORD	
31828	Ford 8.8", 28-Spline
31928	Ford 9", 28-Spline
31931	Ford 9", 31-Spline

CROSS PIN

Every new Ford 9" spool or mini-spool installation should include our high strength cross pin.



PART NO.	DESCRIPTION
FORD	
31900	Ford 9" Cross Pin





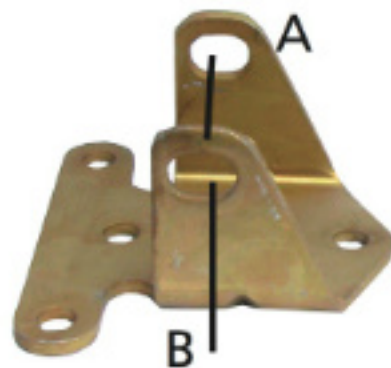
SFI FLYWHEELS

Precision machined 1045 billet steel.

PART NO.	APPLICATION	DESCRIPTION
GM		
40101	SBC, 63-85	153 Tooth, Internal balance
40102	SBC, 55-85	168 Tooth, Internal balance
FORD		
40201	SBF, 64-69	157 Tooth, 28 oz
40202	SBF, 80-95	157 Tooth, 50 oz

MOTOR MOUNTS

Solid steel mounts are zinc chromate plated to protect against rust.
2 per package.



PART NO.	INTERCHANGE	MATERIAL	A	B
GM				
12610	GM #3990914	.250" Steel	2-1/2"	1-11/16"
12620	GM #3962748	.188" Steel	2-3/8"	2-1/8"
12630	GM #6258154	.188" Steel	2-5/8"	1-3/4"

TRANSMISSION MOUNT

Fabricated from heavy 3/16" steel and features slotted mounting holes for easy installation.



PART NO.	DESCRIPTION
GM	
12615	Accepts Powerglide, TH350, TH400, Borg Warner, Muncie, Saginaw, Chrysler, and Doug Nash

Does not fit 1982-92 Camaro/Firebird

BALANCE PLATE

Converts 350 to 400 Chevy flywheel.



PART NO.	DESCRIPTION
GM	
300999	Balance plate, OE spec steel

ADJUSTABLE CLUTCH CABLE & QUADRANT KITS

Firewall panel adjustable kit offers a heavy duty cable and adjustment flexibility. The 48001 allows clutch to be adjusted under the hood at the firewall panel by a billet adjuster that bolts to the firewall. Includes heavy duty CNC machined aluminum quadrant, billet male/female adjuster, and premium heavy duty cable.



PART NO.	DESCRIPTION
UNIVERSAL	
48000	Quadrant kit, end adjustment, Mustang 79-95
48001	Quadrant kit, firewall adjustment, Mustang 79-96
48002	Adjustable clutch cable, Mustang 79-95
48003	Clutch cable, adjustable end, Mustang Cobra/GT 96-04
48004	Clutch cable, Mustang Cobra/GT 96-04, firewall

UNIVERSAL 4-SPEED SHIFTER

Universal shifter, not designed to fit a specific vehicle or console, modifications may be necessary. The shifter handle is 11" tall which slopes back 4" with no bend to the side.



PART NO.	DESCRIPTION
UNIVERSAL	
37000	Universal 4-speed shifter

BELLOUSING DOWEL PINS



PART NO.	DESCRIPTION
CHEVY	
12653	SBC & BBC, OE 1.193"
37232	SBC & BBC, Extra Long 1.500"



DEEP ALUMINUM TRANSMISSION PANS

Deep pans offer multiple benefits for race and street use. In addition to more fluid capacity, aluminum dissipates heat, and is stronger than stamped steel alternatives. Spacer and bolts included in each pan.

PART NO.	DESCRIPTION
GM	
37230	Powerglide
37330	Turbo 350
37430	Turbo 400



FILTER KITS

Each kit includes a quality filter and pan gasket.

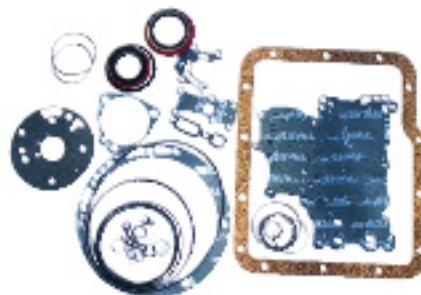
PART NO.	DESCRIPTION
GM	
37208	Powerglide, 1962-73
37351	Turbo 350, 1969-86
37401	Turbo 400, 1967-98
37701	Turbo 700, 1982-93

37401



TRANSMISSION OVERHAUL KITS

Master overhaul kits include premium friction and steel plates with all the gaskets and seals necessary for a precise rebuild.



PART NO.	DESCRIPTION
GM	
37209	Powerglide overhaul gasket set, 1962-73
37209R	Powerglide overhaul gasket set, Racing series, 1962-73
37210	Powerglide master overhaul kit, 1962-73
37350	Turbo 350 master overhaul kit, 1969-86
37400	Turbo 400 master overhaul kit, 1965-98
37700	Turbo 700 master overhaul kit, 1987-93

CLUTCH SPRING SET

PART NO.	DESCRIPTION
UNIVERSAL	
37250	Clutch spring set - 17pk., reverse w/retainer
37251	Clutch return spring, -24pk., direct



UNIVERSAL POWER-GLIDE SHIFT LEVER

Convenient way to install aftermarket shifters on Powerglide transmissions.



PART NO.	DESCRIPTION
GM	
37218	Competition shift lever, 2-Piece

BAND ADJUSTMENT PIN

PART NO.	DESCRIPTION
GM	
37222	Powerglide band adjustment pin



POWERGLIDE DUAL RING SERVO PISTON

The servo piston controls the first gear band. Leakage at this point can cause "creep" or "rock" for drag racers using Powerglide transmissions. Dual O-ring servos offer improved sealing and cures the "creep" headache.



