



*SERIOUS  
HORSEPOWER*



**ENGINE WORKS**



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 those hard to find 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.

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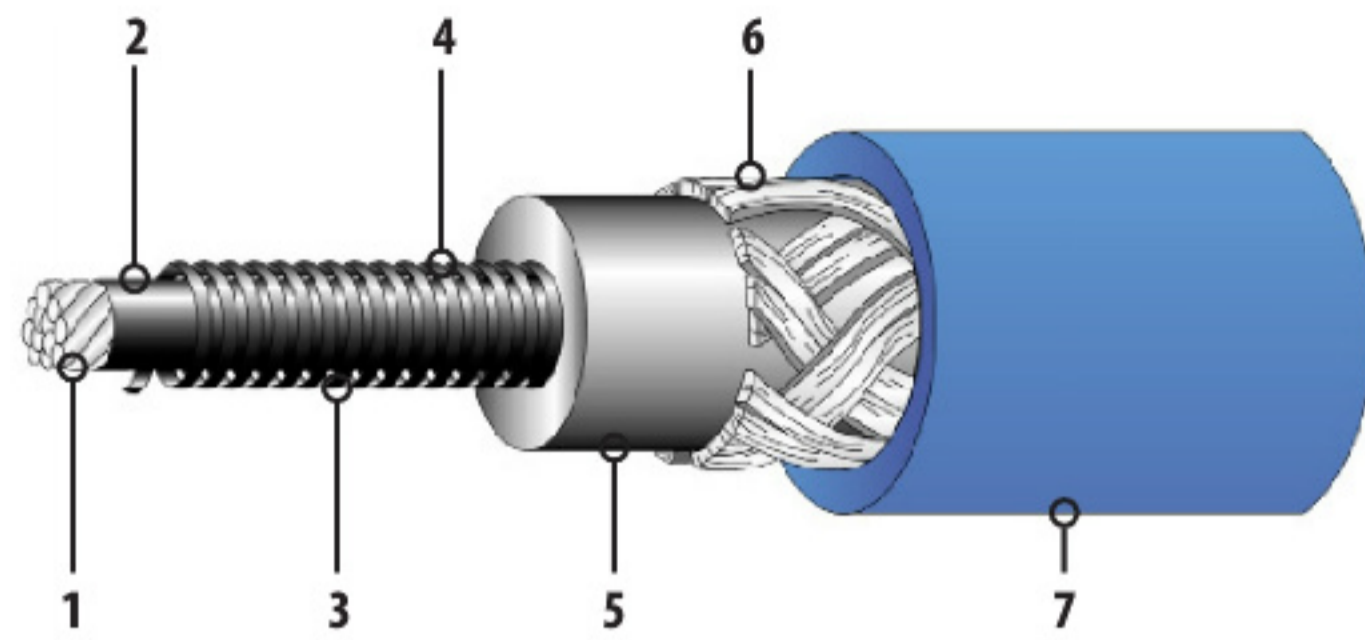
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## 8.5 MM WIRE SETS



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.

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 wire not included.)



**Made in USA**

PART NO.	BOOT DEGREE	ENGINE	YEAR	APPLICATION
<b>CHEVROLET</b>				
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	Non-HEI over valve cover (Chevrolet Engine)
16423	90°	283, 307, 327, 350	60-74	SB non-HEI under exhaust (Chevrolet Engine)
16427	180°	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



PART NO.	BOOT DEGREE	ENGINE	YEAR	APPLICATION
<b>OLDSMOBILE</b>				
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° - 6/180° - 2	267, 305, 350	75-86	SB with HEI under exhaust (Chevrolet Engine)
<b>PONTIAC</b>				
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° - 6/180° - 2	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
<b>BUICK</b>				
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)
<b>FORD</b>				
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
<b>FORD TRUCKS</b>				
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
<b>MERCURY</b>				
16432	135°	5.0L (302)	91-93	Cougar
16432	135°	5.0L	84-93	Capri

PART NO.	BOOT DEGREE	APPLICATION
<b>UNIVERSAL &amp; COIL WIRE SETS</b>		
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
<b>CHEVROLET</b>	
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

PART NO.	DESCRIPTION
<b>FORD</b>	
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
<b>UNIVERSAL</b>	
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
16203	6" Red, 8-Pack
16204	6" Blue, 8-Pack
16205	6" Orange, 8-Pack
16208NR	8" Red NO RING - for LS Motors, 8-Pack

## WIRE & ACCESSORIES



### WIRE CRIMPING TOOL

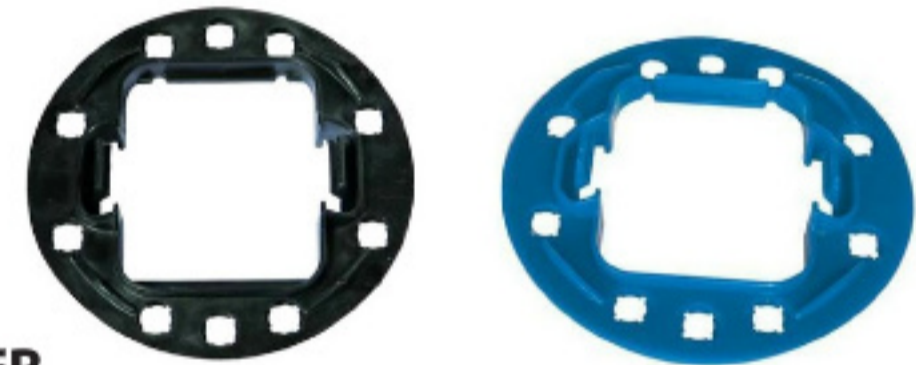
These pliers are ideal for terminating spark plug wire sets. Strip, cut, and crimp automotive wiring from 10 to 22 gauge. Heavy duty steel with comfort grip insulating handles.

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
W86500	Heavy duty crimping tool



### BLACK PLASTIC WIRE TIES

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
16707	7-inch (100 pack)
16714	14-inch (100 pack)



### HEI WIRE RETAINER

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



### FIRE SLEEVE

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
431000	Fire Sleeve, 10AN - 50', Red
436000	Fire Sleeve, 06AN - 50', Red
438000	Fire Sleeve, 08AN - 50', Red
431200	Fire Sleeve, 12AN - 100', Red



## DISTRIBUTORS & REPLACEMENT PARTS

ENGINE WORKS DISTRIBUTORS CUTAWAY

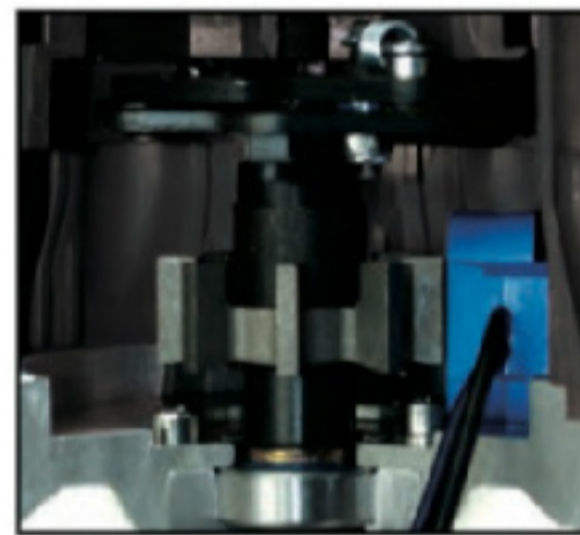
**1**

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.



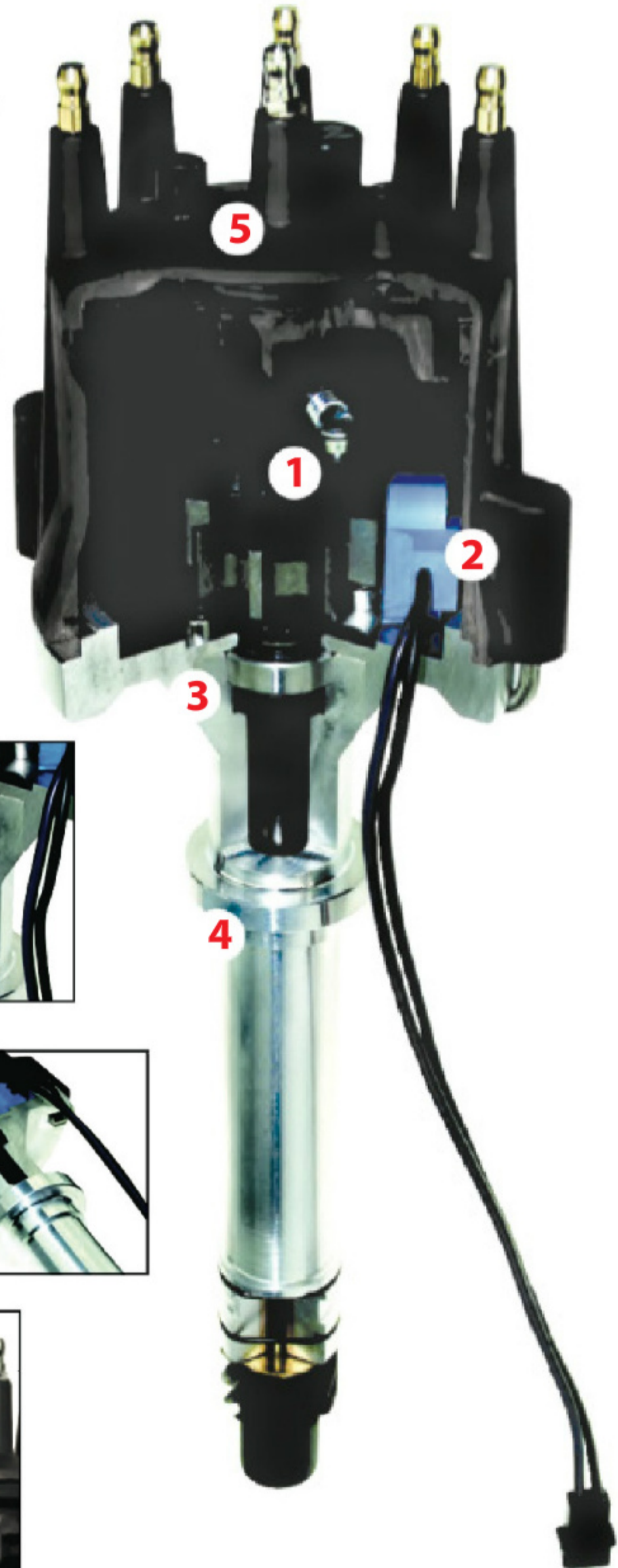
**4**

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.



## DISTRIBUTORS & REPLACEMENT PARTS

### 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.



PART NO.	DESCRIPTION
----------	-------------

#### CHEVY

- |             |  |
|-------------|--|
| <b>1</b>    | Chevy, fixed collar, single pickup, V8, except 348-409 engine & tall deck blocks (Red)   |
| <b>1BK</b>  | Chevy, fixed collar, single pickup, V8, except 348-409 engine & tall deck blocks (Black) |
| <b>1SC</b>  | Chevy, adjustable collar, single pickup, V8, except 348-409 engine (Red)                 |
| <b>1VAC</b> | Chevy, w/Vacuum Advance, V8, except 348-409 engine & tall deck blocks (Black)            |

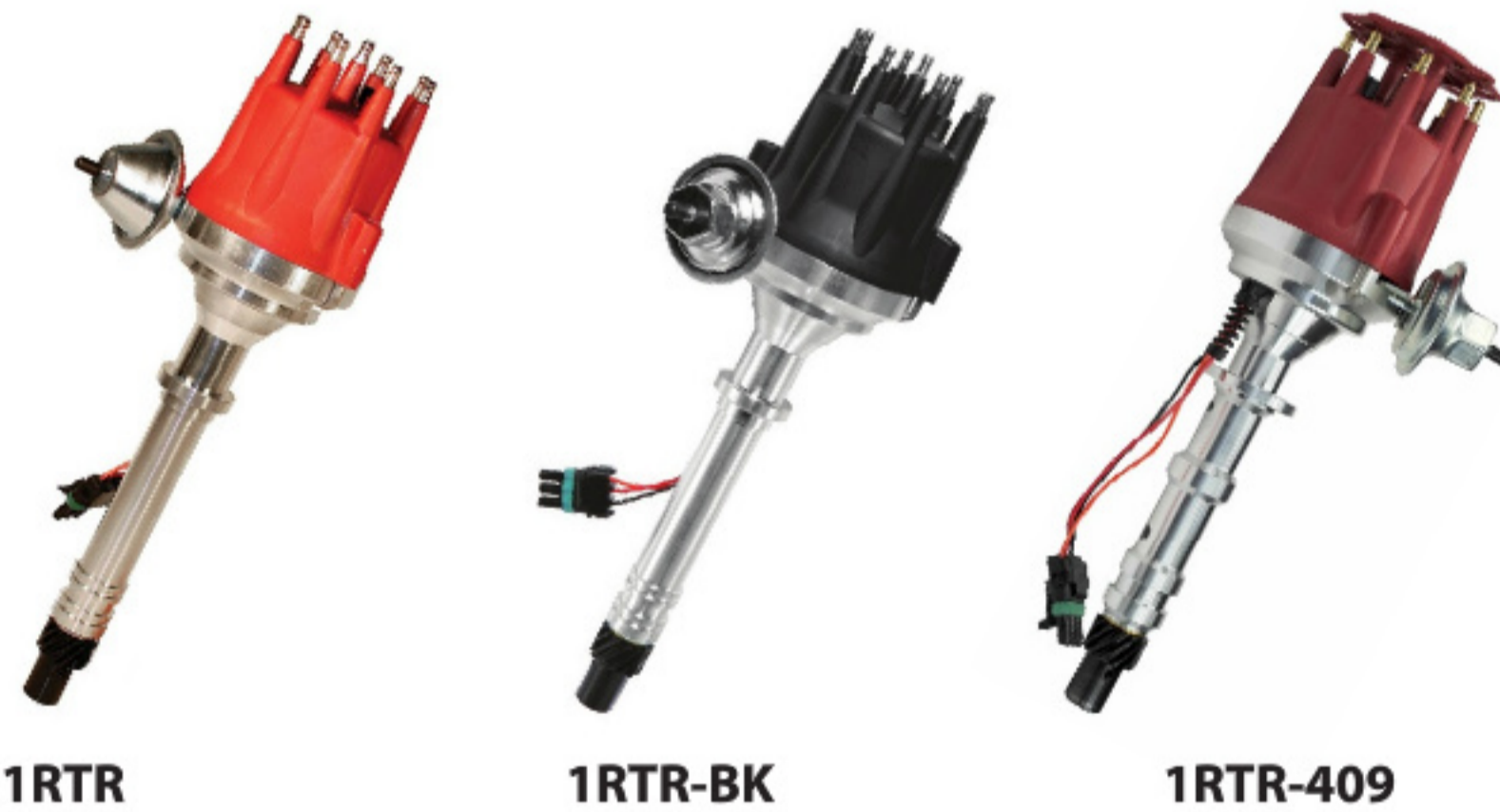
#### REPLACEMENT PARTS

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.



PART NO.	DESCRIPTION
----------	-------------

#### CHEVY

- |                 |   |
|-----------------|---|
| <b>1RTR</b>     | Chevy 262-502 V8, except tall deck blocks & 348-409 engines (Red)   |
| <b>1RTR-BK</b>  | Chevy 262-502 V8, except tall deck blocks & 348-409 engines (Black) |
| <b>1RTR-409</b> | 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

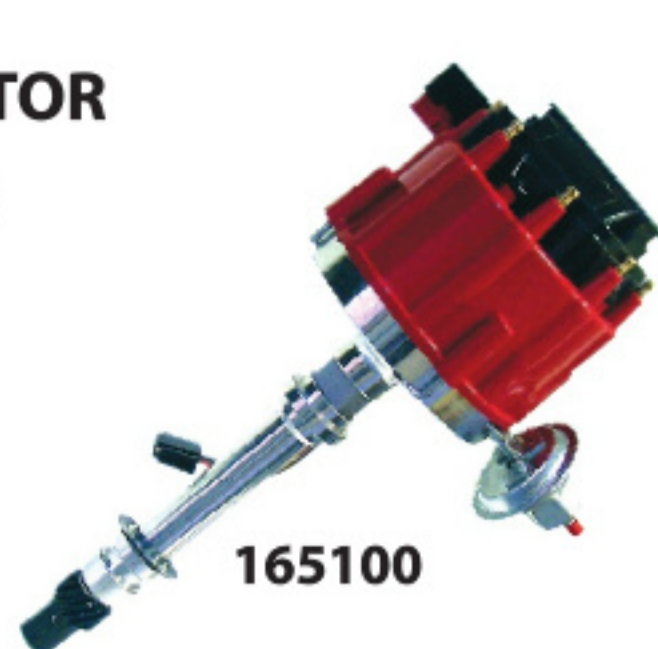
-BK for black replacement\*



## DISTRIBUTORS & REPLACEMENT PARTS

### 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.



165100



165101



165102

#### 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)



16521

#### 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)



1VOR

#### REPLACEMENT PARTS

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

## DISTRIBUTORS & REPLACEMENT PARTS

### 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.



3-289

3-351W

3-351C

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)

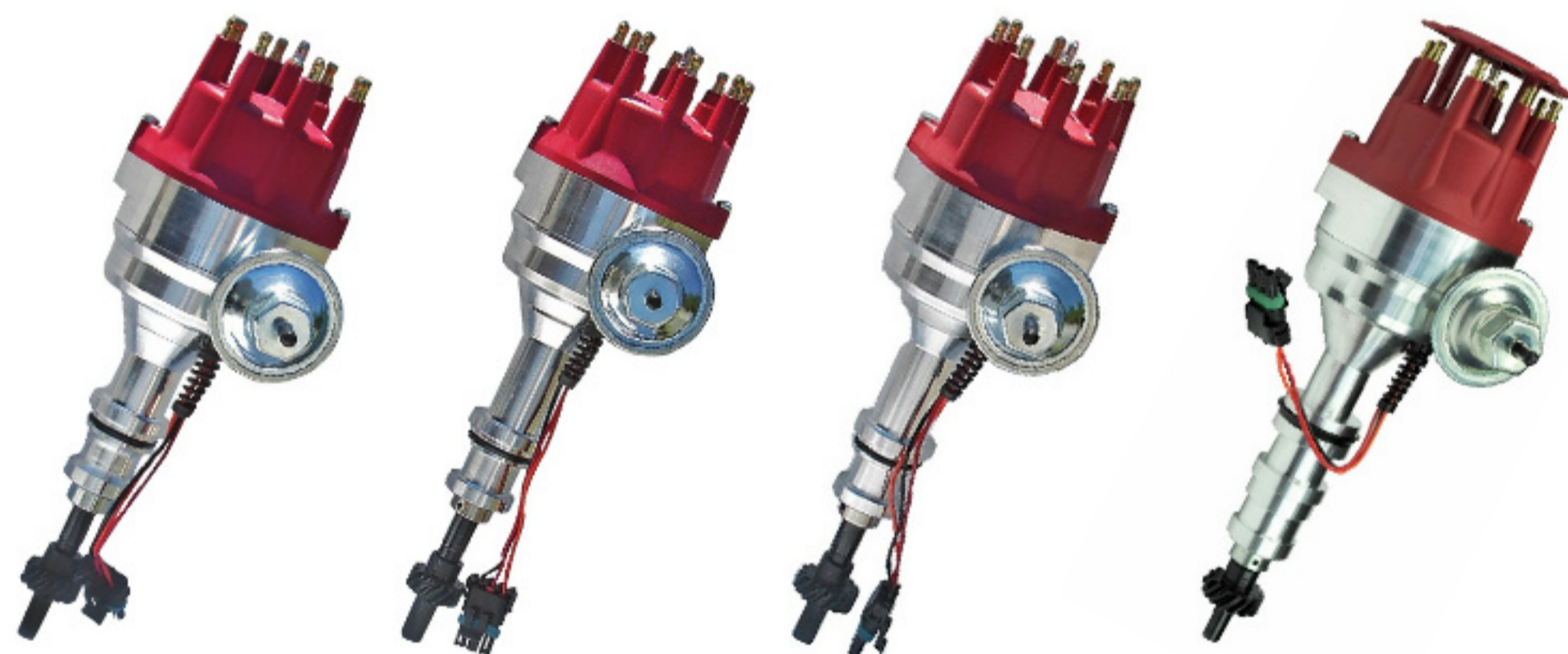
**REPLACEMENT PARTS**

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.



