



Ignition Wire Sets And Accessories

Universal wire sets have the spark plug boot and terminal factory installed. The distributor end boots and terminals are supplied, but are not crimped on. Wires are extra long and include a Mini-Stripper Crimper to aid installation.

Super Conductor 8.5mm Spark Plug Wire Sets

Have extremely low resistance and high RFI (radio frequency interference) suppression; a combination which would seem to defy the laws of physics. The low resistance is the result of a helically wrapped, copper alloy conductor which is then wrapped around a ferro-magnetic impregnated center core. Available in red or black.

2 In 1 Universal Sets



MSD31199 (Red Super Conductor),

MSD31193 (Black Super Conductor)

Includes terminals for 8-cylinder engines with early- (socket) and late-type (HEI spark plug top) distributor caps. Multi-angle boots and terminals are factory installed on one end.

2 In 1 Universal Sets



MSD31239 (Red Super Conductor),

MSD31233 (Black Super Conductor)

Set includes terminals for 8-cylinder with early- (socket) and late-type (HEI spark plug top) distributor caps. 90° boots and terminals are factory installed on one end.

Universal Wire Sets



MSD31189 (Red Super Conductor),

MSD31183 (Black Super Conductor)

For engines with HEI (spark plug type) distributor caps. Multi-angle boots and terminals are installed on one end. 90° distributor boots and terminals included.

Universal Wire Sets



MSD31229 (Red Super Conductor),

MSD31223 (Black Super Conductor)

For engines with HEI (spark plug type) distributor caps (Ford Duraspark or MSD Cap-a-Dapt). 90° spark plug boots are installed and 90° distributor boots and terminals are included.

Universal Street Fire V-8 Spark Plug Wire Sets

Ideal for street and hobby stocks, Street Fire wires have helically wound conductors to suppress electrical and RFI noise and an 8mm silicone and synthetic jacket to resist heat and abrasion. Sets have only the spark plug boot installed. Terminals and boots for the distributor side are included, but not crimped on. Wires are extra long and include a Mini-Stripper Crimper. Offered in black only.



| Part No. | Description |
|----------|----------------------------------|
| MSD5550 | Multi-Angle Plug, HEI Cap |
| MSD5551 | Multi-Angle Plug, Socket/HEI Cap |
| MSD5552 | 90° Plug, HEI Cap |
| MSD5553 | 90° Plug, Socket/HEI Cap |

Race Tailored Spark Plug Wire Sets

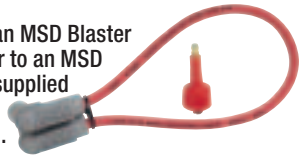
Custom fit sets designed for cars with headers and MSD distributor. Choose from red or black Super Conductor spark plug wire sets. Wires run under the headers on all sets listed.



| Application | Style | Red Super Conductor Set | Black Super Conductor Set |
|--|--------|-------------------------|---------------------------|
| Small Block Chevy | | | |
| MSD/Socket Cap, Wires Under Headers | Socket | MSD31599 | MSD31593 |
| MSD/Socket Cap, Wires Over Valve Covers | Socket | MSD31659 | MSD31653 |
| MSD/HEI Style Cap, Wires Over Valve Covers | HEI | MSD31359 | MSD31353 |
| MSD/HEI Style Cap, Wires Under Headers | 90° | MSD31249 | MSD31243 |
| MSD/HEI Style Cap, X-Long Wires Under Headers | HEI | MSD31769 | MSD31763 |
| MSD/HEI Style Cap, Wires Under Headers | HEI | MSD35599 | MSD35593 |
| Crab Cap With HEI Terminals, Wires Under Headers | HEI | MSD30479 | - |
| Small Block Ford | | | |
| Late MSD/HEI Style Cap | HEI | MSD31329 | MSD31323 |
| Ford 4 Cyl. 2300cc | | | |
| Late MSD/HEI Style Cap | HEI | MSD31259 | - |

Coil Wires

Super Conductor coil wire attaches an MSD Blaster Series coil to an MSD HEI dust cover or to an MSD distributor. Measures 18" long and is supplied with 90° boots, terminals and a Power Tower. Choose from black or red wires.



| Part No. | Description |
|----------|---------------------------------|
| MSD84033 | Black Super Conductor Coil Wire |
| MSD84039 | Red Super Conductor Coil Wire |



Replacement Spark Plug Boots And Terminals

| Description | 2/Card Part No. | 8/Card Part No. |
|---|-----------------|-----------------|
| Multi-Angle Boots And Terminals | MSD3301 | - |
| GM LS1 45° Plug Boots And Terminals | MSD3304 | - |
| 90° MSD Boots And Terminals | MSD3311 | MSD8850 |
| HEI Style 90° Boots And Terminals | MSD3320 | MSD8849 |
| 90° Socket Boots And Terminals | MSD3321 | MSD8851 |
| Straight Socket Boots And Terminals | MSD3322 | - |
| Pro Racing 90° Boots And Terminals | MSD3325 | MSD8852 |
| Pro Racing 115° Boots And Terminals | MSD3326 | MSD8853 |
| Pro Racing Straight Boots And Terminals | MSD3327 | MSD8854 |
| Short 90° Boots And Terminals | - | MSD8848 |
| Blaster 2 Coil Boot And Terminal | MSD3331* | - |

* (1) Boot and (1) Terminal

Replacement And Bulk Spark Plug Wire

Replacement red Super Conductor spark plug wire is offered in pre-cut 48" wire lengths and bulk spools. The 48" wire includes a multi-angle boot and terminal on one end, and a 90° HEI style boot and terminal on the other.

| Part No. | Description |
|----------|-------------------------|
| MSD34069 | Replacement, 48" Length |
| MSD34039 | Bulk, 6' Length |
| MSD34019 | Bulk, 25' Length |
| MSD34049 | Bulk, 100' Length |





Pro-Heat Guard Wire Sleeve **MSD3411**

Provides extra protection to spark plug wires. Tough, glass-woven sleeving is covered with Silicone rubber and resists up to 1000°F. Sold in a 25 foot roll.



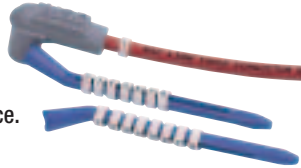
Pro-Boot Guard **MSD3412**

Guard protects spark plug boots from excessive heat. Slide-on sleeve has a fiberglass woven inner sleeve coated with silicone rubber to withstand extreme temperatures. Six foot roll.



Cylinder Markers **MSD3414**

Molded plastic markers ensure that plug wires are always in the right place. Designed for 8.5mm wire.



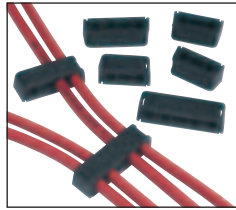
Shrink Sleeve With Numbers **MSD3415**

Quickly identify plug wires with numbered shrink sleeves. Sleeves easily slide over spark plug boot and shrink tightly around wire when heat is applied. Sold in sets of eight.



Pro-Clamp Wire Separators **MSD8843**

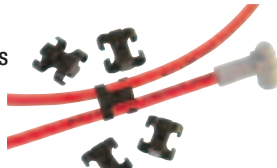
Snap together separators have grooves to hold wires firmly without damaging insulation. Kit includes two 4-wire, two 3-wire and four 2-wire separators.



Wire Separators

MSD's Wire Separators keep plug wires away from hot exhaust, and each other, to prevent inductive crossfire.

Part No. Description
MSD8841Dual Plug Wire Separators, 8-8.5mm Wires
MSD8842Dual Plug Wire Separators, Wires With Sleeve



Pro-Crimp Tool II **MSD35051**

A must for any tool box. Interchangeable jaws allow a variety of crimps with one heavy duty tool. Hardened steel frame features molded hand grips.

Part No. Description
MSD3509Weathertight Terminal Dies
MSD3510Deutsch Terminal Dies



Mini-Stripper-Crimper **MSD3503**

For 8mm Heli-Core or 8.5mm Super Conductor wire. Used with a vise and single-edge razor blade, the vise is tightened, and even pressure makes tight crimps.



Ultimate GM HEI Kit **MSD8501**

Everything needed to make any early model GM HEI distributor a great performer with MSD reliability. Matching coil and module produce higher voltage and energy for exceptional high speed coil saturation and high RPM power. Kit includes high energy module, coil, cap, dust cover and rotor. A low resistance HEI bushing is recommended (but must be purchased separately) when an MSD series Ignition Module has been added. Components are also available separately.



Replacement Components

Part No. Description
MSD8225High Output Coil
MSD8412Low Resistance Bushing, Not Included In Kit
MSD83647*HEAT Digital HEI Module With Rev Limiter
MSD84022Factory Style Coil Dust Cover
MSD84101Rotor
MSD84111Distributor Cap

* Module may only be used with non-computerized (4-pin module) HEI's.

Super HEI Kit **MSD85001** **NEW!**

Just what the Saturday night racer ordered. The solution to the GM HEI's loss of power above 4,500 RPM. Kit, which delivers more power, increased RPM range and improved throttle response, includes a Digital 6AL ignition control, Blaster SS coil, coil wire and HEI dust cover. Ignition control includes the built-in Soft Touch Rev Control to protect the engine from overrev damage.



GM HEI Module Bypass Cable Assembly **MSD8861**

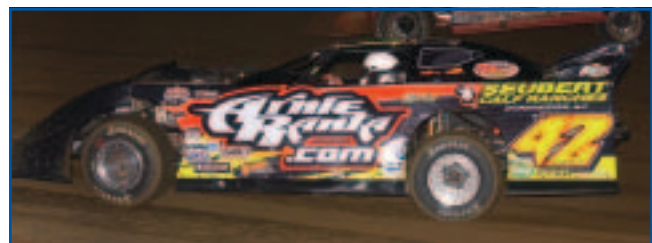
Use to plug an MSD 6 or 7 Series ignition or timing accessory directly into the magnetic trigger inside a GM HEI distributor.



Soft Touch Rev Control

To limit RPM, Soft Touch computer circuitry drops one cylinder at a time and then fires that cylinder on the next cycle to prevent plug fouling. Smooth limiting action holds RPM at the selected limit with no backfires, roughness or damage. Easily adjusted with plug-in modules for 6,000, 7,000 and 8,000 RPM (other module kits available). Adjustable for 4, 6 or 8-cylinder engines with points, stock electronic or MSD capacitive discharge ignitions.

Part No. Description
MSD8728Soft Touch Rev Control, OEM or Points Ignition
MSD87286Soft Touch Rev Control, DIRT Spec.



Terry Casey

Photo By: Rick Schwallie



Timing Lights

Accurate timing is extremely important to any race engine. MSD offers two lights. Both feature easy to see bright strobes and detachable leads for easy storage. The self-powered timing light uses six AAA batteries so there are no extra wires hanging over the engine compartment. Ideal for race cars without batteries.



Part No. Description
MSD8991Self-Powered Timing Light
MSD899212-Volt Powered Timing Light



Universal Timing Tape Kit

MSD8985

Timing tape adheres to harmonic balancer for easy, precise timing adjustments. Kit includes eight tapes to fit balancers from 5.25"-8" diameter.



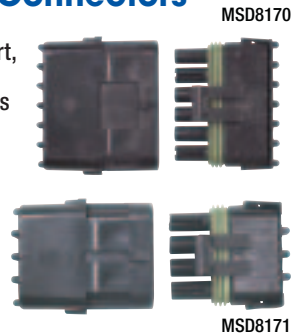
Swaged Aluminum Radius Rods

Swaged aluminum radius rods have 5/8" thread with knurling on each end.

| Length | 1.00" O.D. | 1.125" O.D. | 1.250" O.D. |
|--------|------------|-------------|-------------|
| 11" | MWASR-11 | - | - |
| 12" | MWASR-12 | - | - |
| 13" | MWASR-13 | - | - |
| 14" | MWASR-14 | - | - |
| 15" | MWASR-15 | - | - |
| 16" | MWASR-16 | - | - |
| 17" | MWASR-17 | - | - |
| 18" | MWASR-18 | MWASR-18L | - |
| 18.5" | - | MWASR-18.5L | - |
| 19" | MWASR-19 | MWASR-19L | - |
| 19.5" | - | MWASR-19.5L | - |
| 20" | MWASR-20 | MWASR-20L | - |
| 20.5" | MWASR-20.5 | MWASR-20.5L | - |
| 21" | MWASR-21 | MWASR-21L | - |
| 21.5" | MWASR-21.5 | MWASR-21.5L | - |
| 22" | MWASR-22 | MWASR-22L | - |
| 22.5" | MWASR-22.5 | MWASR-22.5L | - |
| 23" | MWASR-23 | MWASR-23L | - |
| 23.5" | MWASR-23.5 | MWASR-23.5L | - |
| 24" | MWASR-24 | MWASR-24L | - |
| 24.5" | MWASR-24.5 | - | - |

Weathertight Sealed Connectors

Connectors are unaffected by water, chemicals, vibration, temperature or dirt, and will not come apart accidentally. Connectors can withstand temperatures from -40 to +257°F. and are indexed to prevent misfiring. May be separated by hand or with a screwdriver when space is tight. Each terminal has its own tower, eliminating shorts between the wires. Each connector half has a secondary lock that snaps over the terminal.