PART NO.	DESCRIPTION
GM	
37216	Dual ring servo piston
37219	Cover kit

SERIOUS HORSEPOWER



POWERGLIDE BUSHING SET

Set of 5 bushings and washers are included in every Powerglide rebuild. Includes case bushing, clutch drum bushing, direct drum thrust washer, rear sun gear thrust washer, and sun gear bushing.

PART NO.	DESCRIPTION
GM	
37257	Powderglide bushings & washers



POWERGLIDE SFI CASE

PART NO.	DESCRIPTION
GM	
37270	Powderglide SFI case



POWERGLIDE SHORTY HOUSING W/ BEARING

PART NO.	DESCRIPTION
GM	
37272	Aluminum shorty housing w/ bearing



POWERGLIDE HARDENED YOKE

PART NO.	DESCRIPTION
GM	
37274	Hardened yoke for bearing



POWERGLIDE SFI SHIELD

PART NO.	DESCRIPTION
GM	
37280	SFI black shield w/ hardware

"WEDDING BAND" SUN GEAR BUSHING

Restores alignment between the sun gear and input shaft.



PART NO.	DESCRIPTION
GM	
37256	Powerglide, sun gear bushing

POWERGLIDE TAIL HOUSING



PART NO.	DESCRIPTION
GM	
37271	Powderglide roller tail housing

POWERGLIDE SHORTY HOUSING W/ BEARING



PART NO.	DESCRIPTION
GM	
37273	Aluminum shorty housing w/ bearing

POWERGLIDE OVERFLOW TANK



PART NO.	DESCRIPTION
GM	
37275	Powerglide overflow tank

POWERGLIDE SFI FLEXPATE SHIELD



PART NO.	DESCRIPTION
GM	
37281	SFI flexplate shield



LOCKING DIPSTICK



PART NO.	DESCRIPTION
GM	
37290	Powerglide locking dipstick, long
37291	Powerglide locking dipstick, short
37332	TH350 locking dipstick
37432	TH400 locking dipstick

BILLET CLUTCH HUB

Super strength in this clutch hub is achieved by CNC machining premium stress proof steel stock to exact specifications. Engineered with extra material in high stress locations. Accepts up to 8 discs.



PART NO.	DESCRIPTION
GM	
37215	Powerglide high gear clutch hub
37215LW	Powerglide high gear clutch hub, Lightweight
37415	TH400 forward clutch hub

TH400 INTERMEDIATE MAINSHAFT



PART NO.	DESCRIPTION
GM	
37448	TH400 - Main shaft, intermediate, 300M

POWERGLIDE STATOR SHAFT



PART NO.	DESCRIPTION
GM	
37241	4340 steel stator shaft

POWERGLIDE OUTPUT SHAFT SUPPORT

Made from high strength 6061-T6 billet aluminum.



PART NO.	DESCRIPTION
GM	
37240	Powerglide transbrake solenoid
37258	Support shaft bushing, .908" I.D., 1982-84

2-WIRE TRANSBRAKE SOLENOID

Dependable 2-wire design, the solenoid doesn't have to "hunt" for a ground through the plunger tip causing potential intermittent shorts. Solenoid windings are precision wound on a metallic spool to prevent deformations due to overheating that cause lesser quality solenoids to stick.



PART NO.	DESCRIPTION
GM	
37301	Powerglide transbrake solenoid

SOLENOID TSI VALVE BODY



PART NO.	DESCRIPTION
GM	
37302	Powerglide solenoid TSI valve body

HIGH GEAR CLUTCH PLATES



PART NO.	DESCRIPTION
GM	
37226	Powerglide high gear clutch plate, thin .060
37226S	Powerglide high gear clutch plate, thin steel
37227	Powerglide high gear clutch plate set, thick .100
37227S	Powerglide high gear clutch plate set, thick steel

POWERGLIDE INPUT SHAFTS

These hardened input shafts are produced from nickel hardened chromemoly for increased strength.



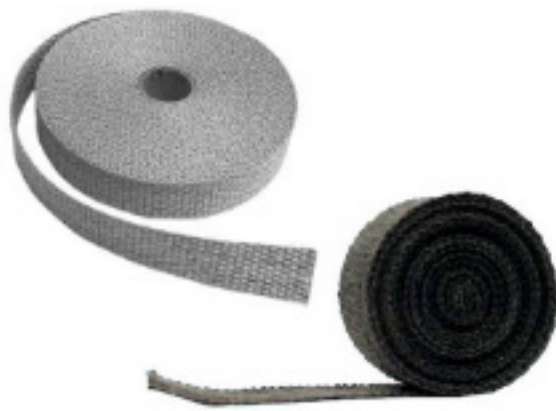
PART NO.	DESCRIPTION
GM	
37245	Powerglide, 4340 steel
37246	Powerglide to turbo, 4340 steel
37248	Powerglide to turbo, 300M 30% stronger, 1150 HP

SPEEDO PLUG

Replace after high performance rebuilds.



PART NO.	DESCRIPTION
GM	
37310	Speedo plug



HEADER WRAP

Reduces underhose temps.

PART NO.	DESCRIPTION
UNIVERSAL	
16310	1" x 50 ft, Silver
16310B	1" x 50 ft, Black
16320	2" x 50 ft, Silver
16320B	2" x 50 ft, Black
16330B	2" x 100 ft, Black
16320HM	2" x 50 ft, Heavy Metal
16370	2" x 50 ft, Red - 1,000°F
16356	2" x 25 ft, Black - 1,500°F
16321VW	Volcano Wrap - 1" x 50 ft, Heavy Metal - 1,800°F
16327VW	Volcano Wrap - 2" x 25 ft, Heavy Metal - 1,800°F

ELECTRIC EXHAUST CUTOUT

EW's Universal 3" cutouts will make your ride come alive with the flip of a switch.



