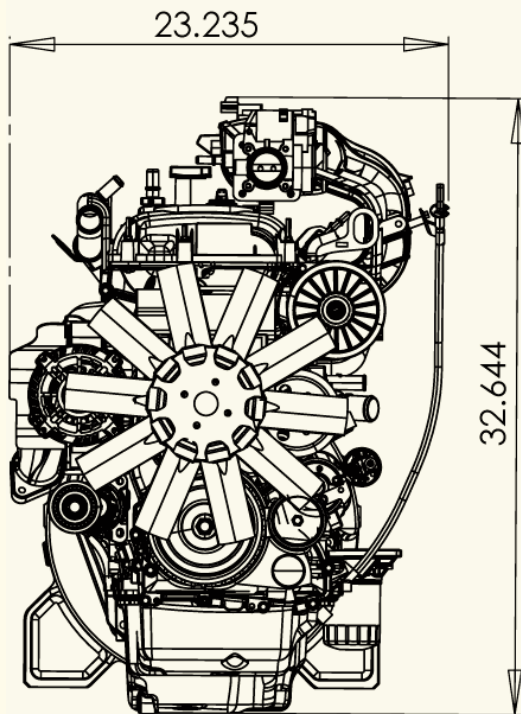
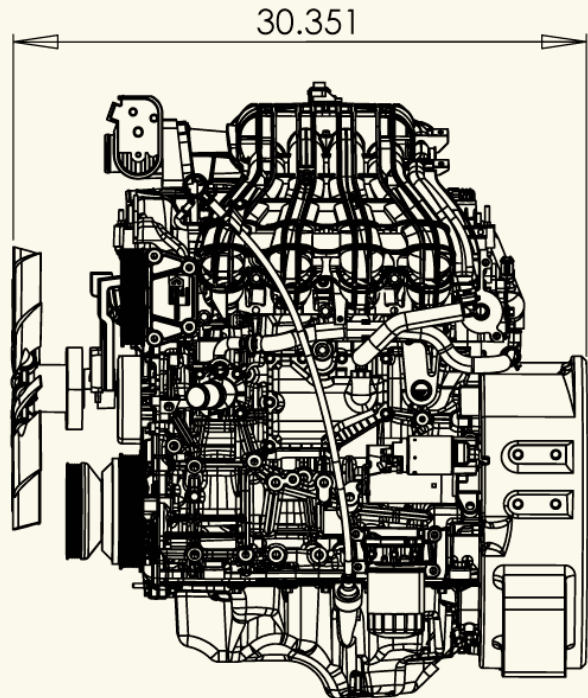


# Installation Drawings

Front End View

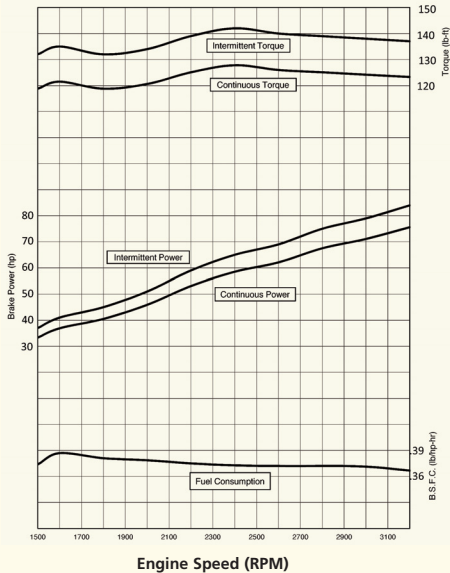


Left Side View

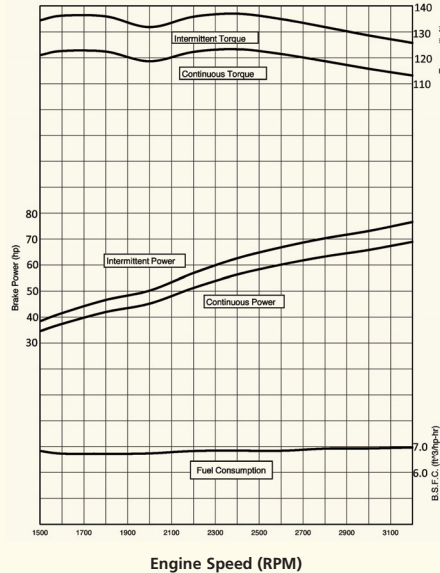


## Power Curves (corrected per SAE J1349)

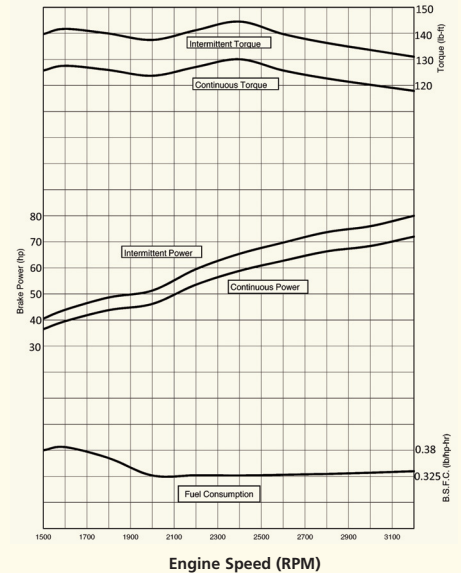
Gasoline



Natural Gas



Liquefied Petroleum Gas



Powertrain Assemblies  
& Components  
Provided By Ford  
Component Sales

For additional information Contact:

**ENGINE  
DISTRIBUTORS  
INC.**



400 University Ct • Blackwood NJ 08012  
856/228-7298 • Fax: 856/228-5531  
[www.edi-dist.com](http://www.edi-dist.com)

# MSG-425<sup>EFI</sup>

## 2.5 Liter 4-Cylinder



### Options

#### Engine Cooling Fans

- 15" (381mm) diameter suction
- 15" (381mm) diameter pusher

#### Flywheels

- 10" (254mm) SAE over-center clutch
- flat face flywheel

#### Flywheel Housings

- SAE #4

#### Exhaust Manifold

- rear dump down

#### Power Steering Pump

#### Wiring Harnesses

#### Discrete Speed Switch

#### Variable Speed Hand Throttle

#### Variable Speed Foot Pedal

#### Engine Mounts

- Automotive with insulators
- Open power unit

#### Electronic Instrument Panel, Gauges

#### Three Way Catalyst / Muffler Standard

### Transmissions

- 6R80 electronic shift
- C6 Mechanical

### Emissions Information

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

### Warranty

Contact Engine Distributors, Inc  
for warranty details.



Powertrain Assemblies  
& Components  
Provided By Ford  
Component Sales

### 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)

### Standard Features / Benefits

Set-for-life valvetrain

Deep skirted, ribbed cylinder block casting for rigidity

Aluminum AA319 cylinder block cast with the Cosworth process,  
including cast-in-place iron cylinder liners.

Chain driven dual camshafts with automatic tensioning system

Structural front cover and oil pan

Alternate fuel ready valvetrain 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 with built-in engine  
protection against detonation, high coolant temperature, low oil  
pressure, over speed shutdown and starter lockout

Next generation governing – discrete speeds, variable speeds,  
drive by wire – using the highest quality components.