3RTR-289

3RTR-351W

3RTR-351C

3RTR-428

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

## DISTRIBUTORS & REPLACEMENT PARTS

### 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.



3MOD



3-58M



3-58

PART NO.	DESCRIPTION
----------	-------------

#### FORD

3	Ford 5.0L EFI V8 engines in 86-93 cars & 86-01 trucks <b>w/o module</b> mounted on distributor and billet steel hydraulic roller camshafts (Red)
3MOD	Ford 5.0L EFI V8 engines in 86-93 cars & 86-01 trucks <b>w/ module</b> 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.

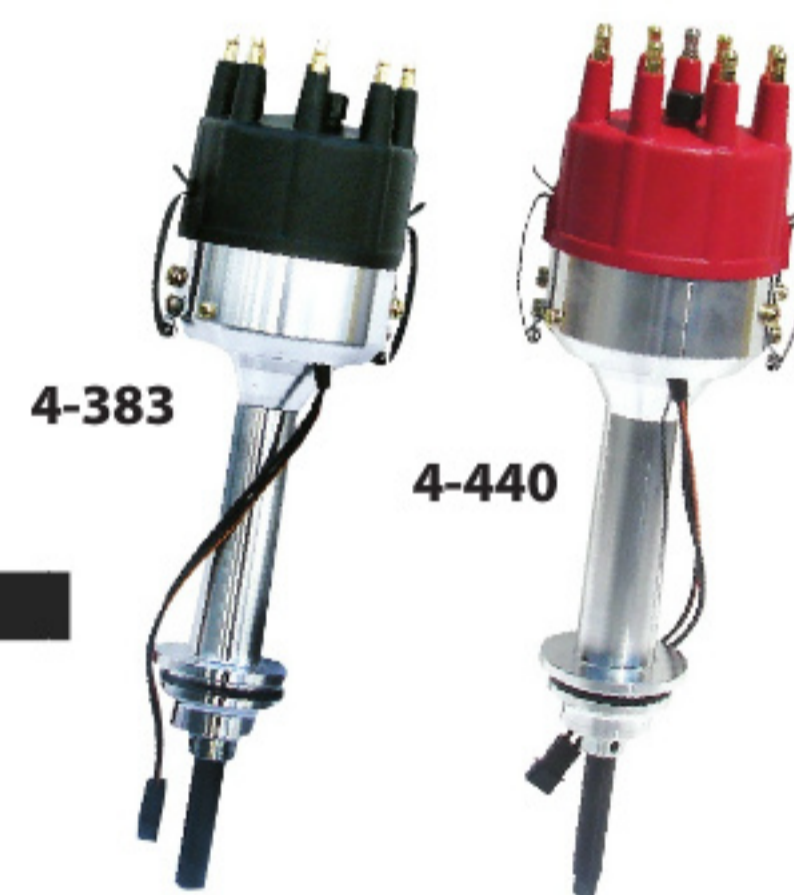
PART NO.	DESCRIPTION
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#### CHRYSLER

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



## DISTRIBUTORS & REPLACEMENT PARTS

### "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.



4RTR-383



4RTR-440

#### 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

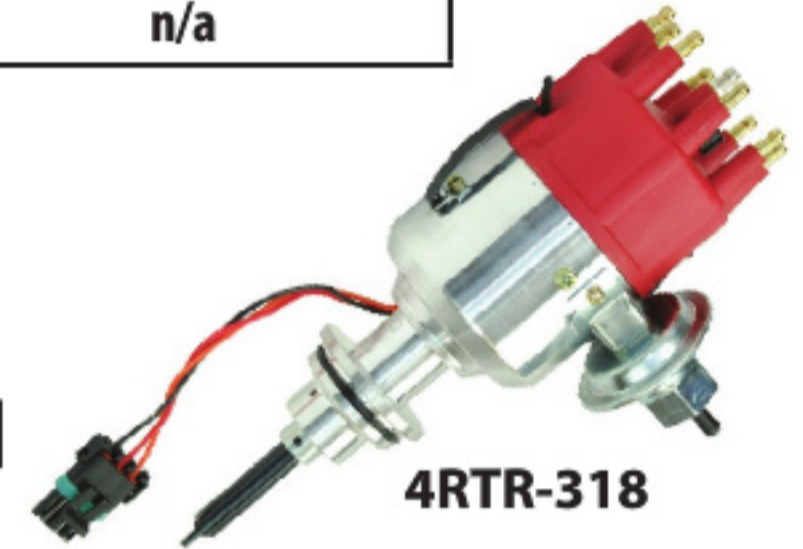
"B" & "RB" Cap	"B" & "RB" Rotor	Magnetic Pickup	Module	Vacuum Advance	Curve Kit
16056C	16056R	n/a	n/a	n/a	n/a

### "LA" ENGINE RTR DISTRIBUTOR

#### PART NO. DESCRIPTION

##### CHRYSLER

- 4RTR-318 Chrysler 273-360 "LA" engines (Red)



4RTR-318

#### REPLACEMENT PARTS

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



5RTR

#### 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)



6RTR

#### REPLACEMENT PARTS

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

## STREET/STRIP HEI DISTRIBUTORS

### 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



### PONTIAC/OLDSMOBILE HEI ELECTRONIC

- Includes 50,000 Volt Coil
- Red Cap

PART NO.	DESCRIPTION
<b>PONTIAC</b>	
16514	SB & BB Pontiac (1974-80)

PART NO.	DESCRIPTION
<b>OLDSMOBILE</b>	
16515	Oldsmobile V8

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

### CAP & ROTOR KITS

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



### 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
<b>GM</b>	
16540	GM HEI cap, coil cover & rotor

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

### ADVANCE CURVE KIT

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
14664	Mechanical advance spring & bushing kit



**Same Day Shipping  
From Four  
Fully Stocked  
Warehouses!**



## DISTRIBUTOR ACCESSORIES



### 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.

Made in USA

PART NO.	ENGINE	MATERIAL	DISTRIBUTOR	DESC.	C.I./LITER	SIZE
<b>GM</b>						
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"
<b>FORD</b>						
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

<b>GM</b>	
16509	GM HEI adjustable vacuum advance

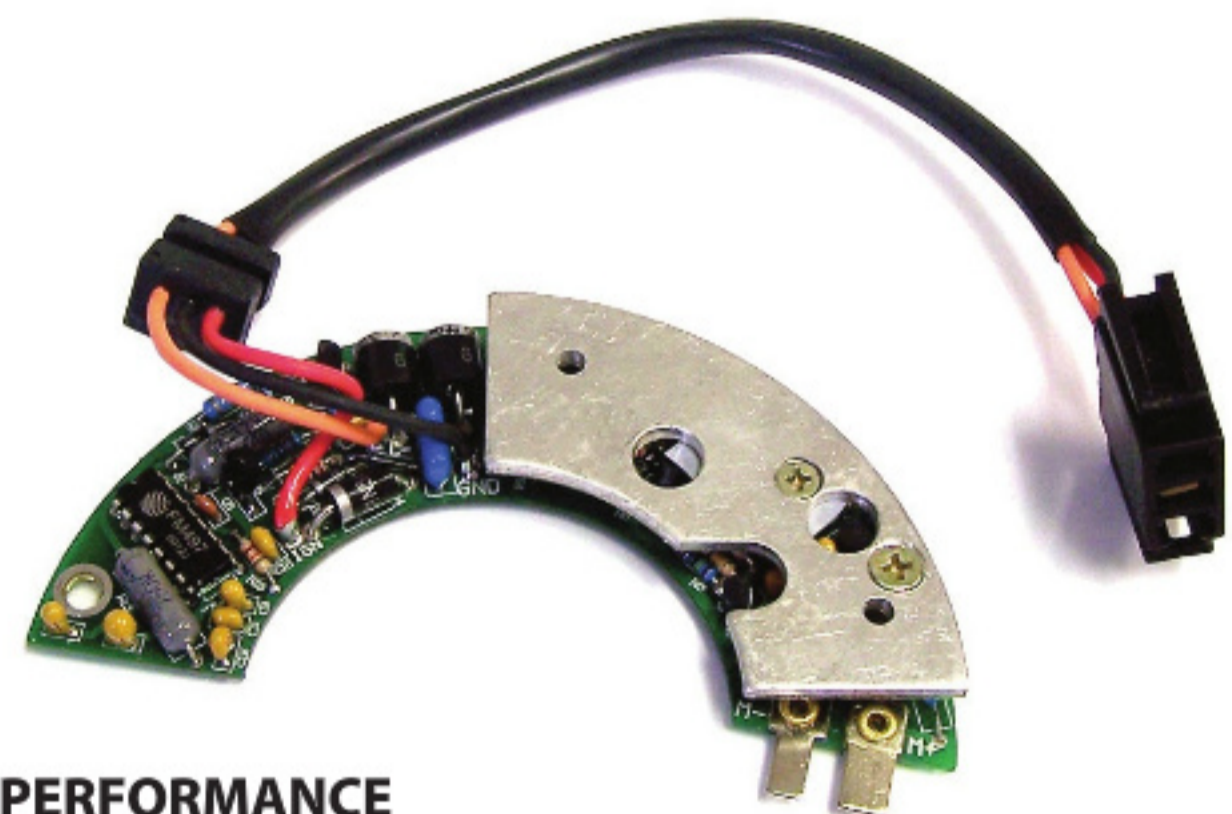
### VACUUM ADVANCE LOCKOUT

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



PART NO. DESCRIPTION

<b>GM</b>	
16508	Vacuum advance lockout, Pre-87 HEI



### HIGH PERFORMANCE IGNITION MODULES

Engineered with low saturation for maximum spark intensity.

PART NO. DESCRIPTION

<b>GM</b>	
16500-5	73-86 GM V8 HEI
16600	HEI replacement w/pig tail



## 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
<b>UNIVERSAL</b>	
16165	Natural
16166	Red
16167	Blue

## 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 / 135mj of spark energy
- 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
<b>UNIVERSAL</b>	
16625	CDI ignition box
16632	Second stage rev limiter





16680



16552



16551

## 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
<b>UNIVERSAL</b>			
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	1.4 Ohms	45,000
<b>GM</b>			
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
<b>FORD</b>			
16566	Ford 5.0 86-97 TFI - grey module		
16567	Ford 4, 6, 8 Cyl. 82-97 - epoxy blk.	0.3 Ohms	48,000
16568	Ford 91-03 4-tower DIS early	0.6 Ohms	36,000



16570



16577



16574

## 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
<b>FORD</b>	
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
<b>CHRYSLER/JEEP</b>	
16578	Chrysler/Jeep 06-14, 5.7L/6.1 & 6.4 HEMI

## COILS & ACCESSORIES

### CHROME COIL BRACKET

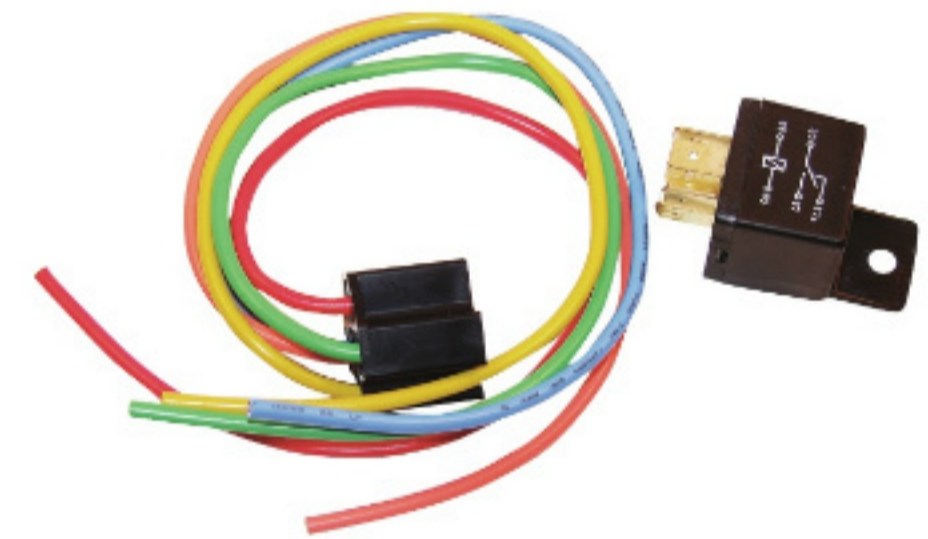
Universal mounting for standard coils up to 2.25" diameter.



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
16580	Chrome coil bracket

### 5-PIN RELAY

Double pole-double throw, 30 AMP, 12 VDC



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
16779	Thru-panel battery connector

# SERIOUS HORSEPOWER





## SWITCHES & ACCESSORIES

### 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
<b>UNIVERSAL</b>	
16750	Safety switch

### TRANSBRAKE BUTTON

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
37055	Momentary - 15 amp button & cord



### REMOTE STARTER SWITCH

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



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
W80581	Remote starter switch

### REMOTE JUMPER TERMINALS

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
16780	Remote jumper terminals



### STARTER WIRING HARNESS

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
13510	Starter wiring harness



### 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
<b>UNIVERSAL</b>	
16770	Universal starter button

### STARTER HEAT SHIELD WRAP

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



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
13516	Starter shield

16776

16775



### BATTERY DISCONNECT SWITCHES



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

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



13500P

13500S



### SERVICE PARTS -13500 STARTER

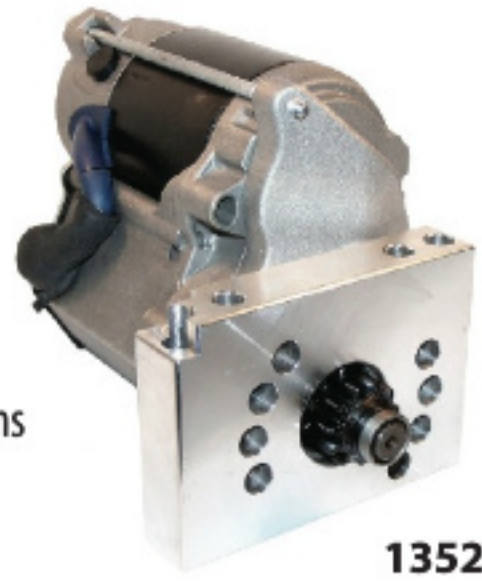
PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
13500P	Starter drive for 135000, 135010, 13502
13500S	Solenoid for 135000, 13502
13500SK	Shim and fastener kit for 135000, 135010, 13502



## STARTERS & ALTERNATORS

### DENSO-STYLE TORQUE STARTER

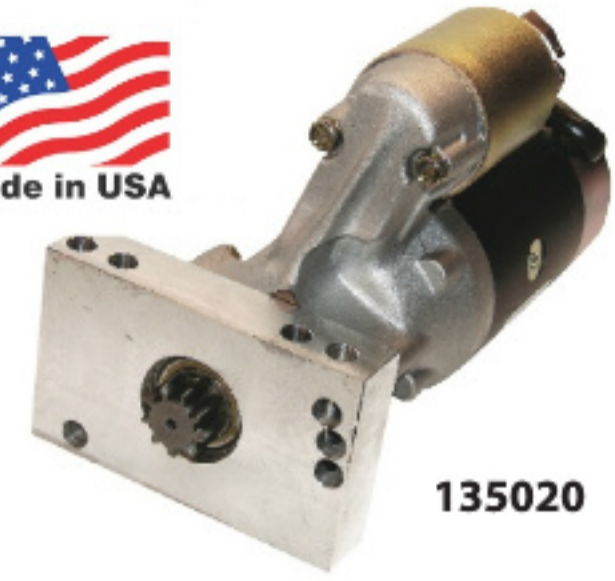
- Lightweight, only 10lbs.
- 1.9 Horsepower
- 4:4:1 gear ratio
- Ideal for high-compression and big CI applications
- Adjustable mounting block



135250

### HITACHI-STYLE STARTER

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



135020

PART NO.	MAKE	STYLE	TORQUE	COMP	BOLT	FINISH
<b>CHEVY</b>						
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	13:1	Stag	Natural
<b>FORD</b>						
135280	SBF, 62-87	Denso	Street/Strip	13:1	Auto 3	Natural

### HIGH PERFORMANCE RACING STARTERS

PART NO.	DESCRIPTION
<b>CHEVY</b>	
135300	High torque, Chevy SB/BB & V8's, 168-Tooth, stag mnt, 18:1 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



13502B



13600

### ONE WIRE ALTERNATOR

- One wire convenience
- Premium chrome plating
- High output capability
- Brand new unit includes fan and single groove 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
<b>UNIVERSAL</b>	
16771	Single contact solenoid

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
13600	100 amp
13602	140 amp
13610	100 amp serp belt pulley



## METERING BLOCK GASKETS

Blue non-stick reusable fiber



## FUEL GASKETS



SINGLE	4 PACK	10 PACK	DESCRIPTION
<b>UNIVERSAL</b>			
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



## CARBURETOR GASKET KIT

Blue non-stick reusable fiber



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
133	Single, reusable, 4160
11833	4-Pack, reusable, 4160
11833-10	10-Pack, reusable, 4160
135	Single, reusable, 4500 3 Circuit
11835	4-Pack, reusable, 4500 3 Circuit

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
11800	Two of each teflon coated fuel bowl and metering block gaskets

## 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.



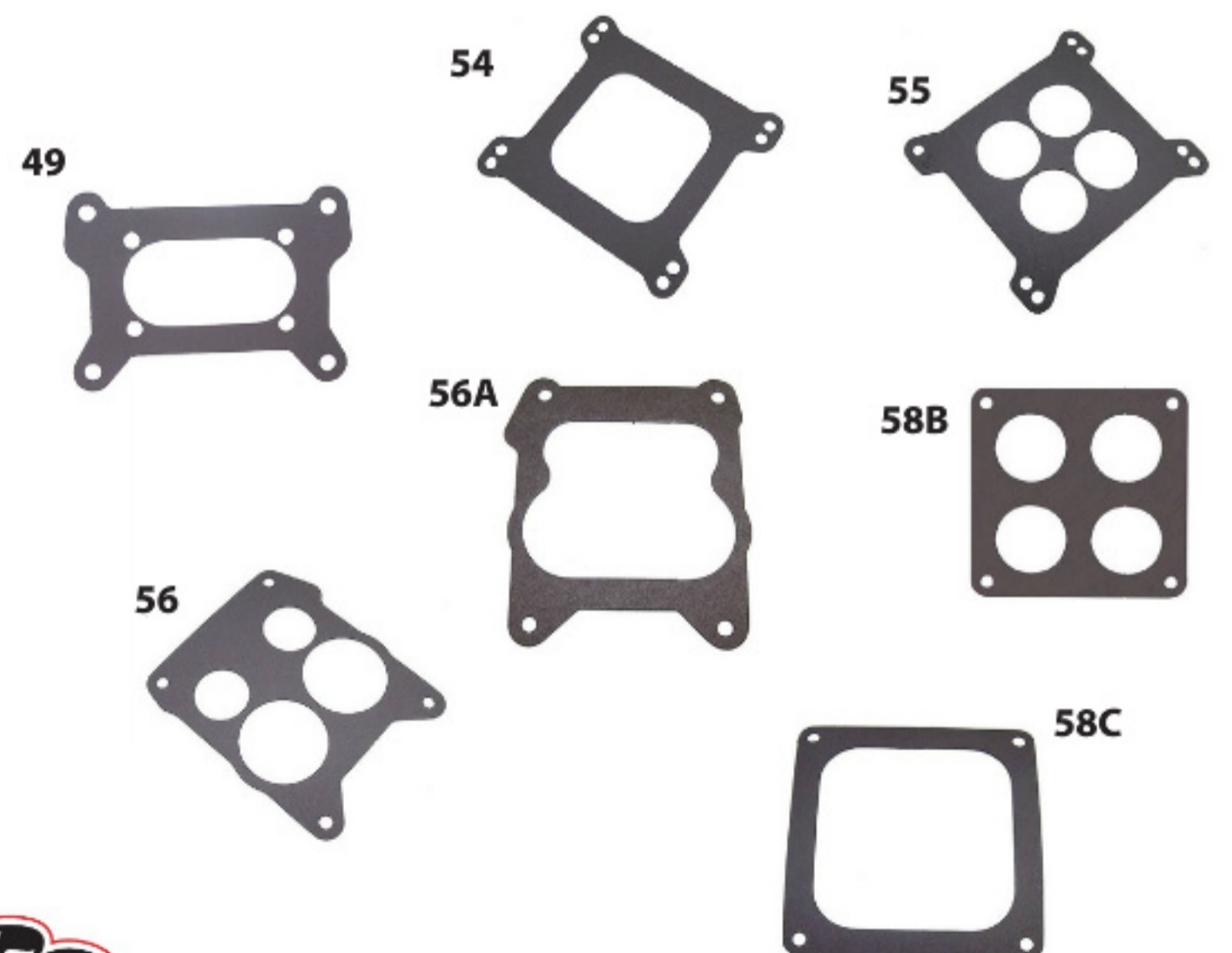
PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
11419	Fits Holley 4160 390, 450, 600, 750, & 850 cfm carbs
11419R	11419 with reusable gaskets
11474	Fits Holley 2300 2 barrel.
11474R	11474 with reusable gaskets
11485	Fits most Holley double pumper carbs
11485R	11485 with reusable gaskets



