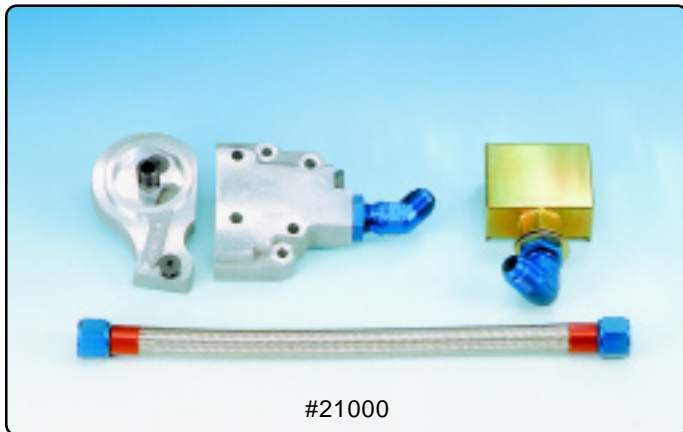




# CHRYSLER OIL SYSTEMS

External oil systems allow the bypassing of irregular and restrictive stock internal oil passages. These systems allow the placement of the pick-up in optimum position, plus the use of free flowing braided line. Kits are available with static or swivel pick-ups with single or dual lines and with or without oil pumps.. Milodon Oiling Systems provide the optimum in oiling for all types of competition. Systems come complete with all necessary bolts, fittings, O-rings, etc. for installation. A Milodon oil pan, windage tray and oil pump drive shaft will complete the package. In some cases, minor notching of frame is required.



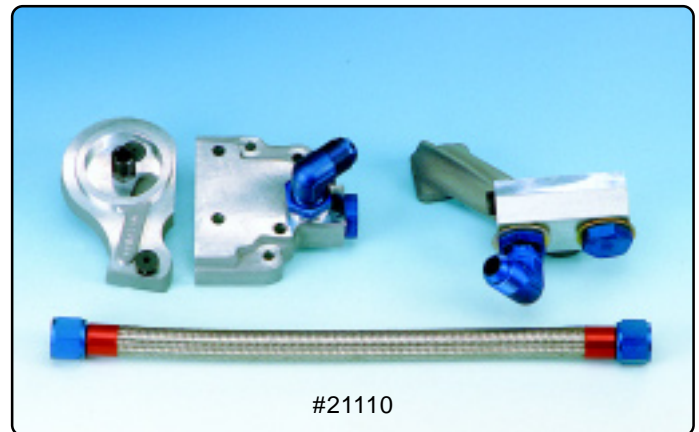
#21000

## SINGLE LINE STATIC

Ideal system for street or street and strip applications. Will supply adequate oil supply up to 7000 RPM when used with a Mellings M63HV high volume pump. Use with Milodon #30931 or #31015 oil pan.

- 426 Hemi or Wedge, with motor plate . . . . . **21000**
- 383-440 Wedge, with stock motor mounts . . . **21010**

– OIL PUMP DRIVE ASSEMBLY REQUIRED –  
Use #21505 Steel Gear / #21525 Bronze Gear



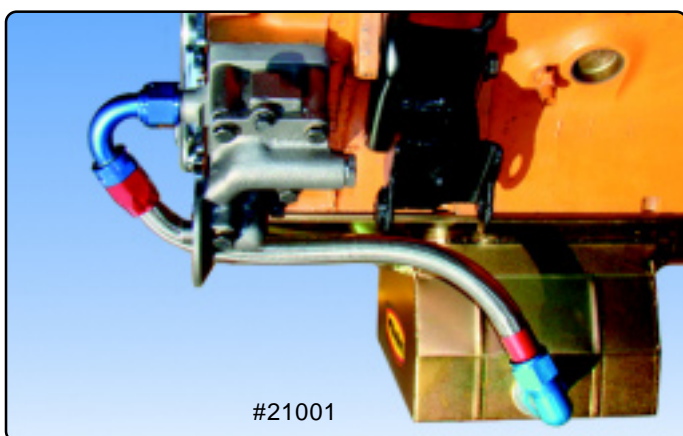
#21110

## SINGLE LINE SWIVEL

Ideal for cars and applications where engine speed does not exceed 7000 RPM when used with a Mellings M63HV high volume pump. Use with Milodon rear sump design oil pans.