Part No. Description
MSD81706-Pin Male Tower/Female Shroud With Pins And Seals
MSD81714-Pin Male Tower/Female Shroud With Pins And Seals
MSD81723-Pin Male Tower/Female Shroud With Pins And Seals
MSD81732-Pin Male Tower/Female Shroud With Pins And Seals
MSD81741-Pin Male Tower/Female Shroud With Pins And Seals



Jon Henry



Jam Nuts

Specifically for use with M&W swaged aluminum radius rods.

Part No. Description
MWAAJN-10L 5/8" I.D. x 3/4" O.D., Left Hand Threads
MWAAJN-10R 5/8" I.D. x 3/4" O.D., Right Hand Threads



Tie-Downs

Mac's ratchet tie-downs and axle straps offer unparalleled safety and security when securing vehicles to trailers, chassis dynos, etc. Ratchet and axle straps listed are rated at 10,000 lbs. Tie-downs may be purchased in Ultra Pack or Super Pack kits, or individually. Black only.



Part No. Description

Tie-Down Kits

- MTD511208Ultra Pack, (4) 8' Long x 2" Wide Twisted Snap Hook Ratchet Tie Downs, (4) 24" Axle Straps, (4) Strap Wraps And Duffle Bag
- MTD511218Ultra Pack, (4) 8' Long x 2" Wide Direct Hook Ratchet Tie Downs, (4) 24" Axle Straps, (4) Strap Wraps And Duffle Bag
- MTD511108Super Pack, (4) 8' Long x 2" Wide Combination Axle Strap Twisted Snap Hook Ratchet Tie Downs, (4) Strap Wraps And Duffle Bag
- MTD511118Super Pack, (4) 8' Long x 2" Wide Combination Axle Strap Direct Hook Ratchet Tie Downs, (4) Strap Wraps And Duffle Bag

Individual Tie-Down Components

- MTD12173636" Long x 2" Wide Axle Strap
- MTD1210088' Long x 2" Wide Twisted Snap Hook Ratchet Tie Down
- MTD1211088' Long x 2" Wide Flat Snap Hook Ratchet Tie Down
- MTD1214088' Long x 2" Wide Combination Axle Strap Ratchet Tie Down
- MTD416007Strap Wrap

Pivot Engine Lift Plate MTD701001

Remove or replace engines quickly and effectively. Unique, articulating engine lift plate allows tilting the engine up to 35° with a few turns of a ratchet. Rigid steel unit has a 1,200 lb. capacity.



VersaTie Track Kits

The convenient, all-in-one tie-down solution. Perfect for securing ATV's, tool boxes and pit equipment in trailers or pick-up beds. VersaTie tracks are constructed of aircraft quality extruded aluminum and use corrosion resistant stainless steel hardware for a virtual lifetime of service. Each kit includes two lengths of track, single stud tie down rings and necessary hardware.



MTD522048

- Part No. Description**
- MTD5220121' VersaTie Track Kit, Includes (2) 1' Track, (2) Single Stud Tie Down Rings And Hardware
 - MTD5220242' VersaTie Track Kit, Includes (2) 2' Track, (2) Single Stud Tie Down Rings And Hardware
 - MTD5220484' VersaTie Track Kit, Includes (2) 4' Track, (4) Single Stud Tie Down Rings And Hardware
 - MTD520415VersaTie 1-1/2" Anchor Plate Assembly, Four Pack
 - MTD310001Single Stud Tie Down Ring, 3,000 Lbs. Rating, Each
 - MTD310004Double Stud Fitting With Pear Shaped Ring, 5,000 Lbs. Rating, Each

Horizontal E-Track

Industry standard horizontal E-Track provides a quick, effective method of securing cargo in trailers, pick-up beds, etc. Black painted steel. E-Track may be used with round ring or D-ring fittings.



MTD270001

- Part No. Description**
- MTD270001Horizontal E-Track, 5' Long
 - MTD270002Horizontal E-Track, 8' Long
 - MTD121001Rope Tie-Off Fitting, 3,000 Lbs. Rating, Each
 - MTD320001Round Ring Fitting, 3,000 Lbs. Rating, Each
 - MTD320002D-Ring Fitting, 3,000 Lbs. Rating, Each
 - MTD320004Round Ring Heavy Duty Fitting, 6,000 Lbs. Rating, Each

Fixed Point Hardware

Attaches directly to pick-up beds, trailers, etc., allowing the retention of cargo.



- Part No. Description**
- MTD330003Recessed 360° Swivel D-Ring, 6,000 Lbs. Rating, Each
 - MTD330004Recessed 360° Swivel D-Ring, Stainless Steel, 6,000 Lbs. Rating, Each
 - MTD472006Backing Plate For Swivel D-Ring, Each

Marshall

I N S T R U M E N T S

Comp II Tachometers

Large, 5" diameter Comp II tachometers utilize 270°, full sweep dials with bold markings, bright orange pointers and modern incandescent lighting for exceptional readability. Stepper motor technology provides exceptional accuracy. Choose from tachs with white or black dial faces.



MAR3296

| Description | Black Part No. | White Part No. |
|---|----------------|----------------|
| 0-10,000 RPM Tachometer, Recall | MAR3092 | MAR3292 |
| 0-10,000 RPM Tachometer, Recall And Shift Light | MAR3096 | MAR3296 |

Comp II Gauges

High performance at an affordable price...that's Marshall Instruments Comp II line of gauges. Mechanical, 2-5/8" gauges have durable, accurate movements, incandescent lighting, bold markings, bright orange pointers, chrome bezels or removable, aluminum bezels. Choose from gauges with white or black dial faces.



MAR3013

| Description | Black Part No. | White Part No. |
|--|----------------|----------------|
| Oil Pressure, 0-100 PSI, 6' Nylon Tubing | MAR3013 | MAR3213 |
| Oil Temperature, 120°-280° F., 6' Capillary Tubing, 1/2" NPT | MAR3015 | MAR3215 |
| Water Temperature, 120°-280° F., 6' Capillary Tubing, 1/2" NPT | MAR3014 | MAR3214 |
| Fuel Pressure, 0-15 PSI, 6' Nylon Tubing | MAR3017 | MAR3217 |



Power Pak Domed Piston Kits

Forged, domed pistons with radiused valve pockets are machined for 1.5mm top, 1.5mm second and 3.0mm oil rings. Sets of eight include wrist pins, locks and performance piston rings.

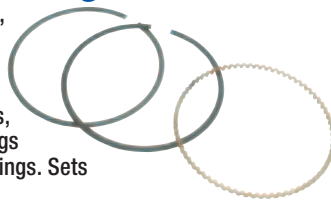


| Part No. | Bore | Stroke | Rod Length | Comp. Height | Dome Volume | Comp. Ratio |
|--------------------------|--------|-------------|------------|--------------|-------------|-------------|
| Small Block Chevy | | | | | | |
| MAHSBC550030D11 | 4.030" | 3.48"/3.50" | 5.700" | 1.550" | 11cc | 13.0:1 |
| MAHSBC250030D11 | 4.030" | 3.48"/3.50" | 6.000" | 1.250" | 11cc | 13.0:1 |
| MAHSBC125030D11 | 4.030" | 3.48"/3.50" | 6.125" | 1.125" | 11cc | 13.0:1 |
| MAHSBC425030D11 | 4.030" | 3.750" | 5.700" | 1.425" | 11cc | 13.8:1 |
| MAHSBC250060D11 | 4.060" | 3.48"/3.50" | 6.000" | 1.250" | 11cc | 13.0:1 |
| MAHSBC125125D04 | 4.125" | 3.750" | 6.000" | 1.125" | 4cc | 13.0:1 |
| MAHSBC125155D04 | 4.155" | 3.750" | 6.000" | 1.125" | 4cc | 13.0:1 |
| MAHSBC125165D11 | 4.165" | 3.750" | 6.000" | 1.125" | 11cc | 14.3:1 |

Notes: In addition to the rod and stroke combinations listed with each part number, other rod/stroke combinations may work. Compression ratios are based on a 64cc combustion chamber.

Performance Piston Ring Sets

Mahle performance piston rings, developed with innovative computer simulation and development tools, include barrel-faced, plasma moly/ductile iron top rings, cast iron reverse twist second rings and conventional three-piece oil rings. Sets listed require file fitting.



| Part No. | Bore | Top Ring | 2nd Ring | Oil Ring | Oil Ring Tension |
|---------------|--------|----------|----------|----------|------------------|
| MAH4030ML-043 | 4.025" | .043" | .043" | 3.0mm | Low |
| MAH4035ML | 4.030" | 1/16" | 1/16" | 3/16" | Low |
| MAH4035MS | 4.030" | 1/16" | 1/16" | 3/16" | Standard |
| MAH4035MS-15 | 4.030" | 1.5mm | 1.5mm | 3.0mm | Standard |
| MAH4035ML-043 | 4.030" | .043" | .043" | 3.0mm | Low |
| MAH4040ML-043 | 4.035" | .043" | .043" | 3.0mm | Low |
| MAH4045ML | 4.040" | 1/16" | 1/16" | 3/16" | Low |
| MAH4045MS-15 | 4.040" | 1.5mm | 1.5mm | 3.0mm | Standard |
| MAH4045ML-043 | 4.040" | .043" | .043" | 3.0mm | Low |
| MAH4055ML-043 | 4.050" | .043" | .043" | 3.0mm | Low |
| MAH4065ML-043 | 4.060" | .043" | .043" | 3.0mm | Low |
| MAH4070ML-043 | 4.065" | .043" | .043" | 3.0mm | Low |
| MAH4130MS-15 | 4.125" | 1.5mm | 1.5mm | 3.0mm | Standard |
| MAH4160MS-15 | 4.155" | 1.5mm | 1.5mm | 3.0mm | Standard |
| MAH4170MS-15 | 4.165" | 1.5mm | 1.5mm | 3.0mm | Standard |

Power Pak Flat Top Piston Kits

Forged, flat top pistons with radiused valve pockets use 1.5mm top, 1.5mm second and 3.0mm oil rings. Sets of eight with wrist pins, locks and performance piston rings.



| Part No. | Bore | Stroke | Rod Length | Comp. Height | Dome Volume | Comp. Ratio |
|--------------------------|--------|-------------|------------|--------------|-------------|-------------|
| Small Block Chevy | | | | | | |
| MAHSBC250000F05 | 4.000" | 3.48"/3.50" | 6.000" | 1.250" | -5cc | 10.6:1 |
| MAHSBC550030F05 | 4.030" | 3.48"/3.50" | 5.700" | 1.550" | -5cc | 10.6:1 |
| MAHSBC550030F4V* | 4.030" | 3.48"/3.50" | 5.700" | 1.550" | -5cc | 10.6:1 |
| MAHSBC250030F05 | 4.030" | 3.48"/3.50" | 6.000" | 1.250" | -5cc | 10.6:1 |
| MAHSBC125030F05 | 4.030" | 3.48"/3.50" | 6.125" | 1.125" | -5cc | 10.6:1 |
| MAHSBC425030F05 | 4.030" | 3.750" | 5.700" | 1.425" | -5cc | 11.1:1 |
| MAHSBC550040F05 | 4.040" | 3.48"/3.50" | 5.700" | 1.550" | -5cc | 10.6:1 |
| MAHSBC250040F05 | 4.040" | 3.48"/3.50" | 6.000" | 1.250" | -5cc | 10.6:1 |
| MAHSBC425040F05 | 4.040" | 3.750" | 5.700" | 1.425" | -5cc | 11.1:1 |
| MAHSBC250060F05 | 4.060" | 3.48"/3.50" | 6.000" | 1.250" | -5cc | 10.6:1 |
| MAHSBC125125F05 | 4.125" | 3.500" | 6.125" | 1.125" | -5cc | 11.0:1 |
| MAHSBC250155F05 | 4.155" | 3.500" | 6.000" | 1.250" | -5cc | 11.0:1 |
| MAHSBC125155F05 | 4.155" | 3.500" | 6.125" | 1.125" | -5cc | 11.0:1 |

| Part No. | Bore | Stroke | Rod Length | Comp. Height | Dome Volume | Comp. Ratio |
|-------------------------|--------|--------|------------|--------------|-------------|-------------|
| Small Block Ford | | | | | | |
| MAHSBF600030F06 | 4.030" | 3.000" | 5.090" | 1.600" | -6.6cc | 9.0:1 |
| MAHSBF090030F06 | 4.030" | 3.400" | 5.400" | 1.090" | -6.6cc | 10.0:1 |
| MAHSBF090040F06 | 4.040" | 3.400" | 5.400" | 1.090" | -6.6cc | 10.0:1 |

Notes: * signifies pistons with 4-valve pocket design. In addition to the rod and stroke combinations listed with each part number, other rod/stroke combinations may work. Small block chevy and small block ford compression ratios are based on a 64cc combustion chamber.