## CARBURETOR MOUNTING GASKETS



SINGLE	10-PACK	DESCRIPTION
<b>UNIVERSAL</b>		
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	-	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
-------	----------------------

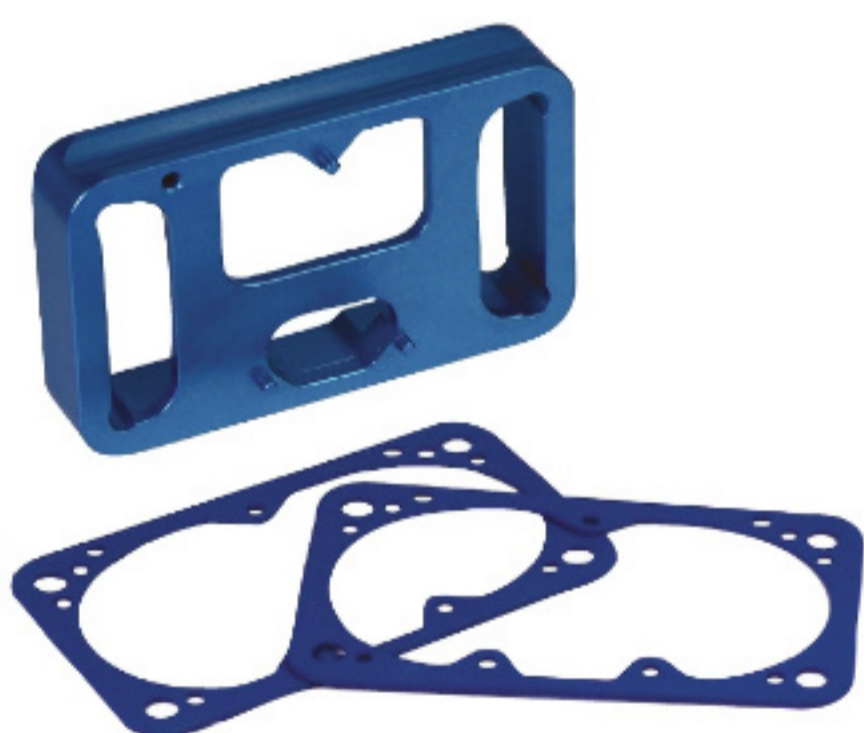


## FUEL BOWL SCREW GASKET

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
-------	------------------------------

# CARBURETOR ACCESSORIES



## 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 plug
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## VACUUM SECONDARY SPRINGS

PART NO. DESCRIPTION

### UNIVERSAL

11213	Vacuum secondary spring assortment - 7 sizes
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## VACUUM SECONDARY DIAPHRAGM

PART NO. DESCRIPTION

### UNIVERSAL

11354	Vacuum secondary diaphragm
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# SERIOUS HORSEPOWER

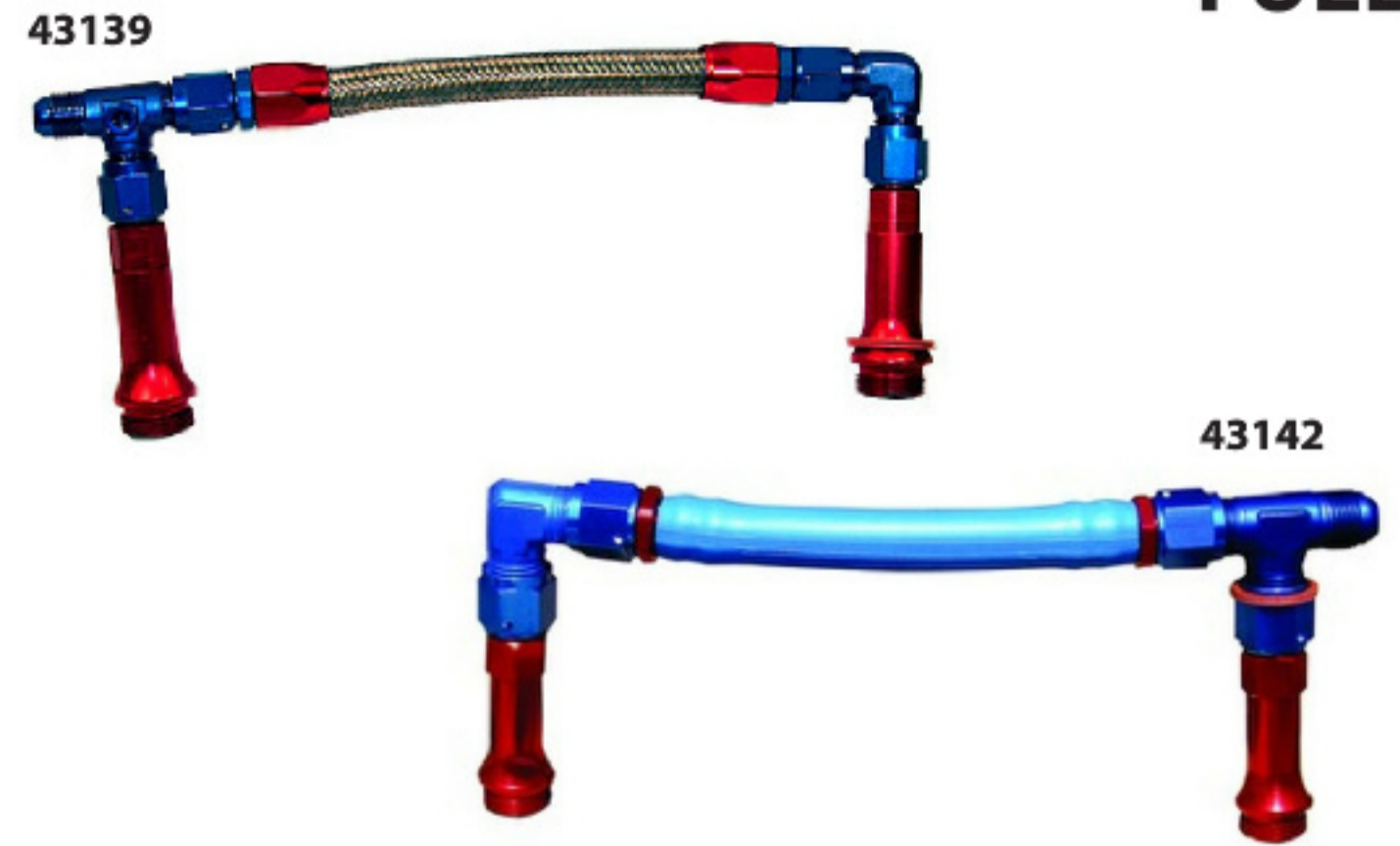


## DUAL FEED CARBURETOR LINES - RED/BLUE

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

### FUEL

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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



## DUAL FEED CARBURETOR LINES - BLACK

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
52197	Holley Double Pumper Chrome Fuel Line



## CARB ADAPTERS & FITTINGS

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



43246

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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

## ADEL CLAMPS

Package of 6.



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

## CARB FUEL INLET FITTINGS

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



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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



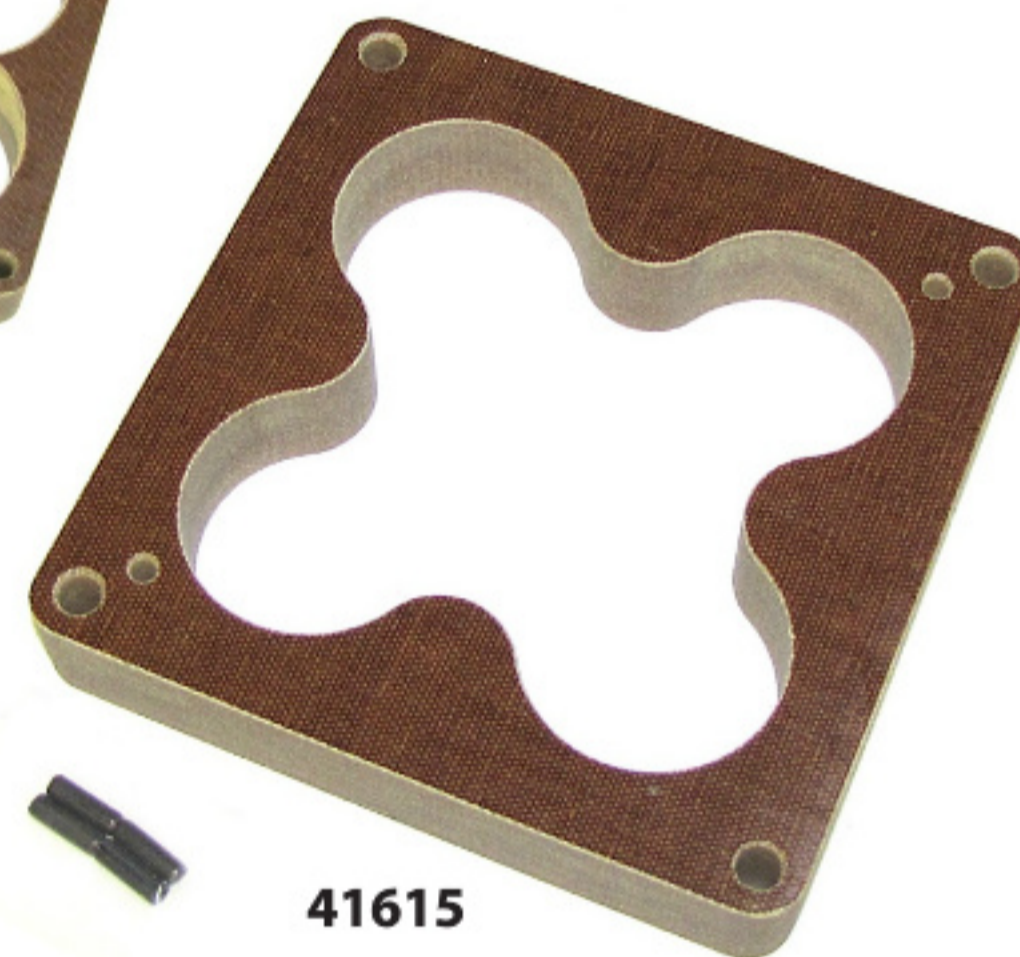
**41602**  
1" Holley 4500  
Standard open plenum

## 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!

**41618**



**41615**

PART NO.	DESCRIPTION	MODEL	CFM
<b>UNIVERSAL</b>			
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

## 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
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
51105	1/2" Height
51110	1" Height
51120	Scoop mount spacer

## INLET FITTING



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
41846	06AN
41848	08AN
41840	10AN



## BANJO SWIVEL FITTINGS



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



## ALUMINUM GAUGE PORTS

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
42004	04AN Blue
42006	06AN Blue
53004	04AN Black
53006	06AN Black



## CARB BANJO ADAPTER FITTINGS



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



## CARBURETOR MAIN JETS

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



2-PACK	10-PACK	JET SIZE
<b>UNIVERSAL</b>		
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

## JETS & THROTTLE

### 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
<b>UNIVERSAL</b>	
11250	Main jet extensions

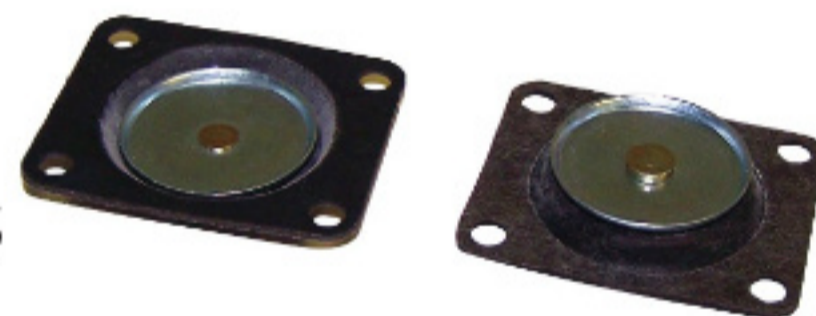
### ACCELERATOR PUMP DISCHARGE NOZZLE



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
<b>UNIVERSAL</b>			
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
<b>UNIVERSAL</b>	
11355	30cc Pump, 2-Pack
11357	50cc Pump, 2-Pack

### THROTTLE MICROSWITCH



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







41689



41699

## 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
<b>UNIVERSAL</b>	
41689	Bracket and Springs
41699	Dual return spring kit



550160



560161

## ANODIZED KICKDOWN CABLE BRACKETS

CLEAR	BLACK	DESCRIPTION
<b>UNIVERSAL</b>		
550160	560160	GM style kickdown detent cable bracket
550161	560161	Lokar style kickdown detent cable bracket

## 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
<b>UNIVERSAL</b>		
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



550000



560001

## 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
<b>UNIVERSAL</b>		
550010	560010	Throttle return spring bracket fits 4150/Edelbrock
550011	560011	Throttle return spring bracket fits 4500 carb



560010





## 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
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
41803	Universal, 4.5 - 9 psi



## NITROUS VALVE MOUNTING BRACKETS



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

## IN-LINE REGULATOR

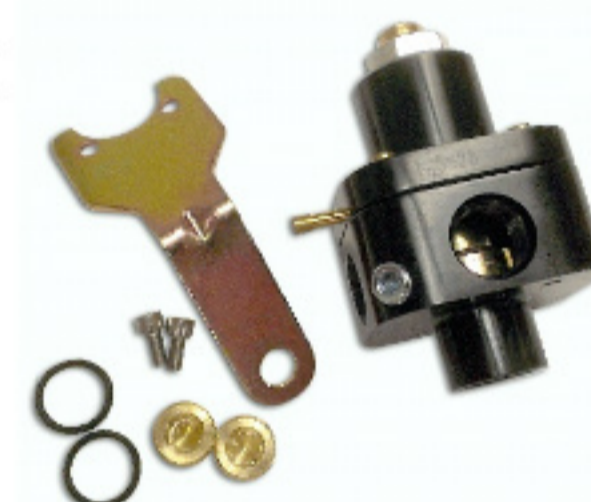
- Black anodized billet aluminum body
- Return line back to tank NOT required
- Top mount adjuster screw and lock nut for fuel pressure
- 3/8" NPT inlet and outlet ports
- 1/8" NPT female port for fuel pressure gauge
- Mounting bracket included



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
12720	Fuel tank sump kit



## FUEL PUMPS

### ELECTRIC FUEL PUMPS

- 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



41106



22801

22802

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

\*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.



41951



41911

PART NO.	APPLICATION	ENGINE	PERFORMANCE
<b>UNIVERSAL</b>			
41900	Universal In-line	n/a	255LPH
<b>BUICK</b>			
41911	Buick Regal	3.8L Turbo	255HO
<b>CHEVY</b>			
41911	Chevy Camaro 85-91	5.0L/5.7L	255HO
<b>FORD</b>			
41951	Ford Mustang 85-97	4.6L/5.0L	190LPH
41952	Ford Mustang 85-97	4.6L/5.0L	255LPH
41953	Ford Mustang 85-97	4.6L/5.0L	255HO
41957	Ford Lightning - 2 Pump	5.8L	255LPH

### 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
<b>UNIVERSAL</b>	
41877	SB & BB Chevy, Standard length
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

<b>550500</b>	<b>570500</b>	<b>580500</b>	<b>560500</b>	Fuel cell cap & bung assembly
<b>550551</b>	<b>570501</b>	<b>580501</b>	<b>560501</b>	Cap assembly w/ 12-bolt bung



## FUEL CELL CAP GASKET

**PART NO. DESCRIPTION**

### UNIVERSAL

<b>5507625</b>	6 Bolt fuel cell cap gasket
<b>5507626</b>	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

<b>550450</b>	Billet filler cap kit w/ aluminum bung
<b>550451</b>	Billet filler cap kit w/ steel bung
<b>550452</b>	Billet filler cap kit w/ aluminum bolt on bung
<b>580605</b>	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

<b>550400</b>	<b>570400</b>	<b>580400</b>	<b>560400</b>	SB Chevy kit
<b>550401</b>	<b>570401</b>	<b>580401</b>	<b>560401</b>	BB Chevy kit



## 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



## FUEL FILTERS

### STREET FUEL FILTERS

Glass and chrome construction.



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
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



BLACK	RED	LENGTH	IN/OUT	MICRON	FILTER
<b>UNIVERSAL</b>					
41750	41750-RED	11-1/2"	10AN	100	Stainless
41751	41751-RED	11-1/2"	8AN	120	Media
41752	41752-RED	11-1/2"	6AN	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				

BLACK	BLUE	LENGTH	IN/OUT	MICRON	FILTER
<b>UNIVERSAL</b>					
42740	42740-BLUE	2-1/2"	4AN	40	Wire screen
42750	42750-BLUE	2-1/2"	6AN	40	Wire screen
42760	42760-BLUE	3-3/4"	6AN	40	Wire screen
42770	42770-BLUE	2-5/8"	8AN	40	Wire screen
42780	42780-BLUE	4"	8AN	40	Wirescreen

42800	Viton O-Ring seal for 42740, 42750, 42760, 42770, 42780				
42801	Filter screen - 40 Micron				

42880	42880-BLUE	6-1/4"	8AN	10	Media
42881	n/a	6-1/4"	8AN	100	Stainless
42883	n/a	6-1/2"	10AN	100	Stainless
42885	n/a	8-1/4"	12AN	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				



## PRE-ASSEMBLED NITROUS LINES

COMPARE TO NOS®	PART NO.	AN	AN	LENGTH	COLOR
<b>UNIVERSAL</b>					
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

Stainless braid cover with Teflon inner core. Pre-made and tested for the most popular applications.  
**BLUE** = Nitrous / **RED** = Fuel.



