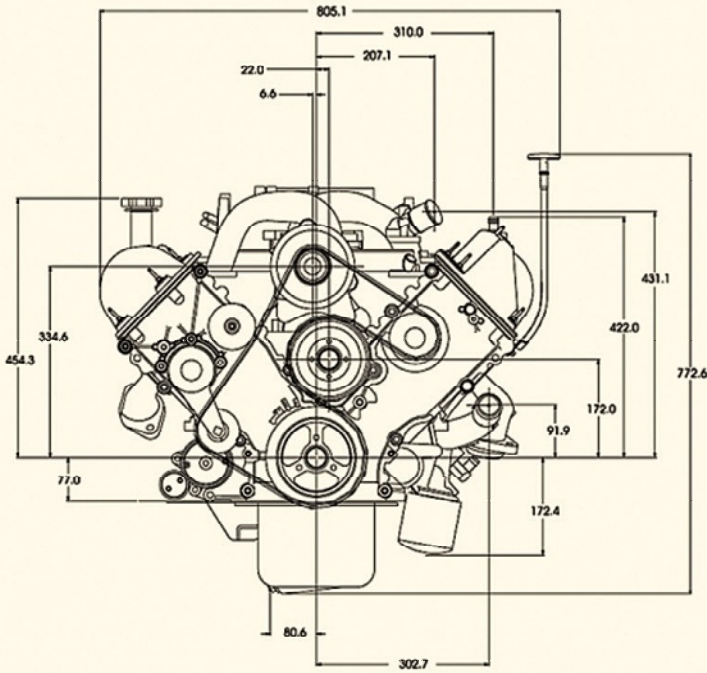
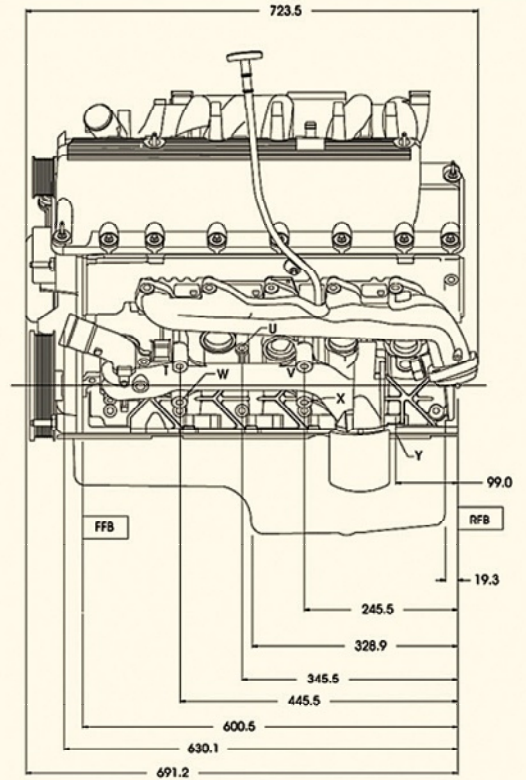


# Installation Drawings

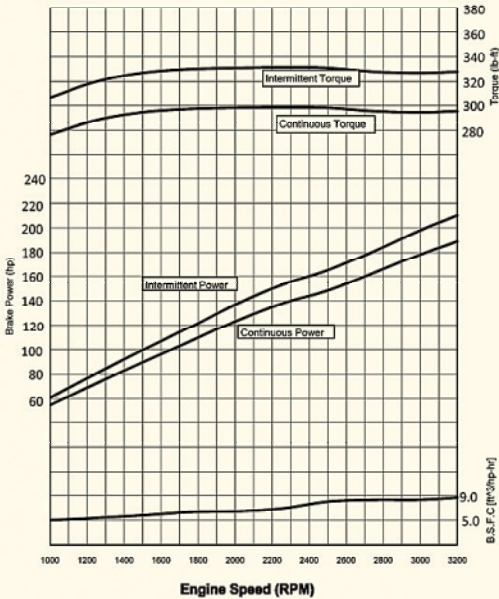
Front End View



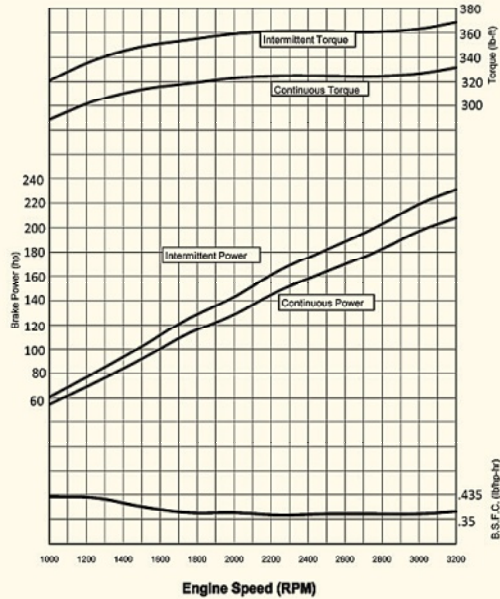
Left Side View



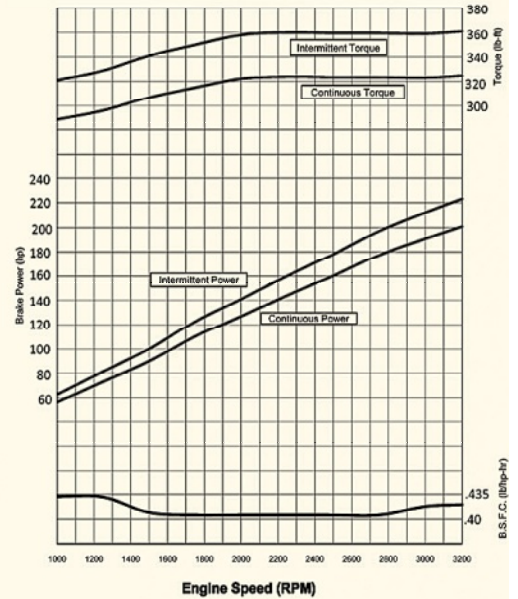
Natural Gas



Liquified Petroleum Gas



Gasoline



Powertrain Assemblies  
& Components  
Provided By Ford  
Component Sales

For additional information Contact:



**M-K POWER PRODUCTS CORP.**  
3500 Laird Road, Unit 2  
Mississauga, Ontario L5L 5Y4  
800 263-5011 / [www.M-K.com](http://www.M-K.com) / [info@m-k.com](mailto:info@m-k.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.



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