PART NO.	DESCRIPTION
UNIVERSAL	
80300	3" Single electric exhaust cutout

RACING OIL BREATHERS

3-inch breather filters feature a mesh reinforced filter material that stands up to tough environments. Washable.

PART NO.	DESCRIPTION
UNIVERSAL	
27308	Push-in filter breather
27516	Push-in shielded breather
27309	Clamp-on breather 1-1/2" tube
27517	Clamp-on shielded breather 1-1/2" tube

SERIOUS HORSEPOWER

HEADER WRAP TIES

Stainless steel.



PART NO.	DESCRIPTION
UNIVERSAL	
16325	8" Header ties - 8 Pack
16326	14" Header ties - 8 Pack
16324	8" Black Header ties - 8 Pack

EXHAUST CUTOUT HARNESS

Used for single or dual operation. Harnesses are designed to connect to two exhaust cutouts. They include 15ft of preterminated wire and a rocker switch to mount inside your vehicle for quick, easy access. Quality made in the USA.



PART NO.	DESCRIPTION
UNIVERSAL	
80301	Single exhaust cutout harness
80302	Dual exhaust cutout harness w/ rocker style switch

27308



27516



27309



27517



IGNITION

FUEL & AIR

INTERNAL ENGINE

VALVE TRAIN

TIMING

OIL SYSTEMS

GASKETS

FASTENERS

PLUMBING

TRANSMISSION

EXHAUST & GAUGES

TOOLS & SAFETY

INDEX



990003



990000



HEADER TETHER KITS

As of January 1, 2014 NHRA made a rule change that affects any competitor with a header that has a removable collector. All headers with removable collectors must have a NHRA accepted tether. EW's tether kit comes complete with stainless clamps in a wide range of sizes, which are available for the primary tube and the collector tube of your exhaust. Each tether itself is made up of 1/8" cable and is available with two machined aluminum ends that attach to the clamps for easy installation. The machined ends are also equipped with a removable shoulder bolt so you can remove the tether without taking off your tube clamps.

Tethers are available in 10", 15", and 20" lengths.

PART NO.	DESCRIPTION
UNIVERSAL	
990000	10" Header tether kit
990001	15" Header tether kit
990002	20" Header tether kit
990003	Aluminum bracket upgrade



PRIMARY TUBE CLAMP KITS

PART NO.	DESCRIPTION
UNIVERSAL	
990006	1-3/4"
990007	1-7/8"
990008	2"
990009	2-1/8"
990010	2-1/4"
990011	2-1/2"
990012	2-5/8"
990013	2-3/4"
990014	2-7/8"
990015	3"

Without Aluminum Bracket Upgrade



With Aluminum Bracket Upgrade

PART # 990003

COLLECTOR TUBE CLAMP KITS

PART NO.	DESCRIPTION
UNIVERSAL	
990021	2-5/8"
990022	2-3/4"
990023	2-7/8"
990024	3"
990025	3-1/8"
990026	3-1/4"
990027	3-1/2"
990028	3-3/4"
990029	4"
990030	4-1/4"
990031	4-1/2"
990032	4-3/4"
990033	5"
990034	5-1/2"



SERIOUS HORSEPOWER

IGNITION

FUEL & AIR

INTERNAL ENGINE

VALVETRAIN

TIMING

OIL SYSTEMS

BASKETS

FASTENERS

PLUMBING

TRANSMISSION

EXHAUST & GAUGES

TOOLS & SAFETY

INDEX



UNDER HOOD TEMPERATURE GAUGE

Engine Works accurate gauge can be threaded into the intake manifold to allow monitoring of the engine temperature without getting into the cockpit. Stainless steel case. Liquid filled to withstand demanding race environments. 3/8" NPT threads.



PART NO.	DESCRIPTION
UNIVERSAL	
41120	0-250° Temperature gauge



2-5/8" MECHANICAL GAUGES

BLACK	WHITE	DESCRIPTION
UNIVERSAL		
53101	53201	Vacuum/Boost, 30" Hg/30 PSI
53102	53202	Oil Pressure, 0-100 PSI
53103	53203	Water Temperature, 100° - 280°
53104	53204	Oil Temperature, 100° - 280°
53105	53205	Electric Voltmeter, 8 - 18V

MUSCLE CAR SERIES ELECTRICAL GAUGES

- Chrome bezel and flat glass lens
- Programmable high and low alarm
- Full sweep electric stepper motor movement
- One-touch peak recall
- 12V alarm external output
- Retro inspired dial design
- 2-color through dial lighting



PART NO.	DESCRIPTION
UNIVERSAL	
53300	3-3/8" Speedometer, 1-Step easy calibration and 2 trip meters
53301	3-3/8" Tachometer
53302	2-1/16" Oil Pressure*
53303	2-1/16" Water Temperature
53304	2-1/16" 5-in-1 Fuel Level*
53305	2-1/16" Volts*

*2-1/16" gauges feature one-touch peak recall and user programmable low & high alarm functions.

