

DETROIT DIESEL



SERIES 60 Fire Truck Power

Number of Cylinders	6 Inline	
Air System	Turbocharged Air-to-Air Charge Cooling	
Control	DDEC®	
Specifications	12.7L	14.0L
Bore and Stroke	5.12 in x 6.30 in (130 mm x 160 mm)	5.24 in x 6.61 in (133 mm x 168 mm)
Displacement	778 cu in (12.7 liters)	855 cu in (14.0 liters)
Compression Ratio	17.25:1	16.75:1
Dimensions: (approx.)		
Length	57 in (1448 mm)	57 in (1448 mm)
Width	34 in (864 mm)	34 in (864 mm)
Height	50.1 in (1273 mm)	50.1 in (1273 mm)
Weight (dry)	2630 lbs (1193 kg)	2630 lbs (1193 kg)



Ratings 380 – 515 Horsepower

Maximum HP @ RPM	Peak Torque @ RPM
12.7L	
390 HP @ 1800 RPM	1350FT-LB @ 1200 RPM
380 HP @ 1800 RPM	1350FT-LB @ 1200 RPM
380/390 HP @ 1800 RPM	1350FT-LB @ 1200 RPM
445 HP @ 1800 RPM	1450FT-LB @ 1200 RPM
435 HP @ 1800 RPM	1450FT-LB @ 1200 RPM
425 HP @ 1800 RPM	1450FT-LB @ 1200 RPM
425/445 HP @ 1800 RPM	1450FT-LB @ 1200 RPM
455 HP @ 1800 RPM	1550FT-LB @ 1200 RPM
450 HP @ 1800 RPM	1550FT-LB @ 1200 RPM
445 HP @ 1800 RPM	1550FT-LB @ 1200 RPM
445/455 HP @ 1800 RPM	1550FT-LB @ 1200 RPM
14.0L	
515 HP @ 1800 RPM	1550FT-LB @ 1200 RPM
490 HP @ 1800 RPM	1550FT-LB @ 1200 RPM
455 HP @ 1800 RPM	1550FT-LB @ 1200 RPM
455/515 HP @ 1800 RPM	1550FT-LB @ 1200 RPM
515 HP @ 1800 RPM	1650FT-LB @ 1200 RPM
490 HP @ 1800 RPM	1650FT-LB @ 1200 RPM
470 HP @ 1800 RPM	1650FT-LB @ 1200 RPM
470/515 HP @ 1800 RPM	1650FT-LB @ 1200 RPM

Series 60 Features

Overhead Camshaft

- Maximum fuel injection pressure
- Fewer parts
- Easy to service

One Piece Cylinder Head

- Maximum structural rigidity between the block and head
- Eight head bolts per cylinder create one million pounds of clamp load for unmatched head gasket life

Four Valves Per Cylinder

Short Intake and Exhaust Ports for maximum performance and economy

Unit Fuel Injectors for ease of service and troubleshooting

Variable Output Turbocharger combined with a pulse tuned exhaust manifold for better acceleration at low and medium speeds and improved engine braking performance

DDEC – Detroit Diesel Electronic Controls

The most advanced system available

- Maximizes performance and economy
- Built-in diagnostics
- Self troubleshooting

Detroit Diesel Electronic Controls include state-of-the-art electronics for critical engine functions. The DDEC controls also offer Fire Equipment features such as a pump pressure governing system, pump and roll capability, and dual engine ratings for unique pumping applications.

Exhaust Gas Recirculation (EGR) for maximum fuel economy and performance while meeting the new emissions standards.

Series 60 Continues To Provide The Best Combination Of:

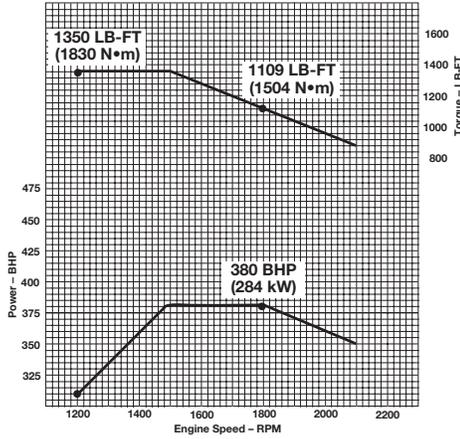
- Performance
- Reliability
- Proven Durability
- High Residual Value
- Flexible Power Ratings
- Excellent Parts And Service Support
- Fuel Economy
- Low Cost Of Operation
- Driver Satisfaction
- Proven Electronics – DDEC

