



GM

(Includes Isuzu & Saab)

LS Engines

4.8L, 5.3L, 5.7L, 6.0L & 6.2L



4.8-A,C,V (294) OHV - 1999-15 - 8 Cyl. - 3.78 Bore GEN III Vortec

Melling Performance Oil Pumps



Melling Part Number

Description

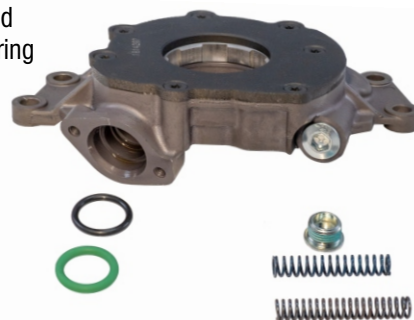
10295

Standard volume, high pressure oil pump.
 Performance upgrade of the M295. +10 psi higher pressure than M295.

The 10295 can be used on any GM Gen III application that uses the stock replacement M295 oil pump.

Features

- Exclusive rotor design with improved strength
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Includes optional +25 psi spring for COPO applications
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly



Melling Part Number

Description

10296

High volume, high pressure oil pump
 Performance upgrade of the M295. +10 psi higher pressure and +18% higher volume than M295 and 10295.

The 10296 can be used on any GM Gen III application that uses the stock replacement M295 oil pump.

Features

- Exclusive high volume (+18%) rotor design
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly



**GM/Saab/Isuzu
LS Engines 4.8L, 5.3L, 5.7L, 6.0L & 6.2L**



4.8-A,C,V (294) OHV - 1999-07 - 8 Cyl. - 3.78 Bore GEN III Vortec

Melling Performance Timing Sets

Melling Part Number

Description

48560T-9

Performance Timing Set. Performance upgrade of the 3-3SRH60S & 3-3SRH60SA



Features

- Premium race billet steel timing set
- .250" single roller timing chain
- Induction heat treated billet steel 9 Keyway adjustable crankshaft sprocket
- For use with 1x camshaft sensor, 24x crankshaft sensor ignition systems, 3 bolt billet steel camshaft sprocket
- One piece Torington thrust bearing
- Standard center distance



Melling Part Number

Description

48561T-9

Performance Timing Set. Performance upgrade of the 3-3SRH60S & 3-3SRH60SA



Features

- Premium race billet steel timing set
- .250" double roller timing chain
- Induction heat treated billet steel 9 Keyway adjustable crankshaft sprocket
- For use with 1x camshaft sensor, 24x crankshaft sensor ignition systems, 3 bolt billet steel camshaft sprocket
- One piece Torington thrust bearing
- Includes oil pump shims
- Standard center distance





**GM/Saab/Isuzu
LS Engines 4.8L, 5.3L, 5.7L, 6.0L & 6.2L**

4.8-C (294) OHV - 2007-09 - 8 Cyl. - 3.78 Bore GEN III Vortec

Melling Performance Timing Sets



Melling Part Number

Description

48562-6

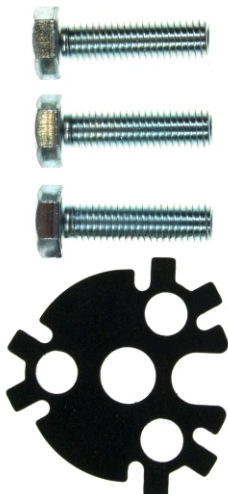
Performance Timing Set. Performance upgrade of the 3-3SRH60S

Features

- Premium race billet steel timing set
- .250" fixed single roller timing chain
- Induction heat treated billet steel 6 Keyway adjustable one piece crankshaft sprocket
- For use with 4x camshaft sensor, 58x crankshaft sensor ignition systems, 3 bolt billet steel camshaft sprocket
- Sprockets are manganese phosphate coated
- Standard center distance



Melling Performance Camshaft Accessories



Melling Part Number

Description

5461-LPK

Performance Camshaft Bolt Lock Plate
Prevents costly valve train and engine damage by preventing the camshaft bolts from loosening.

