



2021

NEW PRODUCTS ADDED!

Ford
(Mercury/Lincoln)

Modular Engines

4.6L, 5.0L, 5.4L, 6.2L & 6.8L



2620 Saradan Drive
Jackson, MI 49204
517-787-8172
www.melling.com

Ford Modular Engine V8 & V10 Oil Pumps

Displ.	Year	VIN	Melling O/P		Models
4.6L	1996-03	6	10176, 10176HV	SOHC	Crown Victoria, E150, Expedition, F150-250, Grand Marquis
4.6L	1996-05	9	10176, 10176HV	SOHC	Crown Victoria
4.6L	1993-11	V	10176, 10176HV	SOHC	Crown Victoria, Grand Marquis, Mark VIII, Town Car
4.6L	1991-14	W	10176, 10176HV	SOHC	Cougar, Crown Victoria, E150-250, Expedition, Explorer, F150-250, Grand Marquis, Mountaineer, T-Bird, Town Car
4.6L	1996-04	X	10176, 10176HV	SOHC	Mustang
4.6L	2003-05	H	10227	DOHC	Avator
4.6L	2003-04	R	10227	DOHC	Mustang
4.6L	1996-01	V	10227	DOHC	Mustang, Continental, Mark VIII
4.6L	2003-04	Y	10227	DOHC	Mustang
4.6L	2005-10	8	10340, 10340-BR, 10341	SOHC	Explorer, Explorer Sport Trac, F150, Mountaineer
4.6L	2005-10	H	10340, 10340-BR, 10341	SOHC	Mustang, Lobo
5.0L	2011-17	F	10396, 10396-BR	DOHC	F150, Mustang
5.0L	2012-13	U	10396, 10396-BR	DOHC	Mustang
5.4L	2004-14	5	10340, 10340-BR, 10341	SOHC	Expedition, F150, F150SD, F250SD, F350SD, Mark LT, Navigator
5.4L	2006-10	V	10340, 10340-BR, 10341	SOHC	F150
5.4L	2004	L	10340, 10340-BR, 10341	SOHC	F250SD, F350SD, F450SD
5.4L	2004	M	10340, 10340-BR, 10341	SOHC	F150 Heritage
5.4L	2004	Z	10340, 10340-BR, 10341	SOHC	F150 Heritage
5.4L	2005-12	S	10340, 10340-BR, 10341	DOHC	GT, Mustang Shelby GT 500
6.2L	2010-15	6	10397-BR	SOHC	F150, F250SD, F350SD
6.8L	1997-19	S	10176, 10176HV	SOHC	E350, E450, E550, Econoline SD, Excursion, F250SD, F350SD, F450SD, F550SD, F53
6.8L	2005-19	Y	10176, 10176HV	SOHC	F250SD, F350SD, F450SD, F550SD, F53, F59

Interchange:	Ford OE	Melling Stock O/P	Melling HP O/P	
	5L3Z-6600-AA	M176	10176	Standard Volume, Standard Pressure
	N/A	M176HV	10176HV	High Volume (+8%), High Pressure, Chrome-Moly Billet Rotors
	F80Z-6600-AA	M227	10227	Standard Volume, Standard Pressure, Chrome-Moly Billet Rotors
	9L3Z-6600-A	M340	10340	Standard Volume, High Pressure (+20 psi)
	9L3Z-6600-A	M340	10340-BR	Standard Volume, High Pressure (+20 psi), Chrome-Moly Billet Rotors
	N/A	M340HV	10341	High Volume (+20%), High Pressure
	9R3Z-6600-A	M360	10340	Standard Volume, Standard Pressure
	9R3Z-6600-A	M360	10340-BR	Standard Volume, Standard Pressure, Chrome-Moly Billet Rotors
	DR3Z-6600-A	M360	10340	Standard Volume, Standard Pressure
	DR3Z-6600-A	M360	10340-BR	Standard Volume, Standard Pressure, Chrome-Moly Billet Rotors
	BL3Z-6600-A	M395	10396	Standard Volume, Standard Pressure
	BR3Z-6600-A	M396	10396-BR	Standard Volume, Standard Pressure, Chrome-Moly Billet Rotors
	AL3Z-6600-AB	M397	10397-BR	Standard Volume, High Pressure (+10 psi), Chrome-Moly Billet Rotors

The above information is intended to be a convenient reference guide for Ford Modular engines. Please consult the appropriate application listing in the Melling catalog for treatment information.



Melling Part Number

Description

10176

Standard volume billet oil pump.
Performance upgrade of the M176.

Melling improved the standard volume Ford Modular SOHC V8 & V10 oil pump with robust Chrome-Moly billet steel rotors. Additional updates to the housing, cover, and components work together to improve the performance and durability of the oil pump. Updating the cover to phosphate coated cast iron improves performance by increasing the pressure tightness of the pump. It can be used in any Ford application that uses Melling's stock replacement M176 oil pump.

Features

- Exclusive Chrome-moly billet steel rotors
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- Standard pressure spring installed
- Threaded pressure relief nut
- Uses 13/16" stock bolt-on oil pickup tube
- Includes O-ring for oil pickup tube assembly



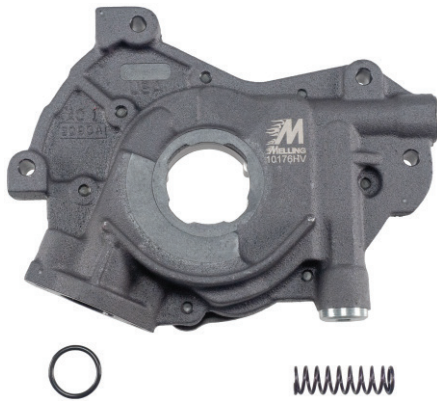


Melling Part Number

Description

10176HV

High volume, high pressure billet oil pump.
Performance upgrade of the M176.
8% higher volume than stock.