616048



### 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



### NITROUS BOTTLE NUT COMBO WRENCH

**PART NO. DESCRIPTION**

UNIVERSAL	
560205	3AN, 4AN, 6AN, & 1 1/4" wrench



## STAINLESS STEEL NITROUS JETS

SIZE	PART NO.
<b>UNIVERSAL</b>	
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	8-PACK
<b>UNIVERSAL</b>	
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.
<b>UNIVERSAL</b>	
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
- Umbrella valve seals installed
- Handles up to .600" lift @ 1.800"
- High grade aluminum heads
- Hardened seats
- Bronze valve guides



## CYLINDER HEADS

PART NO.	MAKE	STYLE	CHAMBER	VOLUME	PLUG	CAM SPEC	SPRING	VALVES	PORT	FP
<b>CHEVY SMALL BLOCK</b>										
170050A	SBC	Complete	---	64/190	Straight	Hydraulic	920-16	1.60 / 2.02		
171000A	SBC	Complete	---	64/205	Angle	Hydraulic	920-16	1.60 / 2.02	*Vortech	1255
171000AS	SBC	Complete	---	64/205	Angle	Solid/Hydraulic	927-16	1.60 / 2.02	*Vortech	1255
271000A	SBC	Complete	---	64/210	Angle	Hydraulic	920-16	1.60 / 2.02		
271000AS	SBC	Complete	---	64/210	Angle	Solid/Hydraulic	927-16	1.60 / 2.02		
271500A	SBC	Complete	---	64/210	Straight	Hydraulic	920-16	1.60 / 2.02		
271500CNC	SBC	Complete	68cc	89/218	Straight	N/A	N/A	1.60 / 2.05		
271500AS	SBC	Complete	---	64/210	Straight	Solid/Hydraulic	927-16	1.60 / 2.02		
<b>CHEVY BIG BLOCK</b>										
170000A	BBC	Complete	---	119/320	---	Rect Port	22406	1.88 / 2.25		
170000AS	BBC	Complete	---	119/320	---	Rect Port	22429	1.88 / 2.25		
170500A	BBC	Complete	---	119/305	---	Oval Port	910-16	1.88 / 2.25		
<b>FORD</b>										
172000A	SBF	Complete	---	62/190	---	Hydraulic	920-16	1.60 / 2.02		
172000AS	SBF	Complete	---	62/190	---	Solid/Hydraulic	927-16	1.60 / 2.02		
172500A	SBF	Complete	---	62/210	---	Hydraulic	920-16	1.60 / 2.02		
172500AS	SBF	Complete	---	62/210	---	Solid/Hydraulic	927-16	1.60 / 2.02		

### SPACER KIT FOR AS CAST HEADS



PART NO. DESCRIPTION

<b>CHEVY</b>	
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

<b>UNIVERSAL</b>	
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

### 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

<b>UNIVERSAL</b>	
53504	350 4-bolt main, 2 to 4-bolt conversion
53504S	350 4-bolt main, 2 to 4-bolt conversion splayed (22° angle)

### CYLINDER HEAD DOWEL PINS



4-PACK 20-PACK DESCRIPTION

<b>CHEVY</b>		
12225	12225-20	SB Chevy
12233	12233-20	BB Chevy

### 680460



### 580302



### 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

<b>FORD</b>	
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





## BEARINGS

### 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			
MAKE	YEAR	ROD	MAIN	ROD	ROD X	MAIN	MAIN X
<b>CHEVY</b>							
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
<b>FORD</b>							
289	63-68	CB634P	MS590P	CB634H	CB634HX	MS590H	MS590HX
302	68-91	CB634P	MS590P	CB634H	CB634HX	MS590H	MS590HX
351W	69-76	CB831P	MS981P	CB831H	---	---	---
<b>MOPAR</b>							
318-360	58-03	CB481P	MS540P*	CB481H	---	MS540H	---
440	66-79	CB527P	MS877H	CB527HD	---	---	---

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



### ENGINE FINISHING KITS

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

### FREEZE PLUG SETS

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



PART NO.	MATERIAL	DESCRIPTION
<b>CHEVY</b>		
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
<b>FORD</b>		
60302	Brass	302 Ford
61302	Steel	302 Ford
60471	Steel	302/351 Ford, 10-Pack, Cam plug only
60460	Brass	460 Ford
<b>MOPAR</b>		
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. MULTIPLE BORE SIZES AVAILABLE.**



## PISTONS

PART NO.	BORE	STROKE	ROD	C. HGT.	PROFILE	HEAD VOL	RINGS	WGHT/PIN	WRIST PIN
<b>CHEVY</b>									
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
<b>FORD</b>									
213021-030	4.030	3.000	5.090	1.608	Flat Top	11.0cc	5/64, 5/64, 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

213857-030



213489-030



213496-030



## FLAT TOP PISTONS

PART NO.	BORE	STROKE	ROD	C. HGT.	PROFILE	HEAD VOL	RINGS	WGHT/PIN
<b>CHEVY SMALL BLOCK</b>								
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
<b>CHEVY BIG BLOCK</b>								
213489-030	4.250	4.250	6.385	1.270	1 Valve	2.57c	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

\*Multiple sizes available.

## PISTON PIN SET

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

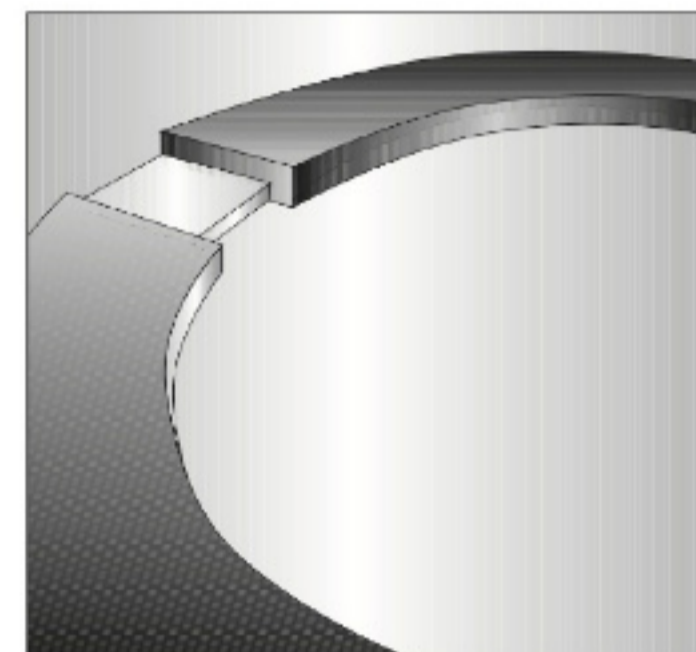


## PISTON RING SETS

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.



## PISTON RING SETS



## 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!

BORE	TENSION	RING WIDTHS	FILE FIT	NON-FILE FIT	PERFORMANCE SERIES
<b>UNIVERSAL</b>					
4.000	Standard	1/16, 1/16, 3/16	454005	n/a	n/a
4.000	Standard	5/64, 5/64, 3/16	454004	n/a	n/a
4.000	Low	1/16, 1/16, 3/16	454006	n/a	n/a
4.000	Standard	1/16, 1/16, 4mm	454007	n/a	n/a
4.030	Standard	1/16, 1/16, 3mm	454033	n/a	n/a
4.030	Standard	5/64, 5/64, 3/16	454034	444034	n/a
4.030	Standard	1/16, 1/16, 3/16	454035	444035	464035
4.030	Low	1/16, 1/16, 3/16	454036	n/a	464036
4.030	Standard	1/16, 1/16, 4mm	454037	444037	n/a
4.030	Standard	1/16, 1/16, 1/8	454038	444038	n/a
4.040	Standard	5/64, 5/64, 3/16	454044	n/a	n/a
4.040	Standard	1/16, 1/16, 3/16	454045	444045	464045
4.040	Low	1/16, 1/16, 3/16	454046	n/a	464046
4.040	Standard	1/16, 1/16, 4mm	454047	n/a	n/a
4.040	Standard	1/16, 1/16, 1/8	454048	n/a	n/a
4.060	Standard	5/64, 5/64, 3/16	454064	444064	n/a
4.060	Standard	1/16, 1/16, 3/16	454065	444065	464065
4.060	Low	1/16, 1/16, 3/16	454066	n/a	464066
4.060	Standard	1/16, 1/16, 4mm	454067	n/a	n/a
4.125	Standard	1/16, 1/16, 3/16	454130	444130	n/a
4.155	Standard	1/16, 1/16, 3/16	454160	444160	464160
4.155	Standard	5/64, 5/64, 3/16	454164	n/a	n/a
4.155	Standard	1/16, 1/16, 1/8	454168	n/a	n/a
4.165	Standard	1/16, 1/16, 3/16	454170	444170	464170
4.165	Standard	1/16, 1/16, 1/8	454178	n/a	n/a
4.250	Standard	1/16, 1/16, 3/16	454255	n/a	n/a
4.280	Standard	1/16, 1/16, 3/16	454285	444285	464285
4.280	Low	1/16, 1/16, 3/16	454286	n/a	n/a
4.310	Standard	1/16, 1/16, 3/16	454315	444315	464315
4.310	Low	1/16, 1/16, 3/16	454316	n/a	n/a
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	n/a	n/a
4.440	Standard	1/16, 1/16, 3/16	454445	n/a	n/a
4.500	Standard	1/16, 1/16, 3/16	454505	444505	464505
4.530	Standard	1/16, 1/16, 3/16	454535	n/a	n/a
4.560	Standard	1/16, 1/16, 3/16	454565	n/a	n/a
4.600	Standard	1/16, 1/16, 3/16	454605	n/a	n/a



TOTAL SEAL® TECHNOLOGY



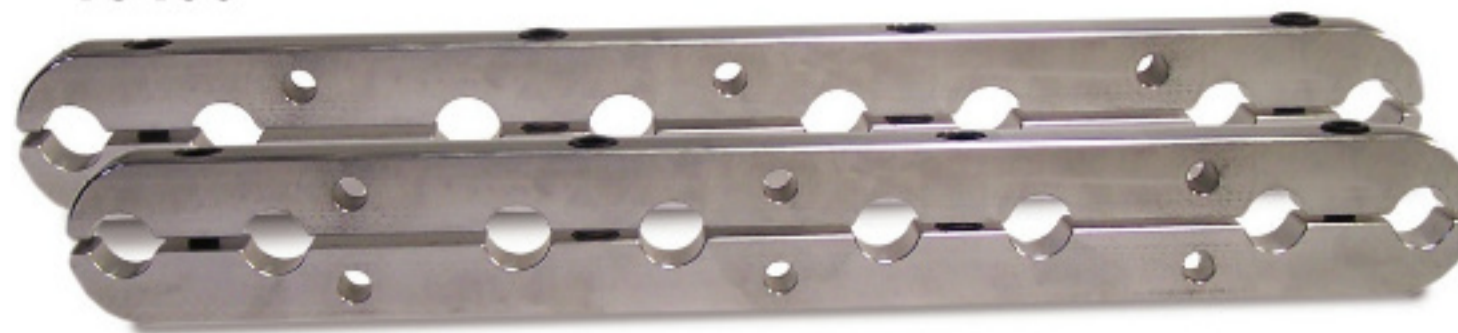
## STUD GIRDLES

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



PART NO.	DESCRIPTION	SPACING (INT. TO EXT.)
<b>CHEVY</b>		
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	---
<b>FORD</b>		
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	---

10400



10403



70402



31-8



76-8



## 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 trunion 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. Engine Builder bulk program available.

PART NO.	DESCRIPTION	STUD	ROCKER ARM SLOT WIDTH	LENGTH
<b>UNIVERSAL</b>				
31-8	Rocker Arm	3/8"	.585	1.3250"
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"

## GUIDEPLATES



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

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



## ROCKER ARM STUDS

Sets of 16.



PART NO.	DESCRIPTION	TYPE	STUD LENGTH	STUD SIZE
<b>UNIVERSAL</b>				
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
<b>CHEVROLET SMALL BLOCK HYDRAULIC</b>							
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	Fair	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
<b>CHEVROLET SMALL BLOCK HYDRAULIC ROLLER 1987-94</b>							
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
<b>CHEVROLET SMALL BLOCK SOLID LIFT</b>							
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	558/558	108/112
<b>CHEVROLET BIG BLOCK HYDRAULIC</b>							
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	Nasty	2800-6500	Mid	316/332	244/254	576/603	105/115
<b>CHEVROLET BIG BLOCK SOLID LIFT</b>							
145320S	Radical	3400-6800	Mid-High	301/304	250/261	576/639	108/116
<b>FORD SMALL BLOCK HYDRAULIC</b>							
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
<b>FORD SMALL BLOCK HYDRAULIC ROLLER</b>							
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
<b>FORD SMALL BLOCK 351W &amp; 302HO HYDRAULIC</b>							
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
<b>FORD BIG BLOCK 429-460 HYDRAULIC</b>							
146280H	Nice	2200-5800	Good-Low	292/302	214/224	512/538	107/117
<b>CHRYSLER SMALL BLOCK HYDRAULIC</b>							
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
<b>PONTIAC HYDRAULIC</b>							
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

## 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"

## 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**

PART NO.	10-PACK	25-PACK	TYPE	APPLICATION	DIA.	LENGTH
<b>CHEVY</b>						
<b>130010</b>	<b>130010B</b>	<b>130010-25</b>	Aluminum	SBC	.874	.793
<b>130011</b>	<b>130011B</b>	<b>130011-25</b>	Roller	SBC	.874	.793
<b>130015</b>	<b>130015B</b>	<b>130015-25</b>	Aluminum	BBC	.712	.945
<b>130016</b>	<b>130016B</b>	---	Roller	BBC	.712	.945



**130016B**

## CAM ACCESSORIES

### DEGREE BUSHING KIT



A must for proper degreasing 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	---	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.



## LIFTERS

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



**FORD**

**CHRYSLER**

**PONTIAC / OLDSMOBILE**

**BUICK**

## 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
<b>CHEVY</b>	
ML163H-16	BB Chevy Gen V and VI
ML2148H-16	SB Chevy 305, 350, and 5.7 LS1 from 87-99
<b>FORD</b>	
ML2205H-16	SB Ford 302, 302 HO, 5.0L 1985-2000, and 351W 1994-97
ML2083H-16	BB Ford 352, 390, 429

**CHEVY**

**FORD**



## 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
<b>CHEVY</b>	
10710-16	SBC / BBC
<b>FORD</b>	
50710-16	SBF / BBF

**CHEVY**

**FORD**



## 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
<b>CHEVY</b>	
ML817R-16	SBC / BBC
<b>FORD</b>	
ML900R-16	SBF / BBF

**CHEVY**

**FORD**



## 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
13056	SBC 3/8" stud, 1.6 ratio

## STAINLESS STEEL ROCKER ARMS

Premium high quality stainless body. Oversized full needle trunion & 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

## 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

### 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
-------	-----	-----	-----



## 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	---





## SPRINGS

### 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	SEAT PRESSURE INSTALL HEIGHT	OPEN GROSS MAX LIFT PRESSURE	COIL BIND
<b>UNIVERSAL</b>				
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	155# @ 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



# VALVETRAIN



## 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.



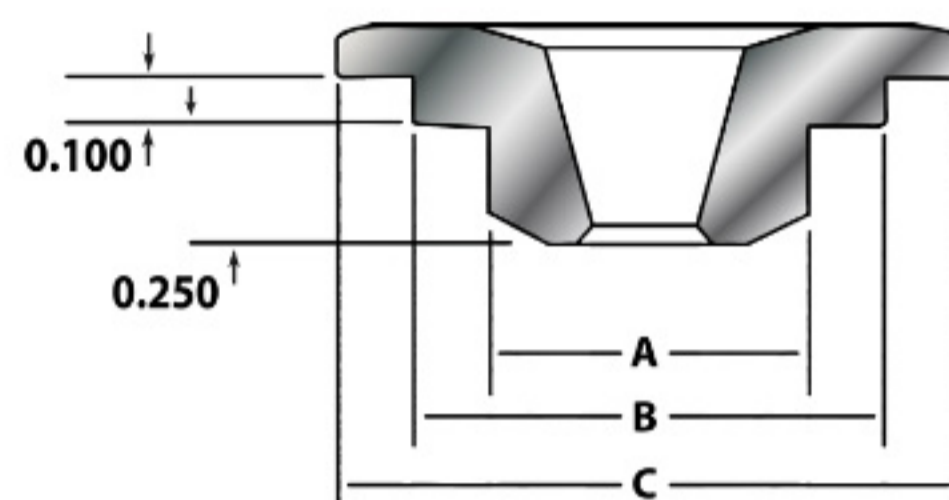
## STEEL AND TITANIUM RETAINERS 7° & 10°



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
<b>UNIVERSAL</b>			
99250	1.250	0.814	
99437	1.437	0.645	
99438	1.438	0.766	
99480	1.480	0.765	
99500	1.500	0.645	
99640	1.640	0.643	
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 DEG.	STEM SIZE	INSTALL	A	B	C
<b>STEEL</b>									
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	960/680/985/987/989	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
<b>TITANIUM</b>									
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



## 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

<b>CHEVY</b>	
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

### PART NO. DESCRIPTION

<b>CHEVY</b>	
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

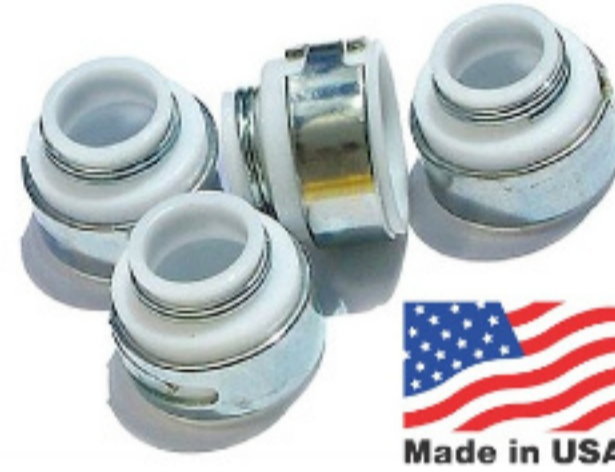
Original equipment replacement seals for Street & Strip applications. Manufactured of highest quality material to meet or exceed OE specs.



16-PACK	100-PACK	SEAL TYPE	APPLICATION
<b>CHEVY</b>			
---	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.



PART NO.	100-PACK	STEM DIA.	GUIDE DIA.
<b>UNIVERSAL</b>			
12340-16	12340-100	.312" - 5/16"	.530"
12343-16	12343-100	.343" - 11/32"	.500"
12370-16	12370-100	.343" - 11/32"	.530"
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. Packages of 16.