- 426 Hemi or Wedge, with motor plate . . . . . **21100**
- 383-440 Wedge, with stock motor mounts . . . **21110**

– OIL PUMP DRIVE ASSEMBLY REQUIRED –  
Use #21505 Steel Gear / #21525 Bronze Gear



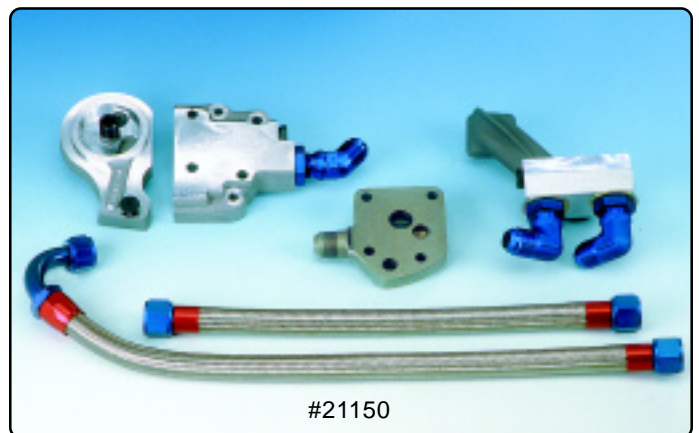
#21001

## STOCK COVER, SINGLE LINE STATIC

Ideal system for street or strip applications where space is limited due to motor mounts etc. Will supply adequate oil volume up to 7000 RPM when used with a Mellings M63HV high volume pump. Use with Milodon #30931 or 31015 oil pans. Longer oil pump drive shaft is needed.

- 426 Hemi or 383-440 & Up Wedge . . . . . **21001**

– OIL PUMP DRIVE ASSEMBLY REQUIRED –  
Use #21500 Steel Gear / #21520 Bronze Gear



#21150

## DUAL LINE SWIVEL

Dual line systems deliver adequate oil volume up to 7500 RPM when used with a Mellings M63HV high volume pump. Use with Milodon rear sump design oil pans.

### With Swivel Pickup

- 426 Hemi or Wedge, with motor plate . . . . . **21150**
- 383-440 Wedge, with stock motor mounts . . . . . **21160**

OIL PUMP DRIVE ASSEMBLY REQUIRED –  
Use #21500 Steel Gear / #21520 Bronze Gear



# CHRYSLER OIL SYSTEMS



#21185

## DUAL LINE WITH PUMP

Systems with pumps deliver substantial oil even when engine RPM greatly exceeds 8000. Use with Milodon rear sump design oil pans.

### With Swivel Pickup

- 426 Hemi or Wedge, with motor plate . . . . . **21175**
- 383-440 Wedge, with stock motor mounts . . . . . **21185**

### With Static Pickup For 31460 Pan

- 426 Hemi or Wedge, with motor plate . . . . . **21176**
- 383-440 Wedge, with stock motor mounts . . . . . **21186**

– OIL PUMP DRIVE ASSEMBLY REQUIRED –  
Use #21503 Steel Gear / #21523 Bronze Gear

**TECH NOTE:** On Oil Pump Covers, the **Top** port is “**OUT**”, while the **Bottom** port is “**IN**”.



#21196

## DUAL LINE WITH OIL PUMP FOR REMOTE OIL FILTER

Same as #21175 and 21185 but has provision for remote filter. Use with Milodon rear sump design oil pans.

