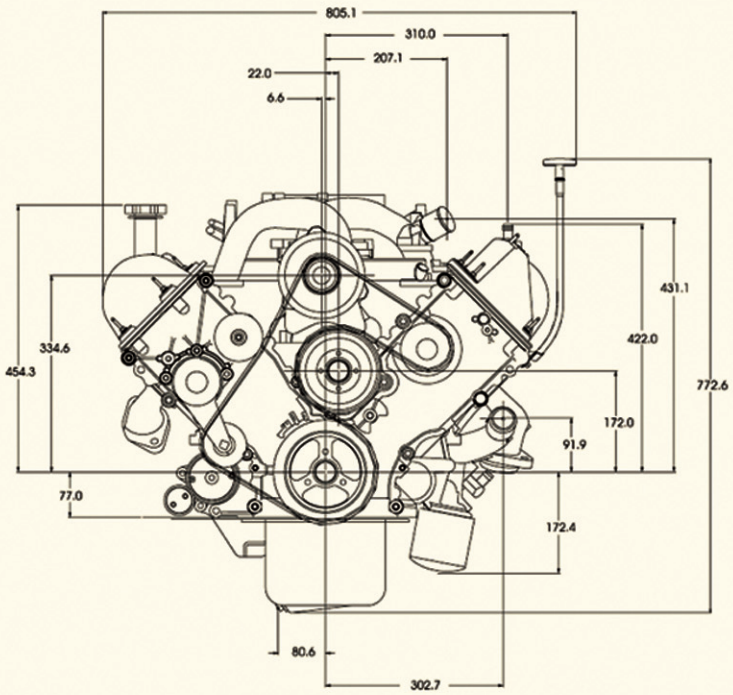
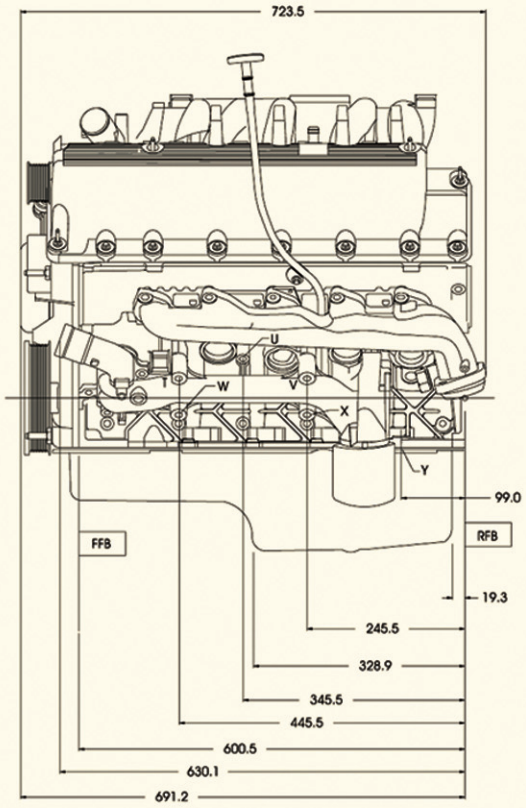
Installation Drawings