Performance You Can Trust

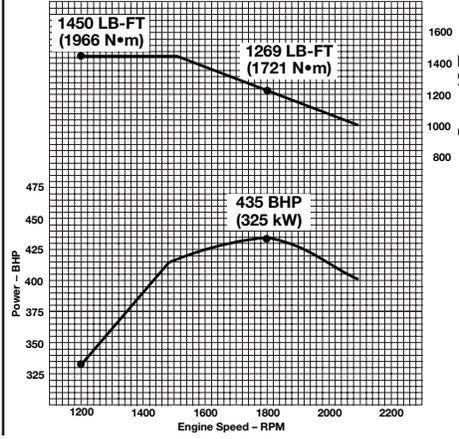
Photograph illustrates a typical automotive engine for fire equipment
Rating conditions of SAE: 77°F (25°C) and 29.31 in Hg (99 kPa) Barometer (Dry)

For a complete listing of standard and optional equipment, consult your distributor or authorized Detroit Diesel Corporation representative.

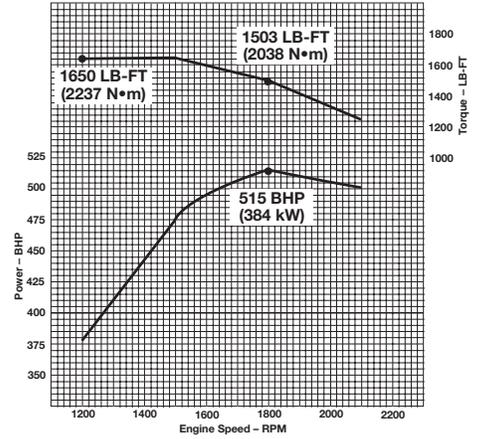
**Series 60 12.7L
380 HP**



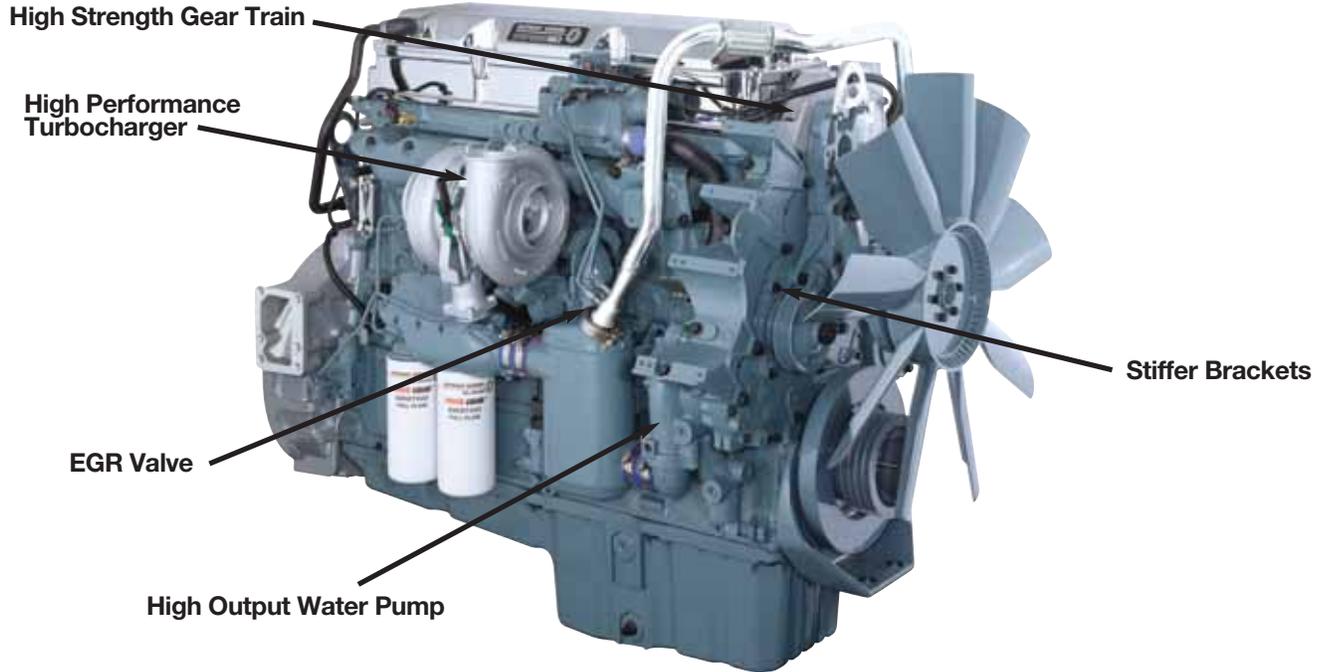
**Series 60 12.7L
435 HP**



**Series 60 14.0L
515 HP**



Series 60 Technology Leadership



DETROIT DIESEL

A DaimlerChrysler Company



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