1-1/2" MECHANICAL GAUGES

- Monitor critical oil, fuel, and nitrous pressure
- Rugged stainless steel case, brass internals
- Liquid-filled silicone for vibration dampening
- 1/8" NPT fitting



BLACK	TYPE	STYLE	PSI
UNIVERSAL			
52000	Liquid	Black/White	0-15
52001	Liquid	Blue	0-1500
52002	Dry	Black/White	0-15
52003	Dry	Black/White	0-30
52004	Liquid	Black/White	0-100
52005	Liquid	Silver	0-15
52006	Dry	Black/White	0-100
52007	Liquid	Black/White	0-30
52010	Liquid	Black/Yellow	0-30 HG
52011	Liquid	Carbon Fiber	0-15
52013	Liquid	Carbon Fiber	0-100
52014	Liquid	Carbon Fiber	0-30





IGNITION

FUEL & AIR

INTERNAL ENGINE

VALVETRAIN

TIMING

OIL SYSTEMS

BASKETS

FASTENERS

PLUMBING

TRANSMISSION

EXHAUST & GAUGES

TOOLS & SAFETY

INDEX



7901BSL
5" Memory Tachometer w/ Shift Light
Features peak recall & programmable shift light



7901B
5" Memory Tachometer
Features peak recall



7901WSL
5" Memory Tachometer w/ Shift Light
Features peak recall & programmable shift light



7901W
5" Memory Tachometer
Features peak recall



5" MEMORY TACHOMETERS

PART NO.	DESCRIPTION
UNIVERSAL	
7901BSL	5" Memory tach. w/ shift light, Black - w/ Recall
7901B	5" Memory tach, Black - w/ Recall
7901WSL	5" Memory tach. w/ shift light, White - w/ Recall
7901W	5" Memory tach, White - w/ Recall





ROD BOLT STRETCH GAUGE



The most accurate way to torque many rod bolts is to measure rod bolt stretch. Accurate to within .001".

PART NO.	DESCRIPTION
UNIVERSAL	
15006	Stretch gauge

ROD VISE

Hard anodized billet aluminum fixture designed to secure connecting rods safely for rod service.



PART NO.	DESCRIPTION
UNIVERSAL	
15027	Rod vise

CONNECTING ROD BALANCER

Weigh connecting rods for optimum engine balance with this all aluminum fixture. Ball bearing equipped for accuracy. Includes two big end mandrels. Scales sold separately.



PART NO.	DESCRIPTION
UNIVERSAL	
15050	Connecting rod balancer

UNIVERSAL DEGREE WHEEL KIT

Designed to degree cam with cylinder heads on the car. Includes 9" degree wheel, dial indicator, TDC stop, checking springs, pointer, and fixture. Instructions included.



PART NO.	DESCRIPTION
UNIVERSAL	
15024	Universal degree wheel kit 9"

DIGITAL SCALES

5000 gram scale. Weighs in 1 gram increments with 175 oz. capability. 9 volt battery required.



PART NO.	DESCRIPTION
UNIVERSAL	
15055	Digital scale

TOP DEAD CENTER PISTON STOP



PART NO.	DESCRIPTION
UNIVERSAL	
15023	14mm top dead center stop

SPARK PLUG THREAD CHASER

Ensure the quality of your spark plug holes with this convenient tool that chases both 14mm and 18mm threads.



PART NO.	DESCRIPTION
UNIVERSAL	
15062	Spark plug thread chaser

DECK BRIDGES

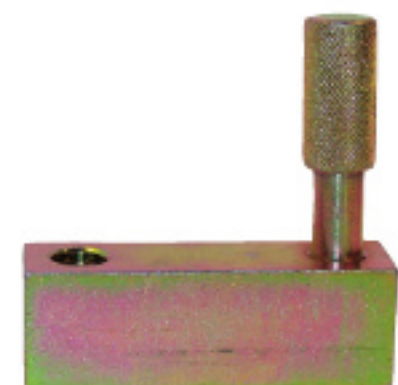
Deck bridges go over cylinder bores to check piston to deck clearance. Dial indicator not included.



PART NO.	DESCRIPTION
UNIVERSAL	
15059	Deck bridge

ROCKER STUD REMOVER

Pulls pressed in studs and serves as an alignment guide for tapping the stud boss for screw-in studs.



PART NO.	DESCRIPTION
UNIVERSAL	
15022	Rocker stud remover



ENGINE ROTATION ADAPTER

Bolts to most Ford and Chevy harmonic balancers to assist in turning assembled engines. Accepts 1/2" ratchet or 1" socket.

PART NO.	DESCRIPTION
UNIVERSAL	
15015	Engine rotation adapter



PUSHROD CHECKERS

PART NO.	DESCRIPTION
UNIVERSAL	
15065	6.125" to 7.50"
15066	7.500" to 8.70"
15067	8.500" to 9.80"
15068	9.700" to 11.00"
15069	10.200" to 11.50"

PUSHROD LENGTH CHECKER

This pushrod length checker allows you to determine the correct length of pushrod to keep the rocker arm centered on valve tip.



PART NO.	DESCRIPTION
CHEVY	
15002	SBC - 3/8"
15003	SBC - 7/16"

PUSHROD STRAIGHTNESS GAUGE

Checks pushrods for concentricity.



PART NO.	DESCRIPTION
UNIVERSAL	
15031	Pushrod straightness gauge

PUSHROD SLOTTING TOOL

Easily slot your heads to accommodate 1.6 rockers. Simply use a 5/16" drill bit and the pushrod slotting tool to accurately lengthen the pushrod slot.



PART NO.	DESCRIPTION
UNIVERSAL	
15033	Pushrod slotting tool

BALANCER INSTALLER/REMOVER

This tool preserves the life of the balancer and crank. Adapters included for most popular performance engines.



PART NO.	DESCRIPTION
UNIVERSAL	
15035	Harmonic balancer installer/remover with carrying case

PISTON RING COMPRESSORS

Adjustable over a .090" range to provide fitments for various bores and oversizes. Hard anodized for longer wear.



PART NO.	DESCRIPTION
UNIVERSAL	
15036	4.000" to 4.090"
15037	4.125" to 4.205"
15038	4.250" to 4.310"

PISTON RING FILERS

PART NO.	DESCRIPTION
UNIVERSAL	
15039	Piston ring filer
15039-W	Replacement carbid wheel for P/N 15039
15040	Electric ring filer
15040-W	Replacement carbid wheel for P/N 15040



REAR END SETTING TOOL

Kit includes fixture and dial indicator accurate to .001"



PART NO.	DESCRIPTION
UNIVERSAL	
15045	Rear end setting tool

MAGNETIC BASE W/ DIAL INDICATOR

Tool for valvetrain lift specs, finding top dead center of pistons, determining cam end play, as well as other measurements.