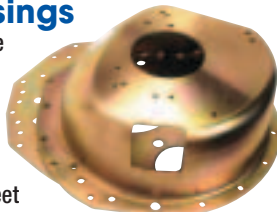


JR Hotovy



Standard SFI Bellhousings

Standard SFI bellhousings feature the closest tolerances in the industry for a trouble-free fit. Designed with the sportsman racer in mind, bellhousings fit a wide range of engine and transmission combinations. Housings include motor plate and bolt kit and meet stringent SFI 6.1 specifications.



| Part No. | Description |
|--------------|--|
| MCL8630..... | 1955-81 Chevy V-8 (Except Chevy II/Nova), Accepts Saginaw/Muncie/T-10 Transmission |
| MCL8650..... | 1962-92 Chevy V-8 (Except Chevy II/Nova), 1967-80 Buick V-8, 1964-92 Olds/Pontiac V-8, Accepts Saginaw, Muncie/T-10/T-50/T-5(17°)/Tremec TCET2057 Transmission |

Ball Studs

| Part No. | Description |
|---------------|---|
| MCL16908..... | Adjustable Ball Stud Assy., 1955-83 GM, Stock/Steel Bellhousing, Enlarged Head, 1/2"-13 Threads |
| MCL16909..... | Adjustable Ball Stud Assy., Mustang With Cable Linkage |



GM Adjustable Throwout Bearing MCL16505

GM throwout bearing is adjustable to three different lengths; short (1.580"), medium (1.755"), and long (1.930"). Bearing has a 1.375" collar I.D. and 2.750" face.





Unilite Distributors

Mallory's Unilite Distributors are the result of over 30 years of engineering, development and race testing. Series 37 has set the industry standard for many years. Triggered by infrared L.E.D. system using Mallory's time tested breakerless ignition circuit. Unilites can drive stock and performance coils. Series 47 Distributor was the first electronic ignition system in the industry to offer adjustable vacuum advance.

| Application | 37 Series Electronic | 47 Series Vac. Advance |
|---|----------------------|------------------------|
| Chevy | | |
| 1955-96, 262-454, 502 Except 348, 409 And Tall Block | MAL3748201 | MAL4748201 |
| Ford | | |
| 1981-95, 351W/5.8L | MAL3768701 | - |
| 1969-80, 351W | MAL3755401 | MAL4755401 |
| 1981-95, 302 | MAL3770401 | MAL4770401 |
| 1962-80, 221-302 | MAL3755101 | MAL4755101 |



Hyfire 6-A Digital CD Ignition

MAL6852M

Capacitive discharge ignition delivers quicker acceleration and improved throttle response with a lower power draw. Lightweight, easy to install ignition is compatible with points, electronic, or magnetic crank trigger ignitions.



Hyfire 6-AL Digital CD Ignition

MAL6853M

Multi-spark ignition uses micro-processor controlled circuitry for increased performance. Low power draw capacitive ignition features a built-in adjustable digital rev limiter (4,500 to 12,000 without plug-in modules).



Unilite Replacement Components

| Part No. | Description |
|---------------|---|
| MAL209M..... | Distributor Cap, V-8 Socket |
| MAL322..... | Rotor/Shutter, All 47 Series V-8 Distributors |
| MAL335..... | Rotor/Shutter, All 37, 38 Series V-8 Distributors |
| MAL605..... | Unilite Module, All 37, 38, 47 Series V-8 Distributors |
| MAL700..... | Ballast Resistor |
| MAL2092M..... | Distributor Cap, Socket And Rotor/Shutter Kit, All Unilite Distributors |
| MAL29349..... | Wiring Harness, All |



CT Distributors

Use with the CT Pro Ignition. New billet distributors have dual magnetic pickup assemblies and locked-out mechanical advances for superior timing stability. Ball bearings assure maximum shaft stability. Chevrolet distributor has an adjustable collar for precise alignment in non-raised deck blocks. Offered in standard or large diameter, COMP 9000 distributor cap configurations.

| Part No. | Description |
|-----------------|---------------------------------------|
| MAL6648204..... | Chevrolet COMP 9000 CT Distributor |
| MAL6648214..... | Chevrolet Standard Cap CT Distributor |
| MAL6655404..... | Ford 351W COMP 9000 CT Distributor |

CT Pro Professional Circle Track Ignition

Proven in over 275,000 miles of ARCA competition without a single failure. The CT Pro combines unsurpassed performance, durability and fully adjustable digital rev limiting with two rotary switches. Adjustable in 100 RPM increments, to 9,900 RPM. Unit is fully encapsulated offers exclusive enhanced heat and vibration technology. Ignition uses a 6-pin weatherproof connector and is compatible with 4, 6 and 8-cylinder engines. Requires CT Pro Coil (#MAL30460).



| Part No. | Description |
|---------------|-----------------|
| MAL6864M..... | CT Pro Ignition |
| MAL30460..... | CT Pro Coil |

Universal Wiring Kits

Weatherproof wiring harnesses simplify ignition installation.

| Part No. | Description |
|---------------|---|
| MAL29605..... | 6-Pin Weatherproof Harness, 10' Long, 18 Gauge |
| MAL29606..... | 2-Pin Weatherproof Power Harness, 4' Long, 14 Gauge |



HEI Distributors

Completely new, race-prepped distributor features a cast aluminum, CNC-machined housing, high performance mechanical advance, adjustable vacuum advance and red cap and rotor with brass inserts. Available for Chevrolet and small block Ford V-8.

| Part No. | Description |
|-----------------|---|
| MAL8548201C .. | Chevrolet HEI Distributor And Coil |
| MAL8548201..... | Chevrolet HEI Distributor Only |
| MAL8555101C .. | Small Block Ford 1962-95 260-302 HEI Distributor And Coil |



Promaster Coil MAL29440

Promaster Coil has an effective range of 8000 RPM when used with Mallory Hyfire Electronic Ignition controls and will deliver up to 6500 RPM with Mallory's Unilite® Ignition or Magnetic Breakerless Ignitions and the Electronic Advance Computer. Also an excellent choice for breaker points and original equipment breakerless electronic systems.



Ballast Resistor MAL700

Heavy duty porcelain resistor is often required when installing an aftermarket ignition coil. Rated at 200 watts and .75-1.5 ohms.





Budget Replacement Valves

Better-than-stock valves fit the hobby racer's budget. Original equipment-type under head design and finishes. Valves are sold in sets of eight.*

| Part No. | Type | Size | Stem | Installed Height |
|--------------------------------------|---------|--------|--------|------------------|
| Small Block Chevrolet 262-400 | | | | |
| MAN10077-8 | Exhaust | 1.500" | .3415" | Stock |
| MAN10649-8 | Exhaust | 1.600" | .3415" | Stock |
| MAN10476-8 | Intake | 1.940" | .3415" | Stock |
| MAN10650-8 | Intake | 2.020" | .3415" | Stock |

Budget Performance Valves

Fully machined, swirl polished valves include chrome stems and hard tips. A top-of-the-line valve for the value conscious engine builder. Stock and +.100" lengths available. Sold in sets of eight.*

| Part No. | Type | Size | Stem | Installed Height |
|--------------------------------------|---------|--------|--------|------------------|
| Small Block Chevrolet 262-400 | | | | |
| MAN10577-8 | Exhaust | 1.500" | .3415" | Stock |
| MAN10549-8 | Exhaust | 1.600" | .3415" | Stock |
| MAN10551-8 | Exhaust | 1.600" | .3415" | .100" Longer |
| MAN10576-8 | Intake | 1.940" | .3415" | Stock |
| MAN10550-8 | Intake | 2.020" | .3415" | Stock |
| MAN10552-8 | Intake | 2.020" | .3415" | .100" Longer |
| MAN10554-8 | Intake | 2.055" | .3415" | Stock |
| MAN10556-8 | Intake | 2.055" | .3415" | .100" Longer |

Street Master Valves

Straight stemmed XH-424 stainless exhaust valves and NK-841 stainless intake valves have chrome stems, hard tips, swirl-polished under head areas, and fully machined combustion faces. Street Master valves are an excellent choice for mild performance engines. Sold in sets of eight.*

| Part No. | Type | Size | Stem | Installed Height |
|--------------------------------------|---------|--------|--------|------------------|
| Small Block Chevrolet 262-400 | | | | |
| MAN10777-8 | Exhaust | 1.500" | .3415" | Stock |
| MAN10749-8 | Exhaust | 1.600" | .3415" | Stock |
| MAN10776-8 | Intake | 1.940" | .3415" | Stock |
| MAN10750-8 | Intake | 2.020" | .3415" | Stock |

Street Flo Valves

Made with the same quality materials as the Street Master, but with "Pro-Flo" under head design. Sold in sets of eight.*

| Part No. | Type | Size | Stem | Installed Height |
|--------------------------------------|---------|--------|--------|------------------|
| Small Block Chevrolet 262-400 | | | | |
| MAN10721-8 | Exhaust | 1.500" | .3415" | Stock |
| MAN10765-8 | Exhaust | 1.600" | .3415" | Stock |
| MAN10766-8 | Intake | 2.020" | .3415" | Stock |
| Small Block Ford 289-351W | | | | |
| MAN10775-8 | Exhaust | 1.550" | .3415" | Stock |
| MAN10778-8 | Intake | 1.850" | .3420" | Stock |



* To purchase individually substitute -1 for the -8 suffix in part number.

Race Flo Valves

Race Flo valves have been necked down in the port area to enhance flow. Exhaust valves are XH-426 stainless steel while intake valves are NK-842 stainless steel. Valve stems are fully chromed with hardened tips. Valves are swirl polished, fully machined. Sold in sets of eight.*

| Part No. | Type | Size | Stem | Installed Height |
|--------------------------------------|---------|--------|--------|------------------|
| Small Block Chevrolet 262-400 | | | | |
| MAN11521-8 | Exhaust | 1.500" | .3415" | Stock |
| MAN11501-8 | Exhaust | 1.560" | .3415" | Stock |
| MAN11565-8 | Exhaust | 1.600" | .3415" | Stock |
| MAN11545-8 | Exhaust | 1.600" | .3415" | .100" Longer |
| MAN11522-8 | Intake | 1.940" | .3415" | Stock |
| MAN11500-8 | Intake | 2.000" | .3415" | Stock |
| MAN11566-8 | Intake | 2.020" | .3415" | Stock |
| MAN11568-8 | Intake | 2.055" | .3415" | Stock |
| MAN11546-8 | Intake | 2.055" | .3415" | .100" Longer |
| MAN11560-8 | Intake | 2.080" | .3415" | .100" Longer |
| Small Block Ford 289-351W | | | | |
| MAN11523-8 | Exhaust | 1.465" | .3415" | Stock |
| MAN11575-8 | Exhaust | 1.550" | .3415" | Stock |
| MAN11531-8† | Exhaust | 1.600" | .3415" | Stock |
| MAN11889-8 | Exhaust | 1.600" | .3415" | Stock |
| MAN11578-8 | Intake | 1.850" | .3420" | Stock |
| MAN11566-8† | Intake | 2.020" | .3415" | Stock |

† Ford valves with .250" tips must use non-rail type stock rockers or roller rockers.