Features

- High quality hardened steel
- 3 bolt attachment for secure mounting
- Installation bolts included

5.3 (325) OHV - 1999-14 - 8 Cyl. - 3.78 Bore GEN III, GEN IV Vortec

Melling Performance Oil Pumps



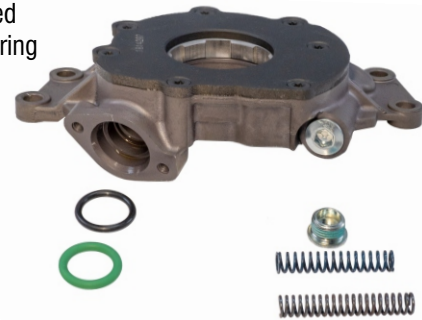
Melling Part Number	Description
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10295	Standard volume, high pressure oil pump. Performance upgrade of the M295. +10 psi higher pressure than M295.
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The 10295 can be used on any GM Gen III application that uses the stock replacement M295 oil pump.

Features

- Exclusive rotor design with improved strength
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Includes optional +25 psi spring for COPO applications
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly



Melling Part Number	Description
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10296	High volume, high pressure oil pump Performance upgrade of the M295. +10 psi higher pressure and +18% higher volume than M295 and 10295.
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The 10296 can be used on any GM Gen III application that uses the stock replacement M295 oil pump.

Features

- Exclusive high volume (+18%) rotor design
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly



5.3 (325) OHV - 1999-14 - 8 Cyl. - 3.78 Bore GEN III, GEN IV

Melling Performance Oil Pumps



Melling Part Number	Description
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10355	Standard volume, high pressure oil pump. Standard volume performance upgrade of the M355.
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The 10355 can be used on any GM Gen IV application that uses the stock replacement M355 or M365 oil pumps.



Features

- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly



Melling Part Number	Description
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48560T-9	Performance Timing Set. Performance upgrade of the 3-3SRH60S & 3-3SRH60SA
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Features

- Premium race billet steel timing set
- .250" single roller timing chain
- Induction heat treated billet steel 9 Keyway adjustable crankshaft sprocket
- For use with 1x camshaft sensor, 24x crankshaft sensor ignition systems, 3 bolt billet steel camshaft sprocket
- One piece Torington thrust bearing
- Standard center distance

GM/Saab/Isuzu
LS Engines 4.8L, 5.3L, 5.7L, 6.0L & 6.2L

MELLING
PERFORMANCE

5.3 (325) OHV - 1999-14 - 8 Cyl. - 3.78 Bore GEN III, GEN IV

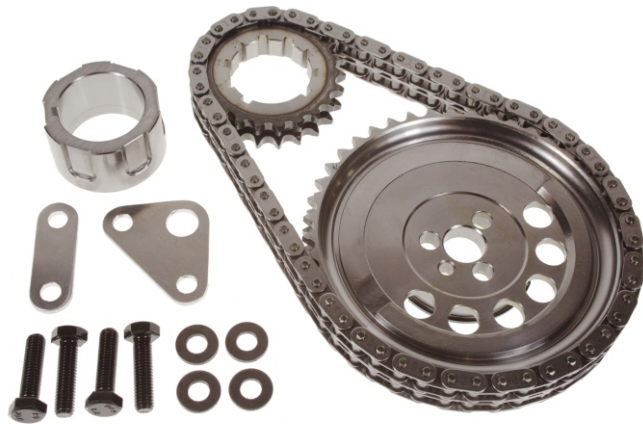
Melling Part Number

Description

MADE IN
USA

48561T-9

Performance Timing Set. Performance upgrade of the 3-3SRH60S & 3-3SRH60SA



Features

- Premium race billet steel timing set
- .250" double roller timing chain
- Induction heat treated billet steel 9 Keyway adjustable crankshaft sprocket
- For use with 1x camshaft sensor, 24x crankshaft sensor ignition systems, 3 bolt billet steel camshaft sprocket
- One piece Torrington thrust bearing
- Includes oil pump shims
- Standard center distance