PART NO.	SIZE
<b>UNIVERSAL</b>	
280-16	11/32"
281-16	3/8"



## 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
<b>UNIVERSAL</b>	
201-16	201-100
202-16	202-100
203-16	203-100
204-16	204-100
210-16	210-100
220-16	220-100
227-16	227-100
225-16	---
230-16	---
232-16	232-100
242-16	---
243-16	---
245-16	---
247-16	---
249-16	---

## 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
<b>UNIVERSAL</b>		
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
<b>UNIVERSAL</b>			
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

16-PACK	100-PACK	DESCRIPTION	DEGREE	STEM SIZE	INSTALL HT.
<b>UNIVERSAL</b>					
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
227-16	227-100	Machined	Super 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

## 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	DEG.
<b>UNIVERSAL (CHEVY/ FORD)</b>				
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°
<b>CHEVY</b>				
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°
<b>FORD</b>				
SRK980	SBF	Roller Cam	1.500	10°
<b>PONTIAC</b>				
SRK905	Pontiac	Mild Hydraulic	1.435	7°
<b>CHRYSLER</b>				
SRK910	BB Chry.	Hydraulic	1.475	7°



## VALVES

### STREET SERIES

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



PART NO.	TYPE	HEAD DIA.	STEM DIA.	TIP LENGTH	OVERALL LENGTH	GRAM WEIGHT
<b>CHEVY</b>						
211150	Exhaust	1.500	11/32	.280	4.91	89
211160	Exhaust	1.600	11/32	.290	4.89	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

- 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
<b>CHEVY</b>					
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

- 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
<b>CHEVY</b>					
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 UNIVERSAL	8-PACK	DIA.	LENGTH
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

## PUSHRODS

2-PACK UNIVERSAL	8-PACK	DIA.	LENGTH
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

## PERFORMANCE SERIES PUSHRODS .105 WALL



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



PART NO.	DIA.	LENGTH
<b>UNIVERSAL</b>		
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

PART NO.	DIA.	LENGTH
<b>UNIVERSAL</b>		
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 .135 WALL

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



PART NO.	DIA.	LENGTH
<b>UNIVERSAL</b>		
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
1353870-8	3/8	8.700
1353875-8	3/8	8.750
1353880-8	3/8	8.800

PART NO.	DIA.	LENGTH
<b>UNIVERSAL</b>		
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
135995-8	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





## .080" WALL PUSHROD APPLICATION CHART

PART NO.	APPLICATION	LENGTH	OVERALL LENGTH	TUBING DIAMETER
<b>CHEVY SMALL BLOCK V-8</b>				
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

PART NO.	APPLICATION	LENGTH	OVERALL LENGTH	TUBING DIAMETER
<b>CHEVY BIG BLOCK V-8</b>				
310828-8		Stock	8.280 Int.	3/8
310925-8	65-90, 396-502 heat treated		9.250 Exh.	
310833-8		+.050	8.330 Int.	3/8
310930-8	65-90, 396-502 heat treated		9.300 Exh.	
310838-8		+.100	8.380 Int.	3/8
310935-8	65-90, 396-502 heat treated		9.250 Exh.	
310845-8		+.200	8.450 Int.	3/8
310945-8	65-90, 396-502 heat treated		9.450 Exh.	
310850-8		+.250	8.500 Int.	3/8
310950-8	65-90, 396-502 heat treated		9.500 Exh.	
310868-8		+.400 STD	8.680 Int.	3/8
310965-8	65-90, 396-502 heat treated	Tall Deck	9.650 Exh.	
310878-8		+.500 STD	8.780 Int.	3/8
310975-8	65-90, 396-502 heat treated	Tall Deck	9.750 Exh.	
310780-8			7.800 Int.	3/8
310868-8	65-90, 396-502 w/retro hydraulic roller cam	---	8.680 Exh.	
310868-8		+.400	8.680 Int.	3/8
310965-8	66-90, 366-427 tall deck heat treated		9.650 Exh.	
310828-8		+.400	8.280 Int.	3/8
310905-8	66-90, 366-427 tall deck w/ retro hydraulic roller cam		9.050 Exh.	

PART NO.	APPLICATION	LENGTH	OVERALL LENGTH	TUBING DIAMETER
<b>FORD V-8</b>				
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





## 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	LENGTH	OVERALL LENGTH	TUBING DIAMETER
<b>CHEVY SMALL BLOCK V-8</b>				
210780-8	55-87, V8, 262 - 400 heat treated	Stock	7.800	5/16
210790-8	55-87, V8, 262 - 400 heat treated	+ .1000	7.900	5/16
250688-8	Chevy	---	6.880	5/16
250815-8	Chevy	---	8.150	5/16

<b>CHEVY BIG BLOCK V-8</b>				
220828-8	65-90, 396-502 heat treated	Stock	8.280 Int.	3/8
220925-8			9.250 Exh.	
220838-8	Chevy	---	8.380	3/8
220935-8	Chevy	---	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	LENGTH	OVERALL LENGTH	TUBING DIAMETER
<b>CHEVY SMALL BLOCK V-8</b>				
157818	55-87, V8, 262 - 400 heat treated	Stock	6.880	5/16
156905	Chevy	---	6.880	5/16
157918	Chevy	---	6.880	5/16

<b>CHEVY BIG BLOCK V-8</b>				
158249	65-90, 396-502 heat treated	Stock	8.280 Int.	3/8
159244-8			9.250 Exh.	

<b>FORD</b>				
156272	SBF .060 Wall, Black Oxide	---	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.\*



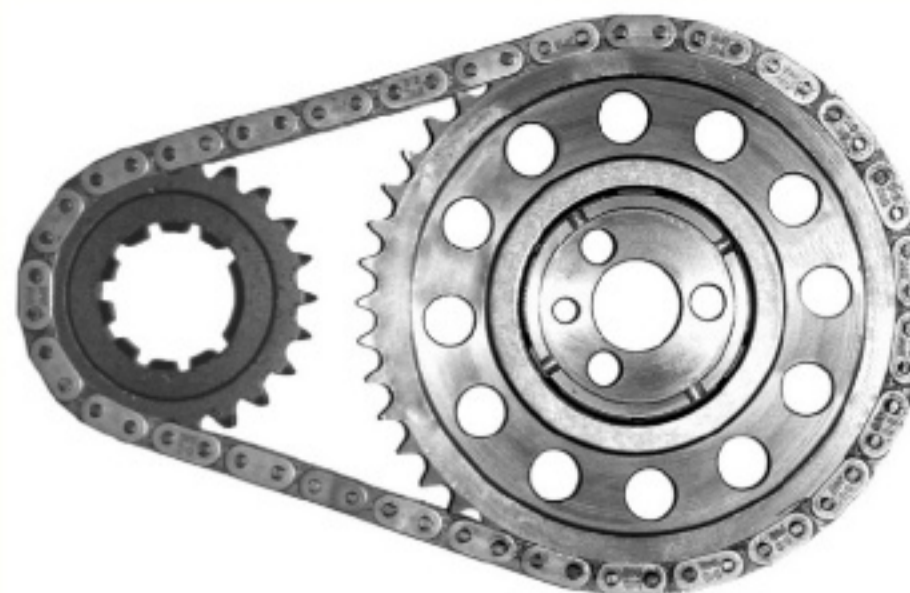
PART NO.	DESCRIPTION	STYLE	OVERALL LENGTH	TUBING DIAMETER
<b>CUMMINS</b>				
3201105-6	12 Valve Cummins	2-Piece	11.05	3/8
3201160-6	24 Valve Cummins	2-Piece	11.60	3/8
<b>POWERSTROKE</b>				
320983-8	6.0L Powerstroke	1-Piece	9.830	11/32
320979-8	6.4L Powerstroke	1-Piece	9.790	11/32
320970-16	6.7L Scorpion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



## PRO-BILLET SERIES



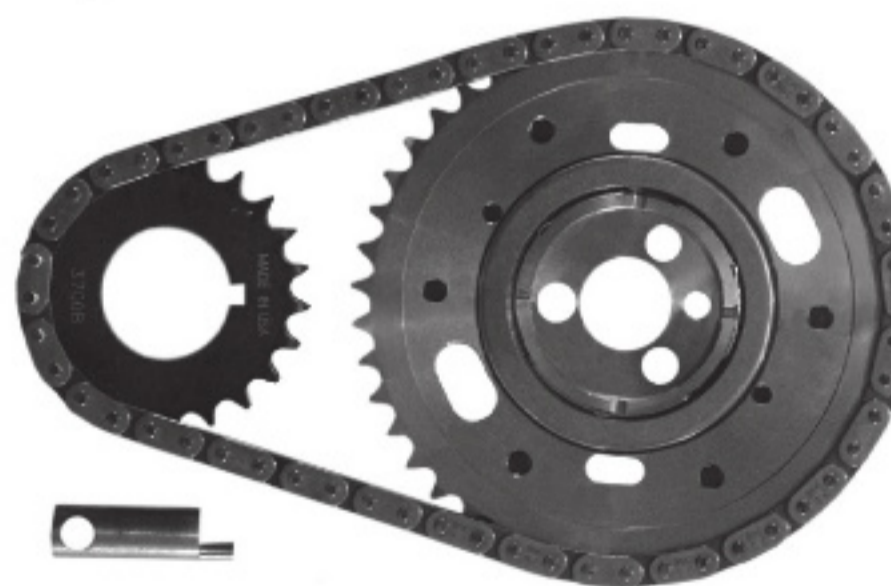
- Heat-treated crank gears
- Torrington bearings
- Surpasses OE design for strength & accuracy
- 9-keyway crank sprocket
- Pre-stretched double roller .250" chain (ROLON)
- Performance engineered teeth - Provides stable timing in high RPM applications.



PART NO.	APPLICATION	.005" UNDERSIZE	.010" UNDERSIZE	ROLON CHAIN
<b>CHEVY</b>				
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-60R
19055	SBC 84-02, with roller cam			3DR-58R
19335	SBC LS1 97-06			3DR-60R
19435	SBC LS2 03-07			3DR-60R
19535	SBC LS3 80-10, 6.0L-6.2L, 1-Bolt			3DR-60R
19665	SBC raised cam w/BBC crank snout			3DR-60R
19775	SBC 06-10, LS7 7.0L			3DR-60R
29635	SBC LS3 06-07, 6.0L/6.2L, 3-Bolt			3DR-60R
29735	BBC 96-00, Gen VI			3DR-66R
<b>FORD</b>				
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
<b>CHRYSLER</b>				
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
<b>PONTIAC/OLDSMOBILE</b>				
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.	APPLICATION
<b>CHEVY</b>	
10078	SB Chevy 55-96
10678	SB Chevy Rocket block w/ SBC crank snout
15000-5	SB Chevy 55-96, w/ Thrust bearing, -.005 CD
15678	BB Chevy, w/BBC crank snout
20178	BB Chevy 65-97

PART NO.	APPLICATION
<b>FORD</b>	
50278	SB Ford Early 63-71
51578	SB Ford Late 72-01
70378	BB Ford 72-87
<b>CHRYSLER</b>	
05078	HEMI 5.7-6.1L



## 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.	APPLICATION
<b>GM</b>	
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
<b>FORD</b>	
50800	SB Ford 302-351W
50803	SB Ford HO style
51218	Ford 351C-400M
58018	Ford 330-428
70800	BB Ford
<b>CHRYSLER</b>	
30800	SB Chrysler
40800	BB Chrysler - 1 Bolt
40801	BB Chrysler - 3 Bolt
<b>AMC</b>	
98118	AMC 290-401
<b>PONTIAC/OLDSMOBILE</b>	
90800	Pontiac
83118	Oldsmobile 260-455

# SERIOUS HORSEPOWER



## SPORTSMAN SERIES

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

PART NO.	APPLICATION
<b>CHEVY</b>	
10700	SB Chevy
20700	BB Chevy
<b>FORD</b>	
50700	SB Ford 302-351W
54013	SB Ford 63-71, 1-Piece fuel pump eccentric
50705	BB Ford
<b>CHRYSLER</b>	
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.	APPLICATION
<b>CHEVY</b>	
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.	APPLICATION
<b>CHEVY</b>	
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.	APPLICATION
<b>FORD</b>	
50900	Small Block Ford
50905	Big Block Ford 72-87, 429/460, with bronze washer
<b>CHRYSLER</b>	
25248	Big Block Chrysler, 3-Bolt

## TIMING COVERS

### 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
<b>CHEVY</b>	
130050	SBC, Stamped steel

### BB CHEVY TIMING COVER

- 33% Stronger than stock
- Stamped steel
- Unpainted



PART NO.	DESCRIPTION
<b>CHEVY</b>	
130080	BBC

### 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
<b>CHEVY</b>	
130052	SBC
130075	SBC, Embossed Engine Works logo

### 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
<b>CHEVY</b>	
130060	SBC, w/ Big Block crank snout

### 2-PIECE SB CHEVY TIMING COVER

- 2-Piece cover
- Gaskets included



PART NO.	DESCRIPTION
<b>CHEVY</b>	
130055	SBC, 2-Piece timing cover



### 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
<b>FORD</b>	
130250	SBF, 289-351W, 1968-80, Non EFI

**Same Day Shipping  
From Four  
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
<b>UNIVERSAL</b>	
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.

## TIMING POINTERS

PART NO.	25-PACK	APPLICATION
<b>CHEVY</b>		
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
<b>FORD</b>		
100302		302/351 Ford, Adjustable to damper size



## LONG BOLT SET

Long bolts set. For use with aluminum cover.



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
100356LB	Long bolt set



# OILING SYSTEMS

## 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\***.

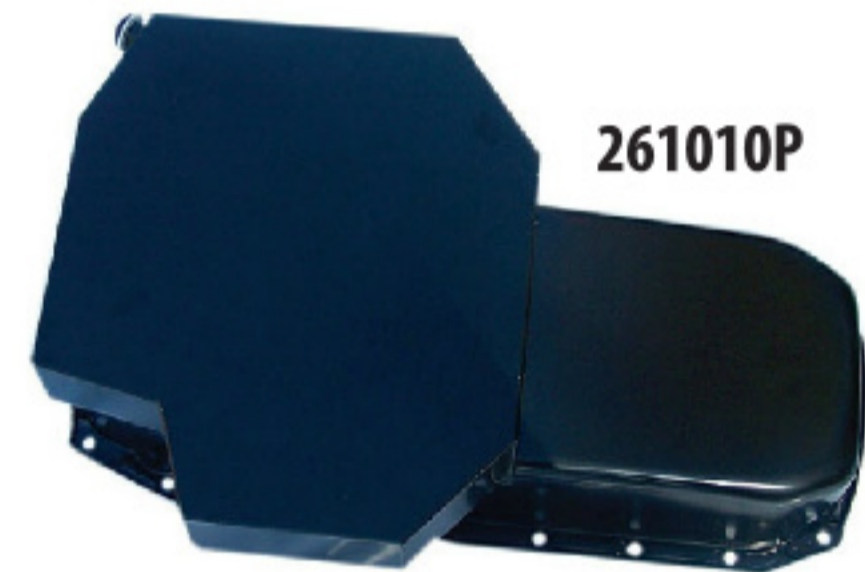
PART NO.	APPLICATION	DESCRIPTION
<b>CHEVY</b>		
266100	SB Chevy 55-79	Driver's Side Dipstick
266101	SB Chevy 55-79 Raw	Unpainted
266105	SB Chevy 86-Up, 1-Piece Rear Main Seal	Dipstick Both Sides
266200	BB Chevy 65-90	Dipstick Passenger Side
<b>FORD</b>		
266500	SB Ford 260 / 289 / 302W 65-78	Front Sump
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
<b>CHRYSLER</b>		
266300	Chrysler 64-87 273 / 318 / 340	Stock Capacity
266400	Chrysler 361 / 383 / 400 / 413 / 440 / HEMI 426	Stock Capacity
<b>PONTIAC</b>		
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
<b>CHEVY</b>						
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	7-1/2"	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.

## STANDARD / HIGH VOLUME VOLUME PICKUPS

For use with Engine Works racing oil pans.

PART NO.	APPLICATION
<b>CHEVY</b>	
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

267102



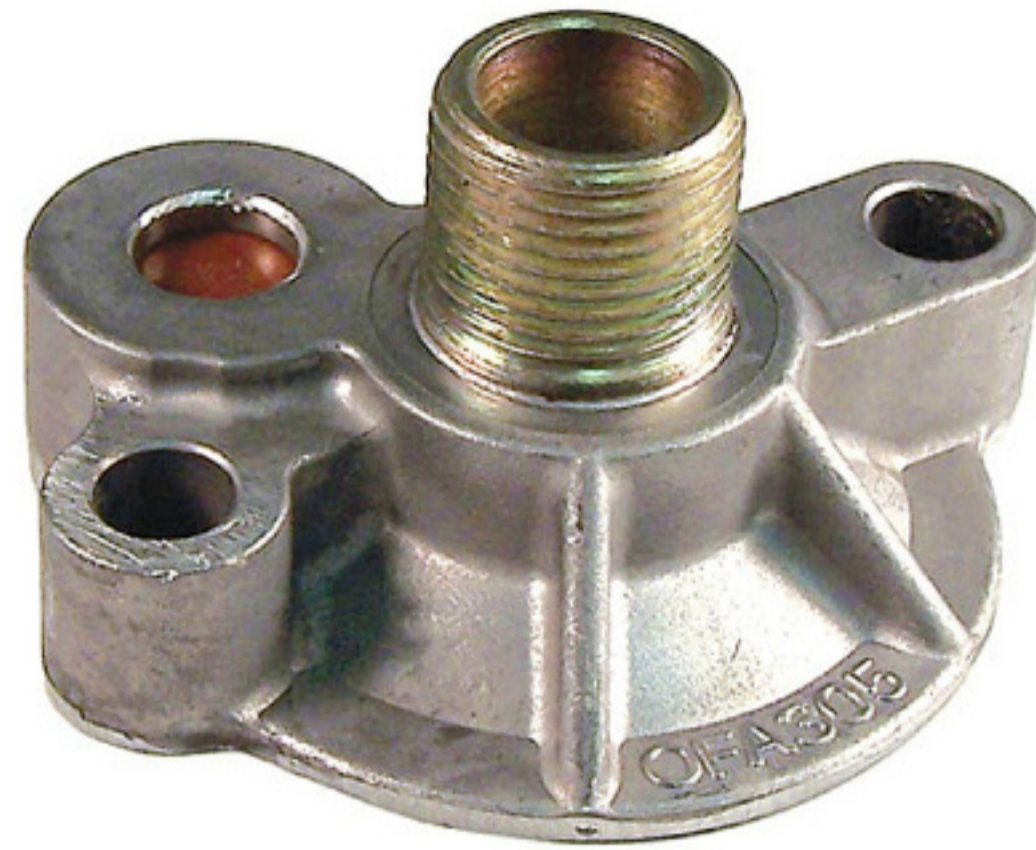
269730



## OIL FILTER ADAPTER



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



PART NO.	DESCRIPTION
<b>CHEVY</b>	
43500	Small Block/ Big Block Chevy engine oil filter adapter

## 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
<b>CHEVY</b>	
401155	Small Block Chevy OE pump drive
401177	Big Block Chevy OE pump drive

## OIL PUMP PRIMER



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
15007	Oil pump primer



## 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
<b>CHEVY</b>	
402000	Small Block & Big Block Chevy

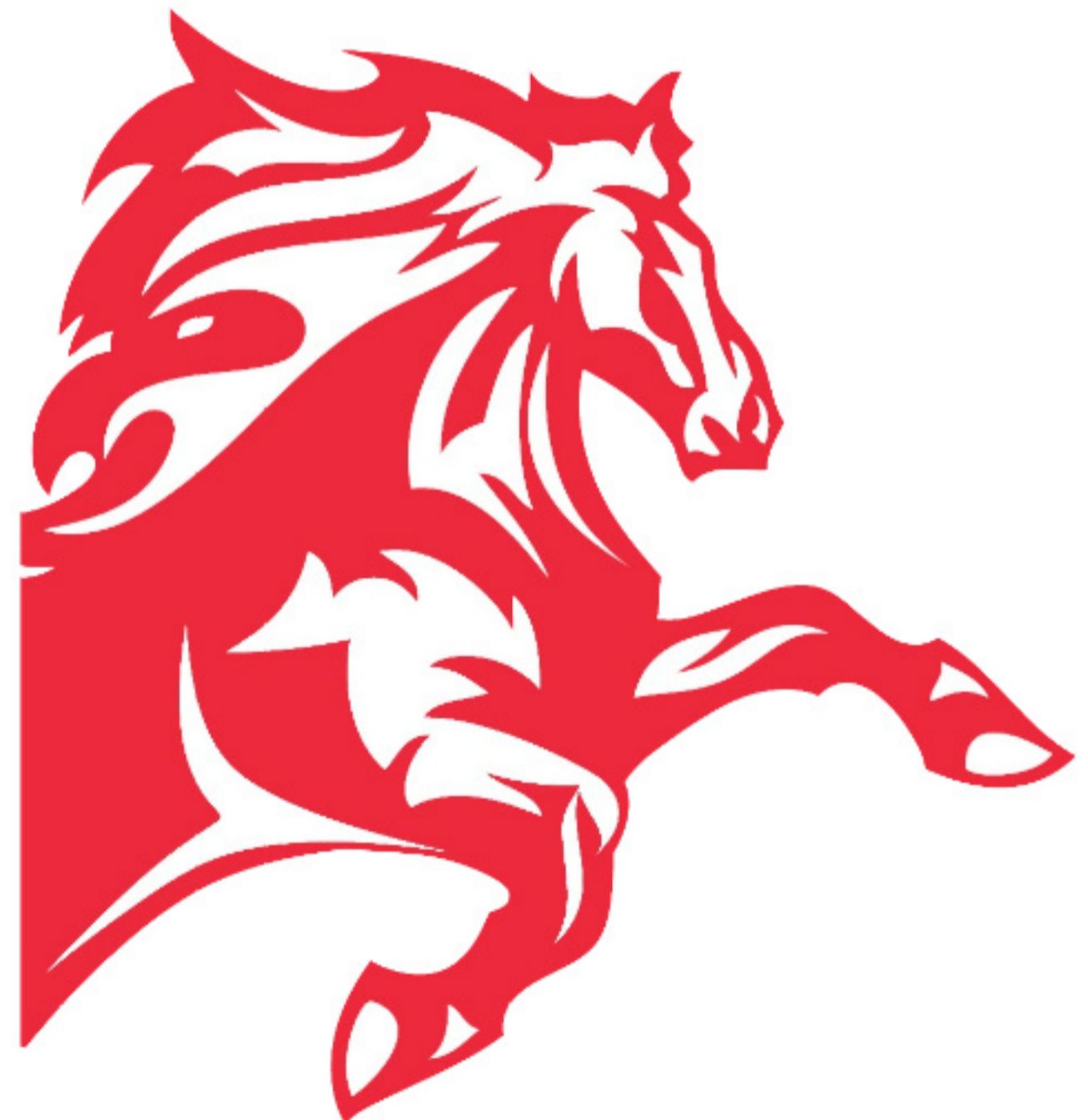


## LIFTER VALLEY VENTS

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
<b>CHEVY</b>	
403100	Universal Chevrolet



