

# ENGINE WORKS

# 2020

VOL.  
4





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The Full Engine Works Line Available At



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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# ELECTRICAL

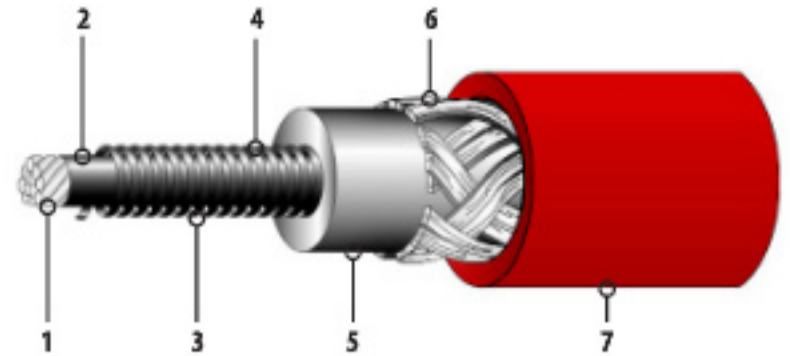
## 8.5 MM WIRE SETS

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.

PART NUMBER LISTED IS FOR RED WIRE. ADD BL FOR BLUE WIRE OR BK FOR BLACK WIRE.

PART NO.	PLUG BOOT DEGREE	ENGINE	YEAR	APPLICATION
<b>GM</b>				
16420	90°	283, 305, 327, 350, 400	75-80	SB with HEI over valve cover (No coil wire incl.)
16421	90°	283, 305, 327, 350, 400	80-86	SB with HEI under exhaust (No coil wire incl.)
16422	90°	283, 305, 327, 350, 400	60-74	SB non-HEI over valve cover (Coil wire incl.)
16423	90°	283, 305, 327, 350, 400	60-74	SB non-HEI under exhaust (Coil wire incl.)
16427	135°	All	64-75	BB non-HEI over valve cover (Coil wire incl.)
16425	180°	All	74-80	BB with HEI over valve cover (No coil wire incl.)
16426	90°	All	74-80	BB with HEI under valve cover (No coil wire incl.)
16424	5 @ 90° - 3 @ 180°	305 (5.0E) 350 (5.7)	89-93	Firebird/Camaro (Coil wire incl.)
16441	90°	350 (5.7)	93-97	Camaro LT1 (Coil wire incl.)
16440	135°	LS1	99 & Up	GM LS1 with 12" wire
16442	90°	305, 350	87-95	SB Chevy/GMC w/external coil (Coil wire incl.)
<b>OLDSMOBILE</b>				
16425	180°	260-455	74-83	HEI over valve cover (No coil wire incl.)
16426	90°	260-455	74-83	HEI under valve cover (No coil wire incl.)
16421	90°	305, 350	75-86	HEI under exhaust (Chevy Engine) (No coil incl.)
<b>PONTIAC</b>				
16425	180°	260-350	75-92	HEI over valve cover (No coil wire incl.)
16420	90°	305, 350	75-86	HEI over valve cover (Chevy Engine) (No coil wire incl.)
16421	90°	305, 350	75-86	HEI under exhaust (Chevy Engine) (No coil wire incl.)
16441	90°	350 (5.7)	93-97	Firebird LT1 (Coil wire incl.)
<b>BUICK</b>				
16420	90°	305-350	78-81	Regal over valve cover (Chevy Engine) (No coil wire incl.)
16421	90° - 6/180° - 2	305, 350	78-81	Regal under exhaust (Chevy Engine) (No coil wire incl.)
16421	90° - 6/180° - 2	305 (5.0-H)	82-86	Regal under exhaust (Chevy Engine) (No coil wire incl.)
16420	90°	305, 350	75-80	HEI over valve cover (Chevy Engine) (No coil wire incl.)
16421	90° - 6/180° - 2	305, 350	80-86	HEI under exhaust (Chevy Engine) (No coil wire incl.)
16425	180°	265-403	75-87	HEI over valve cover (No coil wire incl.)
<b>FORD</b>				
16430	135°	5.0L	77-93	Mustang (Coil wire incl.)
16432	135°	5.0L	94-95	Mustang (Coil wire incl.)
16433	180° - Well Seal	4.6L	96-98	Mustang 16V
16432	135°	5.0L (302)	94-95	Thunderbird (Coil wire incl.)
<b>FORD TRUCK</b>				
16432	135°	5.8L	93-95	F-150 Lightning (Coil wire incl.)
16432	135°	5.0L (302)	94-96	F-150 (Coil wire incl.)
16430	135°	5.8L	88-98	F-150 (Coil wire incl.)
16430	135°	5.0L (302)	91-93	F-150 (Coil wire incl.)
16430	135°	5.0L (302)	87-90	F-150 w/o EECIV (Coil wire incl.)



## NEW! LS 8.5MM PREMIUM SPARK PLUG WIRES - 250 OHMS

- Spark plug boots accept OEM heat shields
- Dual silicone jackets are bonded together with fiberglass matting
- Built to handle extreme heat applications and to virtually eliminate terminal pull-off associated with the repeated removal and replacement at the track

PART NO.	PLUG BOOT	LENGTH	COLOR
16439	135°	9.5"	Red
16439BK	135°	9.5"	Black
16439BL	135°	9.5"	Blue
16443	90°	10.5"	Red
16443BK	90°	10.5"	Black
16443BL	90°	10.5"	Blue
16440	135°	12"	Red
16440BK	135°	12"	Black
16440BL	135°	12"	Blue

\*All Engine Works LS Plug Wires accept OE style Spark Plug Boot Heat Shields

## NEW! LS 7MM SPARK PLUG WIRES



- Original OEM ferrite based core / 1220 OHM Packard wire set
- Built with the OEM ferrule for improved dielectric strength
- Improved spark plug boot to keep the wire away from the exhaust manifolds

PART NO.	PLUG BOOT	LENGTH	COLOR
16438BK	180° / Straight	9.5"	Black

## UNIVERSAL HEI AND COIL WIRE KITS



PART NO.	DESCRIPTION	DIST. BOOTS	COLOR
16401	180° Plug End	HEI/Coil wire incl.	RED
16401BK	180° Plug End	HEI/Coil wire incl.	BLACK
16401BL	180° Plug End	HEI/Coil wire incl.	BLUE
16402	90° Plug End	HEI/Coil wire incl.	RED
16402BK	90° Plug End	HEI/Coil wire incl.	BLACK
16402BL	90° Plug End	HEI/Coil wire incl.	BLUE
16403	135° Plug End	HEI/Coil wire incl.	RED
16403BK	135° Plug End	HEI/Coil wire incl.	BLACK
16403BL	135° Plug End	HEI/Coil wire incl.	BLUE
16400C	23" Length	Coil Wire Kit - Points	RED
16400CBK	23" Length	Coil Wire Kit - Points	BLACK
16400CBL	23" Length	Coil Wire Kit - Points	BLUE
16400H	23" Length	Coil Wire Kit - HEI	RED
16400HBK	23" Length	Coil Wire Kit - HEI	BLACK
16400HBL	23" Length	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
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
16302	Ford, 302, 135° Boot, HEI
16351	Ford, 351W, 135° Boot, HEI

## HEI WIRE RETAINERS



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

## WIRE CRIMPING TOOL



PART NO.	DESCRIPTION
W86500	Heavy-Duty Crimping Tool. Strip / Cut / Crimp from 10-22 Gauge Wire

## NEW! OEM-STYLE SPARK PLUG BOOT HEAT SHIELDS

Ground spring moves heat from the shield to the block. This in turn keeps the boot from "cooking". Dielectric barrier inside shield keeps electrical discharges from the boot from grounding to the block.



PART NO.	DESCRIPTION
329681-8	LS Plug Wire Heat Shield - Set of 8 - GM#19329681

## NEW! SHRINK SLEEVE AND NUMBER SLEEVE WIRE MARKERS



PART NO.	DESCRIPTION
16241	18-Pack Shrink Sleeves & 2 Sets of Wire Markers (1-8) - 2" w/ EW logo

## NEW! BLACK BOOT AND TERMINAL KIT



PART NO.	DESCRIPTION
1640BT	Black Boot & Terminal Kit - HEI / Non-HEI Boots & Terminals Included



## BLACK PLASTIC WIRE TIES

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



## FIRE SLEEVE

PART NO.	DESCRIPTION
436000	06AN - 50ft. Length - Red
438000	08AN - 50ft. Length - Red
431000	10AN - 50ft. Length - Red
431200	12AN - 50ft. Length - Red



## FLEX REMOVABLE SLEEVE

PART NO.	DESCRIPTION	SIZE	LENGTH
F53812	X-SM, Removable Sleeve	3/8" - 1/2"	40"
F51278	Small, Removable Sleeve	1/2" - 7/8"	40"
F57838	Med., Removable Sleeve	7/8" - 1-3/8"	40"
F51122	Large, Removable Sleeve	1-1/2" - 2"	40"



## NEW! VOLCANO BOOTS

Volcano plug boots are manufactured from crushed lava rock filament fiber, making them stronger and more flexible, while operating at its designed service temp of 1800°F continuous and 2500°F intermittent of radiant heat. There is not a plug boot material on the market today that can withstand temperatures higher and last longer. As an added bonus your plug boots will have a custom look of carbon fiber.

PART NO.	DESCRIPTION
16301	6" Volcano, Each
16304	6" Volcano, 4-Pack
16308	6" Volcano, 8-Pack
16301NR	6" Volcano - NO RING / LS, Each
16304NR	6" Volcano - NO RING / LS, 4-Pack
16308NR	6" Volcano - NO RING / LS, 8-Pack
17301NR	8" Volcano - NO RING / LS, Each
17304NR	8" Volcano - NO RING / LS, 4-Pack
17308NR	8" Volcano - NO RING / LS, 8-Pack



## 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
16201	6" Natural, 8-Pack
16211	6" Natural, 4-Pack
16210	6" Natural, Each
16202	6" Black, 8-Pack
16203	6" Red, 8-Pack
16204	6" Blue, 8-Pack
16205	6" Orange, 8-Pack
16201NR	8" Natural NO RING - for LS Applications, 8-Pack
16202NR	8" Red NO RING - for LS Applications, 8-Pack
16203NR	8" Red NO RING, 8-Pack
16208NR	6" Red NO RING - for LS Applications, 8-Pack



The Full Engine Works Line Available At





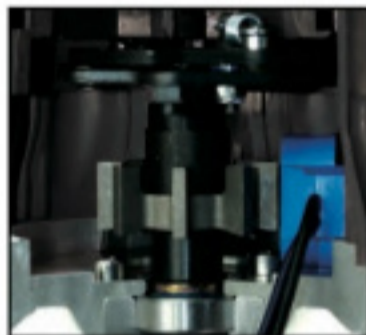
# DISTRIBUTORS & REPLACEMENT PARTS

**1**

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

**2**

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

**3**

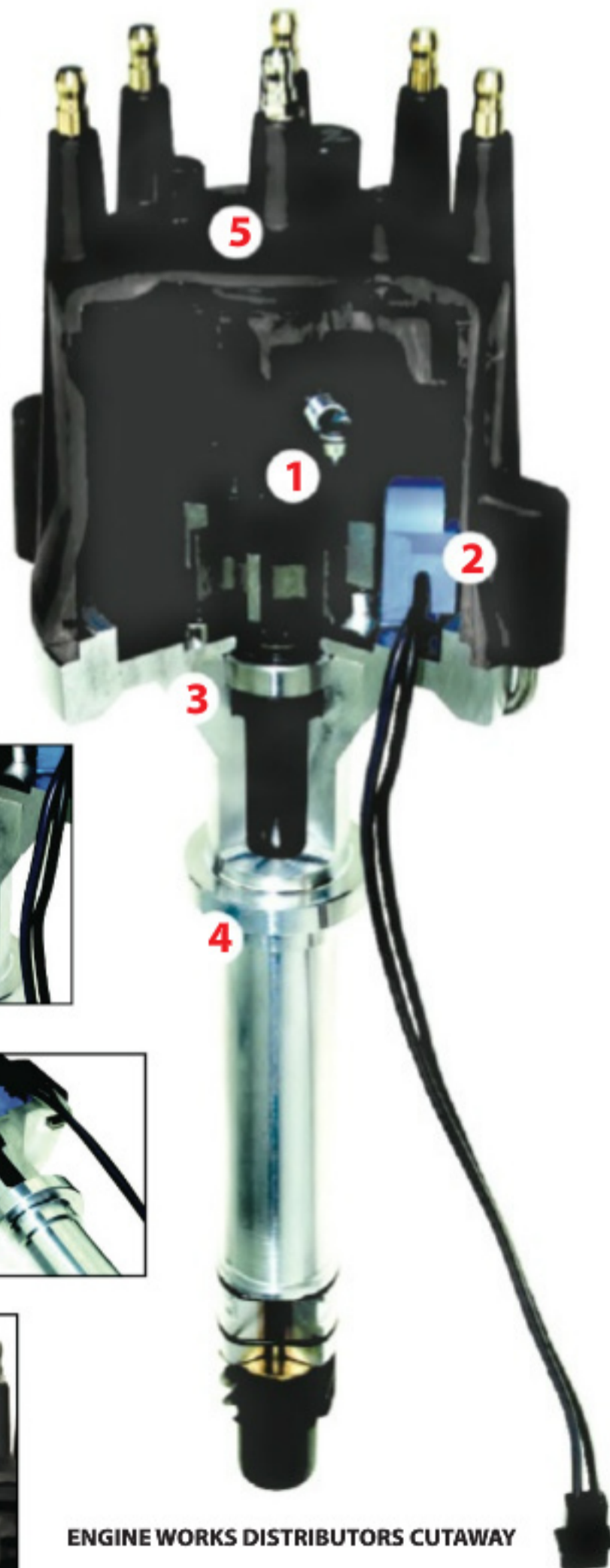
The shaft is centerless ground, then polished and also receives the same friction reducing and corrosion resistant coating. The shaft rides on an upper sealed ball bearing and an extra long lower sintered bronze Oil-Lite bushing. This ensures both smooth and reliable operation up to 10,000 RPM as well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

**4**

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

**5**

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



ENGINE WORKS DISTRIBUTORS CUTAWAY



## CHEVY RACING AND STREET/STRIP DISTRIBUTORS

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



1 1BK 1SC 1VAC

PART NO.	DESCRIPTION
1	Chevy, Fixed Collar, Single Pickup, V8, Except 348-409 Engine & Tall Deck Blocks (Red)
1BK	Chevy, Fixed Collar, Single Pickup, V8, Except 348-409 Engine & Tall Deck Blocks (Black)
1SC	Chevy, Adjustable Collar, Single Pickup, V8, Except 348-409 Engine (Red)
1VAC	Chevy, w/Vacuum Advance, V8, Except 348-409 Engine & Tall Deck Blocks (Black)

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

\*-BK for black replacement\*

## CHEVY RTR DISTRIBUTORS

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



1RTR 1RTR-BK 1RTR-409 1RTR-M

PART NO.	DESCRIPTION
1RTR	Chevy 262-502 V8, Except Tall Deck Blocks & 348-409 Engines (Red)
1RTR-BK	Chevy 262-502 V8, Except Tall Deck Blocks & 348-409 Engines (Black)
1RTR-409	Chevy 348-409 V8 Engines (Red)
1RTR-M	Chevy V8, Marine Distributor (Blue) Meets SAE J1171 Standards <b>NEW!</b>

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

\*-BK for black replacement\*

## CHEVY 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
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	Adjustable Vacuum Advance
16501C*	15601R	16501D	16501W	16554	16500-5	16110	16100	16509

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





## CHEVY EST/EFI REMOTE-MOUNT COIL DISTRIBUTORS

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.



16521

PART NO.	DESCRIPTION
16521	Chevy V8 Engines 1986-93 Cars & 1987-98 Trucks Except Tall Deck Blocks (Red)

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

\*BL for blue replacement\*

## CHEVY VORTEC TRUCK DISTRIBUTORS

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.



1VOR

PART NO.	DESCRIPTION
1VOR	Chevy 5.0L/5.7L V8 Vortec Engines 1996-03 With Flat Cap (Horizontal Towers)

REPLACEMENT PARTS				
V8 Cap	V8 Rotor	V8 Iron Gear	V8 Brass Gear	Coil
n/a	n/a	16110	16100	16553

## CADILLAC RTR DISTRIBUTORS

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.



5RTR

PART NO.	DESCRIPTION
5RTR	Cadillac 1968-84 472, 500, 425, And 368 V8 Engines (Red)

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

## PONTIAC RTR DISTRIBUTORS

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.



6RTR



6RTR-BK

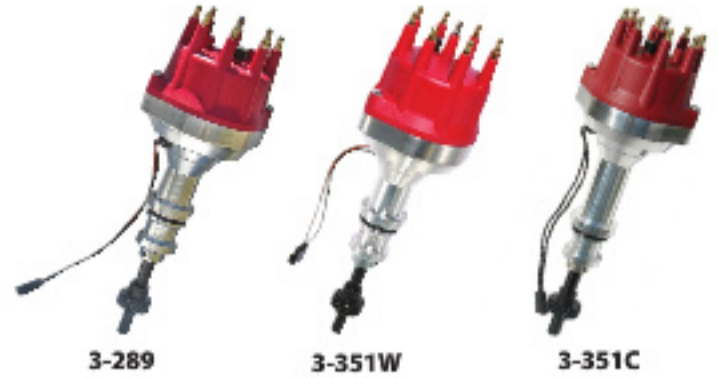
PART NO.	DESCRIPTION
6RTR	Pontiac 301-455 V8 Engines Except 1973-74 Super Duty 455 (Red)
6RTR-BK	Pontiac 301-455 V8 Engines Except 1973-74 Super Duty 455 (Black)

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



## FORD RACING AND STREET/STRIP DISTRIBUTORS

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
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\*

## FORD 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-289-BK

3RTR-351W

3RTR-351C

3RTR-428

PART NO.	DESCRIPTION
3RTR-289	Ford 221-302 V8 Engines (Red)
3RTR-289-BK	Ford 221-302 V8 Engines (Black) <b>NEW!</b>
3RTR-351W	Ford 351W V8 Engines (Red)
3RTR-351W-BK	Ford 351W V8 Engines (Black) <b>NEW!</b>
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 Iron Drive Gear	Module Assembly	Vacuum Advance	Curve Kit
16001RD	16050R	16114	16115	16116	RTRMODF	16507	14664

## FORD 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
3MOD	Ford 5.0L EFI V8 Engines in 86-93 Cars & 86-01 Trucks w/ Module Mounted On Distributor And Billet Steel Hydraulic Roller Camshafts (Red)
3-58M	Ford 5.8L EFI V8 Engines in 84-91 Trucks w/ Module Mounted On The Distributor And Hydraulic Flat Tappet Camshafts (Red)
3-58	Ford 5.8L EFI V8 Engines in 94-97 Trucks w/ Remote Mounted Modules And Billet Steel Hydraulic Roller Camshafts (Red)

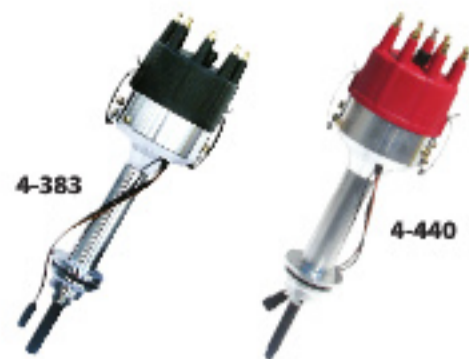
### REPLACEMENT PARTS

Cap	Rotor	TFI Module	5.0L / 5.8L Steel Drive Gear	5.0L / 5.8L Iron Drive Gear
16054C	16054R	16566	16117	16115



## CHRYSLER "B" AND "RB" 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
4-383	Chrysler 383-400 "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 (Red)	16056RBK (Black)	n/a	n/a

## CHRYSLER 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
4-318	Chrysler 273-360 "LA" V8 Engines

REPLACEMENT PARTS				
"LA" Cap	"LA" Rotor		Magnetic Pickup	Curve Kit
16056C	16056R (Red)	16056RBK (Black)	n/a	n/a

## CHRYSLER "B" AND "RB" RTR DISTRIBUTORS

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



PART NO.	DESCRIPTION
4RTR-383	Chrysler 383-400 "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	Curve Kit
16056C	16056R (Red)	16056RBK (Black)	n/a	RTR-MODP	n/a

## CHRYSLER "LA" ENGINE RTR DISTRIBUTORS

PART NO.	DESCRIPTION
4RTR-318	Chrysler 273-360 "LA" V8 Engines (Red)

REPLACEMENT PARTS					
"B" & "RB" Cap	"B" & "RB" Rotor		Magnetic Pickup	Module	Curve Kit
16056C	16056R (Red)	16056RBK (Black)	n/a	RTR-MODP	n/a



## 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

PART NO.	DESCRIPTION
16532	Ford 351 Windsor

## PONTIAC/OLDSMOBILE HEI ELECTRONIC DISTRIBUTORS

- Includes 50,000 Volt Coil
- Red Cap



PART NO.	DESCRIPTION
16514	SB & BB Pontiac (1974-1980)
16515	Oldsmobile V8

## 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.



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



## REPLACEMENT ROTORS

PART NO.	DESCRIPTION	COLOR
16050R	Fits Chevy V8 w/ Mech. or Vacuum Advance, RTR & Non-RTR	Red
16050R-BK	Fits Chevy V8 w/ Mechanical Advance, RTR & Non-RTR	Black
16501R	Fits Chevy HEI In-Cap Coil Distributors	Red
16501R-BK	Fits Chevy HEI In-Cap Coil Distributors	Black
16501R-BL	Fits Chevy HEI In-Cap Coil Distributors	Blue
16053R	Fits Chevy EFI Remote Mount Coil Distributors	Red
16054R	Fits Ford 5.0 (1991-95) / 5.8 (1994-97) TFI w/o Module	Black
16054R	Fits Ford 5.0 (1986-93) / 5.8 (1984-91) TFI w/ Module	Black
16050R	Fits Ford 289/302 w/ Mechanical Advance, RTR & Non-RTR	Red
16050R	Fits Ford 351C/351W/400/429-460 w/ Mech. Adv., RTR & Non-RTR	Red
16056R	Fits Chrysler "LA" 273-318 w/ Mech. Advance, RTR & Non-RTR	Red
16056R	Fits Chrysler Big Block (Short & Tall Deck) w/ Mech. Advance B/RB	Red
16050R	Fits Cadillac V8, RTR	Red

## EARLY MODEL "SOCKET-STYLE" CAP & ROTOR KITS



PART NO.	DESCRIPTION
15099CR	Black Socket & Rotor Kit - Fits GM Distributors
16000CR	Red Socket & Rotor Kit - Fits GM Distributors
16001CR	Tan Socket & Rotor Kit - Fits Chrysler Distributors
16005BL	Blue Female Socket Style Cap - Fits Ford Distributors (RTR)

## HEI CAP, ROTOR, & COIL KITS



PART NO.	DESCRIPTION
16501	GM HEI Cap / Rotor / Coil Kit - Red
16540	GM HEI Cap / Rotor / Coil Cover Kit - Red (Cover Only)



## DUST COVERS FOR COIL-IN-CAP DISTRIBUTORS / CHEVY HEI



PART NO.	DESCRIPTION
16501D	Red HEI Chevy Coil Dust Cover
16501D-BK	Black HEI Chevy Coil Dust Cover
16501D-BL	Blue HEI Chevy Coil Dust Cover

## MAGNETIC PICKUP



PART NO.	DESCRIPTION
14661	Magnetic Pickup for SB / BB Chevy Race Distributors

## GM HEI ADJUSTABLE VACUUM ADVANCE



PART NO.	DESCRIPTION
16509	GM HEI Adjustable Vacuum Advance

## VACUUM ADVANCE LOCKOUT



PART NO.	DESCRIPTION
16508	Vacuum Advance Lockout, Pre-87 HEI

## 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
16165	Natural Finish
16166	Red Finish
16167	Blue Finish
16168	Black Finish <b>NEW!</b>

## ADVANCE CURVE KIT



PART NO.	DESCRIPTION
14664	Mechanical Advance Spring & Bushing Kit

## HIGH PERFORMANCE IGNITION MODULES



PART NO.	DESCRIPTION
16500-5	1973-86 GM V8 HEI
16600	HEI Replacement w/ Pig Tail
16566	Ford 5.0L TFI



ELECTRICAL

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## IGNITION COILS

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

PART NO.	DESCRIPTION	RESISTANCE	VOLTAGE
16550	High-Output CD Coil - Heat Sink	0.3 Ohms	48,000V
16551	High-Output CD Coil - Epoxy Red	0.4 Ohms	40,000V
16551BK	High-Output CD Coil - Epoxy Black	0.4 Ohms	40,000V
16552	Oil-Filled Can Coil - Black	0.7 Ohms	45,000V
16680	Oil-Filled Can Coil - Chrome	0.7 Ohms	45,000V
16553	GM 1996-2007	0.25 Ohms	45,000V
16554	GM HEI Coil-In-Cap	0.3 Ohms	48,000V
16555	GM 1984-95 EFI OBD 1-Coil	0.3 Ohms	45,000V
16564	GM 1986-2009 AC Delco	0.4 Ohms	44,000V
16567	Ford 4 / 6 / 8 Cyl. 1982-97 - Epoxy BLK	0.3 Ohms	48,000V
16568	Ford 1991-2003 4-Tower DIS Early	0.6 Ohms	36,000V



## 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.

PART NO.	DESCRIPTION
16570	Ford 1997-2010, 4.6L / 5.4L / 6.8L, 2-Valve
16572	Ford 2004-2008, 4.6L / 5.4L / 6.8L, 3-Valve
16574	Ford 2008-2011, 4.6L / 5.4L / 6.8L, 3-Valve
16576	Ford 1997-2010, 4.6L / 5.4L, 4-Valve
16577	Ford 2011-2015, 5.0L Coyote
16578	Chrysler / Jeep 2006-14, 5.7L / 6.1L & 6.4L HEMI



**NEW!**

## LS IGNITION COIL PACKS

Engine Works® ignition coil packs feature advanced bobbin technology, a specialized magnetic steel core, and optimum windings. This results in higher energy and voltage outputs plus arc duration. Installation is easy with the direct bolt / plug-in units.

