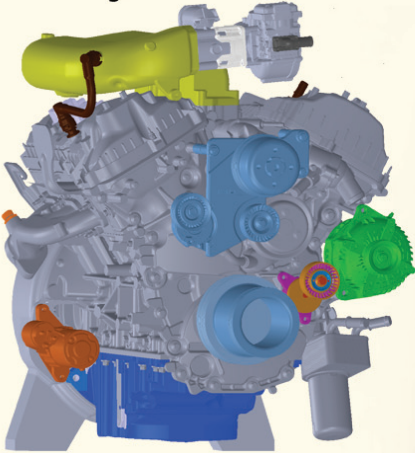


LSG-635 EFI

3.5 Liter 6-Cylinder



Options

Engine Cooling Fans

- 18" (457mm) diameter suction
- 18" (457mm) diameter pusher

Flywheels

- 11.5" (292mm) SAE over-center clutch
- flat face flywheel

Flywheel Housings

- SAE #3

Exhaust Manifold

- rear dump down

Power Steering Pump

Air Conditioning

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

Emissions Information

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

Warranty

Contact Engine Distributors, Inc
for warranty details.



Powertrain Assemblies
& Components
Provided By Ford
Component Sales

Specifications

Engine Type	V-6
Bore and Stroke	3.6" x 3.4" (92.5mm x 86.7mm)
Displacement	3.5L Liter (212 CID)
Compression Ratio	11.8:1
Oil Capacity.....	6 qts. including filter
Net Weight	355 Lbs. with accessories (161 Kgs.)
Dimensions	L 32.4" x W 27.5" x H 33.7" (823 mm x 698 mm x 856 mm)

Gasoline (corrected per SAE J1349)

Unleaded 87 or 89 octane		
Intermittent Power	118 [HP] @ 3200rpm	(88 [kW] @ 3200rpm)
Continuous Power	104 [HP] @ 3200rpm	(77 [kW] @ 3200rpm)
Intermittent Torque	193 [ft-lbs] @ 3200rpm	(262 [N-m] @ 3200rpm)
Continuous Torque	170 [ft-lbs] @ 3200rpm	(230 [N-m] @ 3200rpm)

Natural Gas (corrected per SAE J1349)

Fuel Specification	1050 BTU/FT3	
Intermittent Power	121 [HP] @ 3600rpm	(90 [kW] @ 3600rpm)
Continuous Power	106 [HP] @ 3600rpm	(79 [kW] @ 3600rpm)
Intermittent Torque	248 [ft-lbs] @ 2600rpm	(183 [N-m] @ 2600rpm)
Continuous Torque	218 [ft-lbs] @ 2600rpm	(161 [N-m] @ 2600rpm)

Liquefied Petroleum Gas (corrected per SAE J1349)

Fuel Specification	HD-5	
Intermittent Power	135 [HP] @ 3600rpm	(100.8 [kW] @ 3600rpm)
Continuous Power	119 [HP] @ 3600rpm	(89 [kW] @ 3600rpm)
Intermittent Torque	198 [ft-lbs] @ 2000rpm	(268 [N-m] @ 2000rpm)
Continuous Torque	174 [ft-lbs] @ 2000rpm	(236 [N-m] @ 2000rpm)

Standard Features / Benefits

Set-for-life valvetrain

Deep skirted, ribbed cylinder block casting for rigidity

150 AMP Alternator

Aluminum cylinder block and heads.

Chain driven dual camshafts with automatic tensioning system

Structural front cover and deep sump oil pan

Alternate fuel ready valvetrain components

Individual coil on plug electronic ignition

Four main bolts with side bolts through block for strength
and durability

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.

Variable CAM Timing for intake camshafts - advances or retards
timing to maximize engine power and fuel efficiency

Forged steel crankshaft