### With Swivel Pickup

- 426 Hemi or Wedge, with motor plate . . . . . **21190**
- 383-440 Wedge, with stock motor mounts . . . . . **21195**

### Marine Use with V-Drive Pan

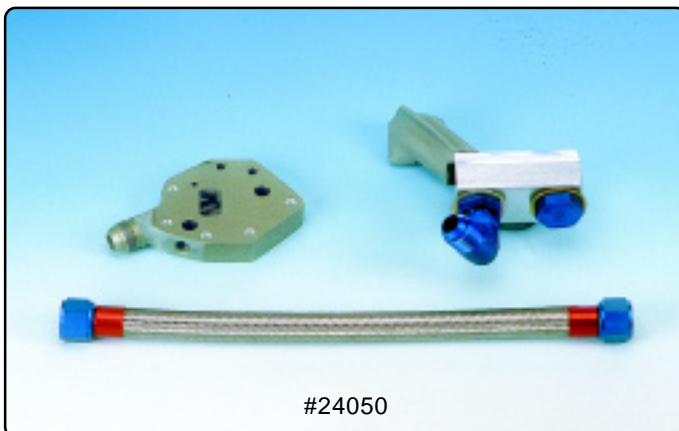
- Hemi & Wedge, Swivel Pickup with Oil Pump . **21193**

### With Static Pickup For 31460 Pan

- 426 Hemi or Wedge, with motor plate . . . . . **21191**
- 383-440 Wedge, with stock motor mounts . . . . . **21196**

– OIL PUMP DRIVE ASSEMBLY REQUIRED –  
Use #21503 Steel Gear / #21523 Bronze Gear

# AMC / JEEP OIL SYSTEMS

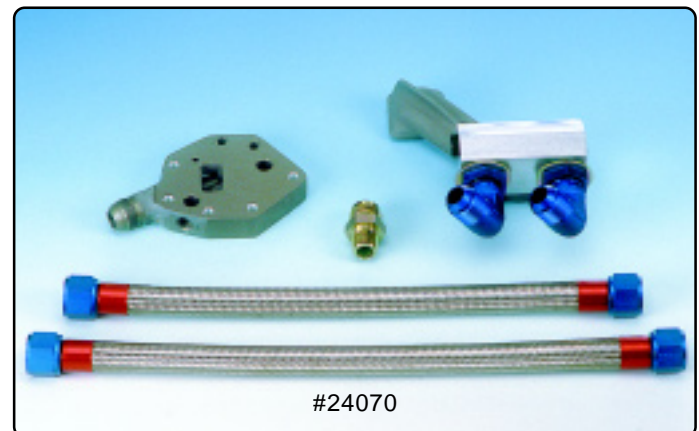


#24050

## AMC SINGLE LINE - EXTERNAL SYSTEM

- **Single Line with Swivel Pick-Up** for use in AMC Street & Strip Cars or Jeep V8 Off-Road. Increases oil system volume without modifying oil pump / timing cover.

Recommended for  
UP TO 7000 RPM . . . . . **24050**



#24070

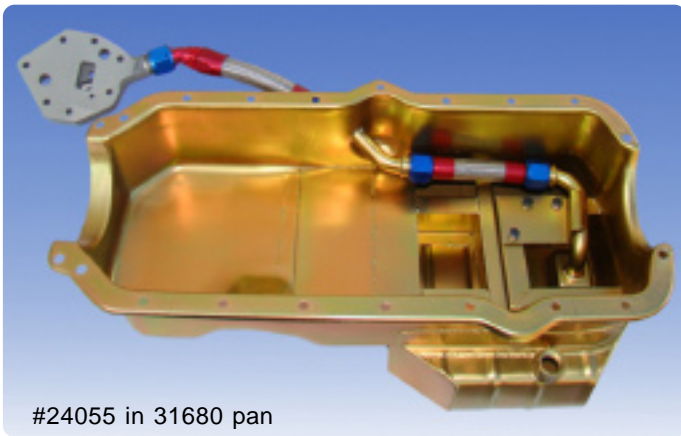
## AMC DUAL LINE - EXTERNAL SYSTEM

- **Dual Line with Swivel Pick-Up** for use in AMC Street & Strip Cars or Jeep V8 Off-Road. Increases oil system volume without modifying oil pump / timing cover.

