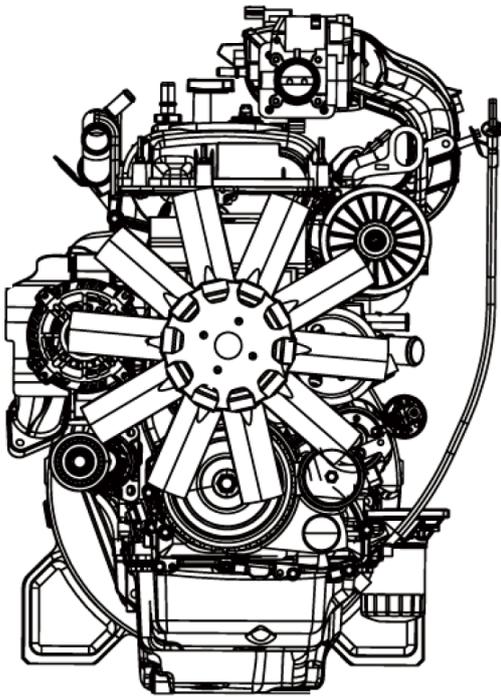


PRODUCT SHEET:

FORD 2.5L ENGINE



FORD MSG-425 EFI

2.5 Liter
4-Cylinder

EMISSIONS INFORMATION

California Air Resources Board (CARB)
Environmental Protection Agency (EPA)
Emission Certified Packages Available

Set-for-life valve train

Deep skirted ribbed cylinder block casting for rigidity

Aluminum AA319 cylinder block

Cast with the Cosworth process

✓ Cast-in-place iron cylinder liners

- ✓ Chain driven dual camshafts with automatic tensioning system
 - ✓ Structural front cover and oil pan
 - ✓ Alternate fuel ready valve train components
 - ✓ Individual coil on plug electronic ignition
 - ✓ Cast aluminum camshaft cover to ensure warp-free sealing
 - ✓ Sintered metal connecting rods
 - ✓ Nodular iron crankshaft, featuring
 - ✓ Five main bearings
 - ✓ Eight counterweights
 - ✓ Broadband knock sensor, calibrated for individual cylinder use
 - ✓ Gasoline Sequential Port Fuel Injection
 - ✓ Closed loop fuel control for all fuels
 - ✓ Electronic engine management system
 - ✓ Built-in engine protection against
 - ✓ Detonation
 - ✓ High coolant temperature
 - ✓ Low oil pressure
 - ✓ Over speed shutdown
 - ✓ Starter lockout
 - ✓ Next generation governing
 - ✓ Discrete speeds
 - ✓ Variable speeds
- Drive by wire



Anticipating needs, meeting demands. Reducing cost.

Sage Parts
30 Hub Drive, Melville, NY 11747
+1.877.SAGE.877 | +1.631.501.1300 Tel
+1.631.501.1619 Fax
info@sageparts.com

www.sageparts.com

PRODUCT SHEET:

FORD 2.5L ENGINE

Specifications

Engine Type	I-4
Bore and Stroke	3.5" x 3.93" (89mm x 100mm)
Displacement	2.5L Liter (152.5 CID)
Compression Ratio	9.7:1
Oil Capacity	7 qts. including filter
Net Weight	351 Lbs. with accessories (159 Kgs.)
Dimensions	L 30.3" x W 23.3" x H 32.6" (769 mm x 589 mm x 828 mm)

Gasoline (corrected per SAE J1349)

Unleaded 87 or 89 octane		
Intermittent Power .....	.84 [HP] @ 3200rpm	(62 [kW] @ 3200rpm)
Continuous power .....	.75 [HP] @ 3200rpm	(56 [kW] @ 3200rpm)
Intermittent Torque .....	.137 [ft-lbs] @3200rpm	(185 [N-m] @ 3200rpm)
Continuous Torque .....	.123 [ft-lbs] @3200rpm	(166 [N-m] @ 3200rpm)

Natural Gas (corrected per SAE J1349)

Fuel Specification			1050 BTU/FT3
Intermittent Power .....	.76 [HP] @ 3200rpm	(56 [kW] @ 3200rpm)	
Continuous power .....	.68 [HP] @ 3200rpm	(50 [kW] @ 3200rpm)	
Intermittent Torque .....	.125 [ft-lbs] @3200rpm	(169 [N-m] @ 3200rpm)	
Continuous Torque .....	.113 [ft-lbs] @3200rpm	(153 [N-m] @ 3200rpm)	

Liquefied Petroleum Gas (corrected per SAE J1349)

Fuel Specification			HD-5
Intermittent Power .....	.80 [HP] @ 3200rpm	(59 [kW] @ 3200rpm)	
Continuous power .....	.72 [HP] @ 3200rpm	(53 [kW] @ 3200rpm)	
Intermittent Torque .....	.131 [ft-lbs] @3200rpm	(177 [N-m] @ 3200rpm)	
Continuous Torque .....	.118 [ft-lbs] @3200rpm	(160 [N-m] @ 3200rpm)	



Anticipating needs, meeting demands. Reducing cost.

Sage Parts
30 Hub Drive, Melville, NY 11747
+1.877.SAGE.877 | +1.631.501.1300 Tel
+1.631.501.1619 Fax
info@sageparts.com

www.sageparts.com