- **11% Higher Volume**
- **19% More mJ energy than OEM**
- **Perfect for Pro Charged, Super-charged, Nitrous or E85**
- **Great for crate engine builds**

PART NO.	DESCRIPTION
573190	LS Coil - Delphi, Round - Fits LS3 & LS7 (AC Delco #D514-A)
574580	LS Coil - Fits LS Gen III LS1 / LS6 (AC Delco #D580)
574510H	LS Coil - Fits LS Gen IV LS2 / LS3 / LS4 / LS7 / LS9 (AC Delco #D510C)



## CHROME COIL BRACKET

Universal mounting for standard coils up to 2.5" diameter.

PART NO.	DESCRIPTION
16580	Chrome Coil Bracket - 2.5" dia.



## CDI IGNITION BOX

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

PART NO.	DESCRIPTION
16625	CDI Ignition Box

## SECOND STAGE REV LIMITER

- 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
16632	Second Stage Rev Limiter

## RPM LIMITER SWITCH

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



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

## RPM LIMITING CHIPS

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



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



## NITROUS 5-PIN RELAY

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



PART NO.	DESCRIPTION
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
16779	Thru-panel battery connector

## BATTERY DISCONNECT SWITCHES

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



PART NO.	DESCRIPTION
16775	20 amp duty, 125 amp max, Vehicles without alternators
16776	175 amp, 4-Post, Vehicles with alternators

## REMOTE JUMPER TERMINALS



PART NO.	DESCRIPTION
16780	Remote Jumper Terminals, 2-Pack

## STARTER WIRING HARNESS



PART NO.	DESCRIPTION
13510	Starter Wiring Harness

## REMOTE STARTER SWITCH

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



PART NO.	DESCRIPTION
W80581	Remote Starter Switch

## 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
16750	Safety Switch
16570C	Cover for P/N 16750

## 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
16770	High Amp Push Button Starter Switch

## TRANSBRAKE BUTTONS



PART NO.	DESCRIPTION
37054	Small Green Line Lock Transbrake Button - 15 AMP w/ cord
37056	Small Blue Line Lock Transbrake Button - 15 AMP w/ cord
37055	Large Red Line Lock Transbrake Button - 15 AMP w/ cord

**NEW!**

## STARTER HEAT SHIELD WRAPS



PART NO.	DESCRIPTION
13515	Universal Size, Fits OE and mini-starters, Aluminized
13517	LS Starter Heat Shield Wrap - 7" x 24", Can be cut to length

## 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
16770	High Amp Push Button Starter Switch

## SERVICE PARTS - 135000 STARTER



PART NO.	DESCRIPTION
13500P	Starter drive for 135000, 135010, 13502
13500S	Solenoid for 135000, 13502, 135280
13500SK	Shim & Fastener Kit for 135000, 135010, 13502

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13502B

## HIGH PERFORMANCE RACING STARTERS

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

\*MUST USE FLEXPLATE (ATI) #915545 or (MEZIERE) #FPT300.

**NEW!**

## PREMIUM HIGH-PERFORMANCE LS STARTER

- For LS engines
- 3 HP motor
- All ball bearing construction
- High quality drive and solenoid



PART NO.	DESCRIPTION
13502LS	Premium High-Performance LS Starter - 3 HP Motor

**NEW!**

## ULTRA HIGH-PERFORMANCE 168 TOOTH STARTER FOR 600+ C.I. ENGINES

- 4 HP motor
- Big or Small Block Chevy
- 12V / 16V
- Heavy-duty diesel style solenoid
- Offset design



PART NO.	DESCRIPTION
13502UBD168	Ultra High-Performance Starter - 168 Tooth, for 600+ cubic inch



135250

## DENSO-STYLE TORQUE STARTER

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

## HITACHI-STYLE STARTER

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



135020

PART NO.	MAKE	STYLE	TORQUE	COMP	BOLT	FINISH
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	9:1	Std	Chrome
135030	Chevy	Hitachi	Street/Strip	10:1	Stag	Natural
135280	Small Block Ford	Hitachi	Street/Strip	11:1	Auto Trans.	Natural

## ONE-WIRE ALTERNATORS

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



PART NO.	DESCRIPTION
13600	100 Amp
13602	140 Amp
13610	100 Amp Serp Belt Pulley

## SINGLE CONTACT SOLENOID

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



PART NO.	DESCRIPTION
16771	Single Contact Solenoid





# FUEL / AIR



## METERING BLOCK GASKETS

Blue non-stick reusable fiber.

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



## FUEL BOWL GASKETS

Blue non-stick reusable fiber.

PART NO.	DESCRIPTION
133	Single, Reusable, 4150 / 4160 / 2-Circuit 4500
11833	4-Pack, Reusable, 4150 / 4160 / 2-Circuit 4500
11833-10	10-Pack, Reusable, 4150 / 4160 / 2-Circuit 4500
135	Single, Reusable, 4500 3-Circuit
11835	4-Pack, Reusable, 4500 3-Circuit

## CARBURETOR GASKETS

### CARBURETOR GASKET KIT

Blue non-stick reusable fiber.



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

## CARBURETOR OVERHAUL KITS

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

PART NO.	DESCRIPTION
11419	Fits Holley 4160 carbs w/ Non-Reusable Gaskets
11419R	Fits Holley 4160 carbs w/ Reusable Gaskets
11474	Fits Holley 2300 2 barrel w/ Non-Reusable Gaskets
11474R	Fits Holley 2300 2 barrel w/ Reusable Gaskets
11485	Fits Holley Double Pump carbs w/ Non-Reusable Gaskets
11485R	Fits Holley Double Pump carbs w/ Reusable Gaskets



## CARBURETOR MOUNTING GASKETS

1-PACK	10-PACK	DESCRIPTION
49	—	Holley 2-barrel
54	54-10	Carter, AFB, Holley open center
55	55-10	Carter, AFB, Holley 4-Hole
56	56-10	Quadrajets 4-Hole
56A	—	Quadrajets open center
58B	58B-10	Dominator, 4-Hole
58C	58C-10	Dominator, open center
58F	—	Dominator, 4-Hole w/ Larger Holes to fit 1250 Dominator





## NEEDLE & SEATS

PART NO.	DESCRIPTION
11502	Nylon Needle & Seat Washers (10) Top & (10) Bottom
11502EA	Nylon Needle & Seat Washers (1) Top & (1) Bottom <b>NEW!</b>
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 FUEL BOWL SIGHT PLUGS

These fuel bowl sight plugs are manufactured from quality materials and help provide an easier way to check the float bowl level of the carburetor.



PART NO.	DESCRIPTION
11113	Clear Sight Plug Kit

## FUEL BOWL SCREW GASKETS



PART NO.	DESCRIPTION
11108	Fuel Bowl Screw Gaskets - 10 Pack

## **NEW!** NITROPHYL CENTER HUNG FLOATS



PART NO.	DESCRIPTION
11400	Nitrophenyl Center Hung Float
11401	Notched Nitrophenyl Center Hung Float

## BANJO SWIVEL FITTINGS



PART NO.	DESCRIPTION
11624	3/8" Hose to 5/8-20 Edelbrock / Carter carbs
11625	5/16" Hose to 9/16-24 Holley Single Inlet carbs



## INVERTED FLARE INLET FITTING

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



## POWER VALVES

PART NO.	DESCRIPTION
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
11636	Power Valve Block-Off Plug



## VACUUM SECONDARY ACCESSORIES

PART NO.	DESCRIPTION
11354	Vacuum Secondary Diaphragm
11213	Vacuum Secondary Springs - Assortment of 7 sizes



## ADEL CLAMPS

Package of 6.

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



## 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
11100	Vinyl, Vacuum Line Cap Kit - Package of 30
11200	Black EPDM Rubber, Vacuum Line Cap Assortment - Package of 10



## CARB BANJO HOSE END FITTINGS

RED/BLUE	BLACK	DESCRIPTION
32447	32447-BLK	-6AN x 9/16"-24
72447	72447-BLK	-6AN x 5/8"-20



## CARB ADAPTERS AND FITTINGS

Engine Works aluminum fittings are produced to aerospace specs providing the ultimate in quality for sealing your fuel system connections. 2-pack quantities.

PART NO.	DESCRIPTION
43240	BG carbs 9/16-24 to 06AN Female
43241	BG carbs 9/16-24 to 08AN Female
43245	Holley carbs 7/8-20 to 06AN Female
43246	Holley carbs 7/8-20 to 08AN Female
43250	Holley dual feed fitting 7/8-20 to 06AN Male
43251	Holley dual feed fitting 7/8-20 to 08AN Male



## CARB FUEL INLET FITTINGS

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

RED/BLUE	BLACK	DESCRIPTION
17847	17847B	-8AN Female to -8AN O-Ring
27847	27847B	-6AN Female to -8AN O-Ring



## ALUMINUM GAUGE PORTS

BLUE	BLACK	DESCRIPTION
42004	53004	04AN
42006	53006	06AN

## O-RING FITTINGS W/ HIGH-FLOW RADIUS INLET

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
41846	06AN O-Ring Boss to 06AN Male
41848	08AN O-Ring Boss to 08AN Male
41840	10AN O-Ring Boss to 10AN Male

## SURE SEAL SPACERS W/ 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
51105	1/2" Height
51110	1" Height

## DRAGSTER SCOOP TRAY MOUNT

Access to carburetors has never been easier than when using a Engine Works dragster scoop tray mount. The need for two wrenches is no longer needed. Simply remove the half inch nut on the cross bar and the scoop tray is removed.



PART NO.	DESCRIPTION
51120	For Dominator 4500 Style Carbs



## DUAL FEED CARBURETOR LINES

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

RED/BLUE	BLACK	DESCRIPTION
—	52139	Holley 4150 - 06AN - Power-Lite Nylon
43139	53139	Holley 4150 - 06AN
43140	53140	BG Demon - 08AN
—	52141	Holley 4150 - 08AN - Power-Lite Nylon
43141	53141	Holley 4150 - 08AN
43142	53142	Holley 4150 - 08AN - Push Lock
—	52145	Holley 4500 - 08AN - Power-Lite Nylon
43145	53145	Holley 4500 - 08AN
43146	53146	Holley 4150 - 06AN - Dual-Feed Ultra HP™ Line Kit
43147	53147	Holley 4150 - 08AN - Dual-Feed Ultra HP™ Line Kit
63148	63148B	Holley Ultra Dominator™ - 06AN - Stainless Steel
—	63148BN	Holley Ultra Dominator™ - 06AN - Nylon
83148	83148B	Holley Ultra Dominator™ - 08AN - Stainless Steel
—	83148BN	Holley Ultra Dominator™ - 08AN - Nylon



## CHROME DOUBLE PUMPER FUEL LINE

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

PART NO.	DESCRIPTION
52197	Holley Double Pumper Chrome Fuel Line

## 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
52038	3/8" Diameter
52012	1/2" Diameter
52058	5/8" Diameter

## 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 CONE PHENOLIC SPACERS

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



PART NO.	DESCRIPTION	MODEL	CFM
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	4500	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	1250

## PHENOLIC CARB ADAPTER

Holley 500CFM 2-Barrel on a 4-Barrel Manifold with Siamesed Exit Radius Bores.



PART NO.	DESCRIPTION
41610	1" Holley Two-Hole Slider Intake Spacer Kit

## SUPER SUCKER CARB SPACERS - BY HVH

The Super Sucker 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.



**41645**  
1" Four hole  
4150/4160 Holley



**41647**  
2" Four hole  
4150/4160 Holley



**41646**  
1" Four hole  
4500 Holley



**41648**  
2" Four hole  
1050 / 1150  
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 / 1.750" Bore  
4150/4160 Holley



**41652**  
2" Four hole  
4150/4160 Holley



## CARBURETOR MAIN JETS

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

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

## MAIN JET EXTENSIONS

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



PART NO.	DESCRIPTION
11250	Universal Main Jet Extensions - 2 Pack

## ACCELERATOR PUMP DISCHARGE NOZZLE W/ GASKETS



PART NO.	DESCRIPTION
11260-21	Straight type 021
11260-25	Straight type 025
11260-28	Straight type 028
11260-31	Straight type 031
11260-32	Straight type 032
11260-35	Straight type 035
11260-37	Straight type 037

PART NO.	DESCRIPTION
11260-40	Straight type 040
11260-42	Straight type 042
11260-45	Straight type 045
11260-47	Straight type 047
11260-50	Straight type 050
11260-52	Straight type 052



## ACCELERATOR PUMP DIAPHRAGMS

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

## 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
550165	Wide Open Throttle Nitrous Switch Mount Kit for 4150 Carburetors
550175	Wide Open Throttle Nitrous Switch Mount Kit for 4500 Carburetors

## 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
41689	Bracket and Springs
41699	Dual-Return Spring Kit

ELECTRICAL

FUEL &amp; AIR

INTERNAL ENGINE

VALVE TRAIN

TIMING

OIL SYSTEMS

GASKETS

FASTENERS

PLUMBING &amp; COOLING

TRANSMISSION &amp; DRIVE TRAIN

EXHAUST &amp; GAUGES

TOOLS &amp; SAFETY

INDEX



560001

## 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
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

## 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.



560010

CLEAR	BLACK	DESCRIPTION
550010	560010	Throttle Return Spring Bracket Fits 4150/Edelbrock
---	560011	Throttle Return Spring Bracket Fits 4500

## ANODIZED KICKDOWN CABLE BRACKETS



CLEAR	BLACK	DESCRIPTION
550160	560160	GM style kickdown detent cable bracket

## QUICK-DISCONNECT INTERNAL SPRING BALL JOINT

Quick disconnect ball joint has 10-32 female threads with internal spring and quick disconnect 10-32 stud.



PART NO.	DESCRIPTION
531799	Carb Quick Disconnect and Stud - 10-32



## FUEL PRESSURE REGULATOR

PART NO.	DESCRIPTION
41803	Universal, 4.5 - 9 psi

## 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
22205	1/8" NPT Female Threaded Port, Dead Head, Carb, 4.5-14 psi

## BYPASS REGULATOR ADJUSTABLE 4 PT

Carb, 1.5lbs-25 psi. eliminates pressure creep and vapor lock. Features extra large 3/4" - 16 SAE threads (-8AM 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
22206	Return Style Fuel Pressure Regulator, 4-Port, 1.5-25 psi
22207	Return Style EFI Regulator, 4-Port, 30-100 psi

## FUEL TANK SUMP KIT

These Engine Works fuel tank sump kits mount in the lowest, rear-most part of your tank, so that they maximize pressure on the inlet side of your fuel pump.



PART NO.	DESCRIPTION
12720	Fuel Tank Sump Kit - Two 1/2" NPT Bungs



41106

## 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

PART NO.	DESCRIPTION	TYPE	GPH	HP
41106	Carb & EFI	In-Line	110 gph @ Free Flow @ 13.5V	Up to 900 hp
41825	EFI	In-Line	43 gph @ 40 psi @ 13.5V	Up to 500 hp
22801	Carb (Red)	External	105 gph @ Free Flow @ 13.5V	Up to 250 hp
22802	Carb (Blue)	External	120 gph @ Free Flow @ 13.5V	Up to 400 hp
22815*	Carb (Black)	External	135 gph @ Free Flow @ 13.5V	Up to 700 hp

\*22815 is alcohol compatible.

## IN-TANK ELECTRIC FUEL PUMP

Choose from three performance options:

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

PART NO.	APPLICATION	ENGINE	PERFORMANCE
41900	Universal In-Line	—	255 LPH
41911	Universal In-Tank / 1985-91 Camaro	5.0L / 5.7L	255 LPH
41951	1985-97 Ford Mustang	4.6L / 5.0L	190 LPH
41952	1985-97 Ford Mustang	4.6L / 5.0L	255 LPH
41953	1985-97 Ford Mustang	4.6L / 5.0L	255 LPH / HD
41957	Ford Lightning - 2 Pump	5.8L	255 LPH

## LIGHTWEIGHT FUEL PUMP PUSHRODS

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



PART NO.	DESCRIPTION
41876	SB & BB Chevy, Std. Length - Non-Brass Tip - For Cast Iron Cams
41876-10	SB & BB Chevy, Std. Length - Non-Brass Tip - For Cast Iron Cams - 10 Pk
41877	SB & BB Chevy, Std. Length - Brass Tip - For Billet Roller Cams
41877-10	SB & BB Chevy, Std. Length - Brass Tip - For Billet Roller Cams - 10 Pk
41878	0.200" Longer Pushrod, Merlin & Rocket Blocks - Brass Tip For Billet Roller Cams

## ROLL OVER VALVE

PART NO.	DESCRIPTION
407020	Roll Over Valve, 08AN - In-Tank Style



22801

22802

## ECONOMY ELECTRIC FUEL PUMP

PART NO.	DESCRIPTION
41801	Economical Replacement for Stock Pump 2.5 to 4 psi - 20-30 gph



41801



41951

41911

## 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	BLACK	DESCRIPTION
550400	560400	SB Chevy
550401	560401	BB Chevy

## PARKER-STYLE HIGH RISE INTAKE MANIFOLD SBF

- Non-EGR
- 3,500 - 8,000 RPM Range
- Satin Finish



PART NO.	DESCRIPTION
71302	Small Block Ford 260 / 289 / 302W - 5.500" Height



## 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	BLACK	DESCRIPTION
550500	560500	Fuel Cell Cap Assembly w/ 6-Bolt Bung
550551	560501	Fuel Cell Cap Assembly w/ 12-Bolt Bung



## FUEL CELL CAP GASKET

PART NO.	DESCRIPTION
5507625	6-Bolt Fuel Cell Cap Gasket
5507626	12-Bolt Fuel Cell Cap Gasket



## BILLET FILLER CAP KIT

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
550450	Billet filler cap kit w/ aluminum bung



## STREET FUEL FILTERS

Glass and chrome construction.

PART NO.	DESCRIPTION
41701	5/16" Filter
41702	3/8" Filter
41703	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
41750	41750-RED	11-3/4"	10 AN	100	Stainless Element
41751	41751-RED	11-1/2"	08 AN	120	Paper Element
41752	41752-RED	11-1/2"	06 AN	120	Paper Element
41761	1-1/2" Fuel Filter Roll Bar Bracket, 2" Fuel Filter Diameter				
41780	100 Micron Replacement Stainless Element				
41781	120 Micron Replacement Paper Element				

42760-BLUE



42800 & 42801



BLACK	BLUE	LENGTH	IN / OUT	MICRON	FILTER
42740	42740-BLUE	2-1/2"	04 AN	40	Wire Screen
42750	42750-BLUE	2-1/2"	06 AN	40	Wire Screen
42760	42760-BLUE	3-3/4"	06 AN	40	Wire Screen
42770	42770-BLUE	2-5/8"	08 AN	40	Wire Screen
42780	42780-BLUE	4"	08 AN	40	Wire Screen
42800	Viton O-Ring seal for 42740, 42750, 42760, 42770, 42780 (Black & Blue Filters)				
42801	Filter screen - 40 Micron				

42883



BLACK	BLUE	LENGTH	IN / OUT	MICRON	FILTER
42880	42880-BLUE	6-1/4"	8 AN	10	Media
42881	42881-BLUE	6-1/4"	8 AN	100	Stainless
42883	42883-BLUE	6-1/2"	10 AN	100	Stainless
42885	42885-BLUE	9-1/4"	Female - 12 AN	100	Stainless
42802	Viton O-Ring seal for 42880, 42881, 42883 (Black & Blue Filters)				
42803	Filter media cellulose - 10 Micron				
42804	Viton O-Ring seal for 42885 (Black & Blue Filters)				
42805	Filter stainless mesh - 100 Micron - 12AN				
42806	Filter stainless mesh - 100 Micron - 08/10AN				

42803







## LARGE RED TOP SINGLE PORT FUEL FILTER

This style fuel filter features with a replaceable paper filter. It has a chrome main housing, chrome mounting bracket and chrome hardware.