PART NO.	DESCRIPTION
UNIVERSAL	
15054	Magnetic base with dial indicator



HEIGHT MICS

Read valve spring installed height to .001".

PART NO.	DESCRIPTION
UNIVERSAL	
15000	1.400" - 1.800" for most 4 & 6 cylinder engines
15001	1.600" - 2.200" for most V8's



HEAVY DUTY SPRING TESTER

Check springs up to 2" in diameter and 4" tall.

PART NO.	DESCRIPTION
UNIVERSAL	
15018	Heavy duty spring tester - 0-300 lb.
15019	Heavy duty spring tester - 700 lb.



VALVE SPRING COMPRESSORS

PART NO.	DESCRIPTION
UNIVERSAL	
15025	12" Long handle
15029	Heavy duty valve spring compressor

VALVE HEIGHT CHECK SPRINGS

Low tension springs. Package of 2.



PART NO.	DESCRIPTION
UNIVERSAL	
15026	Valve height check springs

VALVE LASH WRENCH SET

Each set includes one wrench/guide and T-handle allen wrenches



PART NO.	DESCRIPTION
UNIVERSAL	
15108	1/2" w/ 3/16" & 1/8" T-handles
15109	7/16" w/ one 1/8" T-handle
15020	9/16" w/ 3/16" & 7/32" T-handles
15021	5/8" w/ 3/16" & 7/32" T-handles

CAM INSTALLATION HANDLE

Cam installation handle improves control of the cam during installation.



PART NO.	DESCRIPTION
UNIVERSAL	
15016	Cam installation handle



CAM BEARING INSTALLATION TOOL

Accurately install cam bearings without bearing damage or misalignment.

PART NO.	DESCRIPTION
UNIVERSAL	
15017	Bearing install tool

CAM BEARING DRIVER KIT

Expanding driver arm accommodates bearings from 1.250" to 2.690" in thin or thick wall bearing configurations.



PART NO.	DESCRIPTION
UNIVERSAL	
15047	Cam bearing driver kit

CAM CHECKING FIXTURE

Holds a 5" extension and dial indicator over the lifters on any engine block. No magnetic base required.



PART NO.	DESCRIPTION
UNIVERSAL	
15057	Cam checking fixture

CRANK SOCKETS

Crank sockets slip over the end of the crank and utilize a 1/2" ratchet or breaker bar to turn the crankshaft.



PART NO.	DESCRIPTION
CHEVY	
15010	Small Block Chevy
15011	Big Block Chevy
FORD	
15012	Small Block Ford, Buick & Pontiac with 3/16" keyway



6" STAINLESS STEEL CALIPER



Accurately measures inside, outside, and depth dimensions in .001" increments up to 6". Stainless steel construction and protective case assure years of service.

PART NO.	DESCRIPTION
UNIVERSAL	
15051	6" Stainless steel calipers

6" DIGITAL CALIPER

Large LCD display, single button SAE to metric conversion, set to any position, batteries included.



PART NO.	DESCRIPTION
UNIVERSAL	
W80152	6" Digital caliper

DIAL BORE GAUGE SET

Used for checking cylinder bores, but is also useful for checking connecting rod bores for size, straightness, or taper. Accurate to .0005".



PART NO.	DESCRIPTION
UNIVERSAL	
15052	Dial bore gauge set

NON-CONTACT INFRARED THERMOMETER

- Temperature Range 0° F to 960° F
- Easy-to-Read Digital Display w/ Backlight
- Laser Pointer for Accurate Use



PART NO.	DESCRIPTION
UNIVERSAL	
W89720	Infrared thermometer

POCKET VOLTAGE TESTER



PART NO.	DESCRIPTION
UNIVERSAL	
16410	6-12 Volts



WIRE CRIMPING TOOL

Ideal for terminating spark plug wire sets. Strip, cut, and crimp automotive wiring from 10 to 22 gauge. Heavy duty steel with comfort grip insulating handles.

PART NO.	DESCRIPTION
UNIVERSAL	
W86500	Heavy duty crimping tool

RIVET GUN

- Drop forged steel handle
- Aluminum alloy body with steel insert
- High-grade steel alloy jaws
- Includes 4 nosepieces: 3/32", 1/8", 5/32", & 3/16"



PART NO.	DESCRIPTION
UNIVERSAL	
18000	Manual rivet gun (Red)

FLYWHEEL TURNING TOOL

- Easily turn engine from underneath the vehicle
- Spring tension holds onto flywheel, allowing free use of both hands
- Great for working on clutches, transmissions, or other jobs that require the crankshaft to be in a certain position



PART NO.	DESCRIPTION
UNIVERSAL	
W80510	Flywheel turning tool



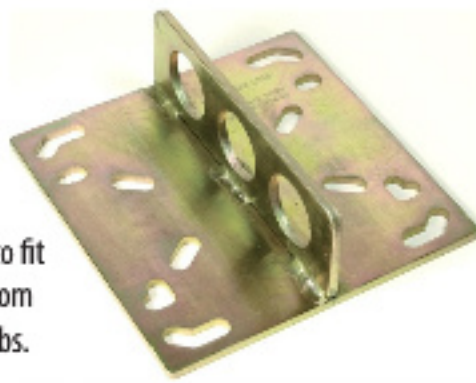
BILLET AN WRENCHES

Machined from 3/8" 6061 Billet Aluminum and anodized black for long term corrosion protection. Laser etched with the fitting size for easy identification.

PART NO.	DESCRIPTION
UNIVERSAL	
560200	AN wrench set includes sizes 4 to 12

ENGINE LIFT PLATE

Lift plates feature a universal design made to fit over 90% of common applications. Made from steel, with gold iridited plate finish. 1,000 lbs. maximum load.