Race Master Valves

Manley's Race Master valves have straight, fully chromed stems and hardened tips. Valves are thoroughly machined and swirl polished. Intake valves are made of NK-842 stainless steel and exhaust valves are XH-426 stainless steel. Sold in sets of eight (unless noted).*

| Part No. | Type | Size | Stem | Installed Height |
|--------------------------------------|---------|--------|--------|------------------|
| Small Block Chevrolet 262-400 | | | | |
| MAN11861-8 | Exhaust | 1.500" | .3415" | Stock |
| MAN11863-8 | Exhaust | 1.600" | .3415" | Stock |
| MAN11877-8 | Exhaust | 1.600" | .3415" | .100" Longer |
| MAN11860-8 | Intake | 1.940" | .3415" | Stock |
| MAN11864-8 | Intake | 2.020" | .3415" | Stock |
| MAN11318-8 | Intake | 2.020" | .3415" | .100" Longer |
| MAN11806-8 | Intake | 2.055" | .3415" | Stock |
| MAN11810-8 | Intake | 2.055" | .3415" | .100" Longer |
| MAN11808-8 | Intake | 2.080" | .3415" | Stock |
| MAN11812-8 | Intake | 2.080" | .3415" | .100" Longer |
| Ford 2300cc 4-Cyl | | | | |
| MAN11793-4† | Exhaust | 1.590" | .3415" | Stock |
| MAN11792-4† | Intake | 1.890" | .3415" | Stock |

† Finished valves for "Esslinger" flat tappet applications.

Severe Duty "Pro-Flo" Valves

Severe Duty "Pro-Flo" valves have many features of the Race-Flo line, but are made of severe duty material. Exhaust valves are made from XH-428 stainless steel and intake valves are made from NK-844 stainless steel. Valve stems are fully chromed with hardened tips. "Pro-Flo" design offers an increase in flow up to 40% over other popular designs. Valves are swirl polished and fully machined. Sold in sets of eight.*

| Part No. | Type | Size | Stem | Installed Height |
|--------------------------------------|---------|--------|--------|------------------|
| Small Block Chevrolet 262-400 | | | | |
| MAN11823-8 | Exhaust | 1.600" | .3415" | .100" Longer |
| MAN11824-8 | Intake | 2.055" | .3415" | .100" Longer |





Severe Duty Valves

Severe duty exhaust valves are made of XH-428 stainless steel which has double the tensile strength of imported valves at 1500°F. Intake valves, constructed of NK-844 stainless steel, have over 1000 times more fatigue strength than imported valves. Sold in sets of 8.

| Part No. | Type | Size | Stem | Installed Height |
|--------------------------------------|---------|--------|--------|------------------|
| Small Block Chevrolet 262-400 | | | | |
| MAN11567-8* | Exhaust | 1.500" | .3415" | Stock |
| MAN11543-8* | Exhaust | 1.600" | .3415" | Stock |
| MAN11595-8† | Exhaust | 1.600" | .3415" | Stock |
| MAN11539-8‡ | Exhaust | 1.600" | .3415" | .100" Longer |
| MAN11869-8 | Exhaust | 1.600" | .3415" | .100" Longer |
| MAN11749-8§ | Exhaust | 1.600" | .3415" | .100" Longer |
| MAN11865-8§ | Exhaust | 1.600" | .3415" | .200" Longer |
| MAN11751-8§ | Exhaust | 1.600" | .3415" | .200" Longer |
| MAN11755-8§ | Exhaust | 1.600" | .3415" | .400" Longer |
| MAN11513-8§ | Exhaust | 1.600" | .3415" | .500" Longer |
| MAN11763-8§ | Exhaust | 1.625" | .3415" | .600" Longer |
| MAN11592-8 | Intake | 1.937" | .3415" | Stock |
| MAN11886-8 | Intake | 1.940" | .3415" | .100" Longer |
| MAN11826-8 | Intake | 2.020" | .3415" | .100" Longer |
| MAN11846-8 | Intake | 2.055" | .3415" | .100" Longer |
| MAN11818-8 | Intake | 2.080" | .3415" | Stock |
| MAN11844-8 | Intake | 2.080" | .3415" | .100" Longer |
| MAN11858-8 | Intake | 2.080" | .3415" | .200" Longer |

* 7° dish face and 4.911" length

Valve has 10° underhead angle.

† Flat face and 4.936" length

§ Valve has 15° underhead angle.



NexTek Series Oval Track Valve Springs

Put an end to spring degradation. NexTek springs are specially processed from chrome silicon that undergoes winding, thermal treating and finishing processes prior to shipment. Spring I.D.'s are fully chamfered for retainer clearance. Sold in sets of 16.

| Part No. | Application | O.D./I.D. | Max. Valve Lift | Seat Pressure | Open Pressure | Coil Bind |
|---------------|-------------------------|--------------|-----------------|---------------|---------------|-----------|
| MAN221432-16 | Late Model, Flat Tappet | 1.530"/.750" | .630" | 162@1.900" | 425@1.300" | 1.200" |
| MAN221440P-16 | Oval Track, Roller | 1.570"/.760" | .700" | 255@2.000" | 629@1.300" | 1.190" |
| MAN221441P-16 | Oval Track, Roller | 1.570"/.750" | .730" | 280@2.030" | 700@1.300" | 1.215" |
| MAN221442-16 | Oval Track, Roller | 1.560"/.812" | .750" | 260@2.000" | 660@1.250" | 1.200" |
| MAN221443-16 | BGN, WoO, LM | 1.580"/.832" | .730" | 235@1.950" | 610@1.250" | 1.170" |
| MAN221444-16 | BGN, WoO, LM | 1.610"/.842" | .750" | 235@2.050" | 645@1.300" | 1.220" |

Chrome Moly Pushrods

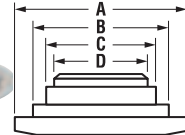
Heat treated, 4130 chrome moly pushrods have swaged ends and are black oxide finished for corrosion protection. Available in 5/16" (.080" wall), 3/8" (.080" and .120" wall) and 7/16" (.125" wall) diameters. The 5/16" pushrods are available individually and in sets of 16; 3/8" pushrods are available individually and in sets of 8; and 7/16" pushrods are sold individually. For singles, replace the -16 or -8 with a -1.

| Length | 5/16" Dia., .080" Wall | 3/8" Dia., .080" Wall | 3/8" Dia., .120" Wall | Length | 5/16" Dia., .080" Wall | 3/8" Dia., .080" Wall | 3/8" Dia., .120" Wall | 7/16" Dia., .125" Wall | Length | 5/16" Dia., .080" Wall | 3/8" Dia., .080" Wall | 3/8" Dia., .120" Wall | 7/16" Dia., .125" Wall |
|----------|------------------------|-----------------------|-----------------------|----------|------------------------|-----------------------|-----------------------|------------------------|----------|------------------------|-----------------------|-----------------------|------------------------|
| Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. | Part No. |
| 7.000" | MAN25700-16 | - | MAN25319-1 | 7.800" | MAN25709-16 | MAN25787-8 | - | - | 8.380" | - | MAN25769-8 | - | - |
| 7.050" | MAN25727-16 | - | - | 7.850" | MAN25711-16 | MAN25878-8 | - | - | 8.400" | MAN25706-16 | MAN25840-8 | MAN25347-1 | MAN25145-1 |
| 7.100" | MAN25729-16 | - | - | 7.900" | MAN25712-16 | MAN25788-8 | - | - | 8.425" | MAN25764-16 | - | - | - |
| 7.150" | MAN25741-16 | - | - | 7.950" | MAN25715-16 | MAN25814-8 | - | - | 8.450" | MAN25708-16 | MAN25845-8 | MAN25348-1 | MAN25146-1 |
| 7.200" | MAN25733-16 | - | - | 8.000" | MAN25716-16 | MAN25816-8 | MAN25339-1 | - | 8.500" | MAN25774-16 | MAN25850-8 | MAN25349-1 | MAN25147-1 |
| 7.250" | MAN25734-16 | - | - | 8.050" | MAN25721-16 | MAN25821-8 | MAN25340-1 | - | 8.550" | MAN25710-16 | MAN25855-8 | MAN25350-1 | MAN25148-1 |
| 7.300" | MAN25730-16 | - | - | 8.100" | MAN25722-16 | MAN25810-8 | MAN25341-1 | - | 8.600" | MAN25718-16 | MAN25860-8 | MAN25351-1 | MAN25149-1 |
| 7.350" | MAN25751-16 | - | - | 8.150" | MAN25744-16 | MAN25815-8 | MAN25342-1 | - | 8.650" | MAN25724-16 | MAN25865-8 | MAN25352-1 | MAN25150-1 |
| 7.400" | MAN25735-16 | MAN25822-8 | - | 8.200" | MAN25745-16 | MAN25820-8 | MAN25343-1 | MAN25140-1 | 8.680" | - | MAN25797-8 | - | MAN25151-1 |
| 7.450" | MAN25736-16 | MAN25836-8 | - | 8.250" | MAN25701-16 | MAN25825-8 | MAN25344-1 | MAN25141-1 | 8.700" | MAN25799-16 | MAN25870-8 | MAN25353-1 | MAN25152-1 |
| 7.500" | MAN25754-16 | MAN25854-8 | - | 8.275" | MAN25753-16 | - | - | - | 8.750" | MAN25738-16 | MAN25875-8 | MAN25354-1 | MAN25153-1 |
| 7.550" | MAN25755-16 | MAN25818-8 | - | 8.280" | - | MAN25795-8 | - | MAN25142-1 | 8.800" | MAN25742-16 | MAN25880-8 | MAN25355-1 | MAN25154-1 |
| 7.600" | MAN25767-16 | MAN25876-8 | - | 8.300" | MAN25702-16 | MAN25830-8 | MAN25345-1 | MAN25143-1 | 8.850" | MAN25746-16 | MAN25885-8 | MAN25356-1 | MAN25155-1 |
| 7.650" | MAN25768-16 | - | - | 8.325" | - | MAN25826-8 | - | - | 8.900" | MAN25758-16 | MAN25890-8 | MAN25357-1 | MAN25156-1 |
| 7.700" | MAN25772-16 | MAN25828-8 | - | 8.350" | MAN25703-16 | MAN25835-8 | MAN25346-1 | MAN25144-1 | 8.950" | MAN25757-16 | MAN25895-8 | MAN25358-1 | MAN25157-1 |
| 7.750" | MAN25707-16 | MAN25832-8 | - | 8.375" | MAN25763-16 | - | - | - | 9.000" | - | MAN25900-8 | MAN25359-1 | MAN25158-1 |
| 7.794" | MAN25785-16† | - | - | | | | | | | | | | |

† 1010 material

10° Titanium Retainers

Manley's 6AL 4V titanium 10° retainers have the durability needed for racing engines. Sold in sets of 16.



| Part No. | Spring Type | Height | Spring O.D. | Dimensions | | | |
|-------------|-------------|--------|---------------|------------|--------|-------|---|
| | | | | A | B | C | D |
| MAN23640-16 | Double | +.100" | 1.625" | 1.500" | 1.175" | .850" | - |
| MAN23644-16 | Double | Std. | 1.550" | 1.500" | 1.140" | .740" | - |
| MAN23648-16 | Double | +.100" | 1.580"/1.610" | 1.500" | 1.150" | .825" | - |
| MAN23650-16 | Double | +.100" | 1.550" | 1.500" | 1.140" | .740" | - |
| MAN23654-16 | Double | Std. | 1.625" | 1.500" | 1.175" | .765" | - |
| MAN23655-16 | Double | +.100" | 1.625" | 1.500" | 1.175" | .765" | - |
| MAN23658-16 | Double | Std. | 1.550" | 1.500" | 1.105" | .710" | - |
| MAN23661-16 | Double | +.100" | 1.550" | 1.500" | 1.120" | .705" | - |