PART NO.	DESCRIPTION
41710	Large Red Top Single Port Fuel Filter 3/8" NPT Inlet/Outlet
41720	Replacement Element

## SMALL RED TOP SINGLE PORT 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
41711	Small Red Top Single Port Fuel Filter 3/8" NPT Inlet/Outlet
41721	Replacement Element

# NITROUS

## STAINLESS STEEL NITROUS JETS

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



SIZE	8-PACK
0.014	610014-8
0.016	610016-8
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
0.047	610047-8
0.048	610048-8
0.050	610050-8
0.052	610052-8
0.054	610054-8

SIZE	1-PACK
0.015	610015
0.016	610016
0.018	610018
0.020	610020
0.022	610022
0.024	610024
0.025	610025
0.026	610026
0.028	610028
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

SIZE	1-PACK
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
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

SIZE	1-PACK
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



## NITROUS PURGE VALVES

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

PART NO.	DESCRIPTION
41304	O4AN Fitting
41306	O6AN Fitting



## BOTTLE NUT ADAPTERS

PART NO.	DESCRIPTION
12420	04AN Bottle Nut w/ PTFE Washer
12430	06AN Bottle Nut w/ PTFE Washer
12440	08AN Bottle Nut w/ PTFE Washer <b>NEW!</b>
12410	Nitrous Bottle Nut Washer PTFE - 1 Pack <b>NEW!</b>
12000-10	Nitrous Bottle Nut Washer PTFE - 10 Pack

## NITROUS BOTTLE NUT COMBO WRENCH

- Billet Aluminum
- Black Anodized
- Laser-etched
- Made in USA



PART NO.	DESCRIPTION
560205	For 3AN, 4AN, 6AN, and 1-1/4" Bottle Nuts

## PRE-ASSEMBLED NITROUS LINES

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

BLUE = Nitrous / RED = Fuel.

COMMENTO

PART NO.	NOS®	AN	AN	LENGTH	END COLOR
613085	15020	3	3	8.5"	BLUE
623085	15021	3	3	8.5"	RED
613012	15030	3	3	12"	BLUE
623012	15031	3	3	12"	RED
613015	15040	3	3	15"	BLUE
623015	15041	3	3	15"	RED
613018	15050	3	3	18"	BLUE
623018	15051	3	3	18"	RED
613024	15060	3	3	24"	BLUE
613036	15070	3	3	36"	BLUE
613048	15080	3	3	48"	BLUE
614085	15200	4	4	8.5"	BLUE
614012	15210	4	4	12"	BLUE
614018	15220	4	4	18"	BLUE
614024	15230	4	4	24"	BLUE
614036	15240	4	4	36"	BLUE
614048	15250	4	4	48"	BLUE
614072	15260	4	4	6'	BLUE
623024	15261	3	3	24"	RED
614096	15270	4	4	8'	BLUE
623036	15071	3	3	36"	RED
624085	15201	4	4	8.5"	RED
624012	15211	4	4	12"	RED
624018	15221	4	4	18"	RED
624024	15231	4	4	24"	RED
614120	15280	4	4	10'	BLUE



616048



COMMENTO

PART NO.	NOS®	AN	AN	LENGTH	END COLOR
614144	15290	4	4	12'	BLUE
614168	15295	4	4	14'	BLUE
614192	15300	4	4	16'	BLUE
614240	15305	4	4	20'	BLUE
614312	15340	4	3	12"	BLUE
624036	15241	4	4	36"	RED
624312	15341	4	3	12"	RED
614318	15345	4	3	18"	BLUE
614612	15350	4	6	12"	BLUE
614618	15355	4	6	18"	BLUE
616012	15400	6	6	12"	BLUE
626012	15401	6	6	12"	RED
616018	15405	6	6	18"	BLUE
616024	15410	6	6	24"	BLUE
626024	15411	6	6	24"	RED
616048	15420	6	6	48"	BLUE
616072	15430	6	6	6'	BLUE
624318	15346	4	3	18"	RED
616096	15450	6	6	8'	BLUE
616120	15460	6	6	10'	BLUE
616144	15470	6	6	12'	BLUE
616168	15475	6	6	14'	BLUE
616192	15480	6	6	16'	BLUE
623048	15081	3	3	48"	RED
616240	15490	6	6	20'	BLUE

## INTERNAL ENGINE

### BILLET REPLACEMENT MAIN CAPS



Machined from alloy billet steel on CNC centers.

Each set includes three caps and two drill bushings. (8394 includes 4 caps)

PART NO.	DESCRIPTION
8391	SBC 350 4-Bolt Main Replacement Caps 3PC Set - Straight Bolt Style
8394	BBC 396-454 4-Bolt Main Replacement Caps 4PC Set - Straight Bolt Style

### BILLET CONVERSION MAIN CAPS



These Engine Works Billet Conversion Main Caps are made from precision-machined high strength steel, which has the proper balance of strength and flexibility to allow transfer of increased shock loads to the crank and bearings. Drill guides included on all main cap conversion kits.

PART NO.	DESCRIPTION
8393	SBC 400 2-Bolt to 4-Bolt Conversion, Splayed Style 3PC Set
53504	SBC 350 2-Bolt to 4-Bolt Conversion, Straight Bolt Style 3PC Set
535045	SBC 350 2-Bolt to 4-Bolt Conversion Splayed (22° Angle) 3PC Set



## ALUMINUM CYLINDER HEADS

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



PART NO.	MAKE	STYLE	VOLUME	PLUG	CAM SPEC	SPRING	VALVES
170050A	SB Chevy	Complete	64/190	Straight	Hydraulic	920-16	1.60 / 2.02
171000A	SB Chevy	Complete	64/205	Angle	Hydraulic	920-16	1.60 / 2.02
171000AS	SB Chevy	Complete	64/205	Angle	Solid / Hydraulic	927-16	1.60 / 2.02
271000A	SB Chevy	Complete	64/210	Angle	Hydraulic	920-16	1.60 / 2.02
271000AS	SB Chevy	Complete	64/210	Angle	Solid / Hydraulic	927-16	1.60 / 2.02
271500A	SB Chevy	Complete	64/210	Straight	Hydraulic	920-16	1.60 / 2.02
271500AS	SB Chevy	Complete	64/210	Straight	Solid / Hydraulic	927-16	1.60 / 2.02
170000A	BB Chevy	Complete	119/320	---	Rectangle Port	22406	1.88 / 2.25
170000AS	BB Chevy	Complete	119/320	---	Rectangle Port	22429	1.88 / 2.25
170500A	BB Chevy	Complete	119/305	---	Oval Port	910-16	1.88 / 2.25
172000A	SB Ford	Complete	62/190	---	Hydraulic	920-16	1.60 / 2.02
172000AS	SB Ford	Complete	62/190	---	Solid / Hydraulic	927-16	1.60 / 2.02
172500A	SB Ford	Complete	62/210	---	Hydraulic	920-16	1.60 / 2.02
172500AS	SB Ford	Complete	62/210	---	Solid - Hydraulic	927-16	1.60 / 2.02

## BBC TALL DECK SPACER KIT FOR AS CAST HEADS



PART NO.	DESCRIPTION
41660	0.375" Billet Aluminum BBC Intake spacers, For as cast Rectangular Port Heads

## CYLINDER HEAD DOWEL PINS



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

## NEW! LS CYLINDER HEAD DOWEL PINS

Performance cylinder head dowel pins offer accurate alignment.



PART NO.	DESCRIPTION
570326	LS Block to Head Dowel Pins - 4 Pack - GM# 12570326

## FORD MAIN CAP GIRDLES



Main support system makes it possible to produce 650-plus horsepower from a production block. Designed for Factory, Dart Sportsman & Iron Eagle Blocks. All kits include mounting hardware.

PART NO.	DESCRIPTION
680351	351W Billet Aluminum Main Cap Girdle with studs
680460	429/460 Billet Aluminum Main Cap Girdle with studs
680302	289/302/331/347 Billet Aluminum Main Cap Girdle with studs
680302B	Boss 302 Billet Aluminum Main Cap Girdle 4-Bolt with studs
580302	302 Billet Steel Main Cap Girdle with studs
580351	351W Billet Steel Main Cap Girdle with studs

## ENGINE FINISHING KITS



PART NO.	DESCRIPTION
46500	1957- 86 SB Chevy 262-400
46501	1986-2005 SB Chevy 305/350 with rear seal housing bolts & dowels included
46502	1967-91 366-454 BB Chevy
46503	1962-85 SB Ford 289/302/351W

## NEW! LS BELLHOUSING DOWEL PINS

Performance bellhousing dowel pins allow you to easily align your transmission into the block.



PART NO.	DESCRIPTION
453658	1.190" Length x 0.621" dia. - Set of 2 - GM# 1453658



**NEW!**  
**LS ENGINE BRASS  
COOLANT PLUG**



This coolant plug for the GM LS-Family of engines allows you to plug the coolant path on the right bank of cylinders (Driver's Side) when deleting the factory oil cooler on the 2010+ Chevy Camaro and other Gen IV LS engines equipped with a factory water-to-oil cooler.

PART NO.	DESCRIPTION
561663	28mm x 1.25" - Internal Allen Head - GM# 12561663

**NEW!**  
**LS ENGINE COOLANT  
PLUGS AND FASTENERS**



Performance engine coolant pipe and plug bolts are designed to work with your factory engine components.

PART NO.	DESCRIPTION
588714	6mm x 1.0 Thread - Hex Head - 2 Pack - GM# 11588714
602540	Coolant Air Bleed Plugs - 2 Pack - GM# 12602540

60390



60350



**FREEZE PLUG SETS**

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

PART NO.	DESCRIPTION	MATERIAL
60350	265-350 Chevy	Brass
61350	265-350 Chevy	Steel
60478	265-350 Chevy, 10-Pack, Cam Plug Only	Steel
60400	400 Chevy	Brass
60454	366-454 Chevy	Brass
61454	366-454 Chevy	Steel
60154	366-454 Chevy, 10-Pack, Cam Plug Only	Steel
60302	221-351W Ford	Brass
61302	221-351W Ford	Steel
60471	221-351W Ford, 10-Pack, Cam Plug Only	Steel
60390	<b>NEW!</b> Ford FE 330-428	Brass
60460	429/460 Ford	Brass
60318	<b>NEW!</b> 273-360 SB Chrysler	Brass
60440	361-440 Chrysler	Brass
60455	<b>NEW!</b> Pontiac 326-455	Brass

**SERIOUS  
HORSEPOWER**

**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**

**RACING**

DESCRIPTION	ROD	MAIN	ROD	ROD X	MAIN	MAIN X
1976-2002 SB Chevy 305 5.0L	CB663P	MS909P	CB663H	CB663HX	MS909H	MS909HX
1962-67 SB Chevy 327 5.4L - Alecular Alloy	CB745P	MS429P	CB745H	CB745HX	MS429H	MS429HX
1968-69 SB Chevy 327 5.4L	CB663P	MS909P	CB663H	CB663HX	MS909H	MS909HX
1967-2002 SB Chevy 350 5.7L	CB663P	MS909P	CB663H	CB663HX	MS909H	MS909HX
1992-2004 SB Chevy 350 LT / LS Based	CB663P	MS909P	CB663H	CB663HX	MS909H	MS909HX
1970-80 SB Chevy 400 6.6L	CB663P	MS1038P	CB663H	CB663HX	MS1038H	MS1038HX
1965-70 BB Chevy Mark IV 396 6.5L	CB743P	MS829P	CB743H	CB745HX	MS829H	MS829HX
1970-72 BB Chevy Mark IV 402 6.6L	CB743P	MS829P	CB743H (HD)	CB743HX	MS829H	MS829HX
1966-69 BB Chevy Mark IV 427 7.0L	CB743P	MS829P	CB743H (HD)	CB743HX	MS829H	MS829HX
1970-2000 BB Chevy 454 7.4L	CB743P	MS829P	CB743H (HD)	CB743HX	MS829H	MS829HX
1963-68 SB Ford 289 4.7L	CB634P	MS590P	CB634H	CB634HX	MS590H	MS590HX
1968-99 SB Ford 302 5.0L	CB634P	MS590P	CB634H	CB634HX	MS590H	MS590HX
1969-97 SB Ford 351W 5.8L	CB831P	MS981P	CB831H	---	---	---

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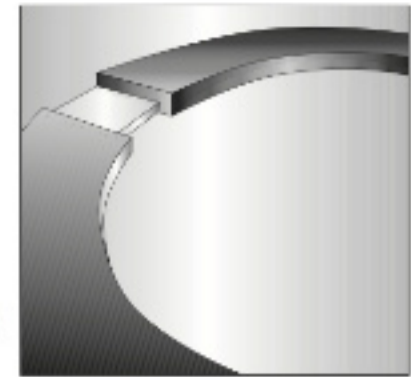
TOOLS & SAFETY

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## PISTON RING SETS

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



## PERFORMANCE SERIES RING SETS W/ TOTAL SEAL® TECHNOLOGY

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

BORE	TENSION	RING WIDTHS	FILE FIT	NON-FILE FIT	PERFORMANCE SERIES
4.000	Standard	1/16, 1/16, 3/16	454005	--	--
4.000	Standard	5/64, 5/64, 3/16	454004	--	--
4.000	Low	1/16, 1/16, 3/16	454006	--	--
4.000	Standard	1.5, 1.5, 4mm	454007	--	--
4.030	Low	1/16, 1/16, 3mm	454033	--	--
4.030	Standard	5/64, 5/64, 3/16	454034	444034	--
4.030	Standard	1/16, 1/16, 3/16	454035	444035	464035
4.030	Low	1/16, 1/16, 3/16	454036	--	464035
4.030	Standard	1.5, 1.5, 4mm	454037	444037	--
4.030	Standard	1/16, 1/16, 1/8	454038	444038	--
4.040	Standard	5/64, 5/64, 3/16	454044	--	--
4.040	Standard	1/16, 1/16, 3/16	454045	444045	464045
4.040	Low	1/16, 1/16, 3/16	--	--	464046
4.040	Standard	1.5, 1.5, 4mm	454047	--	--
4.040	Standard	1/16, 1/16, 1/8	454048	--	--
4.060	Standard	5/64, 5/64, 3/16	454064	444064	--
4.060	Standard	1/16, 1/16, 3/16	454065	444065	464065
4.060	Low	1/16, 1/16, 3/16	454066	--	464066
4.060	Standard	1.5, 1.5, 4mm	454067	--	--
4.125	Standard	1/16, 1/16, 3/16	454130	444130	--
4.155	Standard	1/16, 1/16, 3/16	454160	444160	464160
4.155	Standard	5/64, 5/64, 3/16	454164	--	--
4.155	Standard	1/16, 1/16, 1/8	454168	--	--
4.165	Standard	1/16, 1/16, 3/16	454170	444170	464170
4.250	Standard	1/16, 1/16, 3/16	454255	--	--
4.280	Standard	1/16, 1/16, 3/16	454285	444285	464285
4.310	Standard	1/16, 1/16, 3/16	454315	444315	464315
4.350	Standard	1/16, 1/16, 3/16	454355	444355	464355
4.375	Standard	1/16, 1/16, 3/16	454380	444380	464380
4.390	Standard	1/16, 1/16, 3/16	454395	--	--
4.440	Standard	1/16, 1/16, 3/16	454445	--	--
4.500	Standard	1/16, 1/16, 3/16	454505	444505	464505
4.530	Standard	1/16, 1/16, 3/16	454535	--	--
4.560	Standard	1/16, 1/16, 3/16	454565	--	--
4.600	Standard	1/16, 1/16, 3/16	454605	--	--

TOTAL SEAL® TECHNOLOGY

## NEW! TAPERED RING COMPRESSED SLEEVES



These compressor sleeves are hard anodized and Teflon coated for low friction and prolonged wear resistance. These sleeves have a smooth radius that tapers down to the specific bore size to make installation of any piston a breeze.

PART NO.	DESCRIPTION
3.904TRC	Tapered Ring Compressor 3.903/5
4.000TRC	Tapered Ring Compressor 4.000
4.005TRC	Tapered Ring Compressor 4.005
4.020TRC	Tapered Ring Compressor 4.020
4.030TRC	Tapered Ring Compressor 4.030
4.040TRC	Tapered Ring Compressor 4.040
4.060TRC	Tapered Ring Compressor 4.060
4.125TRC	Tapered Ring Compressor 4.125
4.145TRC	Tapered Ring Compressor 4.145
4.155TRC	Tapered Ring Compressor 4.155

PART NO.	DESCRIPTION
4.250TRC	Tapered Ring Compressor 4.250
4.280TRC	Tapered Ring Compressor 4.280
4.310TRC	Tapered Ring Compressor 4.310
4.375TRC	Tapered Ring Compressor 4.375
4.500TRC	Tapered Ring Compressor 4.500
4.530TRC	Tapered Ring Compressor 4.530
4.560TRC	Tapered Ring Compressor 4.560
4.600TRC	Tapered Ring Compressor 4.600
4.610TRC	Tapered Ring Compressor 4.610
4.625TRC	Tapered Ring Compressor 4.625



# VALVETRAIN

10400



## STUD GIRDLES

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

PART NO.	DESCRIPTION	SPACING (INT TO EXT)
10400	SB Chevy stock stud location	1.774
10402	SB Chevy 40-60 offset	1.809
10403	SB Chevy Vortec w/ Centerbolt Valve Covers	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, AFR	---
20402	BBC Canfield / Victor / Stock location w/ 1/4" extra clearance	---
50400	SB Ford stock stud location / Edelbrock Torquer	1.760
50401	SB Ford fits Dart and AFR Heads, Windsor Sr., World	1.780
50402	SB Ford fits TFS Street Heat & Canfield	1.900
50404	SB Ford Edelbrock Victor Jr. / Performer	1.770
50406	SB Ford Brodix Track 1	1.880
50400UL	SB Ford Ultra-Lite, Stock stud location / Edelbrock Torquer	1.880
10351	SB Ford Cleveland / Boss 302 / Blue Thunder	---
70401	BB Ford 429 / 460 Stock Iron, Aluminum CJ, Blue Thunder	---
70402	BB Ford 429 / 460 SVO, A-460, TFS	---



## 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. Also available in Each. *Engine Builder bulk program available.*

PART NO.	DESCRIPTION	STUD	ROCKER ARM SLOT WIDTH	OVERALL LENGTH
31-8	Standard Polylock	3/8"	0.600"	1.350"
71-8	Standard Polylock	7/16"	0.600"	1.350"
36-8	Stud Girdle Polylock	3/8"	0.600"	2.100"
76-8	Stud Girdle Polylock	7/16"	0.600"	2.100"
78-8	Stud Girdle Polylock	7/16"	0.600" BBC Intake	2.600"

130010



130016B

## 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.

1-PACK	10-PACK	TYPE	APPLICATION	DIA.	LENGTH
130010	130010B	Aluminum	SB Chevy	.874	.793
130011	130011B	Roller	SB Chevy	.874	.793
130015	130015B	Aluminum	BB Chevy	.712	.945
130016	130016B	Roller	BB Chevy	.712	.945

## GUIDEPLATES

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



PART NO.	TYPE	APPLICATION	PUSHROD DIA.
13400	Flat	SB Chevy	5/16"
13401	Raised	SB Chevy	5/16"
13403	Raised	BB Chevy	3/8"
50600-8	Flat	SB Ford	5/16"
60600	Raised	Ford 351C	5/16"

## 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
130000	SB Chevy / BB Chevy Cam Lock & Bolts
130000B	SB Chevy / BB Chevy Cam Lock & Bolts - 10-Set Shop Pack

NEW!

## LS CAMSHAFT RETAINER PLATES

Camshaft retainer plates are designed to fit behind the front cover and act as a seal for the front oil passages that feed oil to the lifters, cam, and main bearings.



PART NO.	DESCRIPTION
589016	LS Camshaft Thrust Plate w/ Seal - GM# 12589016



NEW!

## LS 3-BOLT CAM CONVERSION KIT

Kit includes ARP™ M8 Cam Bolts, Melling™ LS Timing Chain Dampener, and 3-bolt 4-pole Cam Sprocket.



PART NO.	DESCRIPTION
586481	LS 3-Bolt Cam Conversion Kit - GM# 12586481

NEW!

## CAMSHAFT THRUST PLATES

Camshaft Thrust Plate by Engine Works. This premium product is the best way to go for those looking for the highest quality replacement that offers supreme levels of quality, performance and reliability.



PART NO.	DESCRIPTION
350423CTP	SB Chevy 305 / 350 Roller Cam - 4.230" E/E - 0.122" Thick
350390CTP	SB Chevy 305 / 350 Roller Cam - 3.900" E/E - 0.122" Thick
302CTP	SB Ford 289-351W Roller Cam - 0.252" Thick

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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.



## CAM AND LIFTER KITS

PART NO.	APPLICATION	IDLE	BASIC RPM RANGE	ADV. DUR.	DUR. @ .050	VALVE LIFT	INT / EXH CENTERLINE	RECOMMENDED SPRING PRESSURES
135260H	SB Chevy - Hydraulic	Stock	1000-3200	270/278	194/204	398/426	107/117	95lbs on seat / 240lbs open
135270H	SB Chevy - Hydraulic	Fair	1500-4000	278/288	204/214	421/444	107/117	105lbs on seat / 265lbs open
135280H	SB Chevy - Hydraulic	Fair	2000-4800	280/280	214/214	443/443	107/117	110lbs on seat / 280lbs open
135286H	SB Chevy - Hydraulic	Fair	2200-5400	292/292	230/230	480/480	107/111	120lbs on seat / 300lbs open
135287H	SB Chevy - Hydraulic	Fair	2200-5400	287/304	220/231	468/480	106/114	120lbs on seat / 300lbs open
135290H	SB Chevy - Hydraulic	Fair	2000-4800	288/298	214/224	444/466	107/117	110lbs on seat / 280lbs open
135291H	SB Chevy - Hydraulic	Fair	2000-4800	290/290	223/223	447/447	110/118	110lbs on seat / 280lbs open
135298H	SB Chevy - Hydraulic	Fair	2000-4800	290/290	224/224	465/465	107/117	110lbs on seat / 280lbs open
135302H	SB Chevy - Hydraulic	Rough	3200-6500	310/310	244/244	510/510	107/109	125lbs on seat / 325lbs open
135310H	SB Chevy - Hydraulic	Rough	2200-5400	300/310	234/244	488/510	107/117	120lbs on seat / 300lbs open
135313H	SB Chevy - Hydraulic	Rough	3200-6500	310/320	244/254	510/533	107/117	125lbs on seat / 325lbs open
135264S	SB Chevy - Solid Lift	Rough	2200-5400	280/280	246/246	498/498	106/110	120lbs on seat / 300lbs open
135282S	SB Chevy - Solid Lift	Rough	2200-5400	282/290	240/250	521/521	104/108	120lbs on seat / 300lbs open
135289S	SB Chevy - Solid Lift	Rough	3200-6500	290/298	258/266	538/556	99/111	125lbs on seat / 325lbs open
135312S	SB Chevy - Solid Lift	Rough	3200-6500	312/312	274/274	579/579	106/114	125lbs on seat / 325lbs open
145270H	BB Chevy - Hydraulic	Stock	1500-4000	282/292	204/214	477/503	108/116	105lbs on seat / 265lbs open
145280H	BB Chevy - Hydraulic	Fair	2000-4800	280/280	214/214	501/501	109/119	110lbs on seat / 280lbs open
145284H	BB Chevy - Hydraulic	Fair	2000-4800	284/284	218/218	519/519	105/115	110lbs on seat / 280lbs open
145292H	BB Chevy - Hydraulic	Rough	2200-5400	292/292	230/230	544/544	107/111	120lbs on seat / 300lbs open
145310H	BB Chevy - Hydraulic	Fair	2000-4800	310/325	222/235	500/505	110/120	110lbs on seat / 280lbs open
145312H	BB Chevy - Hydraulic	Rough	3200-6500	304/304	246/246	576/576	106/114	125lbs on seat / 325lbs open
145316H	BB Chevy - Hydraulic	Rough	3200-6500	310/320	244/254	578/603	105/115	125lbs on seat / 325lbs open
145320S	BB Chevy - Solid Lift	Rough	3200-6500	301/304	250/261	576/639	108/116	125lbs on seat / 325lbs open
130260H	SB Ford - Hydraulic	Stock	1500-4000	258/271	190/202	413/437	106/114	105lbs on seat / 265lbs open
130270H	SB Ford - Hydraulic	Fair	1500-4000	280/289	204/214	450/474	108/116	105lbs on seat / 265lbs open
130280H	SB Ford - Hydraulic	Fair	2000-4800	297/297	218/218	458/458	106/120	110lbs on seat / 280lbs open
130287H	SB Ford - Hydraulic	Rough	2200-5400	288/288	231/231	512/512	106/114	120lbs on seat / 300lbs open
132260H	SB Ford 302HO & 351W - Hydraulic	Stock	1000-3200	272/280	194/204	424/449	105/115	95lbs on seat / 240lbs open
132270H	SB Ford 302HO & 351W - Hydraulic	Fair	1500-4000	280/290	204/214	449/473	107/117	105lbs on seat / 265lbs open
132280H	SB Ford 302HO & 351W - Hydraulic	Fair	2000-4800	289/300	214/224	473/497	107/117	110lbs on seat / 280lbs open
132290H	SB Ford 302HO & 351W - Hydraulic	Fair	2000-4800	290/300	224/234	496/520	107/117	110lbs on seat / 280lbs open
146280H	BB Ford 429-460 - Hydraulic	Fair	2000-4800	292/302	214/224	512/538	107/117	110lbs on seat / 280lbs open
131270H	SB Chrysler - Hydraulic	Stock	1500-4000	280/280	208/208	421/421	107/115	105lbs on seat / 265lbs open
131275H	SB Chrysler - Hydraulic	Fair	1500-4000	278/288	204/214	421/444	108/116	105lbs on seat / 265lbs open
131280H	SB Chrysler - Hydraulic	Fair	2000-4800	288/298	214/224	444/466	108/116	110lbs on seat / 280lbs open
140270H	Pontiac - Hydraulic	Stock	1500-4000	278/288	204/214	420/443	108/116	105lbs on seat / 265lbs open
140286H	Pontiac - Hydraulic	Rough	2200-5400	287/287	231/231	480/480	106/114	120lbs on seat / 300lbs open

## CAMSHAFTS ONLY

PART NO.	APPLICATION	IDLE	BASIC RPM RANGE	ADV. DUR.	DUR. @ .050	VALVE LIFT	INT / EXH CENTERLINE	REC. SPRING PRESSURES
135284HR	(1987-94) SB Chevy-Hyd. Roller/Non Retro	Fair	2000-4800	288/284	210/215	462/470	106/114	110lbs on seat / 280lbs open
135306HR	(1987-94) SB Chevy-Hyd. Roller/Non Retro	Rough	2200-5400	306/306	230/230	480/480	106/110	120lbs on seat / 300lbs open
130282HR	SB Ford - Hyd. Roller 302HO & 351W	Fair	2000-4800	282/282	220/220	498/498	110/110	110lbs on seat / 280lbs open
130289HR	SB Ford - Hyd. Roller 302HO & 351W	Fair	2000-4800	289/299	222/232	510/534	107/117	110lbs on seat / 280lbs open

## NEW! LS SERIES CAMSHAFTS

Our performance LS Series camshafts are a great choice when you're looking to add horsepower. These precision-engineered, extensively-tested camshafts allow you to choose the best cam for your LS application.