Recommended for  
UP TO 7500 RPM . . . . . **24070**



# AMC OIL SYSTEMS



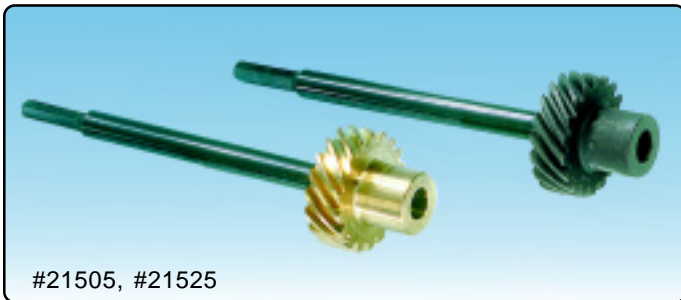
#24055 in 31680 pan

## AMC SINGLE LINE PRO TOURING-EXTERNAL SYSTEM

- For use in AMC Pro Toring, Autocross and Street & Strip Cars. Increases oil system volume without modifying oil pump / timing cover.
- System includes pump cover spacer and bolts, exterior line, interior line and pickup tube unit.
- Must be used with Milodon oil pan #31680 as connecting tube through the pan is welded in place.

Recommended for *Up to 7200 RPM* ..... **24050**

# CHRYSLER OIL SYSTEM COMPONENTS



#21505, #21525

## CHRYSLER CHROME MOLY OIL PUMP DRIVES

Distributor shaft and gear assembly for all 383-440 Wedge and Hemi engines. Bronze gear assemblies are for Roller Cams. Steel gear assemblies are used for flat tappet and hydraulic cam applications.

Wedge and Hemi using Milodon Oil Systems with ateel high volume oil pump and dual line spacer: #21001, #21150, #21160. Overall length 8.500"

- Steel Gear ..... **21500**
- Bronze Gear ..... **21520**

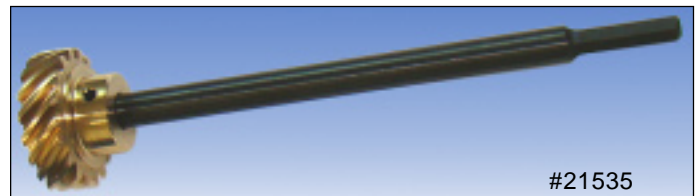
Wedge and Hemi using Milodon aluminum pump #21815. Use with Milodon Oil Systems #21175, #21185, #21190, #21195. Overall Length 8.187"

- Steel Gear ..... **21503**
- Bronze Gear ..... **21523**

Wedge and Hemi using stock-style pan and tube pick-up. Also used with Milodon Oil Systems #21000, #21010, #21100, #21110 and systems using a Keith Black pump.

Overall Length 7.875"

- Steel Gear ..... **21505**
- Bronze Gear ..... **21525**



#21535



#21530

## CHRYSLER SMALL BLOCK CHROME MOLY OIL PUMP DRIVES

Distributor shaft and gear assembly for all 340-360. Bronze gear assemblies are for Roller Cams. Steel gear assemblies are used for flat tappet and hydraulic cam applications. Both use premium material and will not wear like cheaper bronze version or stock stell cast gears.

- Steel Gear ..... **21530**
- Bronze Gear ..... **21535**







# OIL SYSTEM COMPONENTS

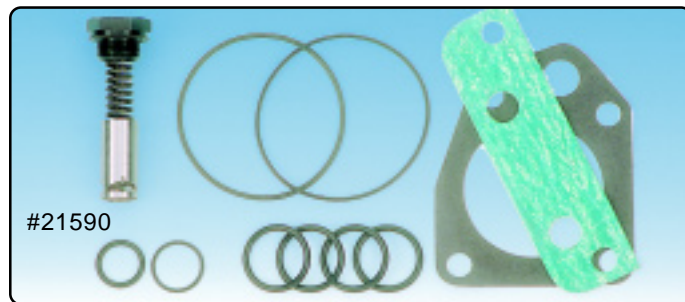


#21550

## CHRYSLER OIL PRESSURE REGULATOR

Permits oil pressure adjustment externally even when the engine is running. Very valuable asset for dialing-in desired oil pressure, for compensating for low oil pressure on street application or excessively high oil pressure on the track (more than 75 PSI hot is usually unnecessary and uses extrahorsepower to drive).