PART NO.	DESCRIPTION
UNIVERSAL	
W41034	Engine lift plate

HEAVY DUTY ROLLING ENGINE CRADLE

Cradles feature an adjustable width and depth to accommodate most engines. Heavy duty 3" casters allow for easy rolling, and adjustable cam buckle straps also included.

PART NO.	DESCRIPTION
UNIVERSAL	
W41037	Heavy duty rolling engine cradle w/ 3" casters
CHEVY	
15076	Engine cradle, no wheels - Chevy V8

WHEELIE BAR WRENCHES

Billet aluminum.



PART NO.	DESCRIPTION
UNIVERSAL	
560210	3/4"
560211	15/16"
560212	1"



NITROUS BOTTLE NUT COMBO WRENCH

Wrench includes all fitting sizes needed for nitrous systems on one handle. Machined out of one piece of billet aluminum and has the capability of tightening 3AN, 4AN, 6AN, and 1-1/4" bottle nuts. Wrenches are black anodized and laser etched for easy size identification.

PART NO.	DESCRIPTION
UNIVERSAL	
560205	Nitrous bottle nut combo wrench

COILOVER SPANNER WRENCH

The fast, effective way to adjust ride height in coilover shocks.



PART NO.	DESCRIPTION
UNIVERSAL	
15085	Coilover spanner wrench





RACER'S TAPE

Holds tight and provides a durable water and dirt proof seal. Easily removed. 2" x 90' rolls.



PART NO.	DESCRIPTION
UNIVERSAL	
71200	Red
71201	Yellow
71202	Silver
71203	Green
71204	Blue
71205	Black
71206	White
71207	Orange
71208	Purple

ENGINE DIAPERS

NHRA approved.
1/4 mile: 7.50 & slower E.T.
1/8 mile: 4.50 & slower E.T.



PART NO.	DESCRIPTION
UNIVERSAL	
72000	Engine oil containment diaper
72000B	Ballistic SFI diaper
72001	Replacement oil spill pad



2" RATCHET CAR TIE-DOWNS

3,333 lb. working load limit.

PART NO.	DESCRIPTION
UNIVERSAL	
71508-BK	2" x 8' Car tie-down, Black
71508-RD	2" x 8' Car tie-down, Red

ROLL BAR PADDING

Not SFI approved.



PART NO.	DESCRIPTION
UNIVERSAL	
72110	Black
72111	Blue
72112	Red
72113	Yellow
72114	Purple
72115	Orange

ANCHOR RINGS



PART NO.	DESCRIPTION
UNIVERSAL	
71513	Flip ring
71514	Rotating flip ring
71512	D-Ring 3/4"



2" AXLE STRAPS

3,333 lb. working load limit.

PART NO.	DESCRIPTION
UNIVERSAL	
71521	21" Length, Black
71521-RD	21" Length, Red
71533	33" Length, Black
71533-RD	33" Length, Red

SERIOUS HORSEPOWER

A

Accelerator Pump Diaphragms	22
Accelerator Pump Discharge Nozzle	22
Adel Clamps	19
Advance Curve Kit	11
Alternators	16
AN Fittings & Adapters	64
AN Wrench Sets	64, 85
Anchor Rings	86
Anti-Pump Up Lifters	37
Axle Straps	86

B

Balance Plate	73
Balancer Bolts	62
Balancer Installer/Remover	51, 82
Banjo Swivel Fittings	21
Battery Disconnect Switch	14
Battery Jumper Terminals	15
Bearing Sets	31
Bellhousing Dowel Pins	73
Block-Off Plug	18
Body Mounts	68
Bottle Nut Adapters	28
Bottle Nut Combo Wrench	28, 85
Bottom End Gaskets	59
Brake Lines	68
Brake Proportioning Valve	68
Bypass Regulator	24

C

Calipers	84
Cam & Lifter Kits	35
Cam Bearing Driver Kit	83
Cam Bearing Installation Tool	83
Cam Bolt Lock Plate	36
Cam Checker	83
Cam Installation Handle	83
Cam Plugs	31
Cam Walk Buttons	36
Carburetor Adapters	21
Carburetor Banjo Adapter Fittings	21
Carburetor Caps	22
Carburetor Clear Sight Plug	18
Carburetor Feed Lines	19
Carburetor Float Bowl Spacers	18
Carburetor Fuel Inlet Fittings	19
Carburetor Gaskets	17
Carburetor Main Jets	22
Carburetor Mounting Gaskets	17
Carburetor Overhaul Kits	17
Carburetor Spacers	20
Carburetor Studs	61
Clear Sight Plug Kit	18
Clutch Cable & Quadrant Kits	73
Clutch Hub	76
Clutch Plates	76

C (Cont.)

Clutch Return Springs	74
Clutch Spring Sets	74
Coils	14
Coil Bracket	14
Coil Dust Covers	07
Coil On Plug Coils	14
Coil Wire Kits	03
Coilover Housing Brackets	69
Coilover Shock Mount Kit	69
Coilover Spanner Wrench	69, 85
Collector Gaskets	59
Collector Tube Clamp Kits	78
Connecting Rods, Diesel	32
Connecting Rod Balancer	81
Copper Head Gaskets	56
Crank Sockets	83
Cross Pin	72
Crossmember Brackets	69
Cylinder Head Bolt Kits	61
Cylinder Head Dowel Pins	30
Cylinder Head Spacer Kit	30
Cylinder Heads	30

D

Deck Bridge	81
Degree Bushing Kit	36
Degree Wheel Kit	36, 81
Dial Bore Gauge Set	84
Digital Caliper	84
Digital Scales	81
Dipsticks	76
Distributors	05-11
Distributor Caps	06-11
Distributor Gears	06-09, 12
Distributor Hold Down Clamps	13
Distributor Replacement Parts	06-11
Distributor Rotors	06-11
Double Pumper Fuel Line	19
Dowel Pins	30, 73