PART NO.	APPLICATION	IDLE	BASIC RPM RANGE	ADV. DUR.	DUR. @ .050	VALVE LIFT	LOBE SEPARATION	REC. SPRING PRESSURES
158770HR	Hydraulic Roller	Fair	2000-6000	289/300	225/236	525/525	110	130-150lbs on seat / 350-400lbs open
158773HR	Hydraulic Roller	Rough	2000-6000	295/336	234/277	595/595	107	130-150lbs on seat / 350-400lbs open
156972HR	Hydraulic Roller	Rough	2000-6500	298/309	236/246	612/612	110	130-150lbs on seat / 350-400lbs open

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## DEGREE BUSHING KIT

A must for proper degreasing of camshafts. Each bushing is precision machined and color coded for easy identification. Package of 1 each 2°, 4°, 6°, 8°, 0°. Requires 12/32" drill bit.



PART NO.	DESCRIPTION
300-10	SB Chevy & BB Chevy - Degree Bushing Kit

## 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
15024	Universal Heads-On Degree Wheel Kit - 9.000" Dia. Wheel - Case Included

## 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/BBB	DELPHI	128
ML817R-16	VL66RH	HL1817HP	SBC/BBB	DELPHI	128
ML900H-16	VL035	HL1900	SBF/BBF	EATON	122
ML900R-16	VL67RH	HL1900HP	SBF/BBF	EATON	122
ML951H-16	VL049	HL1951	PONTIAC	EATON	128
ML969H-16	VL73	HL1969	BUICK	EATON	---
ML976H-16	VL64	HL1976	BB CHRYSLER	EATON	117
ML992M-16	VL063	VT1992	SBC/BBB	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

**NEW!**

## GM LS LIFTER GUIDES

These units are the newer design LS2 trays used in all current LS builds except for the active cylinder management engines. This guide features increase support in the design.



PART NO.	DESCRIPTION
595365-4	LS Lifter Guide - Fits all LS engines not using active cylinder management - 4 Pack - GM # 12595365
551163-4	Lifter Guide Retaining Bolt - Use 1 per lifter guide, 4 per engine 4 Pack - GM# 12551163

**NEW!**

## GENUINE LS DELPHI HYDRAULIC ROLLER LIFTERS

Performance LS-Series Hydraulic Roller Lifters are available as original equipment manufacturer (OEM) production replacement lifters for your everyday driver/street machine or racing lifters developed by GM Racing and Powertrain division to withstand the rigors of sustained high rpm usage.



PART NO.	DESCRIPTION
ML9225H-16	All LS applications using GM lifter guides, LS7 Type - Set of 16 GM # 12499225 & Delphi # 25341990
12499225	Tray of 128 Genuine LS Delphi Lifters

## LIFTER SETS

Manufactured from wear resistant cast iron.



HYDRAULIC	MECHANICAL	APPLICATION
ML817-16	ML992M-16	SB Chevy / BB Chevy - 16 Pack
ML817H-TRAY	---	SB Chevy / BB Chevy - 128 Pack
ML900H-16	ML48M-16	SB Ford / BB Ford 429-460 - 16 Pack
ML2083H-16	---	Ford FE 352 / 390 / 428 - 16 Pack
ML2011H-16	---	SB Chrysler / AMC V8 - 16 Pack
ML976H-16	---	BB Chrysler - 16 Pack
ML951H-16	---	Pontiac / Oldsmobile V8 - 16 Pack
ML969H-16	---	Buick 350, 455 - 16 Pack

## 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
ML163H-16	BB Chevy Gen V & VI
ML2205H-16	SB Ford 302, 302HQ, 5.0L (1985-2000), & 351W (1994-97)

## EXTREME DUTY MECHANICAL 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
10710-16	SB Chevy & BB Chevy
50710-16	SB Ford & BB 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
ML817R-16	SB Chevy & BB Chevy
ML900R-16	SB Ford & BB Ford





## STAMPED STEEL 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
13020	SB Chevy 3/8" Stud - 1.5 Ratio Long Slot
13051	SB Chevy 3/8" Stud - 1.6 Ratio Long Slot
13025	PRO SERIES - SB Chevy 3/8" Stud - 1.5 Ratio Long Slot
13026	PRO SERIES - SB Chevy 3/8" Stud - 1.6 Ratio Long Slot

## STAMPED STEEL 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
13050	SB Chevy 3/8" Stud - 1.5 Ratio
13050-2	SB Chevy 3/8" Stud - 1.5 Ratio - 2 Pack
13056	SB Chevy 3/8" Stud - 1.6 Ratio
13038-2	3/8" Rocker Arm Balls & Nuts - Heat Treated, Grooved - 2 Pack
13038-8	3/8" Rocker Arm Balls & Nuts - Heat Treated, Grooved - 8 Pack

## PERFORMANCE SERIES ALUMINUM ROCKERS

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.	DESCRIPTION
35011	SB Chevy 3/8" Stud - 1.5 Ratio
35012	SB Chevy 3/8" Stud - 1.6 Ratio
35013	SB Chevy 7/16" Stud - 1.5 Ratio
35014	SB Chevy 7/16" Stud - 1.6 Ratio
45411	BB Chevy 7/16" Stud - 1.7 Ratio
30211	SB Ford 3/8" Stud - 1.6 Ratio

## STAINLESS STEEL ROCKERS

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



PART NO.	DESCRIPTION
35031	SB Chevy 3/8" Stud - 1.5 Ratio
35032	SB Chevy 3/8" Stud - 1.6 Ratio
35033	SB Chevy 7/16" Stud - 1.5 Ratio
35034	SB Chevy 7/16" Stud - 1.6 Ratio
45431	BB Chevy 7/16" Stud - 1.72 Ratio
30230	SB Ford 3/8" Stud - 1.6 Ratio
30231	SB Ford 7/16" Stud - 1.6 Ratio

## ROCKER ARM STUDS

Sets of 16. Singles are also available.



PART NO.	DESCRIPTION	TYPE	STUD UNL*	STUD SIZE
17507	SBC / SBF	190,000 psi	1.750	3/8"
17517	SBC / BBC / SBF	150,000 psi	1.765	7/16"
17527	SBC / BBC / SBF	190,000 psi	1.925	7/16"

\*Under Nut Length

## VALVE SPRING ID LOCATORS AND OD 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.



**NEW!**

## GM LS SERIES VALVE SPRING LOCATORS

As with all other areas in the valvetrain, the area where the spring sits also takes a beating. The old standard shims and/or seats simply will not hold up to the extreme pressures and high rpm found in today's performance engines. Engine Works valve spring locators solve this problem and eliminate failures. Sold in packages of 16.

PART NO.	SPRING O.D.	O.D.	L.O.	SHOULDER O.D.
250-16	1.300	1.270	0.505	.655
251-16	1.300	1.270	0.565	.655

PART NO.	TYPE	O.D.	L.O.	SPRING OD	SPRING ID
252-16	ID Locator	1.550	.637	---	.740
253-16	ID Locator	1.610	.637	---	.740
254-16	ID Locator	1.490	.565	---	.720
255-16	ID Locator	1.620	.565	---	.740
256-16	ID Locator	1.570	.565	---	.810
257-16	ID Locator	1.550	.565	---	.715
261-16	OD Cup Locator	1.550	.690	1.440	---
262-16	OD Cup Locator	1.585	.640	1.475	---
263-16	OD Cup Locator	1.630	.640	1.510	---
264-16	OD Cup Locator	1.685	.640	1.565	---
265-16	OD Cup Locator	1.740	.640	1.645	---



## HEAVY-DUTY VALVE SPRINGS

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

PART NO.	DESCRIPTION	SEAL PRESSURE @ INSTALLED HEIGHT	OPEN GROSS MAX LIFT PRESSURE	COIL BMD
900-16	Single Spring w/ Damper 1.260 OD / .876 ID	110 lbs @ 1.700	285 lbs @ 1.210	1.16
905-16	Single Spring w/ Damper 1.430 OD / 1.030 ID	110 lbs @ 1.700	300 lbs @ 1.150	1.10
910-16	Single Spring w/ Damper 1.475 OD / 1.055 ID	115 lbs @ 1.800	265 lbs @ 1.300	1.24
915-16	Single Spring w/ Damper 1.460 OD / 1.060 ID	115 lbs @ 1.820	245 lbs @ 1.320	1.15
920-16	Single Spring w/ Damper 1.260 OD / .876 ID	115 lbs @ 1.800	350 lbs @ 1.200	1.15
925-8	Dual Spring w/ Damper 1.430 OD / 1.030 ID / .955 OD Inner .700 ID Inner	150 lbs @ 1.700	375 lbs @ 1.210	1.10
927-16	Single Spring w/ Damper 1.265 OD / .876 ID	145 lbs @ 1.750	365 lbs @ 1.200	1.16
940-16	Dual Spring w/ Damper 1.440 OD / 1.080 ID / .955 OD Inner .700 ID Inner	140 lbs @ 1.800	330 lbs @ 1.250	1.125
942-16	Dual Spring w/ Damper 1.460 OD / 1.060 ID / .955 OD Inner .700 ID Inner	140 lbs @ 1.850	385 lbs @ 1.250	1.15
945-16	Dual Spring w/ Damper 1.460 OD / 1.060 ID / .975 OD Inner .710 ID Inner	150 lbs @ 1.850	400 lbs @ 1.250	1.15
960-16	Dual Spring w/ Damper 1.540 OD / 1.125 ID / 1.015 OD Inner .730 ID Inner	190 lbs @ 1.940	450 lbs @ 1.375	1.20
980-16	Dual Spring NO/ Damper 1.500 OD / 1.120 ID / 1.110 OD Inner .795 ID Inner	180 lbs @ 1.850	470 lbs @ 1.125	1.07
985-16	Dual Spring w/ Damper 1.550 OD / 1.115 ID / 1.025 OD Inner .725 ID Inner	225 lbs @ 1.950	580 lbs @ 1.250	1.19
989-16	Dual Spring w/ Damper 1.560 OD / 1.140 ID / 1.040 OD Inner .750 ID Inner	240 lbs @ 2.000	590 lbs @ 1.280	1.19
992-16	Dual Spring w/ Damper 1.625 OD / 1.180 ID / 1.060 OD Inner .765 ID Inner	230 lbs @ 2.000	650 lbs @ 1.250	1.15

## 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.

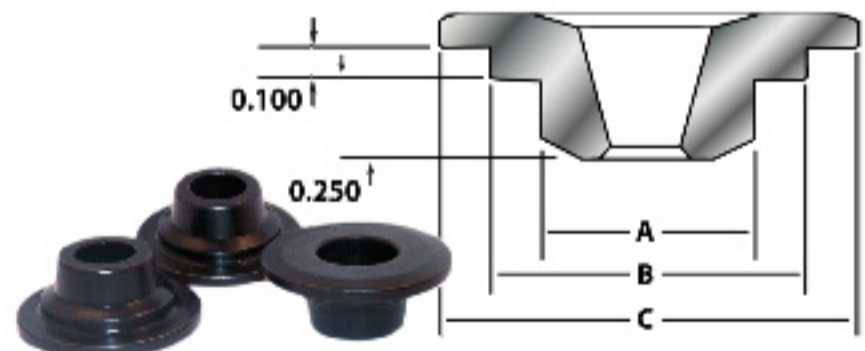
PART NO.	O.D. SIZE	L.D. SIZE	NOTES
99250	1.250	0.814	.015, .030, .060
99330 <b>NEW!</b>	1.330	0.600	GM LS Series (Hardened)
99437	1.437	0.645	.015, .030, .060
99438	1.438	0.766	.015, .030, .060
99480	1.480	0.765	.015, .030, .060
99500	1.500	0.645	.015, .030, .060
99640	1.640	0.643	.015, .030, .060 (Hardened)
1153-100	1.500	0.645	.015 Thickness
11855HP-100	1.634	0.643	.015 Thickness (Hardened)
3153-100	1.500	0.645	.030 Thickness
31855HP-100	1.634	0.643	.030 Thickness (Hardened)
6153-100	1.500	0.645	.060 Thickness
61855HP-100	1.634	0.643	.060 Thickness (Hardened)

## NEW! LS VALVE SPRING RETAINERS



Our Engine Works retainers are precision-machined from 4140 chromoly steel and finished in black oxide. These retainers are made to maintain high strength and have a lightweight design. Sold in packages of 16.

PART NO.	DESCRIPTION
550-16	Steel - Beehive - STD Size - 7° - 8mm Valve - 1.030" OD x 0.640" Inner Step (Will work with PAC 1218 or 1219 springs)
551-16	Steel - Stock - STD Size - 7° - 8mm Valve - 1.240" OD x 0.945" 1st Step x 0.690" Inner Step (Will work with PAC 1904 or 1905)



## STEEL AND TITANIUM RETAINERS 7° AND 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.	MATERIAL	SPRING #	SPRING SIZE	LOCK DEGREE	STEM SIZE	INSTALLED HEIGHT	A	B	C
500-16*	Steel	900/920	1.260 Single	7°	11/32"	STD	0.665	0.86	1.2
501-16	Steel	900/920/927	1.260 Single	7°	11/32"	0.05	0.6	0.86	1.24
502-16	Steel	910/915/940/942/945	1.4 to 1.55 Dual	7°	11/32"	STD	0.69	1.06	1.4
503-16	Steel	940/942/945	1.4 to 1.55 Dual	7°	11/32"	0.05	0.7	1.06	1.4
504-16	Steel	910/915/945	1.4 to 1.55 Dual	7°	3/8"	0.05	0.7	1.06	1.4
505-16	Steel	960/980	1.4 to 1.55 Dual	7°	3/8"	0.05	0.7	1.12	1.49
507-16	Steel	905/925	1.4 to 1.55 Dual	7°	11/32"	STD	0.65	1	1.34
510-16	Steel	910/915/940/942/945	1.4 to 1.55 Dual	10°	All	STD	0.695	1.06	1.4
512-16	Steel	960/980/985/987/989	1.5 to 1.55 Dual	10°	All	STD	0.695	1.12	1.49
513-16	Steel	992	1.625 Dual	10°	All	STD	0.64	1.18	1.575
520-16	Titanium	940/942/945	1.437 to 1.550	10°	All	STD	0.695	1.06	1.4
521-16	Titanium	960/980/985/987/989	1.550 Dual	10°	All	STD	0.695	1.12	1.49
525-16	Titanium	992	1.625 Dual	10°	All	STD	0.64	1.18	1.575



## 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	O.D.	DEGREES
SRK915	SB Chevy / SB Ford	Solid or Hyd. Roller	1.460"	7°
SRK940	SB Chevy / SB Ford	Solid or Hyd. Roller	1.437"	7°
SRK945	SB Chevy / SB Ford	Solid or Hyd. Roller	1.460"	10°
SRK960	SB Chevy / SB Ford	Roller Cam	1.539"	10°
SRK989	BB Chevy / SB Ford	Roller Cam	1.550"	10°
SRK900	SB Chevy	Mild Hyd/Stock	1.260"	7°
SRK920	SB Chevy	Hydraulic/Solid	1.260"	7°
SRK927	SB Chevy	Solid or Hyd Roller	1.260"	7°
SRK985	SB / BB Chevy	Roller Cam	1.550"	10°
SRK980	SB Ford	Roller Cam	1.500"	10°
SRK905	Pontiac	Mild Hydraulic	1.435"	7°
SRK910	BB Chrysler	Hydraulic	1.475"	7°



## NEW! LS VALVE STEM SEALS

The valve stem seal allows a carefully defined amount of engine oil from the cylinder head into the combustion chamber allowing a necessary lubrication of the rotating valve stem in the valve guide.



PART NO.	DESCRIPTION
131900-16	OE Guide w/ Beehive Spring - Top Hat Style (8mm x .500 Guide x .640 OD) 16pk
131805-16	Metal Clad Viton - OE or Aftermarket (8mm x .500 Guide x .600 OD) 16pk



## OE REPLACEMENT STEM SEALS

Original equipment replacement seals for Street & Strip applications.

16-PACK	100-PACK	APPLICATION	SEAL TYPE
---	11100-100	SB Chevy	O-Ring
11135-16	11135-100	SB Chevy	Umbrella
11145-16	11145-100	BB Chevy	Umbrella

## TEFLON VALVE STEM SEALS

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



16-PACK	100-PACK	STEM DIAMETER	GUIDE DIAMETER
12340-16	12340-100	.312" - 11/32"	.500"
12343-16	12343-100	.343" - 11/32"	.530"
12370-16	12370-100	.343" - 3/8"	.500"
12375-16	12375-100	.373" - 3/8"	.530"
11312-16	---	.312" - 5/16"	.530"

## 7° AND 10° VALVE LOCKS

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



16-PACK	100-PACK	DESCRIPTION	DEGREES	STEM SIZE	INSTALL HEIGHT
201-16	201-100	Stamped	7°	11/32"	Stock
202-16	202-100	Stamped	7°	11/32"	+.050
203-16	203-100	Stamped	7°	11/32"	-.030
204-16	204-100	Stamped	7°	11/32"	-.060
210-16	210-100	Stamped	7°	3/8"	Stock
220-16	220-100	Machined	7°	11/32"	Stock
225-16	---	Machined	7°	3/8"	Stock
230-16*	---	Machined	10°	11/32"	Stock
231-16	---	Machined	10°	11/32"	+.050
232-16	232-100	Forged	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

\*230-16 with Lash Cop Recess

## NEW! LS VALVE LOCKS

These Performance valve locks are manufactured from durable steel. Suitable for both production and racing engines. Sold in packages of 16.



PART NO.	DESCRIPTION
278-16	Stamped - Radial Bead - 7° - 8mm - Stock Height
279-16	Machined - Radial Bead - 7° - 8mm - Stock Height

## VITON VALVE STEM SEALS

Available in packages of 16 and 100.