Valve Locks

Heat treated, black oxide coated steel Locks are available in extra thick, Super 7° or traditional 10° for conventional or bead lock valves. Sets of 8 (16 pieces) or 16 (32 pieces).



| Part No. | Description | Installed Height | Lock Style |
|-----------------|--------------------|------------------|--------------|
| Super 7° | | | |
| MAN13080-16 | 5/16" Valve Locks | Standard | Conventional |
| MAN13081-16 | 11/32" Valve Locks | .050" Less | Conventional |
| MAN13083-16 | 11/32" Valve Locks | Standard | Conventional |
| MAN13084-16 | 11/32" Valve Locks | .050" More | Conventional |
| 10° | | | |
| MAN13151-8 | 5/16" Valve Locks | Standard | Bead Loc |
| MAN13152-8 | 5/16" Valve Locks | .050" More | Bead Loc |
| MAN13161-8 | 11/32" Valve Locks | Standard | Bead Loc |
| MAN13162-8 | 11/32" Valve Locks | .050" More | Bead Loc |
| MAN13194-16 | 11/32" Valve Locks | Standard | Conventional |
| MAN13198-16 | 11/32" Valve Locks | .050" More | Conventional |

Pushrods By Applications

We've listed common applications of 5/16" and 3/8" diameter chrome moly pushrods. All pushrods are 4130 steel, heat treated and black oxide finished for corrosion protection. Sets of 8 or 16.

| Part No. | Application | Length | Dia. |
|-------------|-----------------------------------|--------|-------|
| MAN25709-16 | SB Chevrolet 262-400 Stock Length | 7.800" | 5/16" |
| MAN25787-8 | SB Chevrolet 262-400 Stock Length | 7.800" | 3/8" |
| MAN25711-16 | SB Chevrolet 262-400 +.050" | 7.850" | 5/16" |
| MAN25712-16 | SB Chevrolet 262-400 +.100" | 7.900" | 5/16" |
| MAN25788-8 | SB Chevrolet 262-400 +.100" | 7.900" | 3/8" |
| MAN25706-16 | SB Ford 351C Stock Length | 8.400" | 5/16" |
| MAN25744-16 | SB Ford 351W | 8.150" | 5/16" |



SB Chevy Steel Guide Plates

Stamped for accuracy and heat treated to reduce wear. Designed for use with 5/16" dia. pushrods. Choose from flat or raised versions. Set of eight.



| Part No. | Description |
|-----------------|------------------------------|
| MAN42151-8..... | Raised Steel, On-Center Stud |
| MAN42355-8..... | Flat Steel, On-Center Stud |

Note: Heat treated pushrods must be used with guide plates.

Valve Stem Seals

Viton valve seals are profiled to clear small I.D. inners in triple valve springs. Sets of eight.



| Part No. | Description | Guide O.D. | Seal O.D. |
|------------|--------------------|------------|-----------|
| MAN24043-8 | 11/32" Valve Seals | .500" | .620" |
| MAN24045-8 | 11/32" Valve Seals | .530" | .674" |

Wear Caps

Reduce valve tip wear with 4140 alloy steel, heat treated wear caps. Available in standard (16 per set), and non-rotating (8 per set).



| Part No. | Description |
|------------------|--|
| MAN42104-16..... | 11/32" Wear Caps, Standard, 16 pcs. |
| MAN42301-8..... | 11/32" Wear Caps, Non-Rotating, 8 pcs. |

Pushrod Length Checkers

A must for all racers and engine builders. In just seconds, this tool can determine the exact length pushrod needed for a particular application. Complete with instructions.



| Part No. | Description |
|---------------|---------------------------|
| MAN42132..... | SB Chevy With 7/16" Studs |
| MAN42137..... | SB Chevy With 3/8" Studs |

SB Chevrolet Race Roller Timing Kits

Premium quality timing kits have cast camshaft sprockets, fully machined crankshaft sprockets with three keyways, and NASCAR Cup style roller chains with .250" diameter rollers.



| Part No. | Description |
|---------------|---|
| MAN73141..... | 1955-78 SB Chevy Timing Kit, Includes Roller Thrust Button, Torrington Bearing And Cam Lock Plate |
| MAN73181..... | SB Chevy Timing Kit, Includes Torrington Bearing |
| MAN76161..... | SB Chevy Replacement Roller Chain |

Roller Thrust Button

Placed between the camshaft nose and timing chain cover to prevent the camshaft from "walking" forward in the block.



| Part No. | Description |
|---------------|--|
| MAN42111..... | SBC With Early (Up To 1978) Timing Covers; all BBC |
| MAN42113..... | SBC with Late (1979-Up) Timing Cover |

Chevy Cam Lock Plate

MAN42114

Plate secures the camshaft bolts firmly in place. Fits small and big block Chevs.



SB Chevy Superior Head Bolts



High quality, 180,000 PSI fasteners are longer than stock and have an under-head radius, to prevent premature stretch and failure. Longer than stock bolts are for use with MAN42102 head bolt washers. The 1/2" hex head allows greater wrenchability.

| Part No. | Description |
|---------------|---|
| MAN42171..... | SB Chevy Superior Head Bolts, 17 (Services 1 Cyl. Head) |
| MAN42102..... | SB Chevy Head Bolt Washers, Set of 34 (Services 2 Cyl. Heads) |

SB Chevy Sportmaster® Connecting Rods

Rods are CNC-machined from quality 4340 forgings. Held to exacting tolerances for bore size, taper and bend/twist, each rod is profiled around the entire beam to remove stress risers, resulting in a very light finished piece. After machining, the entire rod, including the bolt pad, is shot-peened for durability. ARP8740 3/8" dia. cap screws (190,000 PSI) are used exclusively, as are premium Ampco 18 bushings in the pin end. Shipped in weight matched (± 1.5 grams) sets of 8 only. Perfect for Pro Stock, Late Model and Sportsman racers with engines up to 550 horsepower @ 8,000 RPM. Listed rods have a big end width of .940" and a pin end width of .980". Sold in sets of eight.



| Part No. | Description | Center-To-Center | Big End Bore | Pin Bore | Gram Weight |
|------------|-----------------------------|------------------|--------------|----------|-------------|
| MAN14101-8 | Stock Length, Large Journal | 5.700" | 2.225" | .9281" | 555 |
| MAN14103-8 | .300" Longer, Large Journal | 6.000" | 2.225" | .9281" | 578 |
| MAN14105-8 | Stock Length, Small Journal | 5.700" | 2.125" | .9281" | 571 |

Extreme Pressure Lube #3

MAN40177

Primarily used as a fastener lubricant, product is preferred by many top engine builders. 4 oz. tube.



Miracle And Magic Seal Epoxies

Two-part epoxies bond to a wide variety of materials including iron and aluminum for repair of broken parts.

| Part No. | Description |
|---------------|---|
| MAN40180..... | Miracle Seal Epoxy, High Temperature, Exhaust Ports, Etc. |
| MAN40187..... | Magic Seal Epoxy, Low Temperature, Intake Ports, Intake Manifolds, Etc. |





The Original Gloves

Machine washable stretch knit gloves have padded Spandex tops, elastic cuffs, hook-and-loop closures, seamless, multi-panel fingertips and hidden seams to improve sensitivity and durability.



| Size | Black Part No. | Red Part No. | Blue Part No. |
|------|----------------|--------------|---------------|
| SM | AXOMG-05-008 | AXOMG-02-008 | AXOMG-03-008 |
| MED | AXOMG-05-009 | AXOMG-02-009 | AXOMG-03-009 |
| LG | AXOMG-05-010 | AXOMG-02-010 | AXOMG-03-010 |
| XL | AXOMG-05-011 | AXOMG-02-011 | AXOMG-03-011 |
| XXL | AXOMG-05-012 | AXOMG-02-012 | AXOMG-03-012 |

| Size | Yellow Part No. | Orange Part No. |
|------|-----------------|-----------------|
| SM | AXOMG-01-008 | AXOMG-09-008 |
| MED | AXOMG-01-009 | AXOMG-09-009 |
| LG | AXOMG-01-010 | AXOMG-09-010 |
| XL | AXOMG-01-011 | AXOMG-09-011 |
| XXL | AXOMG-01-012 | AXOMG-09-012 |

| Size | Stealth Part No. | Camo Part No. |
|------|------------------|---------------|
| SM | AXOMG-55-008 | — |
| MED | AXOMG-55-009 | AXOMG-71-009 |
| LG | AXOMG-55-010 | AXOMG-71-010 |
| XL | AXOMG-55-011 | AXOMG-71-011 |
| XXL | AXOMG-55-012 | AXOMG-71-012 |

The Original 0.5 Gloves

Similar to The Original Glove, but with a thinner, 0.5mm dimpled Clarino Septon for improved feel and dexterity. Offered in black only.

| Part No. | Size |
|---------------|---------------|
| AXOHMG-05-009 | Medium |
| AXOHMG-05-010 | Large |
| AXOHMG-05-011 | X-Large |



FastFit Gloves



All-purpose gloves have angled elastic cuffs for quick, easy entry. Lyra insert panels between fingers and Clarino MWX-2 synthetic leather palm provide protection, comfort and exceptional grip.

| Size | Yellow Part No. | Red Part No. | Blue Part No. | Black Part No. |
|------|-----------------|---------------|---------------|----------------|
| SM | AXOSFF-91-008 | AXOMFF-02-008 | AXOMFF-03-008 | AXOMFF-05-008 |
| MED | AXOSFF-91-009 | AXOMFF-02-009 | AXOMFF-03-009 | AXOMFF-05-009 |
| LG | AXOSFF-91-010 | AXOMFF-02-010 | AXOMFF-03-010 | AXOMFF-05-010 |
| XL | AXOSFF-91-011 | AXOMFF-02-011 | AXOMFF-03-011 | AXOMFF-05-011 |
| XXL | AXOSFF-91-012 | AXOMFF-02-012 | — | AXOMFF-05-012 |

M-Pact Gloves

For tire changing and jacking, the Mechanix Wear M-Pact Gloves have double-layers with padded palms, reinforced thumb and index finger panels and Neoprene-padded knuckle panels. Machine washable.



| Size | Black Part No. | Red Part No. | Blue Part No. | Yellow Part No. |
|------|----------------|--------------|---------------|-----------------|
| SM | AXOMMP05-008 | — | AXOMMP03-008 | — |
| MED | AXOMMP05-009 | AXOMMP02-009 | AXOMMP03-009 | AXOMMP01-009 |
| LG | AXOMMP05-010 | AXOMMP02-010 | AXOMMP03-010 | AXOMMP01-010 |
| XL | AXOMMP05-011 | AXOMMP02-011 | AXOMMP03-011 | AXOMMP01-011 |
| XXL | AXOMMP05-012 | AXOMMP02-012 | AXOMMP03-012 | AXOMMP01-012 |

M-Pact 2 Gloves

The tough M-Pact 2 glove is improved with super tacky Clarino Zeus™ thumbs and fingertips. Double-layer Clarino palms with EVA padding dampen heavy impact and vibrations and padded Kevlar palm heels protect from abrasions. Variety of colors and sizes.



| Size | Black Part No. | Red Part No. | Blue Part No. |
|------|----------------|---------------|---------------|
| SM | AXOMP2-05-008 | — | — |
| MED | AXOMP2-05-009 | AXOMP2-02-009 | AXOMP2-03-009 |
| LG | AXOMP2-05-010 | AXOMP2-02-010 | AXOMP2-03-010 |
| XL | AXOMP2-05-011 | AXOMP2-02-011 | AXOMP2-03-011 |
| XXL | AXOMP2-05-012 | AXOMP2-02-012 | AXOMP2-03-012 |

Fabricator Gloves

Oversize, 100% leather gloves have cowhide panels on the heel, inside and outside edges of the palm and are ideal for metal fabrication, body work and welding.

| Part No. | Size |
|---------------|----------------|
| AXOMFG-05-009 | Medium |
| AXOMFG-05-010 | Large |
| AXOMFG-05-011 | X Large |
| AXOMFG-05-012 | XX Large |



Kevlar Heat Sleeves

AXOMHS-05-500

Extra long, snug sleeves are made of 100% woven Kevlar to protect arms from heat and hot lubricants. Use with gloves. Sold in pairs.