MELL-GEAR
PERFORMANCE

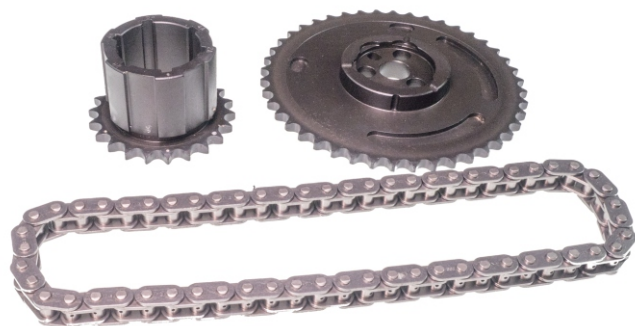
Melling Part Number

Description

MADE IN
USA

48562-6

Performance Timing Set. Performance upgrade of the 3-3SRH60S



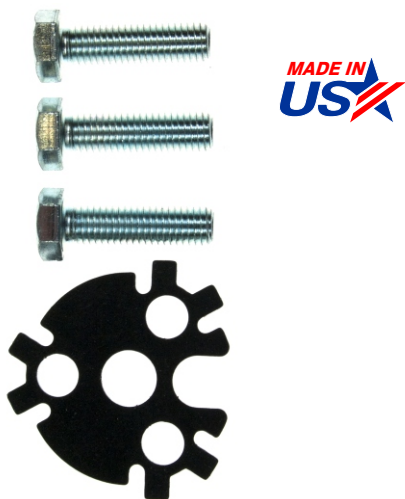
Features

- Premium race billet steel timing set
- .250" fixed single roller timing chain
- Induction heat treated billet steel 6 Keyway adjustable one piece crankshaft sprocket
- For use with 4x camshaft sensor, 58x crankshaft sensor ignition systems, 3 bolt billet steel camshaft sprocket
- Sprockets are manganese phosphate coated
- Standard center distance

MELL-GEAR
PERFORMANCE

5.3 (325) OHV - 1999-14 - 8 Cyl. - 3.78 Bore GEN III, GEN IV Vortec

Melling Performance Camshaft Accessories



Melling Part Number	Description
5461-LPK	Performance Camshaft Bolt Lock Plate Prevents costly valve train and engine damage by preventing the camshaft bolts from loosening.

Features

- High quality hardened steel
- 3 bolt attachment for secure mounting
- Installation bolts included

5.7 (350) OHV - 1997-05 - 8 Cyl. - 3.90 Bore LS1, LS6

Melling Performance Oil Pumps

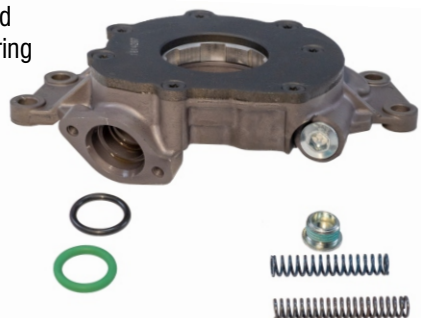


Melling Part Number	Description
10295	Standard volume, high pressure oil pump. Performance upgrade of the M295. +10 psi higher pressure than M295.

The 10295 can be used on any GM Gen III application that uses the stock replacement M295 oil pump.

Features

- Exclusive rotor design with improved strength
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Includes optional +25 psi spring for COPO applications
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly



5.7 (350) OHV - 1997-05 - 8 Cyl. - 3.90 Bore LS1, LS6



Melling Part Number	Description
10296	High volume, high pressure oil pump Performance upgrade of the M295. +10 psi higher pressure and +18% higher volume than M295 and 10295.

The 10296 can be used on any GM Gen III application that uses the stock replacement M295 oil pump.

Features

- Exclusive high volume (+18%) rotor design
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly



Melling Performance Timing Sets



Melling Part Number	Description
48560T-9	Performance Timing Set. Performance upgrade of the 3-3SRH60S & 3-3SRH60SA

Features

- Premium race billet steel timing set
- .250" single roller timing chain
- Induction heat treated billet steel 9 Keyway adjustable crankshaft sprocket
- For use with 1x camshaft sensor, 24x crankshaft sensor ignition systems, 3 bolt billet steel camshaft sprocket
- One piece Torington thrust bearing
- Standard center distance





**GM/Saab/Isuzu
LS Engines 4.8L, 5.3L, 5.7L, 6.0L & 6.2L**

5.7 (350) OHV - 1997-05 - 8 Cyl. - 3.90 Bore LS1, LS6 (Camaro, Corvette, CTS, Firebird)