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

## 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.



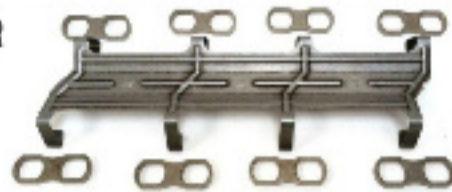
16-PACK	STEM DIAMETER	GUIDE DIAMETER
11340-16	.343" - 11/32"	.500"
11373-16	.373" - 3/8"	.530"



**NEW!**

## SB CHEVY ROLLER LIFTER RETAINER KIT

- 1986-97 SB Chevy V8
- Includes: Retainer, 3 Mounting Bolts, & 8 Clips



PART NO.	DESCRIPTION
350RLRKIT	1986-97 SB Chevy 350 Roller Lifter Retainer Kit

## VALVETRAIN KITS

Kit contains:

- Valves
- Springs
- Retainers
- Locks



PART NO.	DESCRIPTION
VTK100	SB Chevy, w/ #900 Springs, 1.600 & 2.02 Valves
VTK101	SB Chevy, w/ #900 Springs, 1.500 & 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

## STREET SERIES VALVES

- 21-4AN Stainless Steel
- Chrome stem and micropolished
- Sold as Singles



1-PACK	TYPE	HEAD DIAMETER	STEM DIAMETER	TIP LENGTH	OVERALL LENGTH
211150	Exhaust	1.500	11/32"	.270	4.910"
211160	Exhaust	1.600	11/32"	.290	4.900"
211194	Intake	1.940	11/32"	.260	4.900"
211202	Intake	2.020	11/32"	.260	4.900"
221188	Exhaust	1.880	3/8"	.220	5.360"
221219	Intake	2.190	3/8"	.220	5.225"

## STREET / STRIP SERIES VALVES

1-PACK	8-PACK	TYPE	HEAD DIAMETER	STEM DIAMETER	TIP LENGTH	OVERALL LENGTH
215150	215150-8	Exhaust	1.500	11/32"	.255"	Stock 4.910
215160	215160-8	Exhaust	1.600	11/32"	.250"	Stock 4.910
215161	215161-8	Exhaust	1.600	11/32"	.255"	+ .100 5.025
215194	215194-8	Intake	1.940	11/32"	.255"	Stock 4.910
215202	215202-8	Intake	2.020	11/32"	.255"	Stock 4.910
215203	215203-8	Intake	2.020	11/32"	.250"	+ .100 5.025
215205	215205-8	Intake	2.055	11/32"	.255"	Stock 4.910
215206	215206-8	Intake	2.055	11/32"	.250"	+ .100 5.025
215209	215209-8	Intake	2.080	11/32"	.255"	+ .100 5.025

## LASH CAPS

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



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

## SB CHEVY STREET VALVETRAIN KITS

Kit contains:

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



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

## STREET / STRIP SERIES VALVES

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



ELECTRICAL

FUEL & AIR

INTERNAL ENGINE

VALVETRAIN

TIMING

OIL SYSTEMS

GASKETS

FASTENERS

PLUMBING & COOLING

TRANSMISSION & DRIVETRAIN

EXHAUST & GAUGES

TOOLS & SAFETY

INDEX



## PERFORMANCE SERIES VALVES

- XH-424 & NK-841
- Made in the USA
- Proven extreme increase in flow
- Recommended for bracket racing and hardcore oval
- Hard tips, chrome stems, swirl polished
- Undercut stems on SBC Valves; All valves are fully machined

SINGLE	8-PACK	TYPE	HEAD DIAMETER	STEM DIAMETER	TIP LENGTH	OVERALL LENGTH
216150	216150-8	Exhaust	1.500	11/32"	.250"	4.911
216151	216151-8	Exhaust	1.500	11/32"	.290"	5.025
216160	216160-8	Exhaust	1.600	11/32"	.250"	4.911
216161	216161-8	Exhaust	1.600	11/32"	.290"	5.065
216162	216162-8	Exhaust	1.600	11/32"	.290"	5.165
216163	216163-8	Exhaust	1.625	11/32"	.290"	5.065
216194	216194-8	Intake	1.940	11/32"	.250"	4.911
216195	216195-8	Intake	1.940	11/32"	.290"	5.025
216202	216202-8	Intake	2.020	11/32"	.250"	4.911
216203	216203-8	Intake	2.020	11/32"	.290"	5.04
216204	216204-8	Intake	2.020	11/32"	.290"	5.125
216205	216205-8	Intake	2.055	11/32"	.250"	4.911
216206	216206-8	Intake	2.055	11/32"	.290"	5.04
216208	216208-8	Intake	2.080	11/32"	.290"	5.04
216209	216209-8	Intake	2.080	11/32"	.290"	5.14
216210	216210-8	Intake	2.100	11/32"	.290"	5.04
216188	216188-8	Exhaust	1.880	11/32"	.250"	5.422
216189	216189-8	Exhaust	1.880	11/32"	.250"	5.522
216219	216219-8	Intake	2.190	11/32"	.250"	5.244
216220	216220-8	Intake	2.190	11/32"	.250"	5.344
216225	216225-8	Intake	2.250	11/32"	.250"	5.244
216226	216226-8	Intake	2.250	11/32"	.250"	5.344
216227	216227-8	Intake	2.250	11/32"	.250"	5.494
217188	217188-8	Exhaust	1.880	3/8"	.220"	5.35
217219	217219-8	Intake	2.190	3/8"	.220"	5.218
217225	217225-8	Intake	2.250	3/8"	.220"	5.218

## CLAIMER SERIES PUSHRODS .060" WALL

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



PART NO.	APPLICATION	WALL	LENGTH	OVERALL LENGTH	TUBING DIAMETER
156905	SB Chevy	0.060"	---	6.900"	5/16"
157818	1955-87 SB Chevy 262-400, Heat-Treated	0.060"	Stock	7.800"	5/16"
157918	SB Chevy	0.060"	---	7.900"	5/16"
158249	1965-90 BB Chevy 396-502, Heat-Treated	0.060"	Stock	8.280"	3/8"
159244-8	1965-90 BB Chevy 396-502, Heat-Treated (8-Pack)	0.060"	Stock	9.250"	3/8"
156272	SB Ford	0.060"	---	6.272"	5/16"

## COMPETITION SERIES PUSHRODS .065" WALL

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



PART NO.	APPLICATION	WALL	LENGTH	OVERALL LENGTH	TUBING DIAMETER
250688-8	SB Chevy	0.065"	---	6.884"	5/16"
210780-8	1955-87 SB Chevy 262-400, Heat-Treated	0.065"	Stock	7.800"	5/16"
210790-8	1955-87 SB Chevy 262-400, Heat-Treated	0.065"	+1000	7.900"	5/16"
250815-8	SB Chevy	0.065"	---	8.144"	5/16"
220828-8	1965-90 BB Chevy 396-502, Heat-Treated	0.065"	Stock	8.280"	3/8"
220838-8	BB Chevy	0.065"	---	8.380"	3/8"
220925-8	1965-90 BB Chevy 396-502, Heat-Treated	0.065"	---	9.250"	3/8"
220935-8	BB Chevy	0.065"	---	9.350"	3/8"



## 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 .050". 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)\*

2-PACK	8-PACK	DIAMETER	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

2-PACK	8-PACK	DIAMETER	LENGTH
300775	300775-8	5/16	7.750
300780	300780-8	5/16	7.800
300785	300785-8	5/16	7.850
300790	300790-8	5/16	7.900
300795	300795-8	5/16	7.950
300800	300800-8	5/16	8.000
300805	300805-8	5/16	8.050
300810	300810-8	5/16	8.100
300815	300815-8	5/16	8.150
300820	300820-8	5/16	8.200
300825	300825-8	5/16	8.250
300830	300830-8	5/16	8.300
300835	300835-8	5/16	8.350
300840	300840-8	5/16	8.400
300845	300845-8	5/16	8.450
300850	300850-8	5/16	8.500
300855	300855-8	5/16	8.550
300860	300860-8	5/16	8.600
300865	300865-8	5/16	8.650
300870	300870-8	5/16	8.700
300875	300875-8	5/16	8.750
300880	300880-8	5/16	8.800
300885	300885-8	5/16	8.850
300890	300890-8	5/16	8.900
300895	300895-8	5/16	8.950
300900	300900-8	5/16	9.000
300905	300905-8	5/16	9.050
300910	300910-8	5/16	9.100
300915	300915-8	5/16	9.150
300920	300920-8	5/16	9.200
300925	300925-8	5/16	9.250

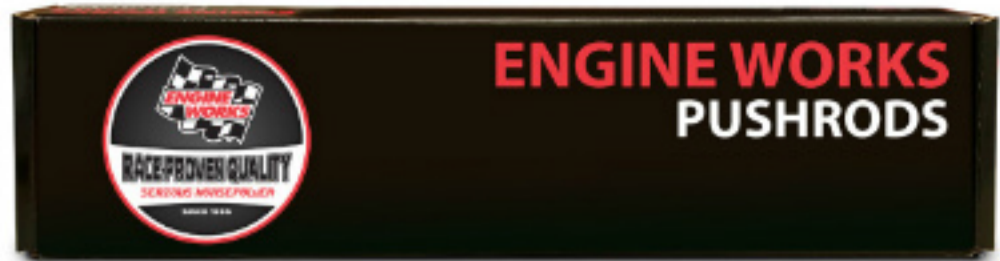
2-PACK	8-PACK	DIAMETER	LENGTH
310750	310750-8	3/8	7.500
310755	310755-8	3/8	7.550
310760	310760-8	3/8	7.600
310765	310765-8	3/8	7.650
310770	310770-8	3/8	7.700
310775	310775-8	3/8	7.750
310780	310780-8	3/8	7.800
310785	310785-8	3/8	7.850
310790	310790-8	3/8	7.900
310795	310795-8	3/8	7.950
310800	310800-8	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



## NEW! LS SERIES PUSHRODS .080" WALL

- Laser Etched
- Heat Treated

8-PACK	DIAMETER	LENGTH
3007325-8	5/16	7.325"
300735-8	5/16	7.350"
3007375-8	5/16	7.375"
300740-8	5/16	7.400"
3007425-8	5/16	7.425"
300745-8	5/16	7.450"
3007475-8	5/16	7.475"



### PERFORMANCE SERIES PUSHRODS .105" WALL

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

8-PACK	DIAMETER	LENGTH
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
1055795-8	5/16	7.950
1055800-8	5/16	8.000
1055805-8	5/16	8.050

8-PACK	DIAMETER	LENGTH
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
1055855-8	5/16	8.550
1055860-8	5/16	8.600
1055865-8	5/16	8.650
1055870-8	5/16	8.700
1055875-8	5/16	8.750
1055880-8	5/16	8.800

8-PACK	DIAMETER	LENGTH
1055885-8	5/16	8.850
1055890-8	5/16	8.900
1055895-8	5/16	8.950
1055900-8	5/16	9.000
1055905-8	5/16	9.050
1055910-8	5/16	9.100
1055915-8	5/16	9.150
1055920-8	5/16	9.200
1055925-8	5/16	9.250
1055930-8	5/16	9.300
1055935-8	5/16	9.350
1055940-8	5/16	9.400
1055945-8	5/16	9.450
1055950-8	5/16	9.500
1055955-8	5/16	9.550

### PERFORMANCE SERIES PUSHRODS .135" WALL

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



8-PACK	DIAMETER	LENGTH
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

8-PACK	DIAMETER	LENGTH
1353840-8	3/8	8.400
1353845-8	3/8	8.450
1353850-8	3/8	8.500
1353855-8	3/8	8.550
1353860-8	3/8	8.600
1353865-8	3/8	8.650
13538675-8	3/8	8.675
1353870-8	3/8	8.700
1353875-8	3/8	8.750
1353880-8	3/8	8.800
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

8-PACK	DIAMETER	LENGTH
1353935-8	3/8	9.350
1353940-8	3/8	9.400
1353945-8	3/8	9.450
1353950-8	3/8	9.500
1353955-8	3/8	9.550
1353960-8	3/8	9.600
1353965-8	3/8	9.650
1353970-8	3/8	9.700
1353975-8	3/8	9.750
1353980-8	3/8	9.800
1353985-8	3/8	9.850
1353990-8	3/8	9.900
1353995-8	3/8	9.950
13531000-8	3/8	10.000
13531005-8	3/8	10.050
13531010-8	3/8	10.100
13531015-8	3/8	10.150
13531020-8	3/8	10.200
13531025-8	3/8	10.250

**Same Day Shipping From All of Our Fully Stocked Warehouses!**



# TIMING



## PRO-BILLET SERIES TIMING CHAINS

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

DOUBLE ROLLER	SINGLE ROLLER	.005" UNDERSIZE	.010" UNDERSIZE	APPLICATION	ROLDN CHAIN #	TWIS CHAIN #
10010	---	10010-5	10010-10	SB Chevy 262-400 (1955-96)	3DR-58R	3DR-58G
10010TB	---	---	---	Thrust Bearing for SB Chevy / BB Chevy	---	---
10310	---	---	---	SB Chevy w/ BB Chevy Crank Snout, Standard Height	3DR-58R	3DR-58G
10320	---	---	---	SB Chevy +.391 Raised / Olds Rocket Block / Dart Iron Eagle w/ SB Crank Snout	3DR-60R	---
10030	---	10030-5	10030-10	BB Chevy 396-454	3DR-66R	3DR-66G
19055	---	---	---	SB Chevy (1985-2002) w/Factory Hydraulic Roller Cam	3DR-58R	3DR-58G
19665	---	---	---	SB Chevy +.391 Raised Cam w/ BB Chevy Crank Snout	3DR-60R	---
19335	---	---	---	LS1 (1997-2006), 3-Bolt Cam - No Sensors	3DR-60R	---
19435	19435S	---	---	LS2 (2003-2007), 3-Bolt Cam - 1 Sensor (Also works with no Sensors)	3DR-60R	---
19535	19535S	---	---	LS2 / LS3 (2007-2014), 6.0L-6.2L, 1-Bolt Cam - 4 Sensors	3DR-60R	---
29635	29635S	---	---	LS2 / LS3 (2006-2007), 6.0L-6.2L, 3-Bolt Cam - 4 Sensors	3DR-60R	---
19775	---	---	---	LS7 (2006-2010), 7.0L, 3-Bolt Cam - 4 Sensors	3DR-60R	---
29735	---	---	---	BB Chevy Gen VI (1996-2000)	3DR-66R	3DR-66G
10070	---	10070-5	---	SB Ford 302-351W (1962-71) w/1-PC fuel pump eccentric	3DR-58R	3DR-58G
10070TB	---	---	---	Replacement Thrust Bearing for SB Ford 302 / 351W	---	---
10150	---	10150-5	10150-10	SB Ford 302-351W (1972 & Up) w/2-PC fuel pump eccentric	3DR-58R	3DR-58G
59125	---	---	---	Ford 351C / 351M / 400 (1970-82)	3DR-64R	---
79805	---	---	---	Ford FE 352-428 (1964-78)	3DR-64R	---
79035	---	---	---	BB Ford 429-460 (1972-87) Stock Single Dowel Camgear	3DR-66R	3DR-66G
79035-2D	<b>NEW!</b>	---	---	BB Ford 429-460 (1972-87) Dual Dowel Camgear	3DR-66R	3DR-66G
10040	---	---	---	SB Chrysler 273-392 Non Torrington Bearing	3DR-68R	---
10060	---	---	---	BB Chrysler 361-440 3-Bolt Cam	3DR-66R	3DR-66G
09505	---	---	---	Chrysler 5.7-6.1L, (2003-10) HEMI, (2005-08)	3DR-72R	---
49405	---	---	---	BB Chrysler 361-440 Single Bolt	3DR-66R	3DR-66G
10120	---	10120-5	10120-10	Pontiac V8 287-455 (1955-79)	3DR-60R	---

## COMPETITION SERIES SEAMLESS DOUBLE ROLLER

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



PART NO.	DESCRIPTION
10025	SBC 1985-02, w/ Factory Hyd Roller Cam
10800	SB Chevy 262-400 (1955-96)
20800	BB Chevy 396-454 Non Torrington Bearing
20802	BB Chevy 396-454 w/ Torrington bearing
68218	Buick V6, 196-231 w/ Integral distributor drive gear
69218	Buick V6, 196-231 w/o Integral distributor drive gear
50800	SB Ford 302-351W (1962-71) w/1-PC FP eccentric
50803	SB Ford 302-351W (1972-Up) w/2-PC FP eccentric
51218	Ford 351C, 351M, 400
58018	Ford FE 352-428
70800	BB Ford 429-460
30800	SB Chrysler 273-392
40800	BB Chrysler 361-440 1-Bolt Cam
40801	BB Chrysler 361-440 3-Bolt Cam
98118	AMC 290-401 (1966-79)
90800	Pontiac V-8 287-455 (1955-79)
83118	Oldsmobile 260-455 (1964-87)

## SPORTSMAN SERIES DOUBLE ROLLER

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



PART NO.	DESCRIPTION
10700	SB Chevy 262-400 (1955-96)
20700	BB Chevy 396-454 (1965-98)
50700	SB Ford 302-351W (1962-71) w/1-PC FP eccentric
50705	BB Ford 429-460
34203	SB Chrysler 273-392 (1956-91)
40700	BB Chrysler 361-440 1-Bolt Cam

## SINGLE ROLLER TIMING CHAIN

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



PART NO.	DESCRIPTION
21838	SB Chevy (1985-2002) w/Factory Hyd Roller Cam
26338	BB Chevy (Late 1999-2000), Gen VI
27338	BB Chevy (1996-Early 1999), Gen VI
28538	BB Chevy (2001), 8.1L
29538	BB Chevy (2002-2003), 8.1L

ELECTRICAL

FUEL &amp; AIR

INTERNAL ENGINE

VALVETRAIN

TIMING

OIL SYSTEMS

GASKETS

FASTENERS

PLUMBING &amp; COOLING

TRANSMISSION &amp; DRIVETRAIN

EXHAUST &amp; GAUGES

TOOLS &amp; SAFETY

INDEX





## ADJUSTABLE CAM GEAR TIMING SETS

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



PART NO.	DESCRIPTION
10078	SB Chevy (1955-96) w/ TB, w/ Rolon Chain
10678	SB Chevy +.391 Raised Cam / Rocket block w/ SB crank snout, w/ Rolon Chain
15000-5	SB Chevy (1955-96) w/ TB, w/ Rolon Chain, -.005 CD
15678	SB Chevy, w/BBC crank snout, w/ TB, w/ Rolon Chain, Std Height
20178	BB Chevy 396-454 (1965-98) w/ TB, w/ Rolon Chain
50278	SB Ford Early (1962-71) w/ TB, w/ Rolon Chain, w/1-PC FP eccentric
51578	SB Ford Late (1972-Up) w/ TB, w/ Rolon Chain, w/2-PC FP eccentric
70378	BB Ford 429-460 (1972-87) w/ TB, w/ Rolon Chain
05078	Chrysler Hemi 5.7L / 6.1L, w/ TB, w/ Rolon Chain

## SB CHEVY TIMING COVER

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



PART NO.	DESCRIPTION
130050	SB Chevy - Stamped Steel
130060	SB Chevy - w/ BB Chevy Crank Snout

## SB CHEVY 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
130052	SB Chevy - Polished Finish

## TWO-PIECE SB CHEVY TIMING COVER

- 2-Piece cover
- Gaskets included



PART NO.	DESCRIPTION
130055	SB Chevy - 2-Piece Timing Cover

## COMPETITION GEAR DRIVES

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



PART NO.	DESCRIPTION
10548	SB Chevy (1985-02), w/TB, w/Factory Hyd roller cam
10900	SB Chevy 262-400 w/TB, Noisy
10901	SB Chevy 262-400 w/TB, Quiet
20148	BB Chevy, w/ TB, Quiet
20900	BB Chevy, w/ TB, Noisy
25148	BB Chevy (1996-Early 1999) Gen VI
50900	SB Ford, w/ Bronze Washer
50905	BB Ford, 429-460 w/ Bronze washer

## NEW! LS TIMING COVERS

Engine Works timing covers are built to the highest quality standards to ensure an excellent fit and leak-free seal.



PART NO.	DESCRIPTION
556623	Cover w/o Sensor Hole - Does have front seal installed - GM# 12556623
633906	Front Cover - Comes w/ sensor, sensor pigtail & bracket, and seal - GM# 12633906
633906B	Front Cover - Comes w/ sensor hole provision & seal (No sensor or sensor bracket) - GM# 12633906B

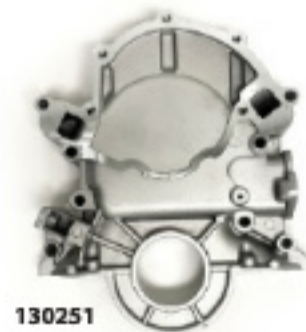
## BB CHEVY TIMING COVER

- 33% Stronger than stock
- Stamped steel
- Unpainted



PART NO.	DESCRIPTION
130080	BB Chevy - Stamped Steel

## SB FORD TIMING COVERS



PART NO.	DESCRIPTION
130250	1969-84 SB Ford 302 / 351W w/ Mechanical Fuel Pump Mount (No Dipstick)
130251	1983-89 SB Ford 302 / 351W w/ Mechanical Fuel Pump Mount, Magnetic Crank Pickup Mount, and Passenger Side Oil Dipstick Provision. (Can be used on some EFI applications when using a fuel pump block off plate)



## BILLET TIMING POINTERS

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

PART NO.	10-PACK	APPLICATION
100353	100353-10	Small Block Chevy ATI 6-3/8" Damper
100354	100354-10	Small Block Chevy 6-3/4" Damper
100355	---	Small Block Chevy 6" or 6-1/8" - ATI - BHJ
100356	100356-10	Small Block Chevy 6-1/4" Damper
100357	100357-10	Small Block Chevy 7-1/4" Damper
100358	100358-10	Small Block Chevy 8" Damper
100359	100359-10	Small Block Chevy ATI 7" Damper
100456	100456-10	Big Block Chevy 6-1/4" Damper
100457	100457-10	Big Block Chevy 7-1/4" Damper
100458	100458-10	Big Block Chevy 8" Damper
100459	---	Big Block Chevy ATI 7" Damper
100310	---	Small Block Ford 302/351W Right Side - 10 O'Clock <b>NEW!</b>
100311	---	Small Block Ford 302/351W Right Side - 11 O'Clock <b>NEW!</b>



## LONG BOLT SET

Long bolts set. For use with aluminum cover.

PART NO.	DESCRIPTION
100356LB	Long Bolt Set



## OIL SYSTEMS



**NEW!**

### LS ALUMINUM REAR SUMP RETRO-FIT OIL PANS

These pans are composed of lightweight cast aluminum, and designed to allow for increased clearance to the ground and chassis. It will fit many GM rear-wheel drive applications originally equipped with a small or big block Chevy engine and factory rear sump pan. Meticulously designed, it will mount perfectly to any wet-sump LS engine and take the stock oil filter. Can be used with standard LS3 dipstick & tube (if desired). Accepts standard LS oil filter **WIX #57060**.

#### 301073 (LOW PROFILE)

<b>SUMP STYLE:</b>	Wet
<b>SUMP LOCATION:</b>	Rear
<b>SUMP DEPTH:</b>	5.46"
<b>MAXIMUM STROKE:</b>	3.62"
<b>OIL FILTER LOCATION:</b>	Stock
<b>SUMP OIL CAPACITY:</b>	5.7 Quarts
<b>TOTAL OIL CAPACITY:</b>	6.2 Quarts with Stock Filter
<b>BAFFLED:</b>	Yes
<b>INCLUDED:</b>	Oil Pan Gasket Sump Baffle Oil Pickup Tube Drain Plug Oil Filter Stud Oil Passage Cover Mounting Hardware

#### 301074

<b>SUMP STYLE:</b>	Wet
<b>SUMP LOCATION:</b>	Rear
<b>SUMP DEPTH:</b>	5.69"
<b>MAXIMUM STROKE:</b>	4.25"
<b>OIL FILTER LOCATION:</b>	Stock
<b>SUMP OIL CAPACITY:</b>	5.5 Quarts
<b>TOTAL OIL CAPACITY:</b>	6.0 Quarts with Stock Filter
<b>BAFFLED:</b>	Yes
<b>INCLUDED:</b>	Oil Pan Gasket Sump Baffle Oil Pickup Tube Drain Plug Oil Filter Stud Oil Passage Cover Mounting Hardware



## 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
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
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
266300	Chrysler 64-87 273 / 318 / 340	Stock Capacity
266400	Chrysler 361 / 383 / 400 / 413 / 440 / HEMI 426	Stock Capacity
266900	Pontiac 301-455, 74-81	Stock Capacity



**NEW!**

## LS SWAP OIL PAN

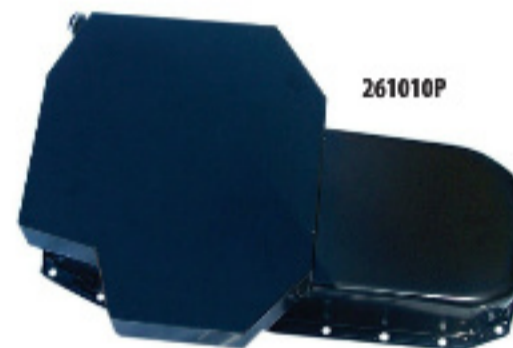
- Fabricated
- 6 QT.
- 6" Deep
- Rear Sump
- 4.125" Max Stroke
- Clear Zinc
- 10AN oil fitting integrated into the pan
- Reinforced pan lip

PART NO.	DESCRIPTION
26731Z	LS Swap Oil Pan - 6" Deep - 6 Qt.
267131	LS Oil Pickup for #26731Z

## 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
26101P	SB Chevy, Champ Style	7 qt	7"	Drivers	267102	267103**
26101Z	SB Chevy, Champ Style	7 qt	7"	Drivers	267102	267103**
26104P	SB Chevy, Circle Track	6 qt	7-1/4"	Drivers	267106	267107
26104Z	SB Chevy, Circle Track	6 qt	7-1/4"	Drivers	267106	267107
26108P	SB Chevy, Claimer Style w/Scraper	4 qt	Stock	Drivers	267110	—
26726	SB Chevy, Drag Race	7 qt	8-1/4"	Drivers	269727	—
26729	BB Chevy, Drag Race	6 qt	8-1/4"	Drivers	269730	—

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



**NEW!**

## ENGINE WORKS OIL PANS BY STEF'S

PART NO.	APPLICATION
301078	SBC-2 piece rear seal. 80-85 Blocks with passenger side dipstick as well as SHP blocks. Pan has internal baffling with windage tray and crank scraper. 8" deep, Stock Camaro/Chevelle front style pan. No pickup included. Up to 3.875 stroke.
301087	SBC 2-piece rear seal. Driver side dipstick. Pan has internal baffling with windage tray and crank scraper. 8" deep, Stock Camaro/Chevelle front style pan. No pickup included. Up to 3.875 stroke.
301088	SBC 2-piece rear seal. Driver side dipstick. Pan has internal baffling with windage tray and crank scraper. 8" deep, 4 1/2" front sump race style front. (Compare to 1088 Hamburger) No pickup included. Up to 3.875 stroke.
301487	BBC 2-piece rear seal. Mark 4 style blocks. Pan has internal baffling with windage tray and crank scraper. Set up for push in style dipstick. 8" deep, Stock Camaro/Chevelle front style pan. No pickup included. Up to 4.250 stroke.
301488	BBC 2-piece rear seal. Mark 4 style blocks. Pan has internal baffling with windage tray and crank scraper. Set up for push in style dipstick. 8" deep, 5" front sump race style front. (compare to 1488 Hamburger) No pickup included. Up to 4.375 stroke.
301605	SBF 302 (289-347) Fox body pan. 7qt 6 1/2" front sump 9" rear sump. Pan has internal baffling with windage tray and crank scraper. Pickup included. Up to 3.550 stroke.
301610	SBF 351W (351-410) Fox body pan. 7qt 6 1/2" front sump 9" rear sump. Pan has internal baffling with windage tray and crank scraper. Pickup included. Up to 4.000 stroke.