# SERIOUS HORSEPOWER



## GASKET APPLICATION CHART

ENGINE	YEARS	HEAD GASKET	INTAKE GASKET	EXHAUST GASKET	TIMING COVER SET INCL. FP & WP	OIL PAN GASKET	REAR MAIN	FRONT SEAL	T-STAT	VALVE COVER
<b>CHEVY</b>										
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	117350	118350	---
305-400	75-85	111350MLS 111350SS	122350	113350	114350	125350	116200 2-PC 116900 2-PC	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
<b>FORD</b>										
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
<b>CHRYSLER</b>										
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	333440	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
<b>PONTIAC/OLDSMOBILE</b>										
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

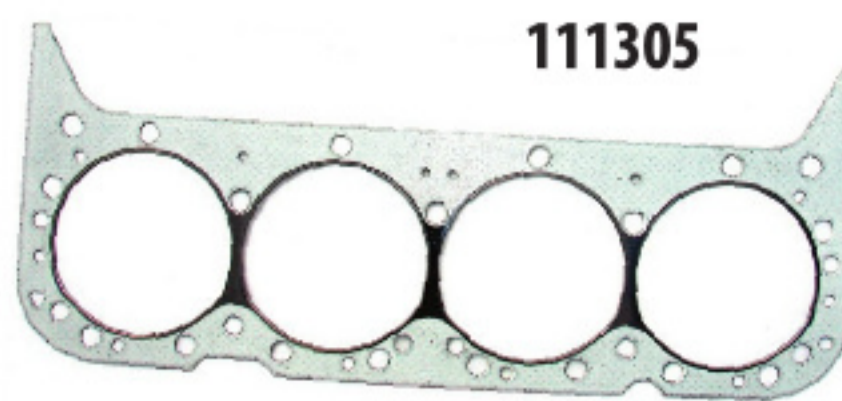




## HEAD GASKET SETS



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



111305



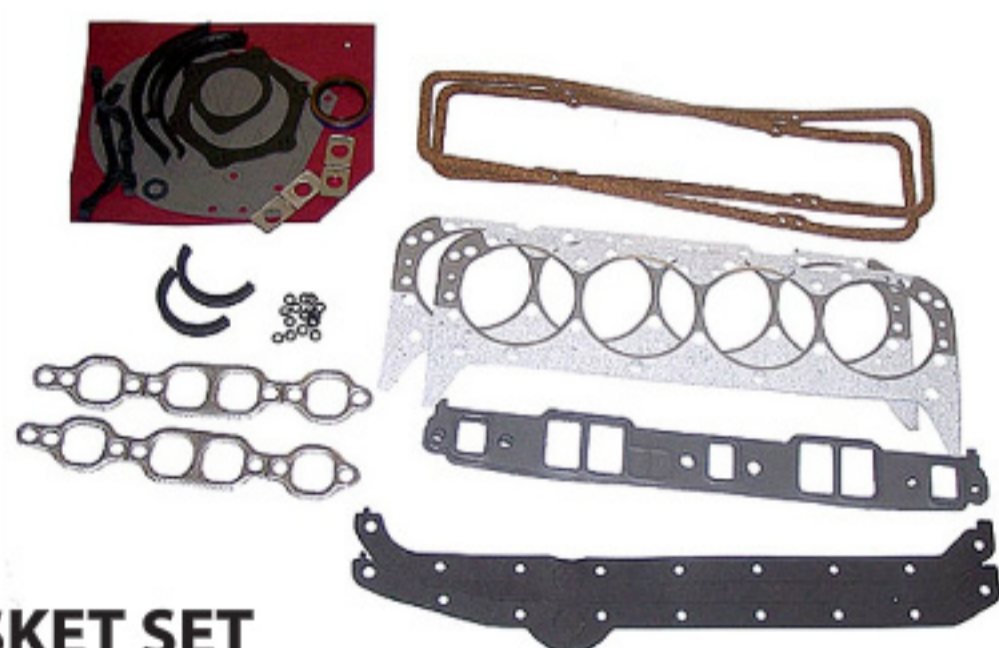
221302MLS

2-PACK	10-PACK	APPLICATION	YEAR	BORE	THICKNESS	MATERIAL
<b>CHEVY</b>						
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	4.202"	.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.
<b>FORD</b>						
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
<b>CHRYSLER</b>						
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
<b>PONTIAC/OLDSMOBILE</b>						
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
<b>CHEVY</b> 503508	SB Chevy, 350 Vortec



## VALVE COVER CORK GASKETS



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

## ENGINE WORKS 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	4.160"	.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 it's shape after torque.



## RUBBER VALVE COVER GASKETS



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

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"
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2-PACK	20-PACK	APPLICATION	MATERIAL
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### CHEVY

350RVC	350RVC-20	SBC, 265-400 Early	Rubber
454RVC	454RVC-20	BBC	Rubber

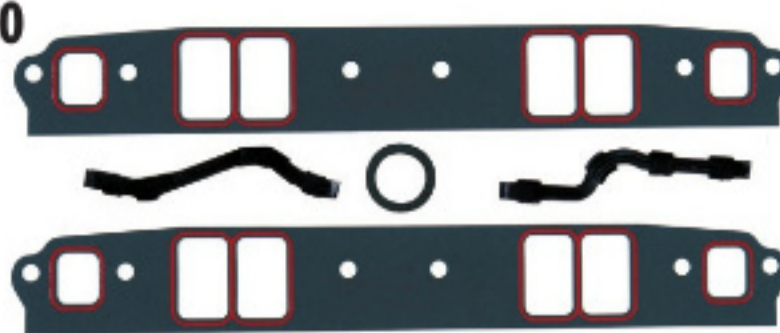
### FORD

302RVC	302RVC-20	SBF, 260-351W	Rubber
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## INTAKE GASKET SETS



112350



282429



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	MODEL	ENGINE	SIZE	FELPRO#
<b>CHEVY</b>						
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
<b>FORD</b>						
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
<b>CHRYSLER</b>						
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
<b>OLDSMOBILE</b>						
412455	---	Oldsmobile	1968-76	350-455	1.40" x 2.40"	1356

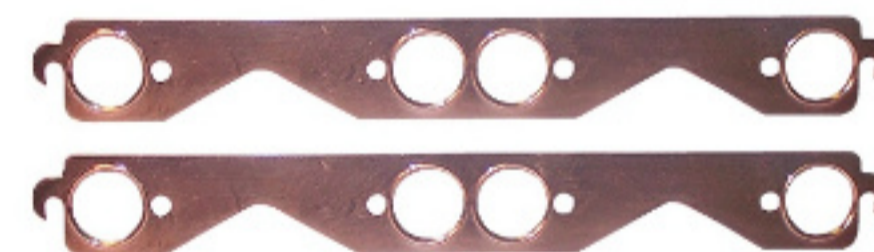
## EXHAUST GASKET SETS



273390



105424



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.

2-PACK	10-PACK	MAKE	MODEL	ENGINE	SIZE	PORT
<b>CHEVY</b>						
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 1.85"	Square
183502	183502-10	BBC	1991-00	454-502 GEN V-VI	1.90" x 1.85"	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
<b>FORD</b>						
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
<b>CHRYSLER</b>						
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
<b>OLDSMOBILE</b>						
413455	---	Oldsmobile	1968-76	350-455	1.92" x 1.55"	Rectangle

# GASKETS

## TIMING GASKET SETS

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



Made in USA



114350



224302



334440

EACH	10-PACK	MAKE	MODEL	ENGINE	SIZE
<b>CHEVY</b>					
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"
<b>FORD</b>					
224302	---	SBF	1962-95	221-302, 302EFI, 351W	.030"
274390	---	BBF	1966-71	390-428 FE	.030"
284429	---	BBF	1968-88	429, 460	.030"
<b>CHRYSLER</b>					
314318	---	SB Chrysler	1967-91	318 / 340 / 360	.030"
334440	---	BB Chrysler	1967-91	383-440	.030"
<b>OLDSMOBILE</b>					
414455	---	Oldsmobile	1968-76	455	.030"

\*175454-10 does not include Oil Seals.

## FRONT TIMING SEALS

Made with Nitrile and Polycrylate rubber.



Made in USA

PART NO.	APPLICATION	YEAR	DESCRIPTION
<b>CHEVY</b>			
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)
<b>FORD</b>			
217046	SBF	93-04	Ford 4.6L
227302	SBF/BBF	All	All except 4.6L
<b>CHRYSLER</b>			
317318	SB Chry/BB Chry	All	All V8 Applications
<b>OLDSMOBILE</b>			
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.



Made in USA

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

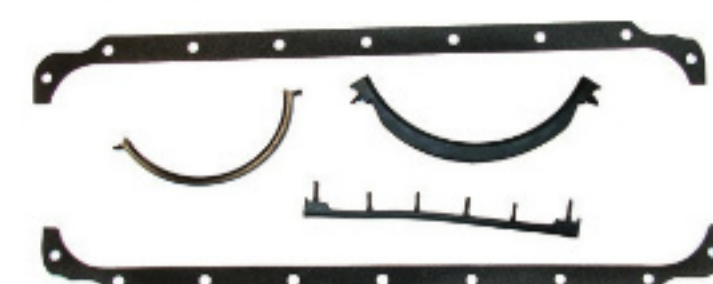
135350RRH



225302



315318

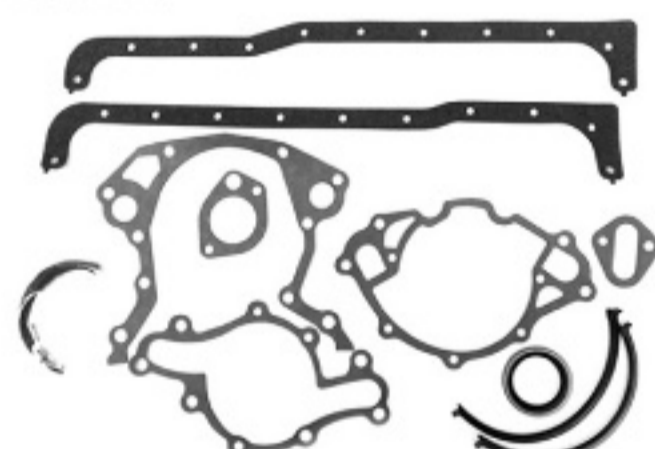


PART NO.	10-PACK	MAKE	MODEL	DESCRIPTION
<b>CHEVY</b>				
115350	115350-10	SBC	1959-74	283-400
115350RLH	115350RLH-10	SBC	1959-74	283-400, (1-Piece rubber)
125350	125350-10	SBC	1975-84	305-400
125350RRH	---	SBC	1975-84	305-400, (1-Piece rubber)
135350	135350-10	SBC	1985-02	305-350 EFI
135350RRH	---	SBC	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)
<b>FORD</b>				
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
<b>CHRYSLER</b>				
315318	---	SB Chry	1967-91	318
335440	---	BB Chry	1959-78	383-440
<b>OLDSMOBILE</b>				
415455	---	Oldsmobile	1968-76	455

110100



250100



## BOTTOM END GASKET KITS

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



PART NO.	DESCRIPTION
<b>CHEVY</b>	
110100	SB Chevy
170100	BB Chevy, Gen IV
<b>FORD</b>	
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
<b>UNIVERSAL</b>	
103250	2.5" Copper collector gasket, Each
103300	3.0" Copper collector gasket, Pair

## COLLECTOR GASKET



Replacement gaskets available in original and extra thick.



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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
<b>CHEVY</b>			
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
<b>FORD</b>			
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
<b>CHRYSLER</b>			
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
<b>OLDSMOBILE</b>			
416455	Oldsmobile	1968-76	455



## HIGH TENSILE STRENGTH HEAD BOLT KITS



PART NO.	DESCRIPTION
<b>CHEVY</b>	
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, 190,000 PSI
<b>FORD</b>	
17201	SB Ford, 170,000 PSI
17201HP	SB Ford 302, 190,000 PSI
<b>CHRYSLER</b>	
17120HP	HEMI 5.7, 190,000 PSI



## 12-POINT INTAKE BOLTS



PART NO.	TYPE	FINISH	SIZE	QTY	DESCRIPTION
<b>CHEVY</b>					
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



## STAINLESS INTAKE BOLT SETS



PART NO.	DESCRIPTION
<b>CHEVY</b>	
17506	SB Chevy, Allen head
17516	BB Chevy, Allen head



## 12 PT FLANGE NUTS

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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



## TIMING COVER STUD SET



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

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
130051	Timing cover stud set



## CARBURETOR STUD KITS



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

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



# FASTENERS

## 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

## 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

## 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.

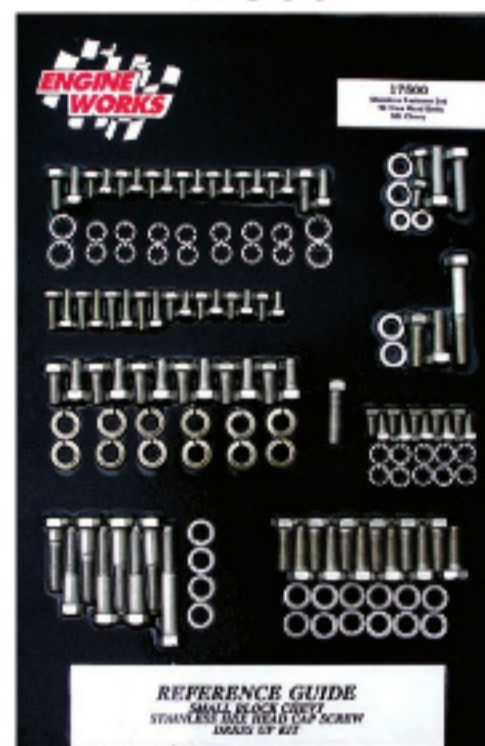


### PART NO. DESCRIPTION

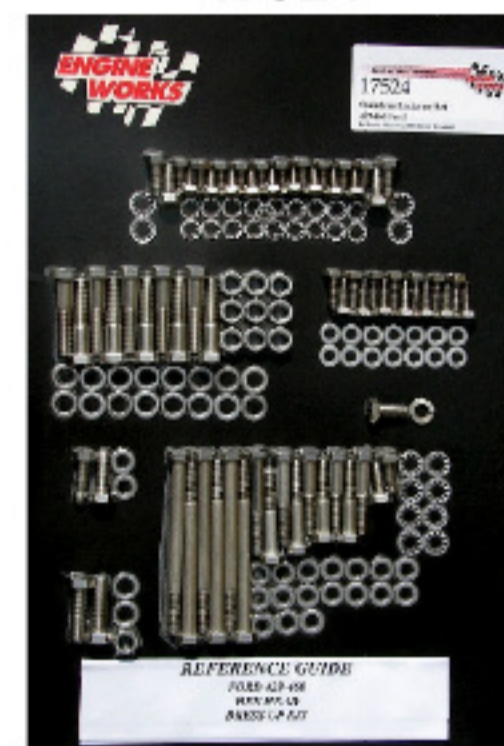
#### UNIVERSAL

- 73035 1/4" dia. x 3/4" long - Pack of 35

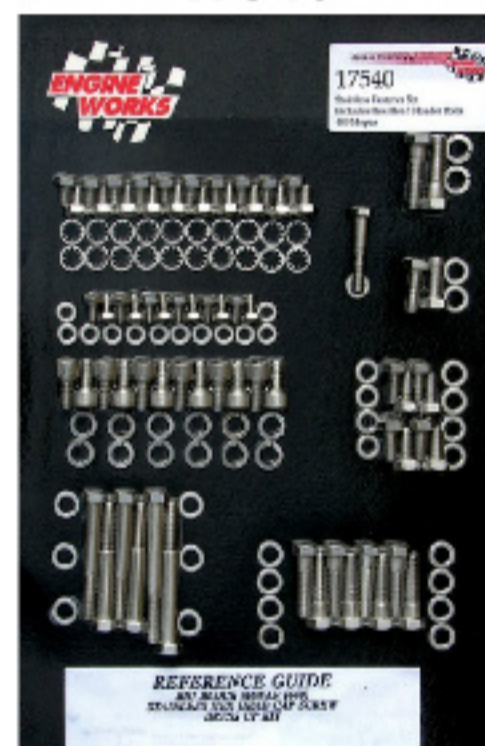
### 17500



### 17524



### 17540



### 17530



## 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





## 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
<b>UNIVERSAL</b>	
18000	Manual rivet gun (Red)

## POP RIVET BACKUP WASHERS



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

## ALUMINUM POP RIVETS



Packs of 250



PART NO.	BODY x HEAD	COLOR	GRIP
<b>SMALL HEAD</b>			
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"

<b>LARGE HEAD</b>			
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
<b>SMALL HEAD</b>					
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	
<b>UNIVERSAL</b>				
500400	400400	501400	401400	04
500600	400600	501600	401600	06
500800	400800	501800	401800	08

## 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
<b>UNIVERSAL</b>	
560200	AN wrench set, includes sizes 4 to 12



## ALUMINUM AN FITTINGS

RED/BLUE

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



## ALUMINUM AN FITTINGS

BLACK

STRAIGHT	45°	90°	HOSE SIZE
<b>UNIVERSAL</b>			
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

RED/BLUE



STRAIGHT	90°	AN SIZE	TO INCHES
<b>UNIVERSAL</b>			
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"

## AN TO PIPE ADAPTER FITTINGS - MALE

BLACK



STRAIGHT	90°	AN SIZE	TO INCHES
<b>UNIVERSAL</b>			
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"

## ALLEN SOCKET PIPE PLUGS



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

## NYLON WASHERS

Use with bulkhead fittings.



2-PACK	10-PACK	SIZE
<b>UNIVERSAL</b>		
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
<b>UNIVERSAL</b>		
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
<b>UNIVERSAL</b>		
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
<b>UNIVERSAL</b>		
510406	6'	04
510420	20'	04
510606	6'	06
510620	20'	06
526000	100'	06
510806	6'	08
510820	20'	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, extended fuels. Made for high pressure pumps. Do NOT use with cutter style fittings. -30°F to 275°F.



PART NO.	LENGTH	AN SIZE
<b>UNIVERSAL</b>		
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
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.