Apron AXOMG-05-600

The Mechanix Apron offers greater convenience and protection. One size fits all.



Radio Belt AXOMG-05-801

High-strength nylon webbing with quick release adjustable buckles will secure most styles of radios.





Select Performance Oil Pumps

Select Performance pumps have hardened steel gears and cast, manganese phosphate coated housings. Some race versions have machined grooves to reduce cavitation at high RPM (grooves slightly reduce pressure at idle). Small block Chevy pumps include intermediate shaft.



| Part No. | Volume Increase | Inlet Dia. | Shaft Support | Pick-up Screen | Anti-Cavitation Grooves (Race Only) |
|----------------------------------|-----------------|------------|---------------|----------------|-------------------------------------|
| Small Block Chevy 265-400 | | | | | |
| MEL10550 | 25% | 5/8" | None | Press-In | None |
| MEL10551 | 25% | 3/4" | None | Press-In | None |
| MEL10552 | 10% | 3/4" | Yes | Bolt-On | None |
| MEL10552C | 10% | 3/4" | Yes | Bolt-On | Yes |
| MEL10553 | 0% | 5/8" | None | Press-In | No |
| MEL10554 | 0% | 3/4" | None | Press-In | No |
| MEL10555 | 25% | 3/4" | Yes | Bolt-On | None |
| MEL10555C | 25% | 3/4" | Yes | Bolt-On | Yes |
| Small Block Ford 289-302 | | | | | |
| MEL10687 | 0% | Stock | Extended | Bolt-On | No |
| MEL10688 | 25% | Stock | Extended | Bolt-On | No |
| Small Block Ford 351W | | | | | |
| MEL10832 | 0% | Stock | Extended | Bolt-On | No |
| MEL10833 | 25% | Stock | Extended | Bolt-On | No |

SB Chevy Aluminum Billet High Volume Oil Pump MEL10050-700CT

Exceptionally strong high volume pump for small block Chevy with 7" deep pans has hard coated case and gears, chrome moly drive and intermediate shafts and stainless steel mesh pickup screen that is offset for circle track use. With multiple pressure settings and a supercharged inlet, high RPM performance is improved. +10# and -10# relief springs and studs are included.



Stock Replacement Oil Pumps

Every Melling oil pump is 100% pressure tested. Idle and bypass pressure are checked to guarantee workmanship before every oil pump leaves the factory.



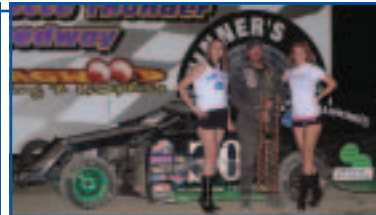
| Application | Standard Volume | High Pressure | High Volume |
|-----------------|-----------------|---------------|-------------|
| SB Chevy | MELM55 | MELM55A | MELM55HV |
| SB Ford 351W | MELM83 | - | MELM83HV |
| SB Ford 289-302 | MELM68 | MELM68A | MELM68HV |

Small Block Chevy Intermediate Shaft MELIS55E

Stress proof steel shaft offers maximum strength and durability and includes a steel guide.



Tommy Manning



Photos By: JR Hughes

Titanium Bolts

Reduce weight without sacrificing strength. Manufactured from aircraft grade titanium, lightweight fasteners exceed minimum ultimate tensile strength of 120,000 PSI. A wide variety of sizes. Sold individually.

| Length | 1/4"-20 | 1/4"-28 | 5/16"-18 | 5/16"-24 | 3/8"-24 | 3/8"-16 | 7/16"-20 | 7/16"-14 | 1/2"-20 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|
| 1/2" | MTTT4NC02500500 | MTTT4NF02500500 | - | - | - | - | - | - | - |
| 5/8" | MTTT4NC02500625 | MTTT4NF02500625 | - | - | - | - | - | - | - |
| 3/4" | - | MTTT4NF02500750 | MTTT4NC03120750 | MTTT4NF03120750 | - | - | - | - | - |
| 7/8" | - | MTTT4NF02500875 | - | - | MTTT4NF03750875 | - | - | - | - |
| 1" | - | - | MTTT4NC03121000 | MTTT6NF03121000 | MTTT4NF03751000 | MTTT4NC03751000 | - | - | - |
| 1-1/4" | - | - | MTTT4NC03121250 | - | MTTT4NF03751250 | MTTT4NC03751250 | MTTT4NF04371250 | - | MTTT4NF05001250 |
| 1-3/8" | - | - | - | - | - | - | - | - | MTTT4NF05001375 |
| 1-1/2" | - | - | MTTT4NC03121500 | - | MTTT4NF03751500 | MTTT4NC3751500F* | MTTT4NF04371500 | MTTT4NC04371500 | MTTT4NF05001500 |
| 1-3/4" | - | - | - | - | MTTT4NF03751750 | - | MTTT4NF04371750 | - | MTTT4NF05001750 |
| 2" | - | - | - | - | MTTT4NF03752000 | - | - | - | MTTT4NF05002000 |
| 2-1/2" | - | - | - | - | MTTT4NF03752500 | - | - | - | MTTT4NF05002500 |
| 2-3/4" | - | - | - | - | - | - | - | - | MTTT4NF05002750 |

* "F" suffix signifies flange head.



Titanium Engine Fasteners

Lightweight, aircraft grade titanium fasteners help reduce weight without sacrificing strength.

Part No. MTTSTUD375X1125 Header Stud, 3/8" Dia. x 1.125" L., Each
Description MTTSTUD375X1500 Distributor Stud, 3/8" Dia. x 1.500" L., Each





NEW VENDOR

Formulated using patented Solid-Film Lubrication, Micro-Armor improves oil protection, while soft metal micro-particles "fill-in and repair" surface scratches in cylinder walls, bearings, camshafts, etc. Product reduces heat, friction and wear, while improving performance and fuel economy. Formulas are available for engine, gear train, spray lubricant and chassis/wheel bearing grease.



| Description | 8 Oz. Bottle | 1 Case (12) 8 Oz. Bottles | 1 Gallon Container | 1 Case (6) 1 Gallon Containers |
|----------------------|---------------|----------------------------|--------------------|--------------------------------|
| 1000 Engine Armor | MCA1010-01 | MCA1010-12 | MCA1030-01 | MCA1030-06 |
| 3000 Gear Armor | MCA3010-01 | MCA3010-12 | MCA3030-01 | MCA3030-06 |
| Description | 12 Oz. Bottle | 1 Case (12) 12 Oz. Bottles | 1 Gallon Container | 1 Case (6) 1 Gallon Containers |
| 4000 Spray Lubricant | MCA4010-01 | MCA4010-12 | MCA4030-01 | MCA4030-06 |
| Description | 14 Oz. Tube | 1 Case (12) 14 Oz. Tubes | 16 Oz. Jar | 1 Case (12) 16 Oz. Jars |
| 6000 Chassis Grease | MCA6040-01 | MCA6040-12 | MCA6000-01 | MCA6000-12 |

MICRO TEMP

DIGITAL INFRARED THERMOMETERS

Digital Infrared Thermometers

Check track surface temperatures, tire temperatures, brake rotors, headers and exhaust temperatures with MicroTemp. New technology, better quality control and new manufacturing methods yield an affordable price and an all around better product. Choose regular or pocket sized models. Covered by a 90-day manufacturer's warranty.



MITMT-250

| Part No. | Description |
|-----------------|---|
| MITMT-100..... | Pocket Size Infrared Pyrometer, -67°F to 230°F |
| MITMT-250..... | Pocket Size Infrared Pyrometer, -67°F to 482°F |
| MITMT-EXP | Digital Infrared Pyrometer, -58°F to 752°F |
| MITMT-PRO | Professional Infrared Pyrometer, -76°F to 932°F |



Jon Beach

Mobil 1

NEW VENDOR

Racing Oil

Fully synthetic, low friction oil is engineered exclusively for racing applications. Oil maximizes power, while offering exceptional durability and protection. Well suited to flat tappet engines, oil includes boosted levels of zinc-phosphorous. Sold in 1 quart bottles, or in cases of (6) quarts. Non API certified.

| Description | 1 Qt. Bottle | 1 Case (6) Qts. |
|-------------|--------------|-----------------|
| 0W-30 | MOB14516 | MOB44516 |
| 0W-50 | MOB14518 | MOB44518 |



Diesel Truck Synthetic Oil

Perfect for towing heavy loads, driving off-road or every day stop-and-go driving, Mobil 1 Diesel Truck synthetic motor oil provides outstanding protection for diesel engines. Sold in 1 quarts bottles, 1 gallon jugs, or in cases.

| Description | 1 Qt. Bottle | 1 Case (6) Qts. | 1 Case (12) Qts. | 1 Gallon Jug | 1 Case (4) 1 Gallon Jugs | 1 Case (2) 4 Gallon Jugs |
|-------------|--------------|-----------------|------------------|--------------|--------------------------|--------------------------|
| 5W-40 | MOB14986 | MOB44986 | - | MOB14987 | - | MOB44999 |
| 15W-40 | MOB44818 | - | MOB96818 | MOB44819 | MOB96819 | - |



Synthetic Oil

Lubricant is formulated with a proprietary blend of high performance synthetic basestocks that are fortified with a precisely balanced additive system. Recommended for a wide variety of vehicles, oil meets ILSAC GF-5 performance standards. Sold in 1 quart bottles, 5.1 quarts jug, or in cases. API certified.

| Description | 1 Qt. Bottle | 1 Case (6) Qts. | 5.1 Qts. Jug | 1 Case (4) 5.1 Qts. Jugs |
|-------------|--------------|-----------------|--------------|--------------------------|
| 0W-40 | MOB44962 | MOB96989 | - | - |
| 5W-20 | MOB14975 | MOB44975 | MOB15002 | MOB85002 |
| 5W-30 | MOB24812 | MOB94001 | MOB15001 | MOB85001 |
| 10W-30 | MOB24811 | MOB94003 | MOB15003 | MOB85003 |
| 15W-50 | MOB24813 | MOB94002 | - | - |



Automatic Transmission Fluid

ExxonMobil offers a wide variety of conventional, synthetic blend and fully synthetic automatic transmission fluids to suit a wide variety of vehicles. Sold in 1 quart bottles, or in cases of (6) quarts.

| Description | 1 Qt. Bottle | 1 Case (6) Qts. |
|----------------------------|--------------|-----------------|
| Synthetic | MOB25201 | MOB96916 |
| Type F | MOB25216 | MOB94216 |
| GM Dexron IIIH/Ford Mercon | MOB25217 | MOB95217 |
| Multi-Vehicle | MOB25220 | MOB55220 |
| Dexron-VI | MOB25223 | MOB55223 |



Synthetic Grease

Lithium complex, NLGI No. 2 grease incorporates extreme-pressure properties and superior resistance to wear, water wash, rust and corrosion. Synthetic base oil provides maximum performance at low and high temperatures, and effective lubrication and bearing protection over extended periods. Sold in 12.5 oz. cartridges, or in cases of (40) 12.5 oz. cartridges.

| Description | 12.5 Oz. Cartridge | 1 Case (40) 12.5 Oz. Cartridges |
|------------------|--------------------|---------------------------------|
| Synthetic Grease | MOB96102 | MOB96240 |



Synthetic Gear Lube

Multi-purpose, synthetic gear lubricants are fully engineered to meet the performance requirements of modern passenger vehicles in a wide variety of operating conditions, including limited-slip differentials. Sold in 1 quart bottles, or in cases of (12) quarts.

| Description | 1 Qt. Bottle | 1 Case (12) Qts. |
|-------------|--------------|------------------|
| LS 75W-90 | MOB26101 | MOB96100 |
| LS 75W-140 | MOB44815 | MOB96814 |





Small Block Chevy Oil Pans Claimer Oil Pans

Specifically for IMCA and hobby stock cars, five quart (plus filter) oil pans appear stock but house full length windage trays for effective oil control. 7-1/2" sump depth.



| Part No. | Description |
|---------------|--|
| MIL31501..... | 1986-up SB Chevy Oil Pan, RH Dipstick |
| MIL31502..... | 1980-85 SB Chevy Oil Pan, RH Dipstick |
| MIL31503..... | Pre-1980 SB Chevy Oil Pan, LH Dipstick |
| MIL18307..... | Oil Pump Pick-up, When Using MIL18750 or Melling MELM55HV Oil Pump |

