



Race Engine Accessories

Extra vacuum increases power by improving ring seal and preventing blow-by, intake-charge contamination and detonation and by allowing the use of low-tension piston rings for less friction. Mororo's "purpose-built" racing pumps offer all of these power advantages and more and are your best alternative over the passenger car "smog pumps".



FABRICATED ALUMINUM VALVE COVERS

APPLICATION	PART NO.
All SBC cylinder heads w/Standard bolt pattern (inc. 18° heads)	68335
Fits SBC w/Centerbolt-style heads	68025
Fits SBC w/Centerbolt-style heads, (2 breather tubes welded to driver side cover w/filtered breathers)	68026
LS-1 Billet rail w/o Bungs	68354
LS-1 (Use w/Removable coil mounting bracket) Tall Design	68355
Fits BBC w/Symmetrical-port Bowtie cylinder heads & stock BBC heads	68345
Fits 426 HEMI Style NEW!	68305

REMOVABLE COIL MOUNTING BRACKET

- Hinged to provide quick access to valve cover fasteners
- Coil pack mounting bracket removes with two fasteners
- Coils nested toward back of motor to free up area on front of valve cover for breathers, vacuum pump fittings, fill caps, etc.
- Fits O.E.M. and larger aftermarket coils
- Use with Moroso Ultra 40 Wire Set No. 73436
- Use with Moroso Fabricated Aluminum Valve Cover No. 68355



Part No. 72396 Fit LS Series

FORD MOTOR MOUNTS

- Extra-thick 3/16" steel Motor Mounts are gusseted for extra strength
- Pre-welded Grade 8 studs withstand the high-torque, high-horsepower loading encountered during hard acceleration
- Reaction and 60-foot times are improved since engine movement in the chassis is eliminated, instantaneously transferring power to the rear wheels
- Zinc Plated



APPLICATION	PART NO.
1979-83 & 1993 Mustang 5.0L engines (2/pk)	62544
1984-92 Mustang hardtops and 1990-92 Convertibles with 5.0L (2/pk)	62545

SOLID STEEL MOTOR MOUNTS

Moroso Solid Steel Motor Mounts replace stock, OEM-style rubber mounts to eliminate torque loss and binding linkages, a common result of excessive engine movement. These solid steel mounts eliminate the need for bulky torque straps and chains. Standard models are finished with a protective zinc coating.



APPLICATION	PART NO.
Chevrolet Motor Mounts, .250" zinc plated (replaces OEM 3990914)	62500
Chevrolet Motor Mounts, SB, 188" zinc plated (replaces OEM 3962748)	62510
Chevrolet Motor Mounts, SB, 188" zinc plated (replaces OEM 6258154)	62530

"ENHANCED DESIGN" RACING VACUUM PUMP

- 4 Vane Pump Weighs 12 oz. less than "Original Style" Racing Vacuum Pump
- Pump is 1" shorter than original design
- New design pulls 13.9% more vacuum
- Achieves greater vacuum sooner
- Rotor is keyed to shaft, eliminating fastener failure
- Contains maintenance free precision sealed roller bearings
- Kit includes Pump, Billet Adjustable Bracket and Special -12AN Inlet and Outlet Fittings
- Bracket will mount to front or rear of pump and will allow 360 degree rotation before fastening for choice of inlet/outlet location
- Mounts to motor directly or to motor plate in the same holes as "Original Style" Moroso Vacuum Pump*



*Note: Belt length may change depending on mounting location. New belt may be required.

APPLICATION	PART NO.
4-Vane Racing Vacuum Pump	22642
4-Vane Racing Vacuum Pump - Unplated NEW!	22644

VACUUM PUMP V-BELT PULLEY

- Competition style pulley bolts directly to OEM, Holley® and other "smog" pumps used as engine vacuum pumps to improve ring seal
- 5"-diameter pulley uses stock (3-bolt) mounting pattern with 1.16" bolt circle



Part No. 64885

BREATHER TANK

- All-aluminum, lightweight tank features mounting straps to simplify installation
- Includes non-hooded, clamp-on-style Filtered Breather that traps oil while allowing air to escape freely
- Hand-operated drain cock facilitates tank cleaning
- Dimensions: 3-1/8" dia., 6-1/2" tank height (without filter), 11-1/2" overall height, -12 AN fittings



Part No. 85465

BREATHER TANK with BILLET CLAMP

- All-aluminum, lightweight tank features mounting straps to simplify installation
- Includes non-hooded, clamp-on-style Filtered Breather that traps oil while allowing air to escape freely
- Hand-operated drain cock facilitates tank cleaning
- Dimensions: 3-1/8" dia., 6-1/2" tank height (without filter), 11-1/2" overall height, -12 AN blue anodized fittings



Part No. 85500

VACUUM PUMP BRACKET

Moroso offers Billet Aluminum Vacuum Pump Mounting Brackets that fit a variety of engine and vacuum pump combinations. These brackets fit the engines directly or mount to a motor plate. Mounts "Original" Pump on ALL engines.