Melling Performance Timing Sets

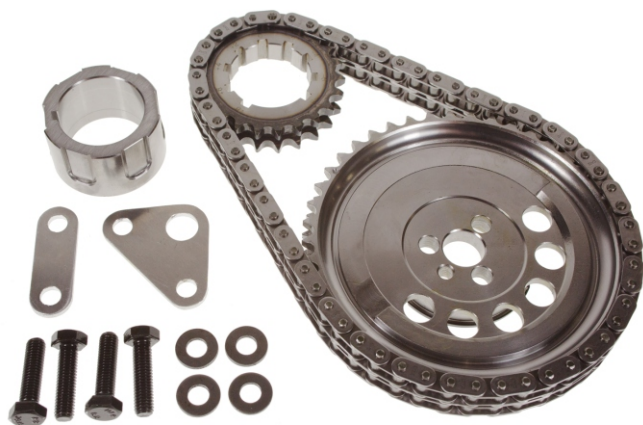
Melling Part Number

Description



48561T-9

Performance Timing Set. Performance upgrade of the 3-3SRH60S & 3-3SRH60SA



Features

- Premium race billet steel timing set
- .250" double roller timing chain
- Induction heat treated billet steel 9 Keyway adjustable crankshaft sprocket
- For use with 1x camshaft sensor, 24x crankshaft sensor ignition systems, 3 bolt billet steel camshaft sprocket
- One piece Torington thrust bearing
- Includes oil pump shims
- Standard center distance



Melling Performance Camshaft Accessories

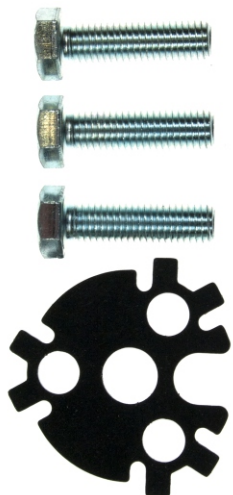
Melling Part Number

Description



5461-LPK

Performance Camshaft Bolt Lock Plate
Prevents costly valve train and engine damage by preventing the camshaft bolts from loosening.



Features

- High quality hardened steel
- 3 bolt attachment for secure mounting
- Installation bolts included

GM/Saab/Isuzu
LS Engines 4.8L, 5.3L, 5.7L, 6.0L & 6.2L



5.7 (350) OHV - 1997-05 - 8 Cyl. - 3.90 Bore LS1, LS6 (Camaro, Corvette, CTS, Firebird)

Melling Performance LS Roller Lifters

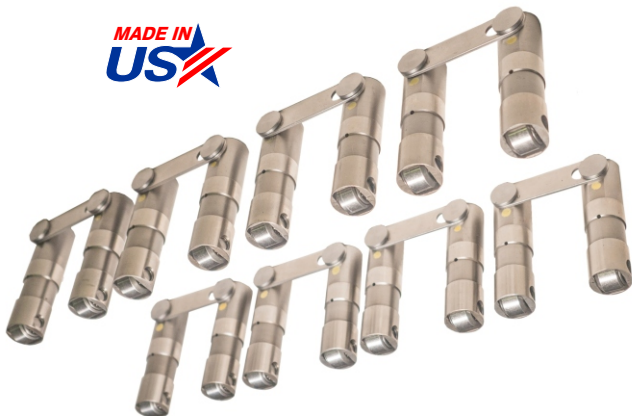
Melling Part Number	Description
LS081RF16	Hydraulic Roller Lifter set Set of 16 lifters.



Features

- Maximum O.D. 0.842" / 21.3868mm
- Maximum lift: 0.650" / 16.51mm
- Maximum RPM: 6,500
- Maximum spring pressure: 400 lbs.
- Weight: 309 grams
- Pushrod seat height: 2.658" / 67.5132mm
- May require pushrod change

Melling Part Number	Description
LS082RF16	Mechanical Roller Lifter set Set of 16 lifters.



Features

- Maximum O.D. 0.842" / 21.3868mm
- Maximum lift: 0.700" / 17.78mm
- Maximum RPM: 7,000
- Weight: 309 grams
- Pushrod seat height: 2.658" / 67.5132mm
- May require pushrod change



**GM/Saab/Isuzu
LS Engines 4.8L, 5.3L, 5.7L, 6.0L & 6.2L**

5.7 (350) OHV - 1997-05 - 8 Cyl. - 3.90 Bore LS1, LS6 (Camaro, Corvette, CTS, Firebird)

Melling Performance LS Retro-Fit Roller Camshaft



Melling Part Number	Description
22201	Hydraulic Roller Camshaft This camshaft is not California compliant, not computer compatible