Street Stock Oil Pans

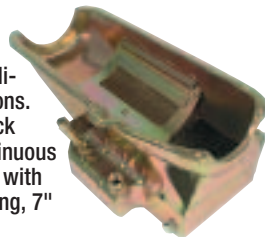
Oil pans are 7-1/2" deep with 6 quart (plus filter) capacities, right side kickouts and full length, quick fastener-mounted windage trays.



| Part No. | Description |
|---------------|--|
| MIL31512..... | 1980-85 SB Chevy Oil Pan, RH Dipstick |
| MIL31513..... | Pre-1980 SB Chevy Oil Pan, LH Dipstick |
| MIL18308..... | Oil Pump Pick-up, When Using MIL18750 Or Melling MELM55HV Oil Pump |

Late Model Oil Pan

Ideal for dirt/asphalt late models or modifieds with non-stock crossmember locations. Highly effective trap door system and quick release windage tray assembly offer continuous oil control. Seven quart pan is compatible with large diameter flywheels and has a 12" long, 7" deep sump.



| Part No. | Description |
|---------------|---|
| MIL31504..... | SB Chevy Late Model Oil Pan |
| MIL18305..... | Oil Pump Pick-up, When Using MIL18770 Or Melling MELM99HVS Oil Pump |
| MIL18306..... | Oil Pump Pick-up, When Using MIL18750 Or Melling MELM55HV Oil Pump |

Late Model Pro Competition Oil Pans

Engineered for applications that don't use a stock crossmember, pan includes a trap door system, full length kickout and windage tray for exceptional oil control. Compatible with stock, large diameter flywheels. Includes 1/2" NPT bung for a oil temperature sender. Offered with sealed, dirt proof, screw-in style dipstick. Pan has a 7" deep x 12" length sump and a capacity of 7 qts., plus filter.



| Part No. | Description |
|---------------|---|
| MIL31515..... | Pre-1980 SB Chevy Oil Pan, LH Without Dipstick |
| MIL31516..... | 1980-85 SB Chevy/Dart SHP Oil Pan, RH With Dipstick |
| MIL18305..... | Oil Pump Pick-up, When Using MIL18770 Or Melling MELM99HVS Oil Pump |
| MIL18306..... | Oil Pump Pick-up, When Using MIL18750 Or Melling MELM55HV Oil Pump |

Windage Trays

Windage trays provide maximum protection against oil splashback. Louvered and "Diamond Stripper" screen type windage trays are available. Each requires a windage tray installation kit.



| Part No. | Description |
|---------------|---|
| MIL32101..... | SB Chevy 400 Louvered Windage Tray, LH Dipstick |
| MIL32100..... | SB Chevy 350 Louvered Windage Tray, LH Dipstick |
| MIL32250..... | SB Chevy 350-400 "Diamond Stripper" Windage Tray, RH or LH Dipstick |
| MIL81150..... | SB Chevy Windage Tray Installation Kit |

Oil Pumps And Oil Pump Drive Shafts

Milodon oil pumps provide a 20-30% increase in volume and pressure. Flow tested for quality and performance.

Pump drive shafts are machined from 4130 chrome moly, centerless ground to avoid stress risers and then heat treated. For use with high volume/high pressure oil pumps. Chevy pump drives use pinned steel collars instead of plastic.



| Application | Oil Pump | Pump Drive |
|--------------------------------|----------|------------|
| SB Chevy 262-400 | MIL18750 | MIL23050 |
| SB Chevy 262-400 High Pressure | MIL18756 | MIL23050 |
| SB Ford 260-302 | - | MIL22500 |
| SB Ford 351W | MIL18800 | MIL22560 |

Oil Pump Stud MIL17050

Stud is centerless ground from 8740 steel with rolled and heat treated threads, ground washer, and nut. Fits small block Chevy.



Small Block Chevy Main Caps

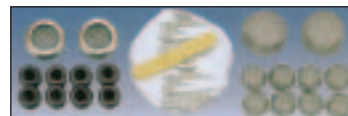
Rigid main caps, CNC-machined from high strength ductile material, increase the bottom end strength of 2- or 4-bolt main blocks. Sold complete with required hardware. Block must be align honed for installation.



| Part No. | Description |
|---------------|---|
| MIL11150..... | SB Chevy, OEM 2-Bolt Main, Angled Bolts |
| MIL11180..... | SB Chevy 400, 2- Or 4-Bolt Main, Angled Bolts |
| MIL11183..... | SB Chevy 400, Front Main Cap Only, 2-Bolt |

SB Chevy Lifter Valley Screen Kit MIL23150

Stainless steel oil screens cover drain back holes in the lifter valley, preventing broken valve train debris from causing serious bottom end damage. Epoxy adhesive included.



Reinforced Steel Timing Cover MIL65555

Gold iridited small block Chevy steel timing cover has a reinforced cam thrust area to prevent cam "walk."



Small Block Chevy Fastener Kits

Milodon offers a variety of popular fasteners for small block Chevy.

| Part No. | Description |
|---------------|--|
| MIL81300..... | Oil Pan Stud Kit |
| MIL83000..... | Engine Fastener Kit, Includes Carb And Valve Cover Studs, Intake, Timing Cover, Water Pump, Oil Pan, Header, Water Neck, Distributor, Fuel Pump And Balancer Bolts |
| MIL84530..... | Harmonic Balancer Bolt, 3/4" Hex Head |
| MIL85000..... | Oil Pan Bolt Kit |
| MIL85400..... | Intake Manifold Bolt Kit |

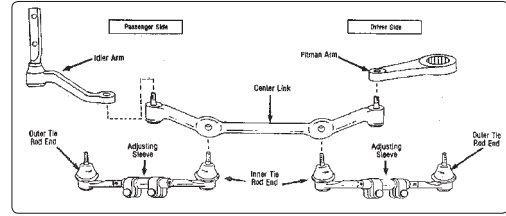


MIL83000



Stock Replacement Chassis Parts

M2 technology delivers instant steering response and “turn-on-a-dime” handling. Ball joints have heat-treated, full-ball metal studs, exclusive double bearings and all metal “gusher” design. Double bearings even the load and provide smooth operation through the full range of motion and the “gusher” design allows grease to fully coat bearing surfaces for longer life.



| Application | Tie Rod Assembly – Right (Passenger's Side) | | | | Tie Rod Assembly – Left (Driver's Side) | | |
|---|---|-------------|--------------|--------------------|---|-------------|--------------|
| | Outer End | Adj. Sleeve | Inner End | Center Link | Inner End | Adj. Sleeve | Outer End |
| 1975-79 Chevy Camaro, Z-28 | – | MOGES2004S | MOGES443L | MOGDS829 | MOGES442L | MOGES2004S | – |
| 1970-74 Chevy Camaro, Z-28 | – | MOGES2004S | MOGDS781 | MOGDS829 | MOGDS782 | MOGES2004S | – |
| 1978-88 Chevy Malibu, Monte Carlo | MOGES2033RLT | MOGES2032S | MOGES2034RLT | MOGDS909 | MOGES2034RLT | MOGES2032S | MOGES2033RLT |
| 1973-77 Chevy Chevelle, Malibu, Monte Carlo | MOGES427R | MOGES2004S | MOGES2020RLT | – | MOGES2020RLT | MOGES2004S | MOGES427R |
| 1971-72 Chevy Chevelle, Malibu, Monte Carlo | – | MOGES2004S | MOGES406L | MOGDS749 | MOGES406L | MOGES2004S | – |
| 1964-70 Chevy Chevelle, Malibu, Monte Carlo | MOGES333RL | MOGES2032S | MOGES681N | MOGDS749 (1968-72) | MOGES681N | MOGES2032S | MOGES333RL |
| 1971-76 Chevy Caprice, Impala | MOGES403R | MOGES2004S | – | – | – | MOGES2004S | MOGES403R |

Ball Joints

Part No. Application

- Lower**
 MOGK5103.....1964-72 Chevelle, Malibu; 1970-72 Monte Carlo (Alternate - ALL56210)
 MOGK6117T.....1971-95 Chevy/GMC Truck, Fits Impala Spindle, Raises Roll Center (Alternate - Allstar ALL56212)
 MOGK6141.....1971-76 Impala, Caprice (Alternate - Allstar ALL56206)
 MOGK6145T.....1970-81 Camaro; 1973-88 Chevelle, Malibu, Monte Carlo; 1977-94 Impala, Caprice (Alternate - Allstar ALL56218)
 MOGK727.....1970-98 Dodge Truck, Lefthander Style Lower A-Frames, Screw-In (Alternate - Allstar ALL56216)
 MOGMP1005.....Performance 1970-98 Dodge Truck, Lefthander Style Lower A-Frames, Screw-In (Alternate - Allstar ALL56216) Pair

- Upper**
 MOGK5108.....1964-72 Chevelle, Malibu; 1970-72 Monte Carlo
 MOGK5208.....1970-81 Camaro; 1973-88 Chevelle, Malibu, Monte Carlo; 1971-96 Impala, Caprice (Alternate - Allstar ALL56220)
 MOGK6024.....1963-71 Chevy/GMC Truck, UB Machine Style Upper A-Frames, Bolt-In (Alternate - Allstar ALL56204)
 MOGK6136.....1973-95 Chevy/GMC Truck, Fits Impala, Chevelle, Camaro, Raises Roll Center, Bolt-In (Alternate - Allstar ALL56208)
 MOGK772.....1957-89 Chrysler/Dodge/Plymouth, Lefthander Style Upper A-Frames, Screw-In (Alternate - Allstar ALL56214)
 MOGMP1004.....Performance 1957-89 Chrysler/Dodge/Plymouth, Lefthander Style Upper A-Frames, Screw-In (Alternate - Allstar ALL56214) Pair



Idler Arms

- Part No. Application**
 MOGK5143.....1968-72 Chevrolet Chevelle, Malibu, Monte Carlo
 MOGK6153.....1974-76 Chevrolet Caprice/Impala
 MOGK6186.....1973-81 Chevrolet Camaro
 MOGK6187T.....1978-88 Chevrolet Malibu

Control Arm Bushings

| Application | Upper Part No. | Lower Part No. |
|--------------------------------------|----------------|----------------|
| 1966-72 Chevelle, Round Rear Bushing | MOGK5196 | MOGK6076 |
| 1970-72 Chevelle, Oval Rear Bushing | MOGK5196 | MOGK5149 |
| 1974-77 Chevelle, Monte Carlo | – | MOGK6109 |
| 1978-87 Monte Carlo, Malibu | MOGK6176 | MOGK6177 |

Note: Component part numbers ending with “T” feature enhanced designs.



C-Clip Axles

Replacement axles for hobby, factory or street stocks are made of forged steel with non-tapered, hardened bearing seats and machined c-clip grooves for use with stock carriers. Sold in pairs, unless specified.



| Part No. | Description | Applications |
|---------------|---|--|
| MEIA102601 | 10-Bolt 7.5" GM 26-Spline Axles, 28-7/16" | 1978-81 Malibu/Cutlass/Grand Prix/Regal |
| MEIA102803 | 10-Bolt 8.5" GM 28-Spline Axles, 30-1/16" | 1970-81 Camaro/Firebird; 1968-72 Chevelle/Skylark/Cutlass/LeMans |
| MEIA102812-1* | 10-Bolt 8.5" GM 28-Spline Axle (Single), 30-5/16" | 1973-77 Monte Carlo/Malibu/Regal/Cutlass/Grand Am |

* Sold Individually



Jim Borden



Becky Hotovy

Photos By: John Berglund



Wet Sump Small Block Chevy Oil Pans "Claimer Series" Oil Pan

MOR21804

Stock appearing pan is ideal for classes requiring a stock oil pan. Pan has two trap door baffles, built-in windage tray and crankshaft scraper. Four quart (plus filter) pan fits all pre-1980 blocks with driver's side dipstick.