Part No. 63910

Oil Pans & Accessories

Moroso's deep ties to racing has made it a company of firsts; the first to make oil pans with deep and kicked-out sumps, the first tall valve cover, lightweight front drag tires, electric water pump drives, the four-link, the racing vacuum pump, the racing crank trigger, the racing electric water pump and "Trick" coil springs. Moroso's goal is to help you solve your problems, run faster and win races.



SB CHEVY DEEP SUMP STREET/STRIP PAN

Deep sump increases capacity to 7 quarts, which reduces oil temperature and insures adequate supply to pickup area. Trap-door baffling allows oil to flow one way into pickup area. Clears 3.800" stroke with steel rods. Works with most starter/flywheel combinations.



DESCRIPTION	PART NO.
Painted Steel, SB Chevy pre-'80 blocks with driver-side dipstick	20160
For Stock Oil Pump Pickup	24150

SB CHEVY KICKED-OUT SUMP STREET/STRIP PAN

Kicked-out sump moves oil level away from rotating assembly, increases capacity to 7 quarts and provides additional ground clearance. Trap-door baffling allows oil to flow one way into pickup area. Works with most starter/flywheel combinations.



DESCRIPTION	PART NO.
Painted Steel, SB Chevy pre-'80 blocks with driver-side dipstick	20190
Painted Steel, SB Chevy 86-up one-piece rear main seal pass.-side stick	20205
For Stock Oil Pump Pickup	24170

SB CHEVY KICKED-OUT SUMP STREET/STRIP PAN With Built-in Crank Scraper & Windage Screen

Same as No. 20190 with a crank scraper welded to pan that strips power-robbing oil from rotating assembly. Also an uni-directional windage tray screen allows oil to drain into sump without splashing back.



DESCRIPTION	PART NO.
Painted Steel, SB Chevy pre-'80 blocks with driver-side dipstick. With integral crank scraper & windage screen	20191
For Stock Oil Pump Pickup	24170

RACING OIL FILTERS

Moroso Racing Oil Filters have a rating of 27 microns, which produces a maximum initial restriction of only 2.5 psi when tested to SAE 806. The result is less pressure drop, more flow, less oil by-pass and maximum filtration performance.



APPLICATION	PART NO.
Chevy & others, 13/16" - 16 UNF thread short design 4-9/32"	22459
Chevy & others, 13/16" - 16 UNF thread long design 5-1/4"	22460
Chevy & others, 13/16" - 16 UNF thread extra long design 8" (2 qt.)	22461
Ford and Chrysler 3/4" - 16 UNF thread long design 5-1/4"	22470

BB CHEVY KICKED-OUT SUMP STREET/STRIP PAN

Increases capacity to 6 quarts and provides additional ground clearance. Notched pan rails accept strokes up to 4.250" with steel rods, 4.090" with aluminum rods.



DESCRIPTION	PART NO.
Painted Steel, BB Chevy	20401
For Stock or HV Pump Pickup	24440

BB CHEVY KICKED-OUT SUMP Integral Scraper & Windage Tray Screen

Same as #20401 with two major improvements: Crank scraper welded to pan strips power-robbing oil from rotating assembly and Uni-directional windage tray screen allows oil to drain into sump without splashing back.



DESCRIPTION	PART NO.
Painted Steel, Kicked-Out Sump Pan w/Integral scraper & screen	20403
For Stock or HV Pump Pickup	24440

FORD V8 DEEP REAR SUMP STREET/STRIP PAN

Increases capacity to 7 quarts. 9" deep sump moves oil level away from rotating assembly without restricting ground clearance.



DESCRIPTION	PART NO.
Painted Steel, 5.0L engines	20511
Matching pump pickup for Melling M68 or M68HV	24516

HEAVY DUTY RACING OIL PUMPS

Moroso "Race" Oil Pumps are designed to accommodate consistent oil pressure and volume requirements for today's racing engine. Anti-cavitation slots are machined to bleed oil back to the inlet side of the pump and an enlarged bypass area ensure a smooth flow rate throughout any RPM range.