E

Electric Cooling Fans	67
Electric Fuel Pumps	25
Engine Bolt Kits	62
Engine Cradles	85
Engine Diapers	86
Engine Fastener Kits	62
Engine Finishing Kits	31
Engine Gasket Sets	52
Engine Lift Plate	85
Engine Rotation Adapter	82
Exhaust Cutout, Electric	77
Exhaust Cutout Harness	77
Exhaust Gaskets	57

F

Filler Cap Kits	26
Filter Cleaner Kit	77
Fire Boots	04
Fire Sleeve	04
Flange Nuts	61
Flex Fans	67
Flexplates	72
Flexplate Bolts	72
Float Bowl Spacer Kit	18
Flywheels	73
Flywheel Turning Tool	84
Freeze Plugs	31
Front Timing Seals	58
Fuel Bowl Gaskets	17
Fuel Bowl Screw Gasket	18
Fuel Cell Caps	26
Fuel Cell Cap Gaskets	26
Fuel Filters	26-27
Fuel Filter Replacement Parts	27
Fuel Filter Screen	27
Fuel Level Gauge	79
Fuel Line	19
Fuel Line Tubing	19
Fuel Pressure Regulator	24
Fuel Pressure Regulator Brackets	24
Fuel Pumps	25
Fuel Pump Block-Off Plates	26
Fuel Pump Pushrods	25
Fuel Tank Sump Kit	24

G

Gasket Application Chart	54
Gasket Sets	55-59
Gauges	79
Gauge Ports	21
Gear Drives	49
Guideplates	34

H

Harmonic Balancer Installer	51, 82
Head Bolt Kits	61
Head Gaskets	55
Header Tether Kits	78
Header Wrap	77
Header Wrap Ties	77
HEI Coil In-Cap Distributors	07
HEI Coils	14
HEI Ignition Modules	12
HEI Street/Strip Distributors	11
HEI Vacuum Advance	12
HEI Wire Retainers	04
Height Mics	83
Hold Down Clamps	13

H (Cont.)

Hose, Nylon Fiber Braid	65
Hose, Proflex Push-On	66
Hose, Stainless Braid Teflon	66
Hose, Stainless Double Braid	65
Hose, Ultra-Lightweight Racing	65
Hydraulic Lifters	37

I

Ignition Box, CDI	13
Ignition Coils	14
Ignition Modules	12
Ignition Wire Sleeve	04
Infrared Thermometer	84
Inlet Fittings	21
In-Line Fuel Filters	27
In-Line Regulator	24
In-Line Remote Cooler Fan Thermostat	80
Insulating Phenolic Spacers	20
Intake Bolt Sets	61
Intake Gaskets	57
Intake Manifold	26
Intake Spacer	21
In-Tank Fuel Pumps	25

J-K

Jumper Terminal	15
Kickdown Cable Brackets	23

L

Ladder Bar Crossmember Bracket	69
Lash Caps	41
Lifter Valley Vents	53
Lifters	37
Line Lock Kit	68
Locking Dipsticks	76
Long Slot Rocker Arms	38

M

Magnetic Base & Dial Indicator	82
Magnetic Pickup	06,08
Main Bearing Caps	30
Main Bearing Sets	31
Main Cap Support Girdles	30
Main Jet Extensions	22
Main Shaft, Intermediate	76
Mechanical Gauges	79
Mechanical Lube Lifters	37
Memory Tachometers	80
Metering Block Gaskets	17
Mini Spools	72
Module Assembly	06,08,10
Module Kits	13
Motor Mounts	73
Motor Plates	69

N

Needle & Seats	18
Nitrous 5-Pin Relay	14
Nitrous Lines	28
Nitrous Purge Valve	28
Nitrous Jets	29
Nitrous Valve Mounting Brackets	24
Nylon Braided Hose	65
Nylon Washers	64

O

Oil Breathers	77
Oil Coolers	67
Oil Filter Adapter	53
Oil Pan Bolts	62
Oil Pan Gaskets	59
Oil Pan Studs	62
Oil Pans	52
Oil Pickups	52
Oil Pressure Gauges	79
Oil Pump Primer	53
Oil Pump Shaft	53
Oil Restrictor Kit	53
Oil Return Screen Kit	51
Oil Stem Seals	41
Oil Temperature Gauge	79
O-Ring Fittings	21
O-Ring Seals	27
One Wire Alternator	16
Overflow Tank	66

P

Phenolic Spacers	20
Pipe Fittings	72
Pipe Plugs, Allen Socket	64
Pistons	32
Piston Pin Sets	33
Piston Rings	33
Piston Ring Compressors	82
Piston Ring Filers	82
Plug Wire Sets	02,03
Polylocks	34
Pop Rivets	63
Pop Rivet Gun	63
Pop Rivet Washers	63
Power Valve Block-Off Plug	18
Power Valves	18
Powerglide	74
Powerglide, Band Adjustment Pin	74
Powerglide, Bushing Set	75
Powerglide, Dual Ring Servo Piston	74
Powerglide, Hardened Yoke	75
Powerglide, Input Shafts	76
Powerglide, Output Shaft Support	76
Powerglide, Overflow Tank	75
Powerglide, SFI Case	75
Powerglide, SFI Flexplate Shield	75

P (Cont.)