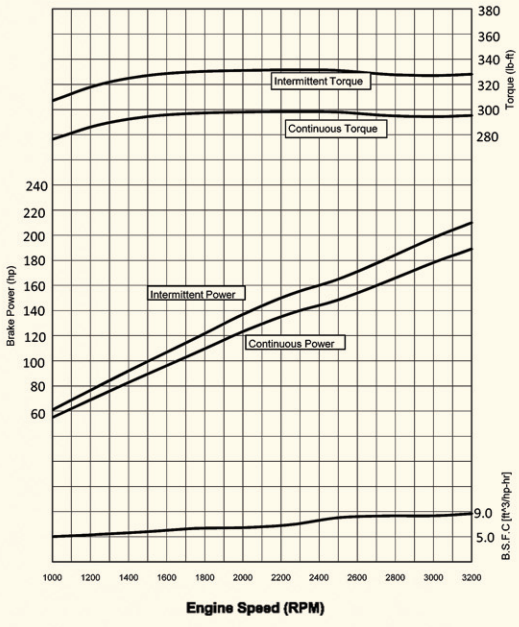
Front End View



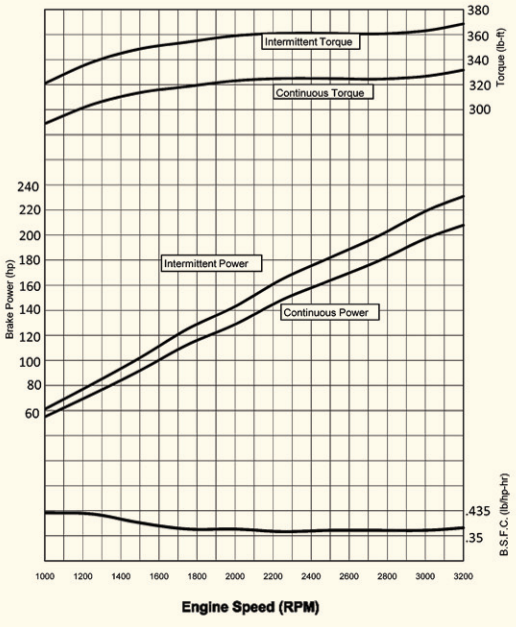
Left Side View



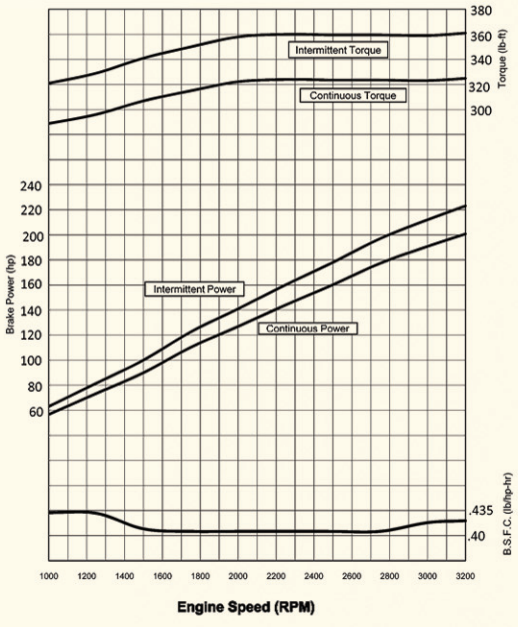
Natural Gas



Liquified Petroleum Gas



Gasoline



Ford Power Products

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

WSG-1068

6.8-Litre 10-Cylinder

Options

Lifting Eyes

Flywheels
- 11.5" (292.1mm) over-center
- 12.0" (304.8mm) Flat-faced

Flywheel Housings
- SAE #3 with feet, without side mounting pads

Clutch
- 12.0" (304.8mm) spring loaded

Generator
- 12V 110 AMP

Stainless Steel Exhaust Manifolds

Starter

FEAD with Single Serpentine Belt

Engine Cooling Fans
- Suction
- Pusher

Wiring Harnesses

Discrete Speed Switch

Variable Speed Hand Throttle

Variable Speed Foot Pedal

Engine Mounts

Electronic Instrument Panel, Gauges

Three Way Catalyst / Muffler

Emissions Information

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

Warranty

Contact Engine Distributors, Inc
for warranty details.

Ford Power Products

Powertrain Assemblies
& Components
Provided By Ford
Component Sales

Specifications

Engine Type	V-10
Bore and Stroke	3.55"x 4.17" (90.2mm x 105.8mm)
Displacement	6.8 Litre (415 CID)
Compression Ratio	9:1
Oil Capacity	6 qts. including filter (4.26 litres)
Net Weight	640 Lbs. (290 Kgs.)
Base Engine Dimensions	H 30.4" x L 28.5" x W 31.7" (772.6 mm x 723.5 mm x 805.1 mm)

Natural Gas (corrected per SAE J1995)

Fuel Specification	1050 BTU/FT3	
Intermittent Power	210 [HP] @ 3200rpm	(156 [kW] @ 3200rpm)
Continuous power	189 [HP] @ 3200rpm	(141 [kW] @ 3200rpm)
Intermittent Torque	329 [ft-lbs] @3200rpm	(446 [N-m] @ 3200rpm)
Continuous Torque	298 [ft-lbs] @3200rpm	(404 [N-m] @ 3200rpm)

Liquefied Petroleum Gas (corrected per SAE J1995)

Fuel Specification	HD-5	
Intermittent Power	230 [HP] @ 3200rpm	(171 [kW] @ 3200rpm)
Continuous power	206 [HP] @ 3200rpm	(153 [kW] @ 3200rpm)
Intermittent Torque	370 [ft-lbs] @3200rpm	(501 [N-m] @ 3200rpm)
Continuous Torque	330 [ft-lbs] @3200rpm	(447 [N-m] @ 3200rpm)

Gasoline (corrected per SAE J1995)

Fuel Specification	Unleaded 87 or 89 octane	
Intermittent Power	222 [HP] @ 3200rpm	(165 [kW] @ 3200rpm)
Continuous power	201 [HP] @ 3200rpm	(150 [kW] @ 3200rpm)
Intermittent Torque	360 [ft-lbs] @3200rpm	(488 [N-m] @ 3200rpm)
Continuous Torque	324 [ft-lbs] @3200rpm	(439 [N-m] @ 3200rpm)

Standard Features / Benefits

Composite Valve Train Covers for reduced noise and resistance to corrosion

Hydraulic Lash Adjusters with Roller Finger Cam Followers for minimal friction and improved performance

Tubular Cams with Powder Metal Lobes for strength and durability

Single Overhead Cams with Silent Timing Chain Drive System for reduced noise and friction, and increased durability

Aluminum Cylinder Heads with Long Reach Mounting Bolts into Main Bearing Bulkhead to maintain resistance to heat distortion

Optimized Combustion Process for reduced emissions and improved efficiency

Stainless Steel Cylinder Head Gaskets for resistance to corrosion and increased cylinder block to cylinder head sealing

Deep Skirted Cast Iron Block for strength and durability

Doweled, Cross-Bolted Four-Bolt Main Bearing Caps for increased strength

Forged Steel Crankshaft for increased strength and durability

Split Pin Crankshaft Journals for smooth engine operation

Powder Metal Connecting Rods for high strength

Hypereutectic Pistons with Teflon Coated Skirts and Low Tension Rings for reduced friction and horsepower requirements

Even Firing Order with Internal Balance Shaft for vibration-free operation

Tuned Split-Plenum Intake delivers significantly more torque and/or power throughout the engine speed range

High Flow Water Pump for maintaining optimum coolant flow

Coil on Plug Ignition System for reliable and effective spark delivery