APPLICATION	PART NO.
SB Chevy, Standard Volume	22101
SB Chevy, High Volume	22111



OIL PUMP & PICKUP COMBOS

Pickup welded to the oil pump for a simple bolt-on installation.

APPLICATION	PART NO.
SB Chevy, 8-1/4" pan depth, Standard Vol.	22124
SB Chevy, 8-1/4" pan depth, High Volume	22134
BB Chevy, 8" pan depth, High Volume	22186





MELLING

Melling has been at the heart of the automotive industry since making its first oil pump in 1946. Superb technology is just one of the reasons Melling has succeeded through the decades. That technology lives on today thru the Melling Select line of high performance oil pumps and components.

MELLING BILLET OIL PUMPS

The world's leading manufacturer in performance oil pumps now offers aluminum billet oil pumps. Designed to suit the needs of the demanding wet sump engine applications.

Features include:

- Billet Aluminum Housing with anodized hardcoat
- High volume pump gears
- Multiple Pressure settings
- Chrome-moly drive shaft that has been extended into the pump's cover for additional support
- Integral Pickup screen assembly - no additional pickup needed
- Supplied with stud kit, chrome-moly intermediate shaft, and optional pressure relief springs



APPLICATION	PART NO.
SB Chevy w/8.25" Deep Pan	10050-825
BB Chevy w/8.0" Deep Pan	10070-800

STOCK and HIGH VOLUME OIL PUMPS

SB Chevy 283-400

Stock Replacement Oil Pump
High Volume Oil Pump
High Pressure/High Volume
High Pressure/High Volume
*Requires 3/4" pickup tube

M55
M55HV
M55A
M99HVS*

Chevy LS1 4.8/5.3/6.0L

Stock Replacement Oil Pump

M295

BB Chevy 396-454

Stock Replacement Oil Pump
High Volume Oil Pump

M77
M77HV

SB Chrysler 273-360

Stock Replacement Oil Pump
High Volume Oil Pump

M72
M72HV

SB Chrysler 383-440

Stock Replacement Oil Pump
High Volume Oil Pump

M63
M63HV

SB Ford 289-302

Stock Replacement Oil Pump
High Volume Oil Pump
High Pressure Oil Pump

M68
M68HV
M68A

SB Ford 5.0L, 351W

Stock Replacement Oil Pump
High Volume Oil Pump

M83
M83HV

Ford 351C, 351M-400

Stock Replacement Oil Pump
High Volume Oil Pump

M84A
M84AHV

Ford 390

High Volume Oil Pump

M57HV

Ford 429-460

Stock Replacement Oil Pump
High Volume Oil Pump

M84
M84BHVS

Pontiac 326-455

Stock Replacement Oil Pump

M54DS



Your engine's bearings will thank you.

Melling's years of experience are apparent in these Performance oil pumps. 25 percent longer gears, providing additional flow to performance engines with wider bearing clearances. The inlet hole allows more oil into the pump through the bolt-on screen assembly. The drive and idler shafts have been extended into the cover to provide additional support, to eliminate dynamic shaft deflection.



MELLING SELECT OIL PUMPS

Melling Select pumps start with a stronger housing to withstand additional vibration and load, then adds higher performance components for increased output pressure or volume. Melling Select pumps are the premium oiling choice for high performance oiling systems.

Features Include:

- All Melling Select pumps are Mag-Phos Coated - Provides surface lubricity for wear and rust protection
- Pinned drive gear- stock pump gears are only pressed
- Shaft support- Keeps gears perpendicular by preventing shaft deflection at higher RPM's
- Screw-in valve plug- Stock plugs are pressed in

SB Chevy 283-400

25% Volume Increase, 5/8" Inlet Dia., w/o Shaft Support 10550
25% Volume Increase, 3/4" Inlet Dia., w/Shaft Support 10555

Chevy LS1 4.8/5.3/6.0L

18% Volume Increase 10296

BB Chevy 396-454

25% Volume Increase, 3/4" Inlet Dia., w/Anti-Cavitation Grooves 10778C

SB Ford 260-289-302

25% Volume Increase w/High RPM Shaft Supports 10688

Ford 4.6L SOHC

25% Volume Increase 10689
Standard Volume w/Billet Steel Rotors 10176

Ford 4.6L DOHC

Standard Volume w/Billet Steel Rotors 10227

BOLT-ON SCREENS FOR MELLING SELECT PUMPS

Fits stock 7" deep pan 12557
Fits stock 8" deep pan 12559