Features

- Class II, Fair Idle with good to low mid range Torque and horsepower
- Billet Steel
- Lower engine vacuum than stock

Degrees .050 dur		Degrees ADV dur		Inches Valve lift		Degrees Lobe Ctr.		Degrees Separation
Int.	Exh.	Int.	Exh.	Int.	Exh.	Int.	Exh.	
223	223	291	291	.566	.566	110	118	114

Melling Performance LS Camshaft Thrust Plate



Melling Part Number	Description
MF127	Camshaft Thrust Plate

Features

- Prevents “cam walk” and component misalignment
- Protects engine investment by returning timing components to the required specifications

Melling Performance LS Valve Spring Retainer



Melling Part Number	Description
475234	Performance Valve Spring Retainer

Features

- Hardened chrome-moly steel
- Precision engineered for long life
- High quality machining for worry free performance

6.0 (364) OHV - 1999-16 - 8 Cyl. - 4.00 Bore (Cars & Trucks)

Melling Performance Oil Pumps



Melling Part Number

Description

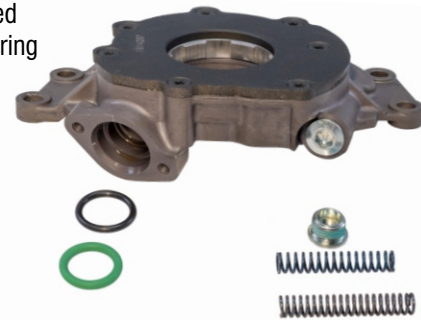
10295

Standard volume, high pressure oil pump.
Performance upgrade of the M295. +10 psi higher pressure than M295.

The 10295 can be used on any GM Gen III application that uses the stock replacement M295 oil pump.

Features

- Exclusive rotor design with improved strength
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Includes optional +25 psi spring for COPO applications
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly



Melling Part Number

Description

10296

High volume, high pressure oil pump
Performance upgrade of the M295. +10 psi higher pressure and +18% higher volume than M295 and 10295.

The 10296 can be used on any GM Gen III application that uses the stock replacement M295 oil pump.

Features

- Exclusive high volume (+18%) rotor design
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly





GM/Saab/Isuzu
LS Engines 4.8L, 5.3L, 5.7L, 6.0L & 6.2L

6.0 (364) OHV - 1999-16 - 8 Cyl. - 4.00 Bore (Cars & Trucks)

Melling Performance Timing Sets

Melling Part Number	Description
48560T-9	Performance Timing Set. Performance upgrade of the 3-3SRH60S & 3-3SRH60SA



Features

- Premium race billet steel timing set
- .250" single roller timing chain
- Induction heat treated billet steel 9 Keyway adjustable crankshaft sprocket
- For use with 1x camshaft sensor, 24x crankshaft sensor ignition systems, 3 bolt billet steel camshaft sprocket
- One piece Torington thrust bearing
- Standard center distance



Melling Part Number	Description
48561T-9	Performance Timing Set. Performance upgrade of the 3-3SRH60S & 3-3SRH60SA



Features

- Premium race billet steel timing set
- .250" double roller timing chain
- Induction heat treated billet steel 9 Keyway adjustable crankshaft sprocket
- For use with 1x camshaft sensor, 24x crankshaft sensor ignition systems, 3 bolt billet steel camshaft sprocket
- One piece Torington thrust bearing
- Includes oil pump shims
- Standard center distance



**GM/Saab/Isuzu
LS Engines 4.8L, 5.3L, 5.7L, 6.0L & 6.2L**



6.0 (364) OHV - 1999-16 - 8 Cyl. - 4.00 Bore (Cars & Trucks)

Melling Performance Timing Sets



Melling Part Number

Description

48562-6

Performance Timing Set. Performance upgrade of the 3-3SRH60S

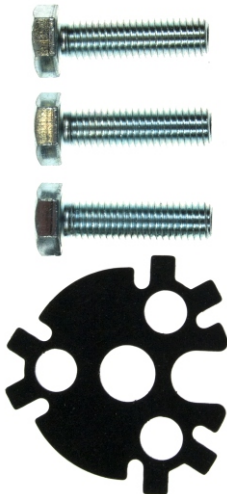


Features

- Premium race billet steel timing set
- .250" fixed single roller timing chain
- Induction heat treated billet steel 6 Keyway adjustable one piece crankshaft sprocket
- For use with 4x camshaft sensor, 58x crankshaft sensor ignition systems, 3 bolt billet steel camshaft sprocket
- Sprockets are manganese phosphate coated
- Standard center distance



Melling Performance Camshaft Accessories



Melling Part Number

Description

5461-LPK

Performance Camshaft Bolt Lock Plate
Prevents costly valve train and engine damage by preventing the camshaft bolts from loosening.