Chrysler Wedge and 426 Hemi . . . . . **21550**



#21590

## CHRYSLER OIL SYSTEM GASKET & O-RING KIT

Includes oil pump to block and oil filter adapter gaskets, pressure regulator assembly, oil pump and pick-up O-rings for Milodon Oil Systems or any other Chrysler Hemi and Wedge oil pumps. Contains all components necessary to rebuild complete Milodon oil systems . . . . . **21590**

## CHRYSLER OILING SYSTEM COMPONENTS



#21215



#21225

### COVERS

Pump Cover, Billet - Hemi & Wedge If Using Motor Plates (less fittings) . . . . . **21205**

Pump Cover, Cast - Wedge with Stock Mounts (less fittings) See image in kit #21110 . . . . . **21210**

Pump Cover, Billet - Wedge with Stock Mounts (less fittings) . . . . . **21215**

Pump Cover, Billet - Hemi/Wedge Using Motor Plates Remote Filter (less fittings) . . . . . **21225**

Pump Cover, Billet - Wdge Using Remote Filter (less fittings) . . . . . **21235**

### PICKUPS

Single Line Static Pick-Up (less fittings) . . . . . **21300**

Dual Line Swivel Pick-Up (less fittings) . . . . . **21330**

Dual Line Spacer, See image in kit #21150 . . . . . **21350**

AMC Dual Line Spacer . . . . . **21355**



#21450 & 21455

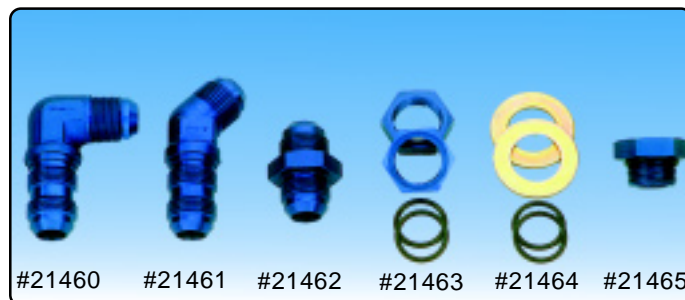


#21350

### LINES

25½" 12-AN Line . . . . . **21450**

18" 12-AN Line . . . . . **21455**



#21460

#21461

#21462

#21463

#21464

#21465

### FITTINGS

12-AN 90° Fitting . . . . . **21460**

12-AN 45° Fitting . . . . . **21461**

12-AN Union . . . . . **21462**

12-AN Jam Nuts & O-rings (2) . . . . . **21463**

12-AN Large Diameter Washers & O-rings (2) . . . . . **21464**

12-AN Plug & O-ring (For pump cover or drain plug). **21465**



#21466



#21469



#21468

12-AN 45° Fitting, Jam Nut & O-ring (For pump cover) **21466**

12-AN 90° Fitting, Jam Nut & O-ring (For pump cover) **21467**

12-AN 90° Fitting, Washer, Jam Nut & O-ring (For oil pan) . . . . . **21468**

12-AN Plug, Washer & O-ring (For Oil Pan) . . . . . **21469**

### PUMPS

Billet Pump Housing and Gears, 19 G.P.M. Flow . . . . . **21814**

Pump Housing and Gears, 19 G.P.M. Flow . . . . . **21815**

Replacement Gears for #21815 (1.100" tall) . . . . . **21817**





# OIL SYSTEM COMPONENTS

## REMOTE OIL FILTER KITS

This kit allows you to overcome space limitations by permitting custom installation of the oil filter in any desired location. Ease of accessibility can also be greatly improved by oil filter relocation. Both the Braided Steel AN Line Kit or the High Performance Kit are comprised of race quality components and provide reliable, leak-proof performance.