267102



269730



### STANDARD / HIGH VOLUME PICKUPS

For use with Engine Works racing oil pans.

PART NO.	DESCRIPTION
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

### OIL FILTER ADAPTER - SB CHEVY & BB CHEVY

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



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

### NEW! BB CHEVY SPIN-ON OIL FILTER ADAPTER / FITTING

- Oil Filter Adapter/Fitting
- 1991-2000 Gen V/VI Big Block Chevy and GM 454/502 Engines
- GM# 3853870



PART NO.	DESCRIPTION
43454	BB Chevy Spin-On Oil Filter Adapter / Fitting

### NEW! SB FORD SPIN-ON OIL FILTER ADAPTER / FITTING

- Oil Filter Adapter/Fitting
- 1964-1995 SBF 289-351W
- 3/4"-16
- Ford # D7AZ6890A



PART NO.	DESCRIPTION
43302	SB Ford Spin-On Oil Filter Adapter / Fitting

### NEW! LS OIL GALLEY PLUGS

Helps maintain oil pressure.



PART NO.	DESCRIPTION
573460	Nylon Oil Galley Plug, O-Ring Included - GM# 12573460

### NEW! LS OIL FILTER ADAPTER / FITTING



PART NO.	DESCRIPTION
552357	LS1 / LS2 / LS6 - Early - Std. Thread - GM# 12552357
600225	LS3 / LS7 / LSA - Late - Metric Thread - GM# 12600225

### NEW! GM LS OIL PUMP PICK-UP GIRDLE

A common issue with LS engines is the ineffective seal of the one-bolt design of the oil pump pickup tube. Engine Work's girdle secures your pickup tube in place, preventing any drops in oil pressure.



PART NO.	DESCRIPTION
267099	GM LS Oil Pump Pick-Up Girdle

### 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.



PART NO.	DESCRIPTION
402000	SB Chevy & BB Chevy
402001	4-Pack of O-Rings

### LIFTER VALLEY VENTS

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



PART NO.	DESCRIPTION
403100	SB Chevy - T-6 Aluminum - 2-1/4" Length

### OIL PUMP PRIMER

- Fits all Chevy V8 & V6 engines
- Bushing included for proper pressurization of oiling system
- Works with a 3/8" chuck drill



PART NO.	DESCRIPTION
15007	Oil Pump Primer for Chevy V8 & V6

### HEAVY DUTY OIL PUMP DRIVESHAFTS

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
401155	Small Block Chevy OE pump drive
401155-10	Small Block Chevy OE pump drive - 10-PACK
401177	Big Block Chevy OE pump drive
401177-10	Big Block Chevy OE pump drive - 10-PACK

ELECTRICAL

FUEL &amp; AIR

INTERNAL ENGINE

VALVE TRAIN

TIMING

OIL SYSTEMS

GASKETS

FASTENERS

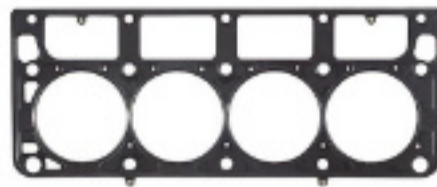
PLUMBING &amp; COOLING

TRANSMISSION &amp; DRIVETRAIN

EXHAUST &amp; GAUGES

TOOLS &amp; SAFETY

INDEX



111346MLS



221302MLS

# GASKETS

## HEAD GASKET SETS

Made of composite materials or multiple layers of steel.

2-PACK	10-PACK	APPLICATION	YEAR	BORE	THICKNESS	MATERIAL
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	4.125"	.042"	Composite material - Steel core/Graphite, Elastomer coated
111350-28	111350-28-10	SBC, 283-350	59-74	4.166"	.026"	Graphite-Steel core Graphite facing
111350MLS	---	SBC, 283-350	59-74	4.100"	.041"	Multiple layers of Stainless Steel. Coated and embossed w/ Viton to produce even torque load.
111350SS	---	SBC, 283-350	56-74	4.150"	.021"	Embossed Steel Shim Head Gasket
111400	111400-10	SBC, 400	59-74	4.190"	.045"	Graphite-Steel core Graphite facing
111400MLS	---	SBC, 283-400	59-74	4.185"	.041"	Multiple layers of Stainless Steel. Coated and embossed w/ Viton to produce even torque load.
111346MLS	---	LS - Small Bore	---	3.985"	.050"	Black Coated. Multi Layer Steel
111376MLS	---	LS - Large Bore	---	4.100"	.050"	Black Coated. Multi Layer Steel
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.
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	---	4.080"	.041"	Multiple layers of Stainless Steel. Coated and embossed w/ Viton to produce even torque load.
221351MLS	---	SBF w/ Bigger Bores	---	4.185"	.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
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
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

## 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
140643	Small Block Chevy	4.060"	.043"
140662	Small Block Chevy	4.060"	.062"
141543	Small Block Chevy	4.160"	.043"
141562	Small Block Chevy	4.160"	.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"
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"
340643	Small Block Ford	4.060"	.043"
340662	Small Block Ford	4.060"	.062"
341643	Small Block Ford	4.160"	.043"
341662	Small Block Ford	4.155"	.062"
342043	Small Block Ford	4.200"	.043"
342062	Small Block Ford	4.200"	.062"



## COMPLETE GASKET SETS

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

PART NO.	DESCRIPTION
503175	LS1 / LS6 - Small Bore MLS Head Gaskets - Complete Set <b>NEW!</b>
503176	6.0L & Up - Large Bore MLS Head Gaskets - Complete Set <b>NEW!</b>

## VALVE COVER CORK GASKETS

Cork-rubber gaskets use evenly sized cork particles distributed evenly throughout the rubber binder. Result is a compressible valve cover gasket without leak paths. Our gasket gaskets are .040 in thicker than standard valve cover gaskets.



PART NO.	DESCRIPTION
119350	SB Chevy (1955-86) Gen I - Pair
119350-20	SB Chevy (1955-86) Gen I - 20 Pack <b>NEW!</b>
169346	SB Chevy (1997-2004) LS1 - Pair
219046	SB Ford (1993-2004) 4.6L DOHC - Pair
229302	SB Ford (1986-95) 302 / 302 EFI / 351W - Pair
319318	SB Mopar (1967-91) 318 / 340 / 360 - Pair
339440	BB Mopar (1966-78) 383 / 426W / 440 - Pair



## 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.



2-PACK	20-PACK	APPLICATION	MATERIAL	THICKNESS
350PVC	350PVC-20	SB Chevy	Cork Rubber	5/16"
350SVC	350SVC-20	SB Chevy	Steel Core	5/16"
357SVC	357SVC-20	SB Chevy 18"	Steel Core	5/16"
454PVS	454PVS-20	BB Chevy	Cork Rubber	5/16"
454SVC	454SVC-20	BB Chevy	Steel Core	5/16"
456SVC	456SVC-20	Dart Big Chief	Steel Core	5/16"
302SVC	302SVC-20	SB Ford	Steel Core	5/16"

## RUBBER VALVE COVER GASKETS W/ STEEL CORE

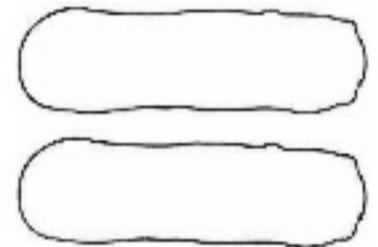
- 3/16" Thick
- 2 Packs & 20 Packs available



2-PACK	20-PACK	DESCRIPTION
350RVC	350RVC-20	1955-86 SB Chevy 265-350 V8 - Blue Rubber w/ Steel Core
454RVC	454RVC-20	1965-85 BB Chevy 396-502 V8 - Blue Rubber w/ Steel Core
302RVC	302RVC-20	SB Ford 260-351W V8 - Black Rubber w/ Steel Core

## NEW! LS RUBBER VALVE COVER GASKETS

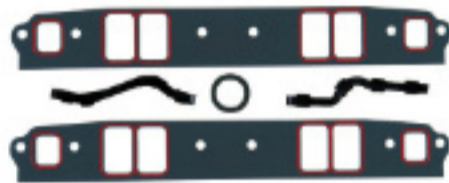
GM-Recommended replacement for you GM vehicle's original factory component.



PART NO.	DESCRIPTION
637683	Fits all LS engines - 1997-Present - Pair - GM# 12637683

## INTAKE GASKET SETS

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



2-PACK	10-PACK	APPLICATION	PORT SIZE	FEL-PRD#
112350	112350-10	SB Chevy 283-400 (Silicone Bead Seal Ports)	1.200 X 2.00 .062	1256
112320	112320-10	SB Chevy 283-400 (Silicone Bead Seal Ports)	1.300 X 2.240 .062	1206
112390	---	SB Chevy 283-400 (Non-Silicone Ports)	1.300 X 2.240 .062	---
122350	122350-10	SB Chevy 283-400 (Silicone Bead Seal Ports)	1.250 X 2.200 .062	1205
162346	---	GM LS1, LS2, LS6 (Silicone Bead Seal Ports)	1.150 X 3.375 .062 Cathedral	1312-3
172180	172180-10	BBC 396-454 w/Upper Bolt Holes (Silicone Bead Seal Ports)	1.800 X 2.030 .062 Oval Port	1212
172184	172184-10	BBC 396-454 NO Upper Bolt Holes (Silicone Bead Seal Ports)	1.800 X 2.550 .062 Rect Port	1275
172220	172220-10	BBC Dart Big Chief/Brodix Big Duke (Non-Silicone Ports)	1.840 X 2.695 .062 Rect Port	1298
172220T	172220T-10	BBC Rasied Port Outer Contour Is Pre-Cut	Trim-To-Fit Port .062	1290
182502	---	BBC 396-454 w/Upper Bolt Holes (Silicone Bead Seal Ports)	1.800 X 2.550 .062 Rect Port	1211
222302	---	SB Ford 289-351W (Silicone Bead Seal Ports)	1.100 X 2.00 .062	1250
242302	---	SB Ford 289-351W, GT-40, M351 Sportsman, Victor Jr (Sil. Bead Seal)	1.315 X 2.150 .062	1262
272390	---	BB Ford 390-428 FE (Non-Silicone Ports)	1.400 X 2.100 .062	1247
282429	---	BB Ford 429-460 Non Cobra Jet (Silicone Bead Seal Ports)	2.250 X 2.00 .062	1230
312318	---	SB Chrysler 273-318 w/2-Barrel Heads (Silicone Bead Seal Ports)	1.060 X 2.187 .062	1243
322340	---	SB Chrysler 318-360 w/4-Barrel Heads (Silicone Bead Seal Ports)	1.160 X 2.280 .062	1213
332440	---	BB Chrysler 383-440 Wedge (Silicone Bead Seal Ports)	1.200 X 2.260 .062	1216
352426	---	BB Chrysler 426 Street Hemi (Non-Silicone Ports)	1.875 X 2.00 .062	1234
412455	---	Oldsmobile 400-455 (Silicone Bead Seal Ports)	1.400 X 2.400 .062	1356

## NEW! LS VALLEY COVER GASKETS

GM-Recommended replacement for you GM vehicle's original factory component.



PART NO.	DESCRIPTION
558178	LS1 / LS6 Valley Cover Gasket - Aluminum / Rubber - GM# 12558178

## NEW! LS VALLEY PLATE COVERS & SCREWS



PART NO.	DESCRIPTION
625179	LS1 / LS2 / LS6 - Steel - w/ 17616-11 screws
625180	LS3 / LS7 / LSX - Steel - w/ 17616-11 screws
625181	LS1 / LS2 / LS6 - Aluminum - w/ 17616-11 screws
625181BK	LS1 / LS2 / LS6 - Black Aluminum - w/ 17616-11 screws
17616-11	LS All - Valley Cover Attaching Screws - Low Profile, Button Head - Stainless - Pack of 11



## EXHAUST GASKET SETS

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

2-PACK	10-PACK	APPLICATION	SIZE	PORT
113350	113350-10	SB Chevy 283-400 (Reinforced Graphite)	1.355 x 1.485	Square
133350	133350-10	SB Chevy 283-400 (Reinforced Graphite)	1.450 x 1.450	Square
163346	---	1997-2004 GM LS1/LS6/LS7 (Reinforced Graphite)	1.850	Round
173396	173396-10	1965-90 BB Chevy 396-454 (Reinforced Graphite)	1.875	Round
183502	183502-10	1991-2000 BB Chevy 454-502 (Reinforced Graphite)	1.950 x 1.800	D-port
105424	---	SB Chevy 283-400 (*Copper*)	1.500	Round
105427	---	SB Chevy 283-400 (*Copper*)	1.450 x 1.465	Square
205444	---	BB Chevy 396-454 (*Copper*)	1.750 x 1.780	Square
213046	---	Ford 4.6/5.4L SOHC 2V Motor (Reinforced Graphite)	1.500	Round
223302	---	SB Ford 289-351W Not Boss (Reinforced Graphite)	1.125 x 1.375	Square
253351	---	SB Ford 289-351W (Reinforced Graphite)	1.150 x 1.650	Oval
273390	---	BB Ford 352-428 FE (Reinforced Graphite)	1.350 x 2.075	Rectangle
283429	---	1968-86 BB Ford 429-460 Non-CI (Reinforced Graphite)	1.275 x 2.100	Oval
313318	---	1967-91 SB Chrysler 273-318 (Reinforced Graphite)	1.185 x 1.675	Stock
323340	---	SB Chrysler 318-360 4-Barrel Heads (Reinforced Graphite)	1.250 x 1.700	Stock
333440	---	BB Chrysler 383-440 Wedge (Reinforced Graphite)	1.840 x 1.310	Rectangle
353426	---	1964-71 BB Chrysler 426 HEMI (Reinforced Graphite)	1.950 x 1.900	Square
413455	---	Oldsmobile 350-455 (Reinforced Graphite)	1.425 x 1.950	Rectangle



## TIMING GASKET SETS

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

PART NO.	10-PACK	APPLICATION	SIZE
114350*	114350-10	1959-85 SB Chevy 283-400	.030"
174396	174396-10	1965-90 BB Chevy 396-454 Gen IV	.030"
---	175454-10*	1965-90 BB Chevy 396-454 Gen IV	.030"
184502	---	1996-2000 BB Chevy 454-502 Gen VI	.030"
224302	---	1962-95 SB Ford 221-302 / 302 EFI / 351W	.030"
274390	---	1966-71 BB Ford 390-428 FE	.030"
284429	---	1968-88 BB Ford 429 / 460	.030"
314318	---	1967-91 SB Mopar 318 / 340 / 360	.030"
334440	---	1967-91 BB Mopar 383-440	.030"
414455	---	1968-76 Oldsmobile 455	.030"

\*Part # 114350 Available in 25-Packs. \*Part # 17454-10 Does NOT Include Oil Seals.

## THERMOSTAT GASKETS

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



PART NO.	10-PACK	APPLICATION
118350	118350-10	1959-91 SB Chevy 283-400
174396	174396-10	1965-2000 BB Chevy 396 / 454 / 502
228302	---	1962-92 SB Ford 221 / 302 / 351W
278390	---	1966-71 BB Ford 390-428 FE
288429	---	1968-88 BB Ford 429-460
318318	---	1967-91 SB Mopar 318 / 340 / 360
338440	---	1959-78 BB Mopar 383-426W, 440
418455	---	1968-76 Oldsmobile 455

117350



177396



## FRONT TIMING SEALS

Made with Nitrile and Polycrylate rubber.

PART NO.	DESCRIPTION
117350	1959-91 SB Chevy 283-400
117350-10	1959-91 SB Chevy 283-400 - 10-Pack
177396	1965-90 BB Chevy 396-454
177396-10	1965-90 BB Chevy 396-454 - 10-Pack
217046	1993-2004 SB Ford 4.6L DOHC
227302	All Ford V8 Except 4.6L / FE
317318	All SB / BB Mopar V8
417455	1965-90 Oldsmobile 307-455

## NEW! FRONT COVER GASKET FOR LS ENGINES



PART NO.	DESCRIPTION
633904	For all LS-Series engines - 1 Pack - GM# 12633904

## NEW! FRONT COVER SEAL FOR LS ENGINES



PART NO.	DESCRIPTION
585673	For all LS-Series engines - 1 Pack - GM# 12585673

ELECTRICAL

FUEL & AIR

INTERNAL  
ENGINE

VALVE TRAIN

TIMING

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## REAR MAIN SEALS

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

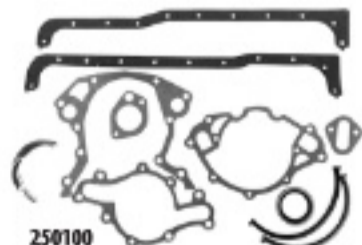
PART NO.	DESCRIPTION
116100	1986 & Up SB Chevy 305 & 350 (1-Piece), Viton
116200	1959-74 SB Chevy 283-400 (2-Piece)
116200-10	1959-74 SB Chevy 283-400 (2-Piece) - 10-Pack
116200V	1959-74 SB Chevy 283-400 (2-Piece), Viton <b>NEW!</b>
116900	SB Chevy 400 & GM Tall Deck Rocket Block (2-Piece) for Align Honed Blocks
116900V	SB Chevy 400 & GM Tall Deck Rocket Block (2-Piece) for Align Honed Blocks, Viton <b>NEW!</b>
166346	1997-2002 LS1 Rear Main Seal & Cover Gasket - <b>GM# 12639429</b>
176396	1965-90 BB Chevy 396-454
176396-10	1965-90 BB Chevy 396-454 10-Pack
176396V	1965-90 BB Chevy 396-454, Viton
176396V-10	1965-90 BB Chevy 396-454, Viton 10-Pack
176454V	1991 & Up BB Chevy 454-502, Viton (1-Piece)
216046	1993-04 SB Ford 4.6L (1-Piece)
226302	1962-85 SB Ford 302, (2-Piece) Except Boss
246302	1986-95 SB Ford 302 EFI (1-Piece)
256351	1969-92 SB Ford 351W (2-Piece)
276390	1966-71 BB Ford 390-428 FE (2-Piece)
286429	1968-88 BB Ford 429-460 (2-Piece)
316318	1968-89 SB Mopar 318 / 340 (2-Piece)
336383	1961-80 BB Mopar 361-440 & 426 HEMI Rope Style (2-Piece)
346440	1961-80 BB Mopar 361-440 & 426 HEMI Molded Rubber Style (2-Piece)
416455	1965-76 Oldsmobile 400/425/455 (2-Piece)

## NEW! SB CHEVY REAR MAIN SEAL CONVERSION

- 0.70" Thickness
- Billet Aluminum
- 2.760" Inside Diameter



PART NO.	DESCRIPTION
350LRMSA	1986 & Up SB Chevy 350 V8
350ERMSA	Pre-1986 SB Chevy V8



## BOTTOM END GASKET KITS

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

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

## NEW! LS WATER PUMP GASKET

Rubber / Steel. Two Pack



PART NO.	DESCRIPTION
630223	Fits All LS engines 1997-Present - <b>GM# 12630223</b>

## COPPER COLLECTOR GASKET

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



PART NO.	DESCRIPTION
103250	2.5" Copper Collector Gasket, Pair
103300	3.0" Copper Collector Gasket, Pair

## COLLECTOR GASKET

Replacement gaskets available in original and extra thick.



PART NO.	DESCRIPTION
1204	3" Collector Gasket
1204X	3" Extra Thick Collector Gasket

## OIL PAN GASKET SETS

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



PART NO.	10-PACK	APPLICATION
115350	115350-10	1955-74 SBC 283-400 Driverside dipstick, thin front seal 2-PC Rear seal
115350RLH	115350RLH-10	1975-79 SBC 305-400 Driverside dipstick, thick front seal (1-PC Rubber gasket)
125350	125350-10	1975-79 SBC 305-400 Driverside dipstick, thick front seal 2-PC Rear seal
125350RRHLH	---	1975-79 SBC 305-400 Left hand dip & 1980-85 Right hand dip (1-Piece Rubber gasket)
135350	135350-10	1980-85 SBC 305-350 Passenger side dipstick, thick front seal 2-PC Rear seal
135350RRH	---	1986-UP SBC 305-350 Passenger side dipstick 1-PC rear seal (1-Piece Rubber gasket)
612350	---	1997-Present LS Oil Pan Gasket, Does NOT Fit LS7 & LS9 (1-Piece Rubber) - <b>GM# 12612350</b>
175396	175396-10	1965-90 BB Chevy 396-454 Gen IV
175396R	---	1965-90 BB Chevy 396-454 Gen IV, (1-PC Rubber gasket)
185502R	---	1991-UP BB Chevy 454-502, Gen V-VI (1-Piece Rubber gasket)
215046R	---	1991-08 SB Ford 4.6L (1-Piece Rubber gasket)
225302	225302-10	1962-82 SB Ford 260-302 & 1983-95 5.0L
225302R	---	1962-82 SB Ford 260-302 & 1983-95 5.0L (1-Piece Rubber gasket)
255351	255351-10	1969-97 SB Ford 351W
275390	---	1961-76 BB Ford 352-428 FE
285429	---	1968-98 BB Ford 429-460
315318	---	1970-90 SB Chrysler 318-340
335440	---	1959-78 BB Chrysler 383-440 & 426 Hemi
415455	---	1965-90 307-350 & 1965-76 400,425,455 Oldsmobile





## HIGH TENSILE STRENGTH HEAD BOLT KITS

PART NO.	DESCRIPTION
17203	SB Chevy, 170,000 PSI
17200	SB Chevy, 190,000 PSI
17202	BB Chevy, 170,000 PSI
17202HP	BB Chevy, 190,000 PSI
17201	SB Ford, 170,000 PSI
17201HP	SB Ford 302, 190,000 PSI
17120HP	Chrysler HEMI 5.7L, 190,000 PSI

## FASTENERS

### NEW! LS HEAD BOLT KITS

Our Engine Works performance cylinder head bolts are designed for use with your GM heads. Everything is included to properly complete your cylinder head installation. Services 2 heads.