BLACK	BLUE	LENGTH	AN SIZE
<b>UNIVERSAL</b>			
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



## STAINLESS BRAID TEFLON HOSE (91 SERIES)

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



BLACK	LENGTH	AN SIZE
<b>UNIVERSAL</b>		
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

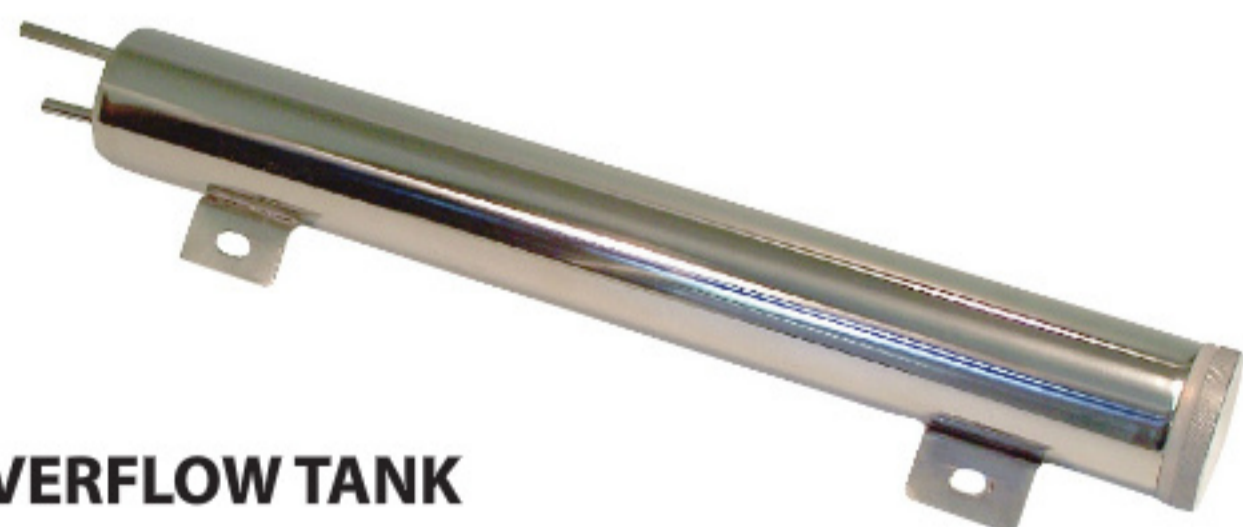


## ALUMINUM FUEL LINE TUBING

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
<b>UNIVERSAL</b>	
52038	3/8" Diameter
52012	1/2" Diameter
52058	5/8" Diameter



## 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
<b>UNIVERSAL</b>	
70515	Polished stainless, 2" x 15"



## HIGH PERFORMANCE WATER PUMPS

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

PART NO.	DESCRIPTION
<b>CHEVY</b>	
41034	SB Chevy - Short
41035	SB Chevy - Long



## BILLET WATER BYPASS

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



## 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
<b>UNIVERSAL</b>	
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

## ELECTRIC FANS & OIL COOLERS



### PLASTIC FLEX FANS

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



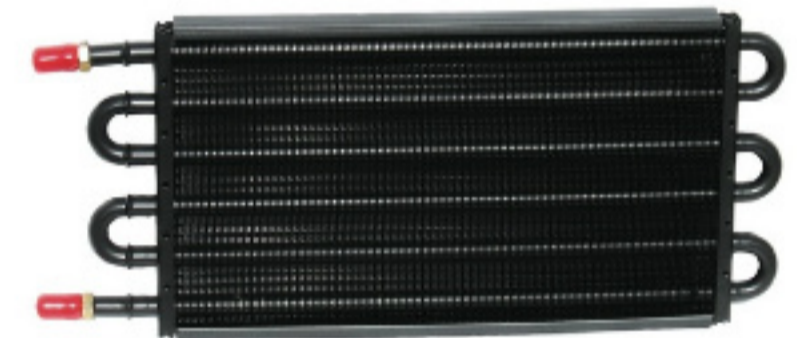
PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
13816	16"
13817	17"
13818	18"

## HIGH PERFORMANCE OIL COOLER

PART NO.	TYPE	DIMENSIONS	GVW	CORE	INLET	INLET DISTANCE
<b>UNIVERSAL</b>						



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"



## 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.	SIZE	INLET	CFM	DEPTH	ADAPTERS
<b>UNIVERSAL</b>					
13750	12-3/4" x 9-3/8"	6AN	500	4-5/16"	6AN x 3/8" barb
15850	13-3/4" x 9-3/8"	8AN	500	4-5/16"	8AN x 1/2" barb



## 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
<b>UNIVERSAL</b>	
550550	Radiator cap w/ aluminum cover, Polished
560550	Radiator cap w/ aluminum cover, Black anodized
41100	Radiator cap, 20 psi

## HIGH PERFORMANCE THERMOSTATS



PART NO.	DEGREE	APP
<b>GM</b>		
41160	160°	GM
41180	180°	GM/Ford/AMC
41195	195°	GM/Ford/AMC
<b>FORD</b>		
42160	160°	Ford
<b>MOPAR</b>		
43160	160°	Mopar
43180	180°	Mopar



# CHASSIS & TRANSMISSION



## 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



- 04AN 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"





## 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
<b>CHEVY</b>	
12700	SB Chevy
12701	BB Chevy
<b>FORD</b>	
12703	Ford 302/351W



## MID-MOUNT MOTOR PLATES

PART NO.	DESCRIPTION
<b>CHEVY</b>	
12702	Chevy, .090" Thick, Aluminum
<b>FORD</b>	
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
<b>UNIVERSAL</b>	
12710	Coilover housing brackets



## UNIVERSAL JOINTS

PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
71610	5/8", 26-Spline
71612	3/4", Smooth



## LADDER BAR 2" X 3"



## CROSSMEMBER BRACKETS

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



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
12730	Coilover shock mount kit

## COILOVER SPANNER WRENCH



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



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
15085	Coilover spanner wrench

## STEERING QUICK DISCONNECT



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



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
71616	Steering quick disconnect



# CHASSIS & TRANSMISSION

## 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.



PART NO.	HAND	PART NO.	HAND	THREAD	HOLE DIA.	TYPE	RADIAL LOAD
<b>MALE ROD ENDS</b>							
CM3KIT	Right	CML3KIT	Left	10-32	3/16"	2pc Mild Steel	1,204 lbs
CM4KIT	Right	CML4KIT	Left	1/4-28	1/4"	2pc Mild Steel	2,212 lbs
CM6KIT	Right	CML6KIT	Left	3/8-24	3/8"	2pc Mild Steel	5,068 lbs
CM8KIT	Right	CML8KIT	Left	1/2-20	1/2"	2pc Mild Steel	8,338 lbs
CM10KIT	Right	CML10KIT	Left	5/8-18	5/8"	2pc Mild Steel	9,713 lbs
CM12KIT	Right	CML12KIT	Left	3/4-16	3/4"	2pc Mild Steel	14,207 lbs
JMX6KIT	Right	JMXL6KIT	Left	3/8-24	3/8"	3pc Steel Alloy	9,550 lbs
JMX8KIT	Right	JMXL8KIT	Left	1/2-20	1/2"	3pc Steel Alloy	16,242 lbs
JMX10KIT	Right	JMXL10KIT	Left	5/8-18	5/8"	3pc Steel Alloy	17,959 lbs
JMX12KIT	Right	JMXL12KIT	Left	3/4-16	3/4"	3pc Steel Alloy	28,090 lbs
RSMX10KIT	Right	RSMXL10KIT	Left	3/4-16	5/8"	3pc HD Steel	40,590 lbs
<b>FEMALE ROD ENDS</b>							
CF3KIT	Right	CFL3KIT	Left	10-32	3/16"	2pc Mild Steel	2,100 lbs
CF4KIT	Right	CFL4KIT	Left	1/4-28	1/4-28	2pc Mild Steel	3,250 lbs
CF6KIT	Right	CFL6KIT	Left	3/8-24	3/8-24	2pc Mild Steel	5,100 lbs
CF8KIT	Right	CFL8KIT	Left	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
<b>GM</b>					
500000	11"	GM TH350	10 1/2"	2200-2600 RPM	---
500001	10"	GM TH350	10 1/2"	2700-3000 RPM	---
500002	12"	GM TH350	10 1/2"	2000-2200 RPM	---
500003	10"	GM TH350	10 1/2"	3200-3500 RPM	---
500004	10"	GM TH350	10 1/2"	3500+ RPM	---
<b>FORD</b>					
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
<b>CHRYSLER</b>					
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.

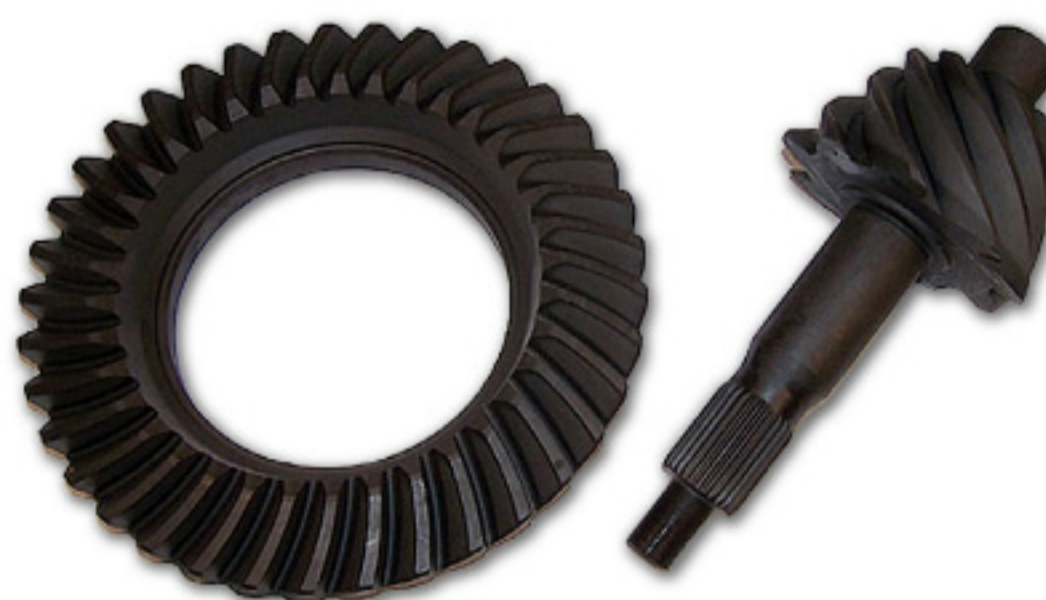


PART NO.	DIAMETER	TYPE	STALL	ANTI-BALLOON
<b>GM</b>				
700000	10"	GM	2500-2900 RPM	YES
700001	10"	GM	2900-3300 RPM	YES
700002	10"	GM	3300-3700 RPM	YES
700003	10"	GM	3700-4100 RPM	YES
700004	10"	GM	4100-4500 RPM	YES

## 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
<b>FORD</b>		
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
<b>GM</b>		
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.	APPLICATION
<b>GM</b>	
400308	GM 10-Bolt, 7.5 / 7.625", OEM
400310	GM 10-Bolt, 8.5"
400316	GM 12-Bolt, 8.875", Truck
<b>FORD</b>	
400305	Ford, 8.8"
400306	Ford, 9", 2.891" Bearing
403062	Ford SFI flywheel, 9", 3.062" Bearing



# CHASSIS & TRANSMISSION

## 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 maximum 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

## 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.

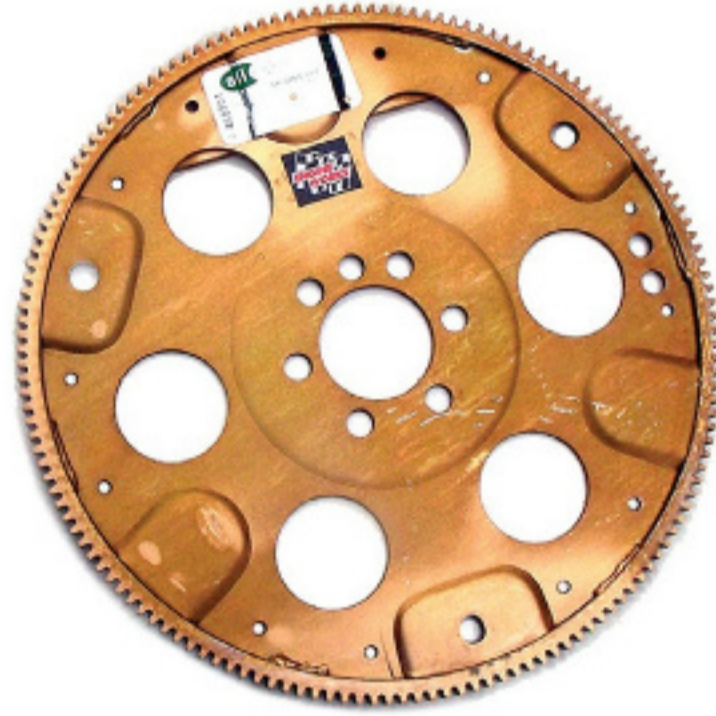


### PART NO. DESCRIPTION

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

## SFI APPROVED FLEXPLATES

Exceeds spec 29.1.



## 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

## FLEXPLATES

EW SFI	EW PRO SFI	TYPE	STYLE	TEETH	BALANCE
CHEVY					
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
---	850168L	SBC Late Model	1-Piece	168	Internal
400168	800168	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





## SFI FLYWHEELS

Precision machined 1045 billet steel.

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



## BALANCE PLATE

Converts 350 to 400 Chevy flywheel.

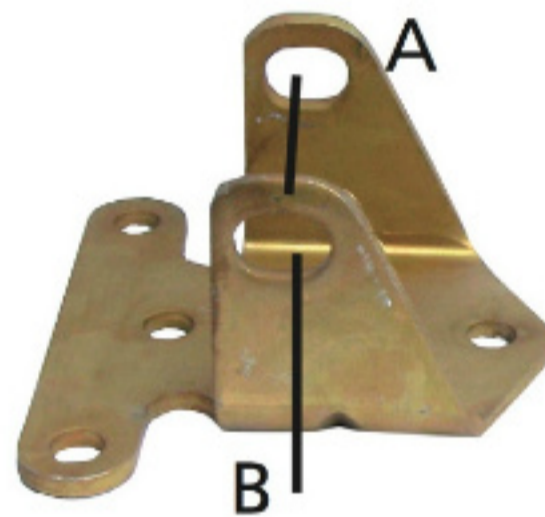


PART NO.	DESCRIPTION
<b>CHEVY</b>	
300999	Balance plate, OE spec steel



## MOTOR MOUNTS

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



PART NO.	INTERCHANGE	MATERIAL	A	B
<b>GM</b>				
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
<b>GM</b>	
12615	Accepts Powerglide, TH350, TH400, Borg Warner, Muncie, Saginaw, Chrysler, and Doug Nash

## 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
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
37000	Universal 4-speed shifter



## BELLHOUSING DOWEL PINS



PART NO.	DESCRIPTION
<b>CHEVY</b>	
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

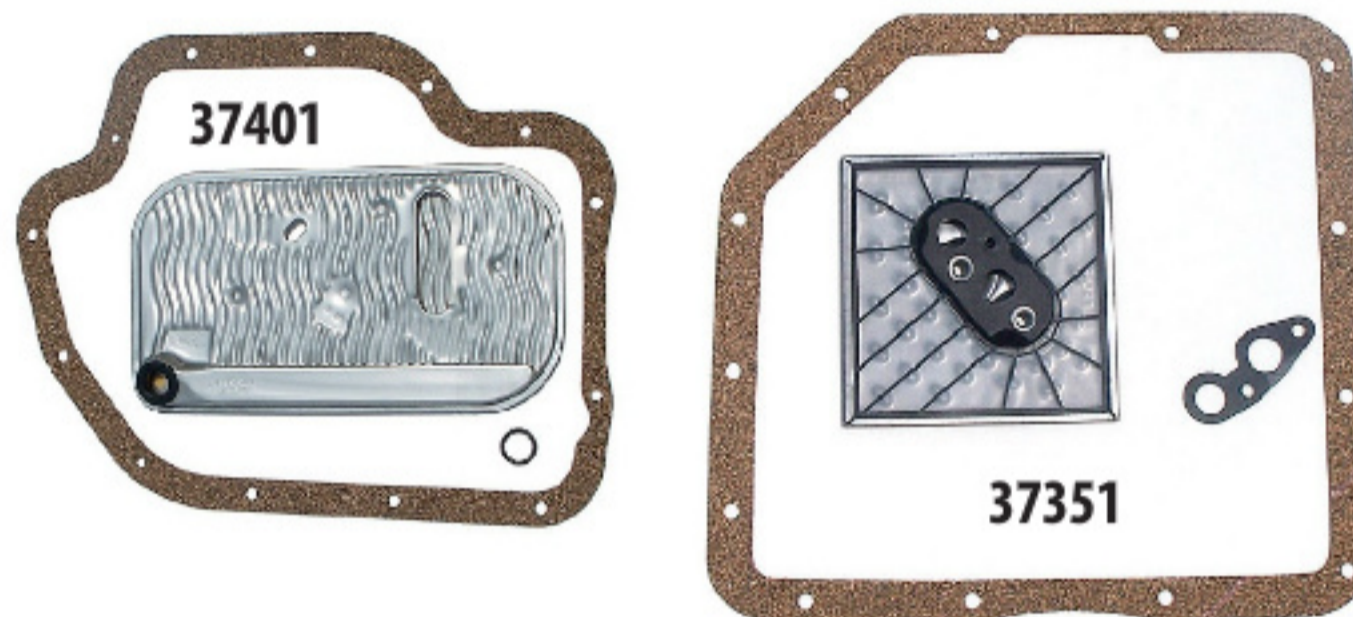


Each kit includes a quality filter and pan gasket.

### PART NO. DESCRIPTION

**GM**

37208	Powerglide
37351	Turbo 350
37401	Turbo 400
37701	Turbo 700



## 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
37209R	Powerglide overhaul gasket set, Racing series
37210	Powerglide master overhaul kit
37350	Turbo 350 master overhaul kit
37400	Turbo 400 master overhaul kit
37700	Turbo 700 master overhaul kit

## BAND ADJUSTMENT PIN



### PART NO. DESCRIPTION

**GM**

37222	Powerglide band adjustment pin
-------	--------------------------------



## CLUTCH SPRING SET



### PART NO. DESCRIPTION

**UNIVERSAL**

37250	Clutch spring set - 17pk., reverse w/retainer
37251	Clutch return spring, -24pk., direct



## UNIVERSAL POWERGLIDE SHIFT LEVER

Convenient way to install aftermarket shifters on Powerglide transmissions.



### PART NO. DESCRIPTION

**GM**

37218	Competition shift lever
-------	-------------------------



## 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



## 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
----------	-------------

<b>GM</b>	
37257	Powderglide bushings & washers



## "WEDDING BAND" SUN GEAR BUSHING

Restores alignment between the sun gear and input shaft.



PART NO.	DESCRIPTION
----------	-------------

<b>GM</b>	
37256	Powderglide, sun gear bushing

## POWERGLIDE SFI CASE



PART NO.	DESCRIPTION
----------	-------------

<b>GM</b>	
37270	Powderglide SFI case

## POWERGLIDE TAIL HOUSING



PART NO.	DESCRIPTION
----------	-------------

<b>GM</b>	
37257	Powderglide roller tail housing

## POWERGLIDE SHORTY HOUSING W/ BUSHING



PART NO.	DESCRIPTION
----------	-------------

<b>GM</b>	
37272	Aluminum shorty housing w/ bushing

## POWERGLIDE SHORTY HOUSING W/ BEARING



PART NO.	DESCRIPTION
----------	-------------

<b>GM</b>	
37273	Aluminum shorty housing w/ bearing

## POWERGLIDE HARDENED YOKE



PART NO.	DESCRIPTION
----------	-------------

<b>GM</b>	
37274	Hardened yoke for bearing

## POWERGLIDE OVERFLOW TANK



PART NO.	DESCRIPTION
----------	-------------

<b>GM</b>	
37275	Powderglide overflow tank

## POWERGLIDE SFI SHIELD



PART NO.	DESCRIPTION
----------	-------------

<b>GM</b>	
37280	SFI black shield w/ hardware

## POWERGLIDE SFI FLEXPLATE SHIELD



PART NO.	DESCRIPTION
----------	-------------

<b>GM</b>	
37280	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
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## 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 TRANS-BRAKE 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
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## 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

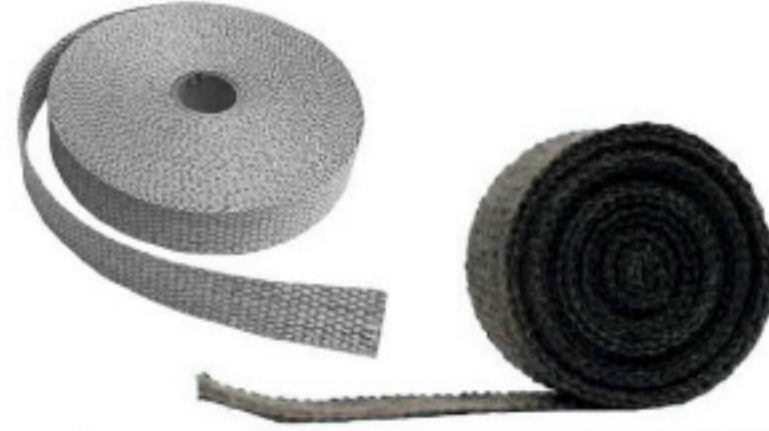
**GM**

37310	Speedo plug
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## HEADER WRAP

Reduces underhose temps.