### BRAIDED STEEL AN LINE KIT

Designed for Competition or Street Rods that require the durability & look of Braided Steel AN lines & fittings. This kit comes with remote filter housing, which uses a Ford/Chrysler type filter, as well as (2) 24" 10AN oil lines & fittings.

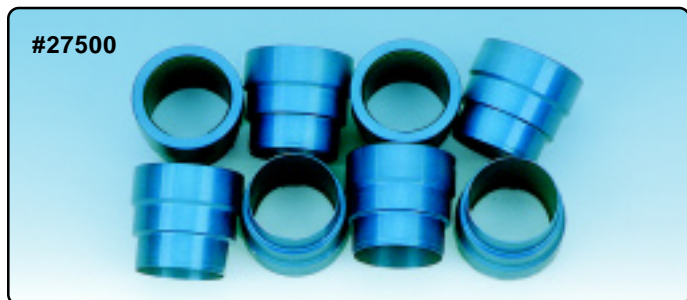
- Kit for Single Filter ..... **21560**
- Kit for Dual Filter ..... **21562**

*NOTE: Requires Block Adapter #21565 for Chevys, #21566 for Ford/Chry. engines or a Milodon oiling system.*

### HIGH PERFORMANCE KIT

This is a complete kit consisting of a remote filter housing which uses a Ford / Chrysler type filter, a block adapter & (2) 24" 300 PSI working pressure lines & all necessary brass fittings.

- Complete Chevy Kit..... **21570**
- Complete Ford/Chrysler Kit..... **21572**



### HEMI TUBE SEALS

Required by serious competitors using Hemi engines. Milodon seals press fit into the cylinder heads and provide a snug, O-ringed contact on spark plug tubes preventing undesirable oil seepage into combustion chambers. Facilitates accurate plug readings.

- Hemi - Late (set of eight) ..... **27500**
- Hemi - Early (set of eight) ..... **27050**

### LS SERIES CHEVY KIT

Similar to the High Performance Kit, this complete kit consists of a remote filter housing, which uses a Ford / Chrysler type filter, & (2) 36" 300 PSI working pressure lines & all necessary aluminum AN fittings.

- Complete Chevy LS / Gen III Kit ..... **21575**

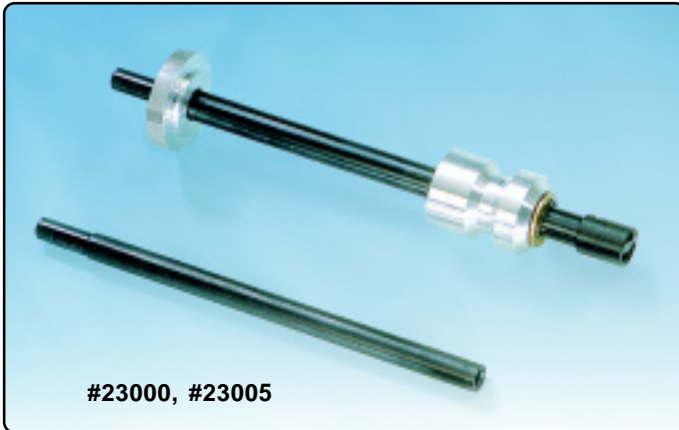


### REMOTE FILTER BLOCK ADAPTERS

- Chevy V8 Adapter  
for Remote Filter Kits (Single or Dual) ..... **21565**
- Ford/Chrysler V8 Adapter  
for Remote Filter Kits (Single or Dual) ..... **21566**