Features

- High quality hardened steel
- 3 bolt attachment for secure mounting
- Installation bolts included



GM/Saab/Isuzu
LS Engines 4.8L, 5.3L, 5.7L, 6.0L & 6.2L

6.0 (364) OHV - 1999-16 - 8 Cyl. - 4.00 Bore (Cars & Trucks)

Melling Performance LS Roller Lifters

Melling Part Number

Description

LS081RF16

Hydraulic Roller Lifter set
Set of 16 lifters.



Features

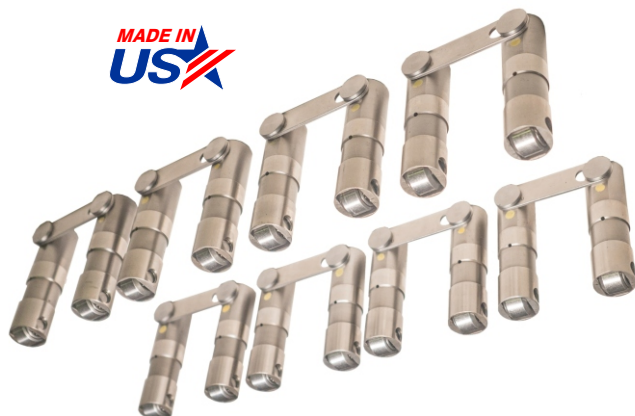
- Maximum O.D. 0.842" / 21.3868mm
- Maximum lift: 0.650" / 16.51mm
- Maximum RPM: 6,500
- Maximum spring pressure: 400 lbs.
- Weight: 309 grams
- Pushrod seat height: 2.658" / 67.5132mm
- May require pushrod change

Melling Part Number

Description

LS082RF16

Mechanical Roller Lifter set
Set of 16 lifters.



Features

- Maximum O.D. 0.842" / 21.3868mm
- Maximum lift: 0.700" / 17.78mm
- Maximum RPM: 7,000
- Weight: 309 grams
- Pushrod seat height: 2.658" / 67.5132mm
- May require pushrod change

6.0 (364) OHV - 2003-15 - 8 Cyl. - 4.00 Bore Medium/Heavy Duty

Melling Performance Oil Pumps



Melling Part Number

Description

10295

Standard volume, high pressure oil pump.
Performance upgrade of the M295. +10 psi higher pressure than M295.

The 10295 can be used on any GM Gen III application that uses the stock replacement M295 oil pump.

Features

- Exclusive rotor design with improved strength
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Includes optional +25 psi spring for COPO applications
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly



Melling Part Number

Description

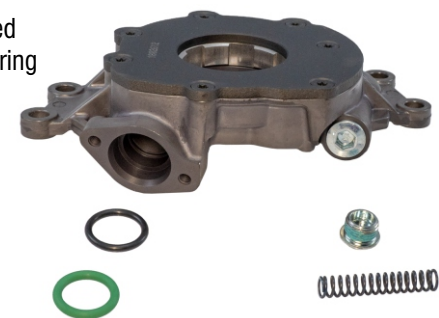
10296

High volume, high pressure oil pump
Performance upgrade of the M295. +10 psi higher pressure and +18% higher volume than M295 and 10295.

The 10296 can be used on any GM Gen III application that uses the stock replacement M295 oil pump.

Features

- Exclusive high volume (+18%) rotor design
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly



6.2 (378) OHV - 2007-15 - 8 Cyl. - 4.00 Bore (Cars & Trucks)

Melling Performance Oil Pumps



Melling Part Number

Description

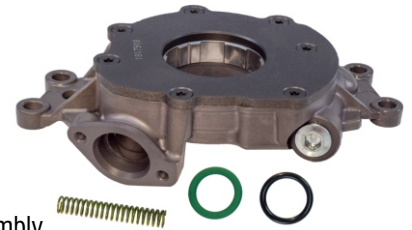
10355

Standard volume, high pressure oil pump.
 Standard volume performance upgrade of the M355.