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
16310	1" x 50 ft, Silver
16310B	1" x 50 ft, Black
16320	2" x 50 ft, Silver
16320B	2" x 50 ft, Black
16320HM	2" x 50 ft, Heavy Metal



## HEADER WRAP TIES

Stainless steel



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
16325	8" Header ties
16326	14" Header ties

## ELECTRIC EXHAUST CUTOUT

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



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
80300	3" Single electric exhaust cutout

## 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.



80301



80302

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

## RACING OIL BREATHERS

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

27308



27516



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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

27309



27517



# EXHAUST & GAUGES

## HEADER TETHER KITS Made in USA

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 Made in USA

### 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"



## COLLECTOR TUBE CLAMP KITS Made in USA

### 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"



Without Aluminum Bracket Upgrade



With Aluminum Bracket Upgrade  
PART # 990003







## 2-5/8" MECHANICAL GAUGES

BLACK	WHITE	DESCRIPTION
<b>UNIVERSAL</b>		
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
<b>UNIVERSAL</b>	
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

PART NO.	TYPE	STYLE	PSI
<b>UNIVERSAL</b>			
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

52011



52002



## 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
<b>UNIVERSAL</b>	
41120	0-250° Temperature gauge





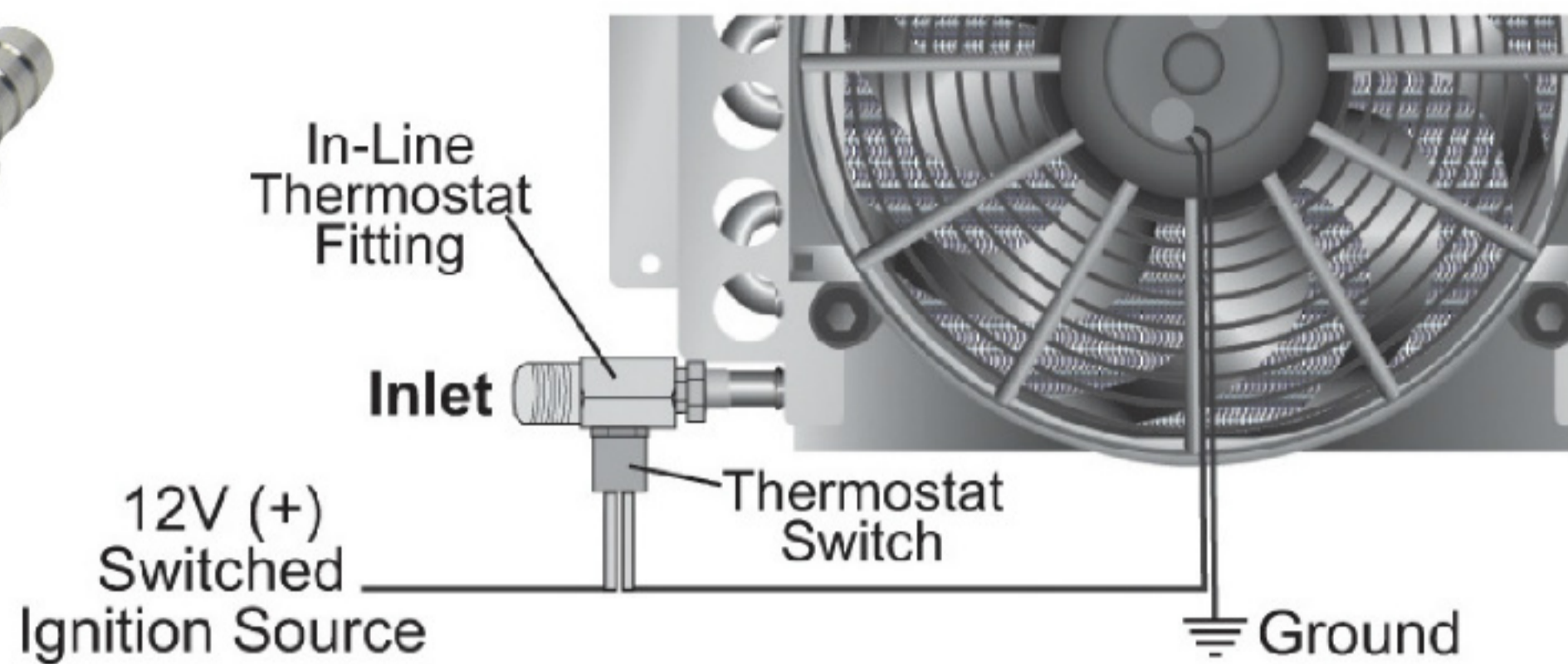
## IN-LINE REMOTE COOLER FAN CONTROL THERMOSTAT

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

**PART NO. DESCRIPTION**

**UNIVERSAL**

13766	-6AN
13788	-8AN



For illustrative purposes only.  
Actual part may differ.

## 5" MEMORY TACHOMETERS

**PART NO. DESCRIPTION**

**UNIVERSAL**

7901BSL	5" Memory tach. w/ shift light, Black
7901B	5" Memory tach.
7901WSL	5" Memory tach. w/ shift light, White
7901W	5" Memory tach.



**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



## 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
<b>UNIVERSAL</b>	
15006	Stretch gauge

## ROD VISE

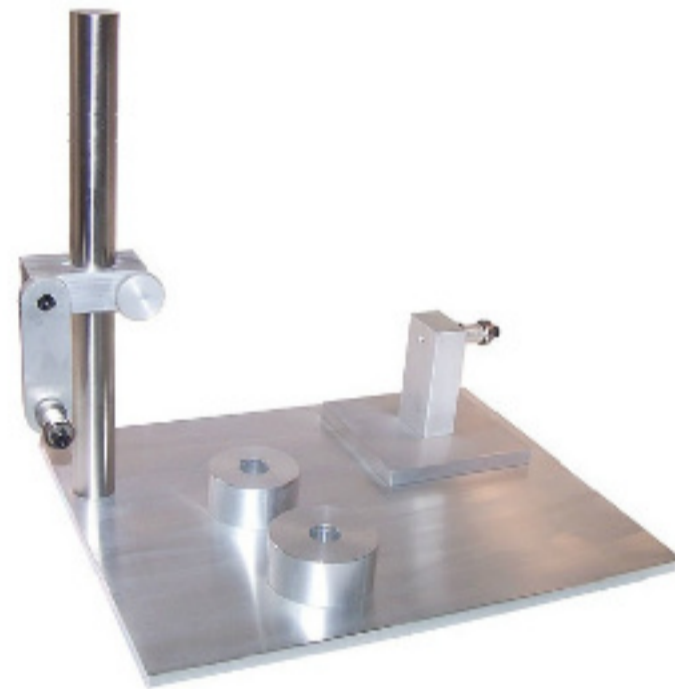
Hard anodized billet aluminum fixture designed to secure connecting rods safely for rod service.



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
15055	Digital scale

## TOP DEAD CENTER PISTON STOP



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
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
<b>UNIVERSAL</b>	
15062	Spark plug thread chaser

## DECK BRIDGES

Deck bridges go over cylinder bores to 4.500" to check piston to deck clearance. Dial indicator not included.



PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
15058	Magnetic deck bridge
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.

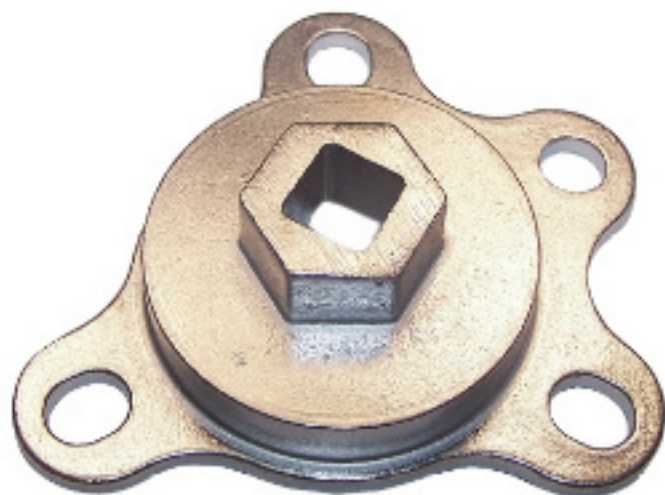


PART NO.	DESCRIPTION
<b>UNIVERSAL</b>	
15022	Rocker stud remover



## 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  
 15040 Electric ring filer



## 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
----------	-------------

<b>UNIVERSAL</b>	
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
----------	-------------

<b>UNIVERSAL</b>	
15019	Heavy duty spring tester - 700 lb.

## VALVE SPRING COMPRESSORS



PART NO.	DESCRIPTION
----------	-------------

<b>UNIVERSAL</b>	
15025	12" Long handle
15029	Heavy duty valve spring compressor

## VALVE HEIGHT CHECK SPRINGS

Low tension springs.  
Package of 2.



PART NO.	DESCRIPTION
----------	-------------

<b>UNIVERSAL</b>	
15026	Valve height check springs

## VALVE LASH WRENCH SET

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

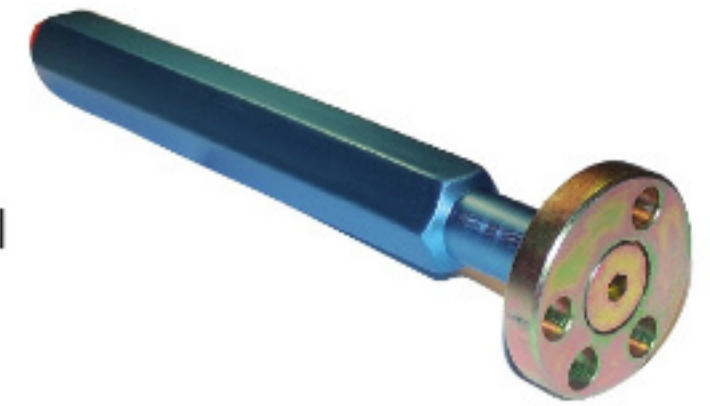


PART NO.	DESCRIPTION
----------	-------------

<b>UNIVERSAL</b>	
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
----------	-------------

<b>UNIVERSAL</b>	
15016	Cam installation handle

## CAM BEARING INSTALLATION TOOL

Accurately install cam bearings without bearing damage or misalignment.



PART NO.	DESCRIPTION
----------	-------------

<b>UNIVERSAL</b>	
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
----------	-------------

<b>UNIVERSAL</b>	
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
----------	-------------

<b>UNIVERSAL</b>	
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
----------	-------------

<b>CHEVY</b>	
15010	Small Block Chevy
15011	Big Block Chevy
<b>FORD</b>	
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



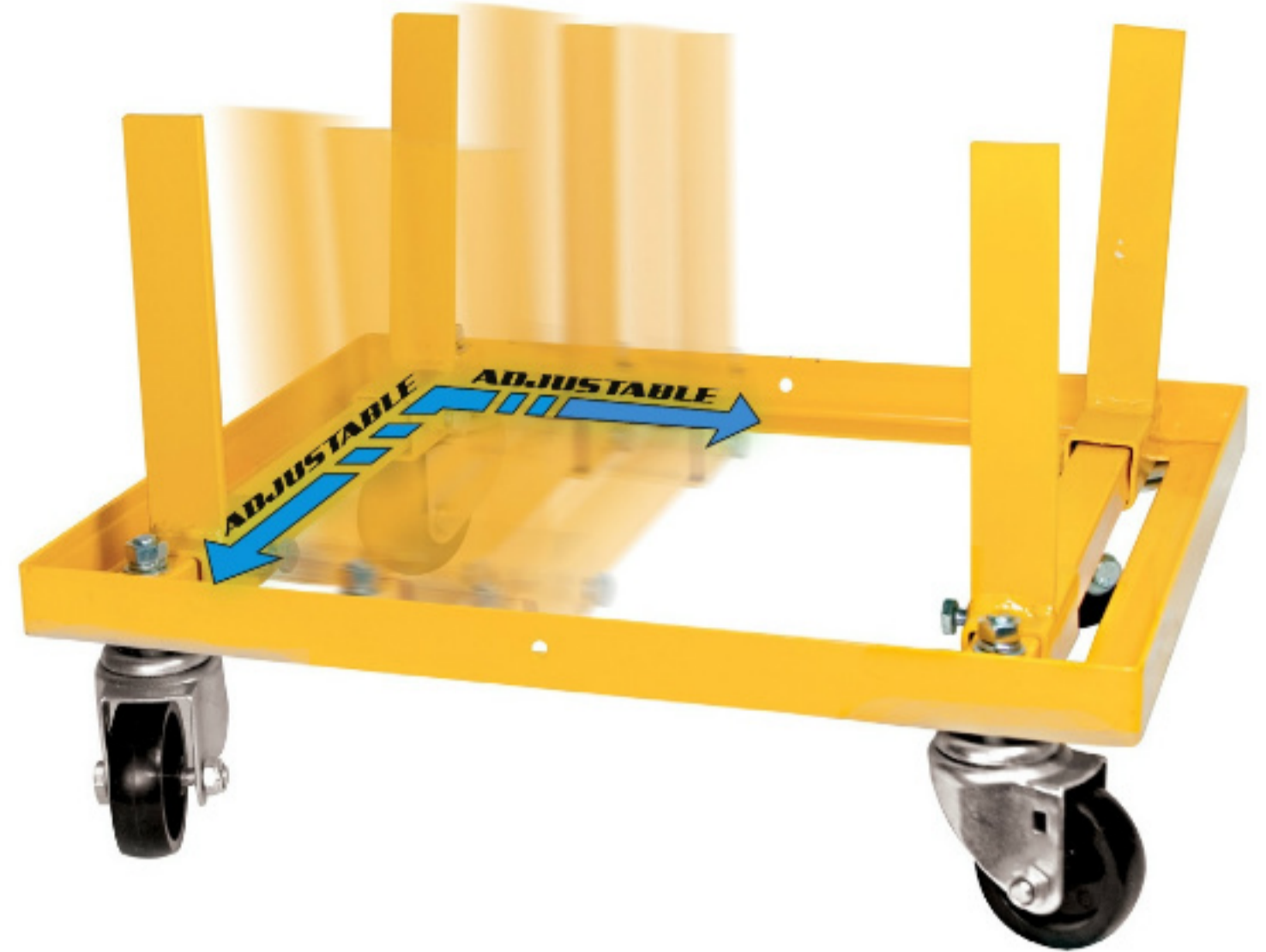
**PART NO. DESCRIPTION**

UNIVERSAL	
W80510	Flywheel turning tool



## 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
----------	-------------

<b>UNIVERSAL</b>	
------------------	--

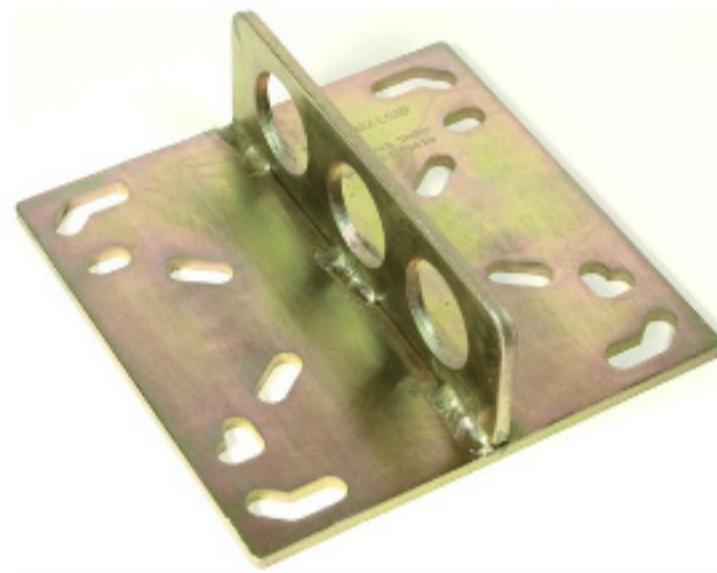
<b>W41037</b>	Heavy duty rolling engine cradle w/ 3" casters
---------------	--

<b>CHEVY</b>	
--------------	--

<b>15076</b>	Engine cradle, no wheels - Chevy V8
--------------	-------------------------------------

## ENGINE LIFT PLATE

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



PART NO.	DESCRIPTION
----------	-------------

<b>UNIVERSAL</b>	
------------------	--

<b>W41034</b>	Engine lift plate
---------------	-------------------

## COILOVER SPANNER WRENCH



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



PART NO.	DESCRIPTION
----------	-------------

<b>UNIVERSAL</b>	
------------------	--

<b>15085</b>	Coilover spanner wrench
--------------	-------------------------

## 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
----------	-------------

<b>UNIVERSAL</b>	
------------------	--

<b>560200</b>	AN wrench set includes sizes 4 to 12
---------------	--------------------------------------

## 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
----------	-------------

<b>UNIVERSAL</b>	
------------------	--

<b>560205</b>	Nitrous bottle nut combo wrench
---------------	---------------------------------

## WHEELIE BAR WRENCHES

Billet aluminum.



PART NO.	DESCRIPTION
----------	-------------

<b>UNIVERSAL</b>	
------------------	--

<b>560210</b>	3/4"
<b>560211</b>	15/16"
<b>560212</b>	1"



## 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**

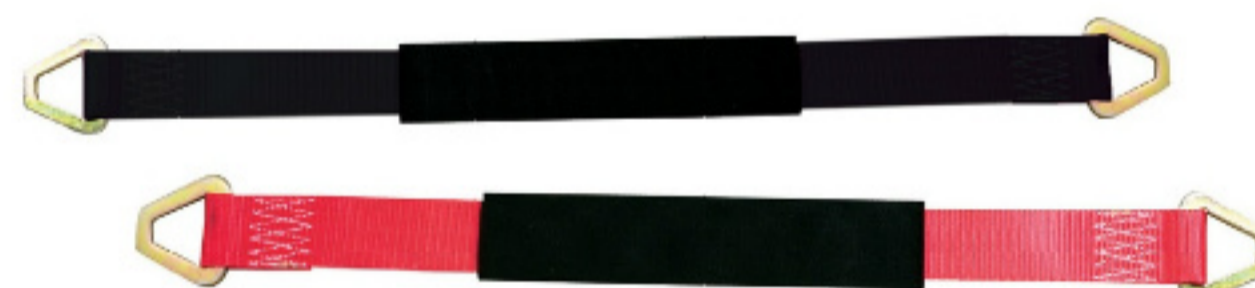
72110	Black
72111	Blue
72112	Red
72113	Yellow
72114	Purple
72115	Orange

## 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

## TOGGLE SAFETY COVER

- Spring loaded design
- Fits most bat style toggles



PART NO.	DESCRIPTION
----------	-------------

**UNIVERSAL**

16570C	Safety switch cover - Red
--------	---------------------------

# SERIOUS HORSEPOWER





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