Pickup Required:

| Part No. | Description |
|----------|--|
| MOR24212 | When Using Standard Volume, MOR22101 Or MEL10553 Oil Pumps |
| MOR24213 | When Using High Volume, MOR22111 Or MEL10550 Oil Pumps |



"Sportsman Series" Street Stock Oil Pan MOR21308

Street Stock oil pan fits GM Metric and many other chassis. Kicked-out, 8" deep pan has seven quart capacity (plus filter), is fully baffled with three trap doors, and includes a crankshaft scraper to provide effective oil control. Compatible with strokes up to 3.800" and most starter/flywheel combinations. Fits early, pre-1980 or 1980-85 blocks with right or left hand dipstick.

Pickup Required:

| Part No. | Description |
|----------|--|
| MOR24308 | When Using High Volume, MOR22111 Or MEL10550 Oil Pumps |



"Power Kickout Series" Street Stock Oil Pans

Kicked out sump, 7-1/8" deep, seven quart capacity (plus filter) pans are well suited for GM Metric "A" body chassis in street stock classes. Steel pans are fully baffled, include five trap doors and removable windage trays. Compatible with strokes up to 3.800" and most starter/flywheel combinations.

| Part No. | Description |
|----------|--|
| MOR21312 | Steel Pan, Fits Pre-1980 Blocks With Driver's Side Dipstick Or 1980-85 Blocks With Passenger's Side Dipstick |
| MOR21313 | Steel Pan, Fits 1986-Up Blocks With 1-Pc. Rear Main Seal |

Pickup Required:

| | |
|----------|--|
| MOR24101 | When Using Melling MELM10555 Oil Pumps |
| MOR24103 | When Using Standard Volume, MOR22101 Or MEL10553 Oil Pumps |
| MOR24104 | When Using High Volume, MOR22111 Or MEL10550 Oil Pumps |



Circle Track Kickout Oil Pans

Cost effective, steel small block Chevy pans, which fit 1978-87 GM metric, aftermarket and Camaro chassis, are 7-1/2" deep with passenger's side kickout and include trap door baffling, built-in crank scrapers and removable, louvered windage trays. Pans have a 7 quart capacity, may be used with most starter/flywheel combinations and up to 3.800" stroke with steel rods.

| Part No. | Description |
|----------|--|
| MOR21316 | Steel Pan, Pre-1980 Blocks With Driver's Side Dipstick |
| MOR21317 | Steel Pan, 1980-85 Blocks With Passenger's Side Dipstick |
| MOR21320 | Steel Pan, 1986-Up Blocks With 1-Pc. Rear Main Seal |

Pickup Required:

| | |
|----------|---------------------------------------|
| MOR24316 | When Using Melling MELM55HV Oil Pumps |
| MOR24317 | When Using Melling MELM55 Oil Pumps |



Circle Track Kickout Oil Pans With 1" Inspection Bung **NEW!**

Designed for 1978-87 GM metric, aftermarket and Camaro chassis applications, steel small block Chevy oil pans feature 1" inspection bungs to meet IMCA rules for eased crankcase inspection. Pans are 7-1/2" deep with passenger's side kickout, and incorporate trap doors, built-in crank scrapers and removable, louvered windage trays for superior oil control. Pans have a 7 quart capacity, may be used with most starter/flywheel combinations and up to 3.800" stroke with steel rods.

| Part No. | Description |
|----------|--|
| MOR21322 | Steel Pan, Pre-1980 Blocks With Driver's Side Dipstick |
| MOR21323 | Steel Pan, 1980-85 Blocks With Passenger's Side Dipstick |
| MOR21324 | Steel Pan, 1986-Up Blocks With 1-Pc. Rear Main Seal |

Pickup Required:

| | |
|----------|---------------------------------------|
| MOR24316 | When Using Melling MELM55HV Oil Pumps |
| MOR24317 | When Using Melling MELM55 Oil Pumps |



"Power Kickout Series" Late Model Oil Pans

Steel pans are 6-1/2" deep with a passenger's side kickout and a six quart capacity. It will fit tube chassis cars with lower engine mounting. Oil is controlled with five trap door baffles and a louvered windage tray. Pans have a 6 quart capacity, may be used with most starter/flywheel combinations and up to 3.800" stroke with steel rods.

| Part No. | Description |
|----------|---|
| MOR21314 | Steel Pan, Pre-1980 Blocks With Driver's Side Dipstick Or 1980-85 Blocks With Passenger's Side Dipstick |
| MOR21315 | Steel Pan, 1986-Up Blocks With 1-Pc. Rear Main Seal |

Pickup Required:

| | |
|----------|---|
| MOR24314 | When Using MOR22101 Or MEL10553 Oil Pumps |
|----------|---|



"Sportsman Series" Street Stock/GM Metric Chassis Oil Pans

7-1/8" deep oil pans are for use with GM Metric "A" body chassis in street stock or late model classes. Seven quart (plus filter), kicked-out sump pans have removable, louvered windage trays and fully baffled sumps with five trap doors. Pans are compatible with strokes up to 3.800" and most starter/flywheel combinations.

| Part No. | Description |
|----------|--|
| MOR21318 | Steel Pan, Pre-1980 Blocks With Drivers Side Dipstick Or 1980-85 Blocks With Passenger's Side Dipstick |
| MOR21319 | Steel Pan, 1986-Up Blocks With 1-pc. Rear Main Seal |

Pickup Required:

| | |
|----------|--|
| MOR24101 | When Using Melling MELM10555 Flange Type Oil Pumps |
| MOR24103 | When Using Standard Volume, MOR22101 Or MEL10553 Oil Pumps |
| MOR24104 | When Using High Volume, MOR22111 Or MEL10550 Oil Pumps |
| MOR24318 | When Using MELM155HV Oil Pump |



Dry Sump Small Block Chevy Oil Pans "Sportsman Series" Sportsman/ Modified 3-Stage Oil Pans

Steel dry sump pans are for NASCAR Sportsman, Modifieds, Late Models and Sprint cars. Pans have full length, uni-directional windage trays, crank scrapers and two slotted -12AN pickup tubes. Will work with most starter/flywheel combinations. Pans are 4-1/2" deep.

| Part No. | Description |
|----------|--|
| MOR21511 | Passenger's Side Pickups, Fits Pre-1980 Blocks With Driver's Side Dipstick |
| MOR21521 | Driver's Side Pickups, Fits Pre-1980 Blocks With Driver's Side Dipstick |





Dry Sump Small Block Chevy Oil Pans - Cont.

“Professional Series” Aluminum 4-Stage Oil Pans

Ideal for most dirt late model chassis with reverse mount starters, fabricated aluminum pan is 6-1/2" deep with expanded metal windage screens with multiple scrapers. Radial, full length kickouts, billet end caps, inspection plug and three -12AN female fittings on the right side are standard. Available to fit stock small block Chevy and Dart Iron Eagle blocks.

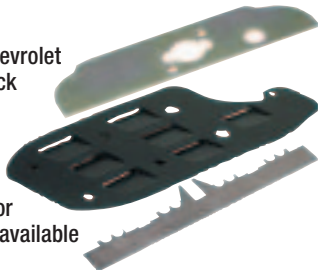


| Part No. | Description |
|----------|----------------------------|
| MOR21547 |Dart Iron Eagle Pan |
| MOR21566 |Small Block Chevy Pan |

Oiling System Components

Oil Control Kit

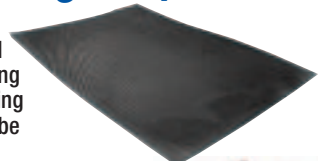
Oil Control Kit for small block Chevrolet engines converts virtually any stock type oil pan to a competition pan. Includes Teflon-coated louvered windage tray, crankshaft scraper and rear main oil cap baffle. Some trimming may be required for installation. Components are also available separately.



| Part No. | Description |
|----------|-------------------------------|
| MOR23035 |Complete Oil Control Kit |
| MOR23000 |Rear Main Cap Baffle |
| MOR23020 |Louvered Windage Tray |
| MOR25800 |Crankshaft Wiper |

Uni-Directional Windage Tray Screen MOR22912

Tray directs oil to sump area and increases horsepower by preventing oil from splashing back onto rotating assembly. 23" X 16" screen must be trimmed for each application.



SB Chevy HD Oil Pumps

Available separately or complete with pickups that have been welded to the pump body for a bolt-on installation. Choose the pump/pickup that matches the depth of the oil pan.



| Description | Oil Pump/Pickup Part No. | Oil Pump Only Part No. |
|---------------------------------|--------------------------|------------------------|
| Standard Volume Oil Pump | | |
| 8-1/4" Deep Pan, 5/8" Inlet | MOR22124 | MOR22101 |
| High Volume Oil Pump | | |
| 8-1/4" Deep Pan, 5/8" Inlet | MOR22134 | MOR22111 |
| 7-1/2" Deep Pan, 5/8" Inlet | MOR22144 | MOR22111 |
| 8-1/4" Deep Pan, 3/4" Inlet | MOR22146 | - |
| 7-1/8" Deep Pan, 3/4" Inlet | MOR22147 | - |

Oil Pump Driveshafts

Designed to replace mild steel OEM shafts, high quality steel units include a pinned steel sleeve for proper oil pump and shaft alignment.



| Part No. | Description |
|----------|--|
| MOR22070 |SB Chevy, 5.75" Long |
| MOR22077 |SB Chevy Dart, .391" Raised Cam, 6.24" Long |
| MOR22090 |SB Chevy, When Using BB Chevy Pump, 5.625" Long |

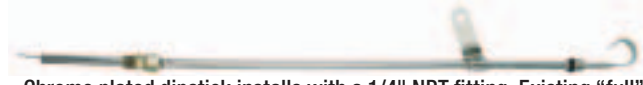
Oil Pump Stud Kit MOR38150

Oil Pump Stud (7/16" x 3-3/16") is made of 4130 steel and fits small or big block and 90° V-6 Chevy engines. Includes stud, self-locking nut and hardened, ground washer.



Universal Dipstick Kit MOR25970

Chrome plated dipstick installs with a 1/4" NPT fitting. Existing "full" marks may be used, or dipstick may be re-labeled. Overall length is 24". Includes 1/4" NPT weld fitting.



Oil Pan Inspection Plug Kit MOR23970

Post-race inspections of the crankshaft and connecting rods, without removing the oil pan are easy with Moroso's Oil Pan Inspection Kit. The easily installed kit includes a steel fitting to be welded to side of the oil pan, and a removable lightweight aluminum inspection plug that is 1" NPT thread.



Oil Pump Block-Off Plate MOR23790

Bolt-on aluminum plate seals oil passage on rear main cap when dry sump is used. Requires no drilling or tapping for installation on small block Chevs.



Oil Restrictor Kits

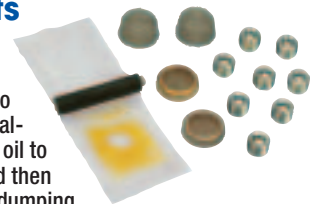
Reduce flow to rocker arm assemblies, leaving more oil available for rod and main bearings. Power-robbing windage is reduced by lessening the volume of oil passing by the rotating assembly on its return to the pan. Not for use with hydraulic lifters.



| Part No. | Description |
|----------|--|
| MOR22010 |SB and BB Chevs., .0625" Orifice Dia., Screws Into Lifter Gallery Cleaning Plug Holes At Back Of Block, 2 Per Package |
| MOR22016 |New GM Blocks With Oil Lifter Galley Bosses, Flush With Bellhousing Face, 2 Per Package |
| MOR22045 |SB Ford 302-351W, 7 Per Package |

Oil Return Screen Kits MOR25000

Screen retains debris in the lifter valley area and includes eight plugs to plug the oil return holes in the lifter valley above the cam. This redirects the oil to the front and rear return galleries and then directly to the sump area, instead of dumping it on the crankshaft causing increased windage and lost horsepower. Fits SB Chevy.



Racing Oil Filters

Rated at 27 microns and provide less pressure drop, more flow, less oil bypass, and maximum oil filtration.

| Part No. | Description |
|----------|---|
| MOR22459 |Chevy Short Style Oil Filter, 4-9/32" Tall |
| MOR22460 |Chevy Tall Style Oil Filter, 5-1/4" Tall |
| MOR22465 |Remote Mount, Replaces Fram HP6, 6-1/4" Tall |
| MOR22470 |Ford/Chrysler Tall Style Oil Filter, 5-1/4" Tall |