In the Melling tradition the Ford Modular SOHC V8 & V10 oil pump has been improved with robust Chrome-Moly billet steel rotors providing more oil flow. Updates to the housing, cover, and components work together to improve performance and durability of the oil pump. Updating the cover material to phosphate coated cast iron improves performance by increasing the pressure tightness of the pump. It can be used in any Ford application that uses Melling's stock replacement M176 oil pump.

Features

- Exclusive Chrome-moly billet steel rotors
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- Standard pressure spring installed
- Threaded pressure relief nut
- Uses 13/16" stock bolt-on oil pickup tube
- Includes O-ring for oil pickup tube assembly



Melling Part Number

Description

10227

Standard volume billet oil pump.
Performance upgrade of the M227.



Melling improved the standard volume Ford Modular DOHC V8 Cobra oil pump. Updates to the housing, cover, and components work together to improve the performance and durability of the oil pump. Updating the cover material to phosphate coated cast iron improves the performance by increasing the pressure tightness of the pump. It can be used in any Ford application that uses Melling's stock replacement M227 oil pump. This pump can be used as a higher volume, high pressure pump (8% increase in flow and 20 psi increase in pressure) for the SOHC applications that use the M176 pump. Please note that the inlet of this pump is 1/8" larger requiring a 15/16" diameter pickup tube.

Features

- Exclusive Chrome-moly billet steel rotors
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- Standard pressure spring installed
- Threaded pressure relief nut
- Uses 15/16" stock bolt-on oil pickup tube
- Includes O-ring for oil pickup tube assembly





Melling Part Number

Description

10340

Standard volume, high pressure oil pump.
Performance upgrade of the M340 & M360

Melling improved the standard volume Ford Modular SOHC & DOHC V8 oil pump. Updates to the housing, cover, and components work together to improve the performance and durability of the oil pump. Updating the cover material to phosphate coated cast iron improves the performance by increasing the pressure tightness of the pump. It can be used in any Ford application that uses Melling's stock replacement M340 or M360 oil pumps.

Features

- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+20 psi) spring installed
- Includes optional standard pressure spring
- Threaded pressure relief nut
- Uses 15/16" stock bolt-on oil pickup tube
- Includes O-ring for oil pickup tube assembly



Melling Part Number

Description

10340-BR

Standard volume, high pressure oil pump.
Performance upgrade of the M340 & M360

This pump has the additional benefit of Chrome-Moly billet steel rotors to improve strength. All the other features of the 10340 pump are carried over to this pump. It can be used in any Ford application that uses Melling's M340 or M360 oil pumps.

Additional Features

- Exclusive Chrome-moly billet steel rotors.





Melling Part Number

Description

10341

High volume, high pressure oil pump.
Performance upgrade of the M340 & M360.
20% higher volume than stock.

In the Melling tradition we have taken the design of our Ford SOHC & DOHC oil pump to the next step. The design changes incorporated into the 10340 have been carried over to this pump. In addition the rotor set for this pump delivers 20% more flow as compared to the standard volume 10340 oil pump. The 10341 pump was engineered specifically for performance applications that demand increased oil flow. It can be used in any Ford application that uses Melling's M340 or M360 with no modifications required to install the pump.

Features

- Exclusive high volume (+20%) rotor design
- Hard coat anodized aluminum housing
- Phosphate coated cast iron cover
- High pressure (+20 psi) spring installed
- Includes optional standard pressure spring
- Threaded pressure relief nut
- Uses 15/16" stock bolt-on oil pickup tube assembly
- Includes O-ring for oil pickup tube assembly



Melling Part Number

Description

10396

Standard volume oil pump.
Performance upgrade of the M395 & M396.

Melling improved the standard volume Ford Modular DOHC Coyote V8 oil pump. It can be used in any Ford application that uses Melling's stock replacement M395 or M396 oil pumps.

Features

- Hard coat anodized housing & cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Threaded pressure relief nut
- Uses 1" stock bolt-on oil pickup tube
- Includes O-ring for oil pickup tube assembly





Melling Part Number	Description
10396-BR	Standard volume oil pump. Performance upgrade of the M395 & M396.

This pump has the additional benefit of Chrome-Moly billet steel rotors to improve strength. All the other features of the 10396 pump are carried over to this pump. It can be used in any Ford application that uses Melling's stock replacement M395 or M396 oil pumps.

Additional Features

- Exclusive Chrome-moly billet steel rotors.



Melling Part Number	Description
10397-BR	Standard volume, high pressure billet oil pump. Performance upgrade of the M397.

Melling improved the standard volume Ford Boss SOHC 6.2L V8 oil pump. Updates to the housing, cover, and components work together to improve the performance and durability of the oil pump. Updating the cover material to phosphate coated cast iron improves performance by increasing the pressure tightness of the pump. This pump has the additional benefit of Chrome-Moly billet steel rotors to improve strength. It can be used in any Ford application that uses Melling's stock replacement M397.

Features

- Exclusive Chrome-Moly billet steel rotors
- Hard coat anodized aluminum housing & cover
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring
- Threaded pressure relief nut
- Uses 15/16" stock bolt-on oil pickup tube assembly
- Includes O-ring for oil pickup tube assembly