Powerglide, SFI Shield	75
Powerglide, Shift Lever	74
Powerglide, Shorty Housings	75
Powerglide, Stator Shaft	76
Powerglide, Sun Gear Bushing	75
Powerglide, Tail Housing	75
Pressure Gauges	79
Primary Tube Clamp Kits	78
Proportioning Valve	76
Proflex Push-On Hose	66
Pushrods, Performance Series	44-45
Pushrods, Competition Series	46
Pushrods, Claimer Series	46
Pushrods, Diesel	46
Pushrod Checkers	82
Pushrod Length Checkers	82
Pushrod Slotting Tool	82
Pushrod Straightness Gauge	82

Q

Quadrant Kits	73
Quick Release Fasteners	63

R

Racer's Tape	86
Rack & Pinion Mount	68
Radiator Caps	66
Ratchet Car Tie-Downs	86
Rear End Setting Tool	82
Rear Main Seals	60
Relay, 5-Pin	14
Remote Jumper Terminal	15
Remote Oil Coolers	67
Remote Starter Switch	15
Removable Flex Sleeve	15
Retainers	40
Return Screen Kits	51
Rev Limiter Switch	13
Reverse Clutch Spring Set	74
Ring & Pinion Gear Sets	71
Ring & Pinion Installation Kits	71
Rocker Arms	38
Rocker Arm Polylocks	34
Rocker Arm Studs	34
Rocker Arm Stud Remover	81
Rod Bearing Sets	31
Rod Bolt Stretch Gauge	81
Rod End Kits	70
Rod Vise	81
Roll Bar Padding	86
Roller Rocker Arm Sets	38
Roll Over Valve	26
Rotors	06-11
RPM Limiter Switch	13
RTR Distributors	06, 08, 10
Rubber Valve Cover Gaskets	56

S

Safety Switch	15
Safety Switch Cover	15
Scoop Mount Spacer	21
Second Stage Rev Limiter	13
Self-Ejecting Fasteners	63
Servo Piston	74
Shear Plates	21
Shifter, 4-Speed Universal	73
Shock Mount Kit	69
Single Contact Solenoid	16
Sleeved Ignition Wire	04
Solenoid TSI Valve Body	76
Spark Plug Thread Chaser	81
Spark Plug Wire Sets	02-03
Speedo Plug	76
Speedometer	79
Spools	72
Springs	39
Spring Cups	38
Spring Fasteners	71
Spring-Retainer Lock Systems	42
Spring Tester	83
Stacked-Plate Remote Oil Cooler	67
Stamped Rockers	38
Starters	16
Starter Service Parts	15
Starter Button	15
Starter Drive	15
Starter Heat Shield	15
Starter Heat Shield Wrap	15
Starter Shim	15
Starter Solenoid	15
Starter Switch	15
Starter Wiring Harness	15
Stator Shaft	76
Steel Core Valve Cover Gaskets	56
Steering Quick Disconnect	69
Stem Seals	41
Street/Strip Distributors	06, 08, 09
Stretch Gauge	81
Stud Girdle Polylocks	34
Stud Girdles	34
Sun Gear Bushing	75
Sure Seal Spacers	21

T

Tachometers	80
Temperature Gauges	79
TFI Distributors	09
Thermometer	84
Thermostat Gaskets	58
Thermostats	31
Thermostat, Remote Cooler Fan Control	67
Throttle Brackets	23
Throttle Microswitch	22
Throttle Nitrous Switch Brackets	22
Throttle Return Brackets	23
Throttle Return Springs	23
Thru-Panel Battery Connector	14
Tie-Down, Anchor Ring	86
Tie-Down, Flip Rings	86
Timing Covers	50
Timing Cover Studs	61
Timing Gaskets	58
Timing Pointers	51
Timing Pointer Long Bolts	51
Timing Seals	58
Timing Sets, Adjustable Cam	48
Timing Sets, Double Roller	49
Timing Sets, Pro Billet	48
Timing Sets, Single Roller	49
Timing Sets, Sportsman	49
Toggle Safety Cover	86
Top-Dead Center Stop	81
Torque Converters	70-71
Torque Converter Bolts	62
Transbrake Button	15
Transbrake Solenoid	76
Transmission Filter Kits	74
Transmission Mount	73
Transmission Overhaul Kits	74
Transmission Pans	74
Tube Clamp Kits	78
Tube Nuts	64
Tube Sleeves	64
Turning Tool	84

U

Under Hood Temperature Gauge	79
Universal 4-Speed Shifter	73
Universal Degree Wheel Kit	36, 81
Universal Joints	69
Universal Starter Button	15

V

Vacuum Advance	06, 08, 10
Vacuum Advance Lockout, HEI	12
Vacuum Lockout	06, 10
Vacuum Line Caps	21
Vacuum Secondary Diaphragm	18
Vacuum Secondary Springs	18

V (Cont.)

Vacuum / Boost Gauge	79
Valley Vents, Lifter	53
Valve Cover Gaskets	55-56
Valve Cover Stud Sets	62
Valve Covers	77
Valve Height Check Springs	83
Valve Lash Wrench Set	83
Valve Locks	41
Valve Spring Compressor	83
Valve Spring Shim Kits	40
Valve Spring Tester	83
Valve Springs	39
Valve Stem Seals	41
Valves, Street Series	42
Valves, Street / Strip Series	43
Valves, Performance Series	43
Valvetrain Kits	40
Velocity Air Carb Spacers	20
Viton O-Ring Seals	27
Viton Valve Stem Seals	41
Voltage Tester	84
Voltmeter	79
Volume Pickups	52
Vortec Distributors	07

W

Washers, Nylon	64
Washers, Pop Rivet	63
Water Bypass	66
Water Pumps	66
Water Temperature Gauges	79
Wheel Rim Screws	62
Wheelie Bar Wheels	68
Wheelie Bar Wrenches	68, 85
Wire Crimping Tool	04, 84
Wire Retainers, HEI	04, 07
Wire Sets	02, 03
Wire Ties	04
Wiring Harness, Starter	15
Wrench, Bottle Nut Combo	28, 85
Wrench Sets, Valve Lash	83
Wrench Sets, AN	64, 85