The 10355 can be used on any GM Gen IV application that uses the stock replacement M355 or M365 oil pumps.

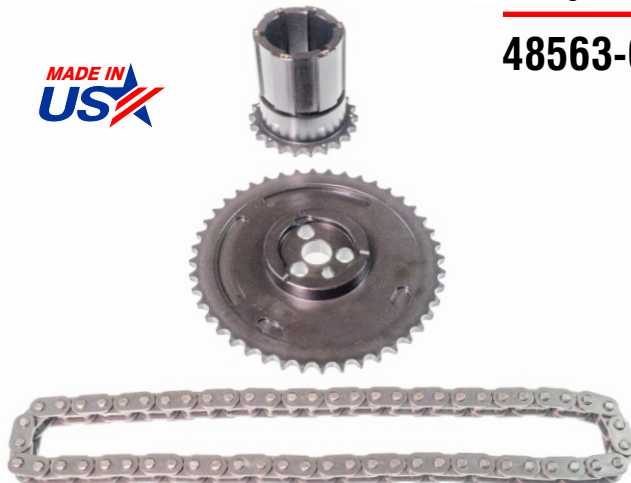
Features

- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly



7.0-E (427) OHV - 2006-08 - 8 Cyl. - 4.13 Bore LS7 Corvette

Melling Performance Timing Sets



Melling Part Number

Description

48563-6

Performance Timing Set

Features

- Premium race billet steel timing set
- .250" fixed single seamless roller timing chain
- Induction heat treated billet steel 6 Keyway adjustable one piece crankshaft sprocket
- For use with 4x camshaft sensor, 58x crankshaft sensor ignition systems, 3 bolt billet steel camshaft sprocket
- Sprockets are manganese phosphate coated
- Standard center distance

Low Volume Oil Pump For LS Priority Main Oiling Engines

Melling Performance Oil Pumps



NOTE: This oil pump is exclusive for LS engine blocks with Priority Main Oiling and is not meant to support engines with Variable Valve Timing and Displacement on Demand

Melling Part Number

Description

10294

Low volume, standard pressure oil pump.
Low volume performance version of the 10295. -15% Lower volume than 10295

Features

- Reduced flow output (-15%) as compared to stock oil pump
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- Standard pressure spring installed
- Includes optional +10 psi and +25 psi high pressure springs
- Threaded pressure relief nut
- Uses 7/8" stock bolt-on oil pickup tube assembly
- Includes O-rings for oil pickup tube assembly



Melling Specialty Items & Tools

Melling Part Number

Description

CSIT-LS

Camshaft and Sprocket Installation Tool for LS Engines

Improper installation of the camshaft sprockets or phasers can damage or push the locating pin back into the camshaft during installation. As a result Melling has released the CSIT-LS installation tool which is designed to aid in the installation of both the camshaft and the camshaft sprocket. The CSIT-LS can be used with both single bolt and 3-bolt cams. A flywheel locking tool is recommended to keep the crankshaft from turning during installation.



Features & Benefits

- Manufactured from alloyed tool steel
- Heat treated for durability
- Solves frequent improper installation issues preventing engine damage
- Works with single or 3 bolt cams
- "How to" video available on Melling.com



Melling LS Engine Plug Kits



MPE-900BR



MPE-900BR-GP



MPE-901BR



MOGP-100

Melling Part Number

Description

MPE-900BR

Brass Engine Plug Kit

MPE-900BR-GP

Brass Engine Plug Kit with Oil Galley Plug

MPE-901BR

Brass Head Plug Kit

MOGP-100

Engine Oil galley Plug



Melling Specialty Items & Tools



Melling Part Number

Description

MPL-101

Melling Pre-Lube Engine Oiler

Melling Engine Oil Priming Tools were developed as a way for engine builders to safely pre-prime the engine with oil prior to the initial engine startup. The Priming tool circulates oil to all of the critical areas of the new engine quickly and safely.

Features & Benefits

- Eliminates dry starts after engine rebuilds
- Eliminates initial wear on engine components
- Can be used on all internal combustion engines



POWERING PERFORMANCE ENGINES FOR OVER 70 YEARS

Melling Engine Parts are manufactured with key advantages. Each part is backed by resources, technologies and people who are the very best in the world at designing, manufacturing and building exceptional products. Melling Performance parts deliver "An Advantage by Design".

Learn more about engine parts on our website.