# OIL SYSTEM COMPONENTS

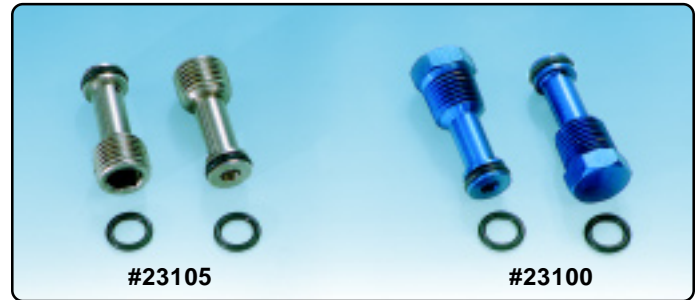


#23000, #23005

## OIL PUMP PRIMERS

Before starting a new motor, proper priming of the system is absolutely critical. These oil pump primers prohibit needless engine wear from improper lubrication upon initial start-up. These primers allow you to drive the oil pump with a 3/8" drill once the distributor is removed. The Chevy "Pro Model" not only primes the oil pump and bottom end but also the lifters and rocker assemblies. The "Pro Model" also has a top support that locks down with the distributor clamp to provide "hands free" operation. All are black oxide finished.

- Small and Big Block Chevy ..... **23000**
- Ford 289, 302, 390, 428 with  
1/4" Hex Pump Shaft ..... **23005**
- Ford 351W, 351C, 400, 429, 460  
with 5/16" Hex Pump Shaft ..... **23010**
- Small and Big Block Chryslers ..... **23015**



#23105

#23100

## OIL FLOW RESTRICTOR PLUGS

These plugs solve the common high-performance engine problem of too much oil in the head area. The plug restricts approximately 75% of the oil to the top end of the engine for better lubrication and prevents oil wastage at the lifters (which will cause windage problems). This also keeps the sump better supplied with oil. Installs easily into the back of the block in place of the stock plugs. Not for use with hydraulic lifters.

### ALUMINUM HEX HEAD

- Small Block and Big Block Chevy ..... **23100**

### STAINLESS STEEL FLUSH

- Small Block and Big Block Chevy late model Bowtie, Rocket and Merlin Blocks. Plug has an allen head to allow flush mounting in the block and is made from stainless steel to avoid stripping out on removal. .... **23105**

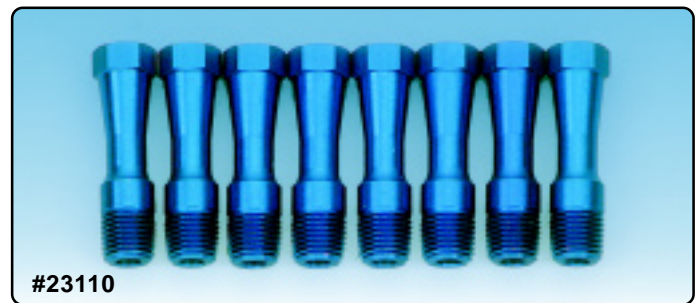


#23150

## LIFTER VALLEY SCREEN KITS

The Milodon Lifter Valley Screen Kits provides inexpensive insurance for Small Block and Big Block Chevy racing engines-especially for dry sump applications. Designed to prevent broken parts from falling into the oil pan or pump and causing serious motor damage, these stainless steel screens affix to the oil drainback holes located in the valley area of Chevy engines. Screen kit includes instructions and epoxy.

- Small Block Chevy. .... **23150**  
*Kit includes both screens & block-off plugs for over the cam area to give you an option.*
- Big Block Chevy ..... **23160**  
*Kit includes two epoxy kits for adequate coverage.*



#23110

## LIFTER VALLEY PRESSURE VENTS

These vents are a key part of any highly efficient oiling system. They allow the crankcase pressure to escape unobstructed, allowing more speedy oil drain back to the oil pan and stop a large portion of the unwanted oil drain back over the cam area that causes excessive windage and power loss. Existing holes in the block are simply tapped and vents screw in.