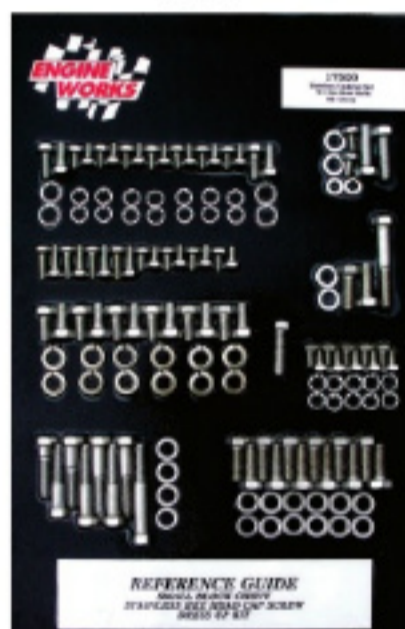
PART NO.	DESCRIPTION
17118HP	Pre 2004 - Kit has (16) M11 x 2.0 that are 155mm long, (4) M11 x 2.0 bolts that are 100mm long, & (10) M8 x 1.25" bolts that are 45mm long - TTY - GM# 12498545
800568	2004 & Up - Kit has (10) 45mm / 1.770" bolts & (20) 100mm / 3.930" bolts - TTY - GM# 17800568
800569	2013 & Up - LT1 Gen V - TTY - GM# 11546959

## STAINLESS STEEL ENGINE FASTENER KITS

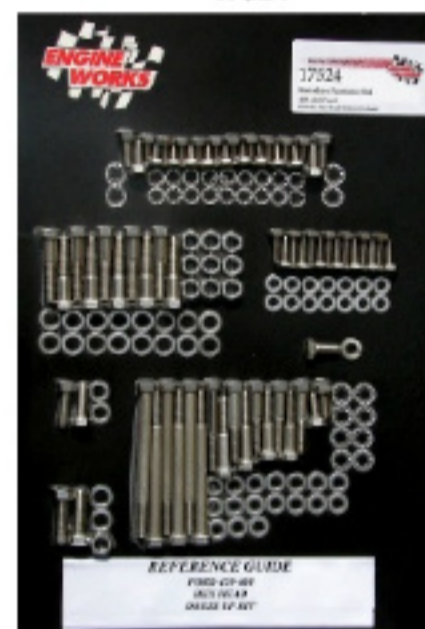
Each kit includes intake manifold, oil pan, valve covers, headers, timing cover, water pump, water neck, fuel pump, and distributor hold down in 85,000 KFI tensile strength stainless fasteners. All Hex except 17502.

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

17500



17524



### NEW! LS TOP END & BOTTOM END KITS

#### TOP END KIT INCLUDES:

- (4) Cam Retainer Bolts
- (1) Barbell Oil Plug
- (20) Medium Head Bolts
- (3) Cam Bolts
- (10) Front Cover Bolts
- (4) Oil Pump Bolts
- (10) Short Head Bolts
- (4) Lifter Guide Bolts
- (1) Harmonic Balancer Bolt
- (1) Camshaft Thrust Plate
- (4) Coolant Pipe Seal

469001



469901



#### BOTTOM END KIT INCLUDES:

- (10) Main Cap Bolts
- (1) Coolant Plug, Large
- (10) Side Main Cap Bolts
- (3) Cam Bolts
- (12) Rear Cover Bolts
- (10) Main Cap Bolts
- (1) Front Oil Galley Press-In Plug
- (3) Coolant / Oil Plugs
- (13) Oil Pan Bolts
- (8) Front Cover Bolts
- (4) Oil Pump Bolts
- (2) Bellhousing Dowels
- (2) Oil Pan to Rear Cover Bolts
- (2) Coolant Air Bleed Bolts

PART NO.	DESCRIPTION
469001	LS Top End Kit

PART NO.	DESCRIPTION
469901	LS Bottom End Kit

ELECTRICAL

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## 12-POINT INTAKE BOLTS

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

\*For use with thicker intake face.



## STAINLESS STEEL INTAKE BOLT SETS

PART NO.	DESCRIPTION
17506	SB Chevy, Allen Head
17516	BB Chevy, Allen Head



## HARMONIC BALANCER BOLTS

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

PART NO.	DESCRIPTION
41350	SB Chevy, 7/16"-20 x 2-1/4"
41454	BB Chevy, 1/2"-20 x 1-1/2"
41302	SB / BB Ford, 5/8"-18 x 1.880" - 12 Point Chromoly Black Oxide <b>NEW!</b>

## **NEW!** LS HARMONIC BALANCER BOLTS

Performance harmonic balancer bolts are made of high-quality steel and are heat-treated for extra strength. Our harmonic balancer bolts feature a hex head to prevent socket slippage.



PART NO.	DESCRIPTION
557840	LS1 / LS2 / LS3 / LS6 - Short - 4.055" Length - 16mm x 2.0 - TTY GM# 12557840
570163	LS7 - Long - 5.75" Length - 16mm x 2.5 - TTY - GM# 11570163

## CARBURETOR STUD KITS

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



PART NO.	DESCRIPTION
41630	Standard 2.250" overall length
41631	Carb with 1" spacer, 2.500" overall length
41632	Carb with 2" spacer, 3.675" overall length

## TORQUE CONVERTER BOLT KITS

Bolts torque converter to flexplate.



PART NO.	DESCRIPTION
36715	GM TH400 - 3/8"-16 x 1/2", 3-Piece
36716	GM TH350 - 3/8"-24 x 5/8", Powerglide
36717	Ford - 3/8"-24 x 1/2", w/ Lock Nuts
36718	Chrysler - 3/8"-24 x 1/2", TorqueFlite 727

**NEW!**

## LS FLYWHEEL/FLEXPLATE BOLTS



PART NO.	DESCRIPTION
569956-6	Short - 11mm x 1.5 Thread - 0.800" UHL - 6 Pack - GM# 11588714
257940-6	Long - 11mm x 1.5 Thread - 1.000" UHL - 6 Pack - GM# 19257940

**NEW!**

## LS FRONT COVER / OIL PAN BOLTS

The front cover bolts feature a built-in washer face with case-hardened serrations. The washer face and hex head design easily permit the use of a socket wrench for quick and accurate installation.

- 8 Bolt are required for the timing cover.
- 12 Bolts (13 for LS7/LS9) are required for the oil pan.
- 4 Bolts are required to mount the oil pump to the block.



PART NO.	DESCRIPTION
515758-8	M8 x 30mm - (48) Needed per engine - 8 Pack - GM# 11515758

## OIL PAN STUD & BOLT KITS

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



PART NO.	DESCRIPTION
265510	SB Chevy, Set of 18 w/ Lock Nuts
265511	BB Chevy & Pontiac V8, Set of 22 w/ Lock Nuts
265500	SB Chevy Oil Pan Bolt Kit
265505	BB Chevy Oil Pan Bolt Kit

## TIMING COVER STUD SET

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



PART NO.	DESCRIPTION
130051	Timing Cover Stud Set

## VALVE COVER STUD SET

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



PART NO.	DESCRIPTION
276510	Set of 8 w/ Washers & Nuts
276121	Bolt Kit for Centerbolt - Short
276131	Bolt Kit for Centerbolt - Long



## 12PT FLANGE NUTS

PART NO.	DESCRIPTION
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



## POP RIVET BACKUP WASHERS

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

## ALUMINUM POP RIVETS

Packs of 250.

PART NO.	DESCRIPTION	BODY X HEAD	COLOR	GRIP
18140	Small Head	1/8" x 1/4"	Silver	1/8" to 1/4"
18380	Small Head	1/8" x 3/8"	Silver	1/8" to 1/4"
36380	Small Head	3/16" x 3/8"	Silver	1/4" to 3/8"
36381	Small Head	3/16" x 3/8"	Black	1/4" to 3/8"
36382	Small Head	3/16" x 3/8"	White	1/4" to 3/8"
36383	Small Head	3/16" x 3/8"	Red	1/4" to 3/8"
36580	Large Head	3/16" x 5/8"	Silver	1/4" to 3/8"
36581	Large Head	3/16" x 5/8"	Black	1/4" to 3/8"
36582	Large Head	3/16" x 5/8"	White	1/4" to 3/8"
36583	Large Head	3/16" x 5/8"	Red	1/4" to 3/8"
36584	Large Head	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
39054	Self-ejecting - Silver	Small Flush	.500"	.198" to .233"	Yes
39054BK <b>NEW!</b>	Self-ejecting - Black	Small Flush	.500"	.198" to .233"	Yes
39056	Self-ejecting - Silver	Small Flush	.650"	.349" to .382"	Yes
39062	Self-ejecting - Gold	Large Flush	.500"	.198" to .233"	No
39062BK <b>NEW!</b>	Self-ejecting - Black	Large Flush	.500"	.198" to .233"	No
39063	Self-ejecting - Gold	Large Flush	.550"	.234" to .271"	No
39063BK <b>NEW!</b>	Self-ejecting - Black	Large Flush	.550"	.234" to .271"	No
39072	Self-ejecting - Silver	Butterfly	.500"	.198" to .233"	Yes
39073	Self-ejecting - Silver	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	—	—



## WHEEL RIM SCREWS

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



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

## 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
18000	Manual Rivet Gun (Red)

ELECTRICAL

FUEL & AIR

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### TUBE NUTS & SLEEVES

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



### ALUMINUM AN FITTINGS

#### RED/BLUE

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



### AN TO PIPE ADAPTER FITTINGS - MALE

#### BLUE

STRAIGHT	90°	AN SIZE	TO INCHES
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 SOCKET PIPE PLUGS

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

## PLUMBING

### 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
560200	AN Wrench Set - Includes sizes 04 to 12



### ALUMINUM AN FITTINGS

#### BLACK

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



### AN TO PIPE ADAPTER FITTINGS - MALE

#### BLACK

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



### NYLON WASHERS

Use with bulkhead fittings.

2-PACK	10-PACK	SIZE
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 - 1,500 psi max pressure rating. -40°F to 350°F.



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

## ULTRA-LIGHTWEIGHT RACE HOSE - 53 SERIES

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



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

## PROFLEX PUSH-ON HOSE 71 SERIES & 81 SERIES

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



BLACK	BLUE	LENGTH	AN SIZE
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 PTFE tube. Ultra protection against line expansion. 300 psi max pressure rating. 65°F to 450° F.



PART NO.	LENGTH	AN SIZE
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

## COOLING

### PERFORMANCE ALUMINUM WATER PUMPS

Anticavitation, High Flow, 100% New with 5/8" snout.



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

### BILLET WATER BYPASS

PART NO.	DESCRIPTION
41250	Chevy Applications - Billet Water Bypass 1/4"



### NEW! LS WATER PUMP GASKET

Rubber / Steel. Requires 2 per engine.

PART NO.	DESCRIPTION
630223	Fits All LS engines 1997-Present - GM# 12630223



### STAINLESS STEEL RADIATOR OVERFLOW TANK

- Length: 15"
- Dia: 2"
- Capacity: 22 oz.
- Twist Cap



PART NO.	DESCRIPTION
70515	Stainless Steel Radiator Overflow Tank - Includes Mounting Hardware

### BRAKE LINES

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



PART NO.	DESCRIPTION
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°

### NEW! "ONE-MAN" BRAKE BLEEDER

- One-way check valve
- High quality flexible silicone tubing
- Magnet holds bottle to rotor / drum
- 16 oz. Bottle
- Made in the USA!



PART NO.	DESCRIPTION
22217	"One-Man" Brake Bleeder w/ Magnet & Built-In Check Valve

### RADIATOR CAPS

PART NO.	DESCRIPTION
41100	Radiator Cap - 20 PSI
41100-25	Radiator Cap - 20 PSI (25 Pack) <b>NEW!</b>



# ENGINE

ELECTRICAL

FUEL &amp; AIR

INTERNAL ENGINE

VALVETRAIN

TIMING

OIL SYSTEMS

GASKETS

FASTENERS

PLUMBING &amp; COOLING

TRANSMISSION &amp; DRIVETRAIN

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**NEW!**  
**LS ENGINE BRASS  
COOLANT PLUG**



This coolant plug for the GM LS-Family of engines allows you to plug the coolant path on the right bank of cylinders (Driver's Side) when deleting the factory oil cooler on the 2010+ Chevy Camaro and other Gen IV LS engines equipped with a factory water-to-oil cooler.

PART NO.	DESCRIPTION
561663	28mm x 1.25" - Internal Allen Head - GM# 12561663

**PLASTIC FLEX FANS**

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



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

**REVERSIBLE ELECTRIC  
COOLING FANS**

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



PART NO.	DESCRIPTION
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

\*All electric fans include install kit



**FAN INSTALLATION KIT**

PART NO.	DESCRIPTION
13701	Fan Installation Kit

**WORKS**

**NEW!**  
**LS ENGINE COOLANT PLUGS  
& FASTENERS**

Performance engine coolant pipe and plug bolts are designed to work with your factory engine components.



PART NO.	DESCRIPTION
588714	6mm x 1.0 Thread - Hex Head - 2 pack - GM# 11588714
602540	Coolant Air Bleed Plugs - 2 pack - GM# 12602540

**NEW!**  
**LS COOLANT AIR BLEED PIPE SEAL**

Made from a combination of rubber and steel to ensure a good, tight seal on the coolant air bleed pipe of your LS1.



PART NO.	DESCRIPTION
551933	LS Coolant Air Bleed Pipe Seal - 2 pack - GM# 12551933

**FREEZE PLUG SETS**

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



PART NO.	DESCRIPTION	MATERIAL
60350	265-350 Chevy	Brass
61350	265-350 Chevy	Steel
60478	265-350 Chevy, 10-Pack, Cam Plug Only	Steel
60400	400 Chevy	Brass
60454	366-454 Chevy	Brass
61454	366-454 Chevy	Steel
60154	366-454 Chevy, 10-Pack, Cam Plug Only	Steel
60302	221-351W Ford	Brass
61302	221-351W Ford	Steel
60471	221-351W Ford, 10-Pack, Cam Plug Only	Steel
60390	<b>NEW!</b> Ford FE 330-428	Brass
60460	429/460 Ford	Brass
60318	<b>NEW!</b> 273-360 SB Chrysler	Brass
60440	361-440 Chrysler	Brass
60455	<b>NEW!</b> Pontiac 326-455	Brass

**HIGH PERFORMANCE  
THERMOSTATS**



PART NO.	DESCRIPTION
41160	GM - 160° Thermostat
41180	GM - 180° Thermostat
41195	GM - 195° Thermostat
42160	Ford - 160° Thermostat
42180	Ford - 180° Thermostat
42192	Ford - 195° Thermostat
43160	Mopar - 160° Thermostat
43180	Mopar - 180° Thermostat
43195	Mopar - 195° Thermostat

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# TRANSMISSION / DRIVETRAIN

**NEW!**

## HIGH PERFORMANCE PLATE-TYPE OIL COOLERS

Made of lightweight aluminum, with an efficient "stacked plate" design. Multiple cooling paths give them the cooling capacity of larger fan-and-tube coolers.



PART NO.	DIMENSIONS	COOLING ROWS	CORE WIDTH	INLET
137273	5-3/4" x 11" x 1-1/2"	24	11.250"	1/2" NPT
137266	8" x 11" x 1-1/2"	36	11.250"	1/2" NPT
137274	11" x 11" x 1-1/2"	48	11.500"	1/2" NPT

## STACKED-PLATE REMOTE OIL COOLER

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



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

## IN-LINE REMOTE COOLER FAN CONTROL THERMOSTAT

- 180°F preset turn-on temperature
- 165°F preset turn-off temperature
- Rated at maximum 15 amp continuous draw



PART NO.	DESCRIPTION
13766	-6AN male x -6AN female - 3/8" barb fittings included
13788	-8AN male x -8AN female - 1/2" barb fittings included



## LINE LOCK / ROLL CONTROL KIT

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

PART NO.	DESCRIPTION
37050	Line Lock / Roll Control Kit
37054	Small Green Line Lock Transbrake Button - 15 AMP w/ cord
37056	Small Blue Line Lock Transbrake Button - 15 AMP w/ cord
37055	Large Red Line Lock Transbrake Button - 15 AMP w/ cord

## BRAKE PROPORTIONING VALVE

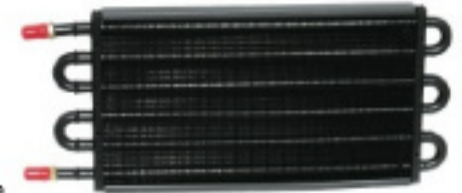
- 60% reduction over the full pressure range
- Sure grip knob for fine tune adjustment
- Billet aluminum with brass internals for durability and reliability
- Includes 3/16" tube adapters



PART NO.	DESCRIPTION
22200	Brake Proportioning Valve

## HIGH PERFORMANCE TUBE & FIN OIL COOLERS

Engine Works tube-and-fin design for engine oil coolers rely on multiple passes through the cooler core to keep your oil from getting too hot and breaking down. This, in turn, means longer engine life.



PART NO.	DIMENSIONS	GVW	CORE	INLET	INLET DISTANCE
13718	13-1/2" x 5" 1/8" x 3/4"	12,000	9-5/8"	06AN	3-3/4"
13719	17-1/2" x 5" 1/8" x 3/4"	18,000	13-3/4"	06AN	3-3/4"
13720	17-1/2" x 7" 5/8" x 3/4"	20,000	13-3/4"	06AN	6-1/4"



## 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
12700	Small Block Chevy - 1/4" Thickness
12701	Big Block Chevy - 1/4" Thickness
12703	Ford 302 / 351W - 1/4" Thickness

## MID-MOUNT MOTOR PLATES

These mid-mount plates are designed to work with the aluminum front motor plates to further eliminate engine twist and prevent broken transmission cases in high-torque installations.



PART NO.	DESCRIPTION
12702	Small Block / Big Block Chevy - 0.090" Thick Steel - 29.25" x 13.50"
12704	Small Block Ford 289 / 302 / 351C / 351W - 0.090" Thick Steel - 30" x 9.25"

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## BILLET RACK & PINION MOUNT

PART NO.	DESCRIPTION
22701	Billet Rack & Pinion Mount

## LADDER BAR 2" X 3" CROSSMEMBER BRACKETS

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



PART NO.	DESCRIPTION
12712	Ladder Bar Crossmember Brackets

## COILOVER SPANNER WRENCH

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



PART NO.	DESCRIPTION
15085	Coilover Spanner Wrench

## STEERING QUICK RELEASE PUSH BUTTON

- Aluminum Hub
- 3/4" Bore
- Hex Steel Mandrel
- 1-1/2" Steering Wheel Bolt Spacing



PART NO.	DESCRIPTION
71616	Steering Quick Disconnect

## ROD END KITS

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

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



## ALUMINUM BODY MOUNTS

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

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

## 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



PART NO.	DESCRIPTION
12730	Coilover Shock Mount Kit

## COILOVER HOUSING BRACKETS

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



PART NO.	DESCRIPTION
12710	Coilover Housing Brackets

## UNIVERSAL STEERING U-JOINTS

Engine Works universal steering U-joints are machined on state-of-the-art CNC equipment from solid billet steel, stainless steel, or aluminum.



PART NO.	DESCRIPTION
71610	1-1/4" OD, 9/16"-26 Spline x 5/8" Smooth Bore - Steel
71612	1-1/4" OD, 3/4" Smooth x 3/4" Smooth - Steel





## 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.	MAKE	DIAMETER	TYPE	BOLT PATTERN	STALL	DESCRIPTION
500000	GM	11"	GM TH350 / TH400	10-1/2"	2200-2600 RPM	---
500001	GM	10"	GM TH350 / TH400	10-1/2"	2700-3000 RPM	---
500002	GM	12"	GM TH350 / TH400	10-1/2"	2000-2200 RPM	---
500003	GM	10"	GM TH350 / TH400	10-1/2"	3200-3500 RPM	---
500004	GM	10"	GM TH350 / TH400	10-1/2"	3500-3800 RPM	---
500006	Ford	11"	C-6	11-7/16"	2000-2400 RPM	26-Spline, 1.375 Pilot
500007	Ford	11"	C-4	10-1/2"	2000-2400 RPM	26-Spline, 1.375 Pilot
500009	Ford	10"	C-4	10-1/2"	2800-3200 RPM	26-Spline, 1.375 Pilot
500008	Chrysler	11"	A-727	10"	2000-2400 RPM	24-Spline

## RACE 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.	MAKE	DIAMETER	STALL	ANTI-BALLOON
700000	GM	10"	2500-2900 RPM	YES
700001	GM	10"	2900-3300 RPM	YES
700002	GM	10"	3300-3700 RPM	YES
700003	GM	10"	3700-4100 RPM	YES
700004	GM	10"	4100-4500 RPM	YES

## RING & PINION INSTALLATION KITS



Engine Works has just what you need for the fast installation of your ring and pinion gears and to keep you on budget. Get the key components to get the job done with Engine Works ring and pinion installation kits.

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



## 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
475373	3.73	GM 10-Bolt 7.5" OEM 3-Series
475373T	3.73	GM 10-Bolt 7.5" Thick 2-Series
475410	4.10	GM 10-Bolt 7.5" OEM 3-Series
475410T	4.10	GM 10-Bolt 7.5" Thick 2-Series
475342	3.42	GM 10-Bolt 7.5" OEM 3-Series
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	4.11	GM 10-Bolt 8.5"
485456	4.56	GM 10-Bolt 8.5"
487373	3.73	GM 12-Bolt Truck



## RING & PINION GEAR SETS (CONT.)

PART NO.	RATIO	DESCRIPTION
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



## FULL-SIZE SPOOLS

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



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



## FLEXPLATE BOLT SETS

Bolts torque converter to flexplate.

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

## NEW! LS FLEXPLATE SPACER / ADAPTER

High-quality steel adapter is designed to achieve optimum spacing when you're installing a Non-LS transmission to a LS based engine.



PART NO.	DESCRIPTION
563532	LS to Pre-1997 non-LS for use with TH350, 400, 700R4, and 200M Transmissions - Use with bolt #257940-6 - GM# 12563532

## SFI-APPROVED FLEXPLATES

Exceeds spec 29.1.

ENGINE WORKS SFI	ENGINE WORKS PRO SFI	TYPE	STYLE	TEETH	BALANCE
350168	850168	SBC, BBC, 57-85	2-Piece	168	Internal
350168I	---	SBC, 86-Up	1-Piece	168	Internal
350153I	---	SBC	2-Piece	153	Internal
350168L	---	SBC Late Model, 86-97	1-Piece	168	External
350153E	---	SBC Late Model	1-Piece	153	External
400168	---	SBC 383-400, 70-76	2-Piece	168	External
364168	---	1997-Up LS Series - Dual Bolt	1-Piece	168	Internal
454168E	854168E	BBC 454, 70-90	2-Piece	168	External
454168L	854168L	BBC 454 Late Model, 91-Up	1-Piece	168	External
---	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
455166	---	Pontiac 455, V8 65-78	2-Piece	166	External

## MINI SPOOLS

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
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"
31828	Ford 8.8", 28-Spline
31928	Ford 9", 28-Spline
31931	Ford 9", 31-Spline

## 9" CROSS PIN

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



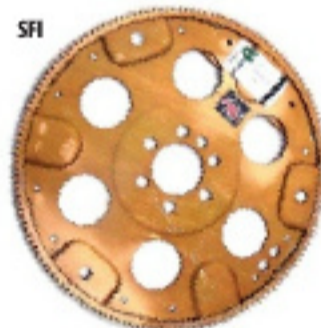
PART NO.	DESCRIPTION
31900	Ford 9.0" Cross Pin

## NEW! BOLTS FOR LS FLEXPLATE SPACER

Use with Engine Works Flexplate Spacer #563532.