- Small Block Chevy. .... **23110**





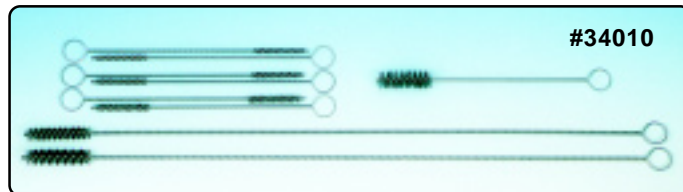
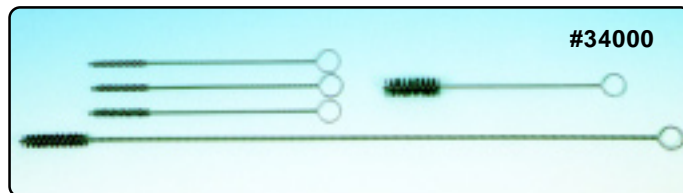
# ENGINE ASSEMBLY ITEMS



## CRANKSHAFT SOCKETS

Designed for the engine builder, this crankshaft rotating socket slips on over crank snout and enables the builder to rotate, with ease, a complete engine for assembly. CNC machined and gold irridited. *NOTE: For use when dampner is removed only.*

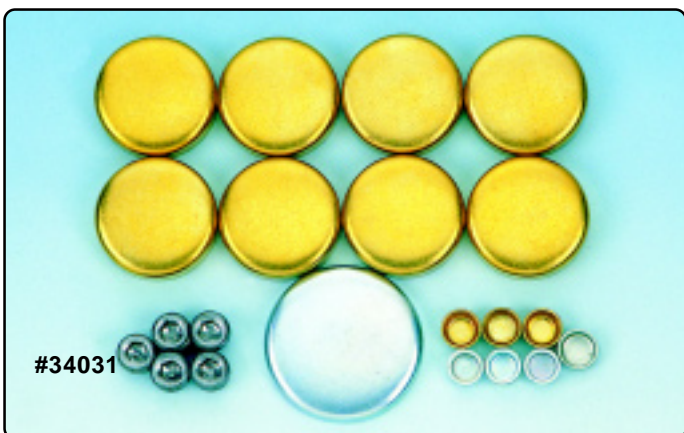
Small Block Chevy.....	<b>27000</b>
Big Block Chevy.....	<b>27005</b>
Chrysler V8.....	<b>27010</b>
Ford V8, Buick V8, Pontiac V8, and Olds V8....	<b>27015</b>



## ENGINE CLEANING BRUSHES

Cleaning of an engine's oil passages prior to assembly is an absolute must. These brush kits will scrub oil sludge and machining debris from cranks, lifter bores and oil galleys.

Chevy and Ford 289-302.....	<b>34000</b>
Fords (except 289-302), Chrysler, Olds, & Pontiac.	<b>34005</b>
Professional Kit for All Engines.....	<b>34010</b>



## BRASS FREEZE PLUG KITS

Milodon brass freeze plugs will not rot out, like lower cost steel ones. Your new engine assembly deserves the best. Don't get stuck trying to replace a leaking steel freeze plug behind a motor mount a year or two from now! Milodon kits include all the necessary external block freeze plugs, cam and oil galley plugs for one complete engine.

Chevy 283-350.....	<b>34031</b>
Chevy 400.....	<b>34032</b>
Chevy 396-454.....	<b>34033</b>
Ford 289-302-351W.....	<b>34035</b>
Ford 352-390-428.....	<b>34036</b>
Ford 351C-351M-400.....	<b>34037</b>
Ford 429-460.....	<b>34038</b>
Chrysler 273-360.....	<b>34040</b>
Chrysler 383-440.....	<b>34041</b>
Oldsmobile V8.....	<b>34045</b>
Pontiac V8.....	<b>34046</b>
Holden 253-308.....	<b>34047</b>



## VACUUM LINE CAPS

These caps are an easy way to temporarily or permanently cap off vacuum ports or connections that have had the lines removed. Kit contains:

(2) 1/8", (6) 3/16", (6) 1/4", (2) 5/16", and (4) 3/8" caps.....	<b>41150</b>
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