PART NO.	DESCRIPTION
257940-6	Steel - 11mm x 1.5 Thread, 1.000" UHL - 6 Pack - GM# 19257940





## SFI-RATED STEEL FLYWHEELS

Designed to handle extreme duty, high horsepower engines. These flywheels are CAD engineered, precision CNC machined of 1045 billet steel to strict tolerances.

PART NO.	DESCRIPTION
40101	1963-85 SB Chevy 357-427 (Exc. 400) 2-Piece Seal - Internal Bal - 153 Teeth
40102	1955-85 SB Chevy 262-400, BB Chevy 396-427 / W Block 348-409 Lightweight (21.4lbs) - Internal Balance - 168 Teeth
40201	1964-95 SB Ford 260-351W - 24 lbs - 28 oz. Balance - 157 Teeth
40202	1964-95 SB Ford 260-351W - 24 lbs - 57 oz. Balance - 157 Teeth

**NEW!**

## BOLTS FOR LS FLYWHEELS



PART NO.	DESCRIPTION
569956-6	SHORT - Steel - 11mm x 1.5 Thread, 0.800" UHL - 6 Pack - GM# 11588714
257940-6	LONG - Steel - 11mm x 1.5 Thread, 1.000" UHL - 6 Pack - GM# 19257940

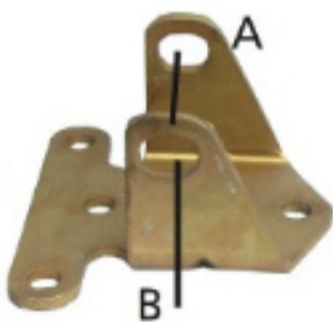
## BELLOUSING DOWEL PINS



PART NO.	DESCRIPTION
12653	OE Bellhousing Dowel Pins - SB / BB Chevy - 0.620" - 1.190" - Pair
37232	Extra Long Bellhousing Dowel Pins - SB / BB Chevy - 0.625" - 1.500" - Pair
453658	LS Bellhousing Pins - 0.621" - 1.190" - Pair / GM# 1453658 <b>NEW!</b>

## SOLID MOTOR MOUNTS

Engine Works solid steel motor mounts replace stock OEM-style rubber engine mounts to stop torque loss and binding linkages, a common result of excessive engine movement. These mounts also eliminate the need for bulky torque straps and chains. Standard models have a protective zinc coating. Mounts sold in pairs.



PART NO.	GM NO.	MATERIAL	A	B
12610	3990914	0.250" Steel	2-1/2"	1-11/16"
12620	3962748	0.188" Steel	2-3/8"	2-1/8"
12630	6258154	0.188" 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
12615	Accepts Powerglide, TH350, TH400, Borg Warner, Muncie, Saginaw, Chrysler, and Doug Nash

\*Does not fit 1982-92 Camaro/Firebird\*



## BALANCE PLATE

Converts 350 to 400 Chevy flywheel.

PART NO.	DESCRIPTION
300999	Flywheel Balance Plate - Converts SB Chevy 350 Flywheels

## ADJUSTABLE CLUTCH CABLE AND 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
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 Only w/ Adjustable End, Mustang Cobra/GT 96-04
48004	Clutch Cable Kit w/ Firewall Adjustment, Mustang Cobra/GT 96-04

## 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. Universal install kit included (as pictured). Fits most all 4-Speed transmissions.



PART NO.	DESCRIPTION
37000	Universal 4-Speed Shifter Kit

**NEW!**

## SHIFTER INSTALLATION KITS

Engine Works shifter installation kits are designed to work with our Universal 4-Speed Shifter (Part# 37000) and are designed for a specific transmission.



PART NO.	DESCRIPTION
373-0M21	For Muncie M-21
373-0M22	For Muncie M-22
373-0T10	For T10 & Super
373-0FTL	Ford Top Loader

## CLUTCH SPRING SET



PART NO.	DESCRIPTION
37250	Clutch Spring Set - Reverse with Retainer - 17 Pack
37251	Clutch Return Spring - Direct - 24 Pack



## 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
37230	Powerglide
37330	Turbo 350
37430	Turbo 400



## TRANSMISSION FILTER KITS

Each kit includes a quality filter and pan gasket.

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

## 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
37209	Powerglide overhaul gasket set, 1962-73
37209R	Powerglide overhaul gasket set, Racing series, 1962-73
37210	Powerglide master overhaul kit, 1962-73
37350	Turbo 350 master overhaul kit, 1969-86
37400	Turbo 400 master overhaul kit, 1965-98
37700	Turbo 700 master overhaul kit, 1987-93

## UNIVERSAL POWERGLIDE COMPETITION SHIFT LEVER

Convenient way to install aftermarket shifters on Powerglide transmissions.



PART NO.	DESCRIPTION
37218	Competition Shift Lever, 2-Piece

## BAND ADJUSTMENT PIN

Hardened 4340 Steel with Adjusting nut.



PART NO.	DESCRIPTION
37222	Powerglide Band Adjustment Pin

37430



37330



37230



## POWERGLIDE DUAL RING SERVO W/ LIP SEAL

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
37216	Dual Ring Servo w/ Lip Seal
37219	Dual Ring Servo Piston 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
37257	Powerglide Bushing Set

## "WEDDING BAND" SUN GEAR BUSHING

Restores alignment between the sun gear and input shaft.



PART NO.	DESCRIPTION
37256	Powerglide Sun Gear / Wedding Band Bushing

## POWERGLIDE SFI CASE W/ LINER



PART NO.	DESCRIPTION
37270	Powerglide Case w/ Liner - SFI Approved

## POWERGLIDE TAIL SHAFT HOUSING W/ BEARING

Housing is 5 times stronger than the stock tail housing and is a direct bolt in replacement. Comes completely preassembled and includes complete hardware kit.



PART NO.	DESCRIPTION
37271	Powerglide Rollerized Tail Housing

ELECTRICAL

FUEL & AIR

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GASKETS

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PLUMBING & COOLING

TRANSMISSION & DRIVETRAIN

EXHAUST & GAUGES

TOOLS & SAFETY

INDEX



## POWERGLIDE ALUMINUM SHORTY HOUSING W/ BUSHING



PART NO.	DESCRIPTION
37272	Powerglide Aluminum Shorty Housing w/ Bushing

## POWERGLIDE ALUMINUM SHORTY HOUSING W/ BEARING



PART NO.	DESCRIPTION
37273	Powerglide Aluminum Shorty Housing w/ Bearing

## POWERGLIDE 27-SPLINE HARDENED TRANSMISSION YOKE FOR BEARING



Manufactured from a high strength 4340 steel forging and will fit aftermarket extension housings with the roller bearing.

PART NO.	DESCRIPTION
37274	Powerglide Hardened Yoke for Roller Bearing

## POWERGLIDE OVERFLOW TANK



PART NO.	DESCRIPTION
37275	Powerglide Overflow Tank

## POWERGLIDE TRANS SHIELD SFI-RATED W/ HARDWARE



PART NO.	DESCRIPTION
37280	Powerglide Trans Shield - SFI Approved - Black

## POWERGLIDE SFI FLEXPLATE SAFETY SHIELD



PART NO.	DESCRIPTION
37281	Powerglide SFI Flywheel/Flexplate Safety Shield

## LOCKING DIP STICKS



PART NO.	DESCRIPTION
37290	Powerglide Locking Dip Stick & Tube - Long
37291	Powerglide Locking Dip Stick & Tube - Short
37292	Replacement Rubber Seal for Part # 37290 & 37291 Dip sticks
37332	Turbo 350 Locking Dip Stick & Tube
37432	Turbo 400 Locking Dip Stick & Tube

## CLUTCH HUBS



PART NO.	DESCRIPTION
37215	Powerglide Steel Clutch Hub
37215LW	Powerglide Clutch Hub - Lightened
37415	Turbo 400 Billet Forward Clutch Hub

## INTERMEDIATE MAIN SHAFT T-400 / 300M



PART NO.	DESCRIPTION
37448	Intermediate Main Shaft - Turbo 400 / 300M

## POWERGLIDE STATOR SUPPORT SHAFT



PART NO.	DESCRIPTION
37241	Powerglide Stator Support Shaft

## POWERGLIDE OUTPUT SHAFT SUPPORT W/ ROLLER BEARING

CNC machined from billet 6061-T6 Aluminum. This special high strength lightweight support is built for racing and eliminates the provisions for the governor.



PART NO.	DESCRIPTION
37240	Powerglide Output Shaft Support w/ Roller Bearing

## POWERGLIDE STATOR SUPPORT BUSHING



PART NO.	DESCRIPTION
37258	Powerglide Stator Support Bushing - Thin Wall (1.004" I.D.)

## POWERGLIDE INPUT SHAFTS



PART NO.	DESCRIPTION
37245	Powerglide - 4340 Steel
37246	Powerglide to Turbo 350/400 - 4340 Steel
37248	Powerglide to Turbo / 300M - Up to 1,000 HP

## HIGH GEAR CLUTCH PLATES



PART NO.	DESCRIPTION
37226	Powerglide High Gear Clutch Plates - Thin (.060")
37226S	Powerglide High Gear Clutch Plates - Thin (.060") - Steel
37227	Powerglide High Gear Clutch Plates - Thick (.100")
37227S	Powerglide High Gear Clutch Plates - Thick (.100") - Steel
37227SK	Powerglide High Gear Clutch Plates - Thick (.100") - Kolene Steel



## POWERGLIDE SOLENOID TSI VALVE BODY



PART NO.	DESCRIPTION
37302	Powerglide Solenoid TSI Valve Body

## POWERGLIDE 2-WIRE TRANSBRAKE SOLENOID

- Eliminates chance of transmission failure
- Improved shift characteristics
- Fixed line pressure with no chance of low line pressure condition



PART NO.	DESCRIPTION
37301	Powerglide Transbrake 2-Wire Solenoid



## HEADER / EXHAUST WRAP

PART NO.	DESCRIPTION
16310	1" x 50 ft, Tan
16310B	1" x 50 ft, Black
16320	2" x 50 ft, Tan
16320B	2" x 50 ft, Black
16330B	2" x 100 ft, Black
16320HM	2" x 50 ft, Heavy Metal
16370	2" x 50 ft, Red - 1,000°F
16356	2" x 25 ft, Black - 1,500°F
16321VW	Volcano Wrap - 1" x 50 ft, Heavy Metal - 1,800°F <b>NEW!</b>
16327VW	Volcano Wrap - 2" x 25 ft, Heavy Metal - 1,800°F <b>NEW!</b>

## EXHAUST

### OIL FILTER BREATHERS & OIL BREATHER TANK

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

PART NO.	DESCRIPTION
27308	Push-In Open Filter Breather - Fits covers w/ 1.25" Hole - Chrome
27516	Push-In Open Filter Breather w/ Shield - Fits covers w/ 1.25" Hole - Chrome
27309	Clamp-On Open Filter Breather - 1-1/2" Tube Size - Chrome
27517	Clamp-On Open Filter Breather w/ Shield - 1-1/2" Tube Size - Chrome
27465	Black Oil Breather Tank w/ 12AN Bung <b>NEW!</b>

## STAINLESS HEADER WIRE TIES



PART NO.	DESCRIPTION
16325	Stainless 8" Header Ties - 8 Pack
16326	Stainless 14" Header Ties - 8 Pack
16324	Black - Stainless 8" Header Ties - 8 Pack <b>NEW!</b>

## ELECTRIC EXHAUST CUTOUT

Engine Works electric exhaust cutouts eliminate the need to uncap your cutouts every time you arrive at the track. Go from open to close with just the flip of a switch.



PART NO.	DESCRIPTION
80300	3" Electric Exhaust Cutout for Single Exhaust

## EXHAUST CUTOUT HARNESS

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



PART NO.	DESCRIPTION
80301	Single Exhaust Cutout Harness
80302	Dual Exhaust Cutout Harness w/ Rocker-Style Switch



## 5" MEMORY TACHOMETERS

PART NO.	DESCRIPTION
7901BSL	5" Memory Tach w/ Shift Light - Black - Peak RPM Recall
7901B	5" Memory Tach - Black - Peak RPM Recall
7901WSL	5" Memory Tach w/ Shift Light - White - Peak RPM Recall
7901W	5" Memory Tach - White - Peak RPM Recall



# GAUGES



## 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
41120	Under Hood Temperature Gauge - 0°-250° - Liquid Filled



## 2-5/8" MECHANICAL GAUGES

BLACK	WHITE	DESCRIPTION
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

52011



52204



## 1-1/2" MECHANICAL GAUGES

PART NO.	STYLE	TYPE	PSI
52000	Black/White	Liquid	0-15
52001	Blue	Liquid	0-1500
52002	Black/White	Dry	0-15
52003	Black/White	Dry	0-30
52004	Black/White	Liquid	0-100
52005	Engine Turned Silver	Liquid	0-15
52006	Black/White	Dry	0-100
52007	Black/White	Liquid	0-30
52010	Black/Yellow	Liquid	0-30 HG - Vacuum
52011	Carbon Fiber	Liquid	0-15
52013	Carbon Fiber	Liquid	0-100
52014	Carbon Fiber	Liquid	0-30
52200 <b>NEW!</b>	White/Black - Red Pointer	Liquid	0-15
52202 <b>NEW!</b>	White/Black - Red Pointer	Dry	0-15
52204 <b>NEW!</b>	White/Black - Red Pointer	Liquid	0-100

ELECTRICAL

FUEL & AIR

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## ROD BOLT STRETCH GAUGE



Engine Works rod bolt stretch gauges will check rod bolts the proper way, because sometimes torque readings may vary. They include a special high-tension spring that allows adjustability for bolts up to 2.75 in. long.

PART NO.	DESCRIPTION
15006	Aluminum Rod Bolt Stretch Gauge - Blue

## TOP DEAD CENTER PISTON STOP



Engine Works piston stop tools are designed to stop the piston in order to find top dead center. They thread into the spark plug hole for accurate use.

PART NO.	DESCRIPTION
15023	Piston Stop - Cylinder Heads On - 14mm x 1.25

## TOOLS

### SPARK PLUG HOLE THREAD CHASER



Prevent stripped spark plug holes with Engine Work's spark plug hole thread chasers. These affordable steel thread chasers are double-ended to fit 14mm and 18mm threads.

PART NO.	DESCRIPTION
15062	Spark Plug Thread Chaser - 14mm and 18mm Thread

### DECK BRIDGE NON-MAGNETIC BASE



The Engine Works deck bridge stands will fit over any cylinder bore up to 4.500 in. They are designed to check piston-to-deck clearance, as well as the piston position at top dead center.

PART NO.	DESCRIPTION
15059	Black Anodized Aluminum Deck Bridge w/o Magnetic Base





## ENGINE ROTATION ADAPTER

Engine rotation adapters rotate the crankshaft the proper way when turning the engine with the balancer already installed. They easily attach to the balancer and come in handy when assembling an engine or degreasing the cam. The crankshaft can be rotated with a 1/2 in. breaker bar or a 1 in. socket and breaker bar.



PART NO.	DESCRIPTION
15015	Chevy / Ford V8 - 1/2" Drive - Balancer Mount

## PUSHROD CHECKERS



PART NO.	DESCRIPTION
15065	6.125" to 7.500"
15066	7.500" to 8.700"
15067	8.500" to 9.800"
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
15002	Fits 3/8" Studs - Small Block Chevy
15003	Fits 7/16" Studs - Small Block Chevy

## ADJUSTABLE RING COMPRESSORS

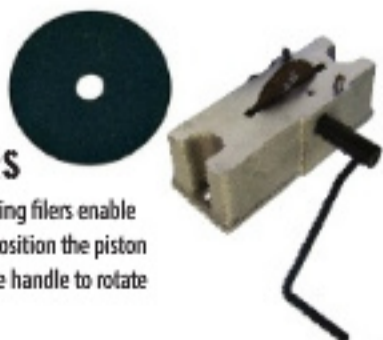
Adjustable over a .090" range to provide fitments for various bores and oversizes. Hard anodized for longer wear.



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

## UNIVERSAL PISTON RING FILERS

To ensure proper piston ring end-gap, these piston ring filers enable the user to file piston rings quickly and accurately. Position the piston ring firmly against the dowel pins, and then turn the handle to rotate the abrasive wheel.



PART NO.	DESCRIPTION
15039	Manual Piston Ring Filer - Aluminum Base - 120 Grit Grinding Wheel
15039-W	Replacement Grinding Wheel - 120 Grit - For # 15039

## HARMONIC BALANCER PULLER AND INSTALLER TOOLS

Engine Works harmonic balancer puller and installer tools are equipped with a roller thrust bearing for easy installation. They may also be used for steering wheel installation and removal.



PART NO.	DESCRIPTION
15035	Ford / GM / Mopar - 7/16", 1/2", 5/8", 3/4" Adapters

## 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
15054	Magnetic Base w/ Dial Indicator

## VALVE SPRING HEIGHT MICROMETER

These Engine Works valve spring height micrometers are inserted over the valve, between the spring seat and retainer, as if they were springs. Their threaded members allow for a quick, accurate measurement of critical valve spring heights.



PART NO.	DESCRIPTION
15000	1.400" - 1.800" - .0050" Increments - Black
15001	1.600" - 2.100" - .0050" Increments - Black

## VALVE SPRING TESTERS

The lightweight, billet aluminum spring testers accurately check spring height versus pressure. The heavy-duty bench top testers check springs up to 2" in diameter and 4" high and can be bench or vise-mounted.



PART NO.	DESCRIPTION
15018	0-300 lbs./in. - Bench Mounted
15019	0-700 lbs./in. - Bench Mounted

## HEAVY-DUTY VALVE SPRING COMPRESSOR

Engine Works heavy-duty valve spring compressors are designed to remove high-pressure valve springs with the cylinder heads removed. The valve spring compressors feature high quality steel construction.



PART NO.	DESCRIPTION
15029	Valve Spring Compressor - Manual - Up to 700 lbs. Pressure - 12" Handle
15025	Valve Spring Compressor - Stud Mount - 3/8" + 7/16" Rocker Studs - 9"



## VALVE CHECK SPRINGS

These Engine Works light-pressure springs make the assembly of components much easier. They provide enough pressure to hold the valve assembly together when checking camshaft figures, installed height, etc.

PART NO.	DESCRIPTION
15026	Low Tension Valve Springs - 2.000" Height & 0.875" Dia. - Pair

## VALVE LASH ADJUSTING WRENCHES



PART NO.	DESCRIPTION
15109	7/16" Wrench with 1/8" T-Handle
15020	9/16" Wrench with 3/16" & 7/32" T-Handles
15021	5/8" Wrench with 3/16" & 7/32" T-Handles

## CAMSHAFT INSTALLATION HANDLE

Install or remove your camshaft easily with one of Engine Works hex design handles. Installation bolts are included with the handles.



PART NO.	DESCRIPTION
15016	Camshaft Installation Handle - Hex Design - Chevy V6 & V8



## CAM BEARING INSTALLATION TOOL

Contains an arbor with a drive mount, two drive spools, two spool stabilizers, and a drive cap. If you've never installed or removed old cam bearings, just follow the step-by-step instructions included.

PART NO.	DESCRIPTION
15017	Camshaft Bearing Installation & Removal Tool - Small Block Chevy

## UNIVERSAL CAM BEARING DRIVER KIT

These Engine Works universal cam bearing driver kits are designed to remove or insert camshaft bearings in nearly all engines from sport compacts and muscle cars to heavy-duty trucks.

PART NO.	DESCRIPTION
15047	Camshaft Bearing Installation & Removal Tool w/ Case



## CAM CHECKING FIXTURE KIT

Kits include a fixture to hold the 0 to 1.000" dial indicator and 5" extension in the correct position over the lifters, ensuring proper geometry. These kits include a dial indicator, extension, and 7/16" and 1/2" adapters for use with any size engine.



PART NO.	DESCRIPTION
15057	Cam Checking Fixture Kit

## 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
15024	Universal Heads-On Degree Wheel Kit - 9.000" Dia. Wheel - Case Included

## CRANKSHAFT-TURNING SOCKETS

Made of non-marring aluminum and accept a 1/2" drive breaker bar or drive ratchet.



PART NO.	DESCRIPTION
15010	Small Block Chevy
15011	Big Block Chevy
15012	Small Block Ford, Buick & Pontiac w/ 3/16" Keyway

## 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
15052	Dial Bore Gauge Set

## 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
W80510	Flywheel Turning Tool



## BILLET AN WRENCHES

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

PART NO.	DESCRIPTION
560200	AN Wrench Set - Includes Sizes 4AN to 12AN

## 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
560205	Nitrous Bottle Nut Combo Wrench

## COILOVER SPANNER WRENCH



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

PART NO.	DESCRIPTION
15085	Coilover Spanner Wrench

## ENGINE LIFT PLATE

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



PART NO.	DESCRIPTION
W41034	Engine Lift Plate

## NEW! GM LS ENGINE LIFE PLATE

Made in USA.



PART NO.	DESCRIPTION
M41034LS	Universal GM LS Engine Life Plate

## NEW! ENGINE STORAGE CRADLE STAND W/ CASTERS

Welded from heavy-duty steel tubing, these engine stands include .25-inch steel plate mount brackets with pre-drilled holes. Each engine stand contains a red powder coated finish for good looks and long-term durability.



PART NO.	DESCRIPTION
W41037	4-Leg Engine Cradle Stand w/ Casters - SBC 350 / BBC 454

## 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
18000	Manual Rivet Gun - Red

## 6" STAINLESS STEEL CALIPERS

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
15051	6" Stainless Steel Calipers

## 6" DIGITAL CALIPERS

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



PART NO.	DESCRIPTION
W80152	6" Digital Caliper

## 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
W89720	Infrared Thermometer

## 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
W86500	Heavy-Duty Wire Crimping Tool

## VOLTAGE CIRCUIT ELECTRIC TESTER DC 6V / 12V

High quality circuit tester for 6V and 12V electrical systems can be used to detect power, ground and find shorts and breaks in wires. Handle brightly illuminates if circuit is good.



PART NO.	DESCRIPTION
16410	Voltage Tester for 6V / 12V



## ANCHOR RINGS

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

## 2" RATCHET CAR TIE-DOWNS

3,333 lb. working load limit.



PART NO.	DESCRIPTION
71508-BK	Black - 2" x 8 ft. Car Tie-Down
71508-RD	Red - 2" x 8 ft. Car Tie-Down

## 2" AXLE STRAPS

3,333 lb. working load limit.



PART NO.	DESCRIPTION
71521	Black - 21" Length x 2" Width
71521-RD	Red - 21" Length x 2" Width
71533	Black - 33" Length x 2" Width
71533-RD	Red - 33" Length x 2" Width

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## SAFETY

### RACER'S TAPE

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



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

### NON-SFI ROLL BAR PADDING



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

### ENGINE DIAPERS

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



PART NO.	DESCRIPTION
72000	Engine Oil Containment Diaper
72000B	Ballistic SFI Diaper
72001	Replacement Oil Spill Pad

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