

**DETROIT DIESEL**  
DEMAND PERFORMANCE™



## The DD15 takes innovation to a whole new level.

This impressive new engine delivers incredible torque response and power, increased fuel economy, extremely long torque range, increased maintenance intervals and a smoother, cleaner ride.

### Incredible Torque Response

- The DD15 delivers 90% peak torque in 1.5 seconds. Here's how:
  - Breakthrough innovation called Amplified Common Rail Fuel System (ACRS™)
  - Simple and reliable pre-EPA '98 non-wastegated and non-variable geometry-style turbocharger
  - Low inertia, dual overhead camshafts

### Increased Fuel Economy

- A 5% fuel savings\* over other leading engines
- Turbo compounding system recovers normally wasted exhaust gases and turns them into usable power without sacrificing fuel

### Extremely Long Torque Range

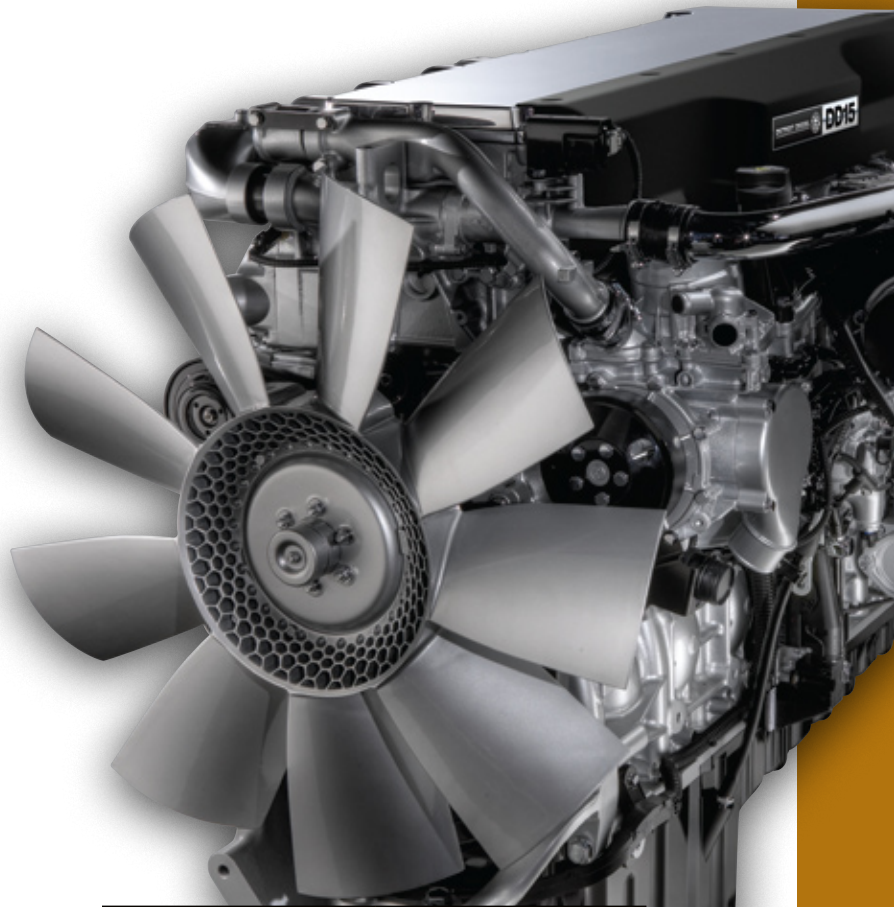
- Pulls down to 1000 RPM
- At just over 1000 RPM, you're at 90% peak torque
- Ultra-long flat torque curve for less shifting

### Smoother, Quieter Engine

- ACRS reduces emissions, noise and vibration
- Rear gear train and ribbed cast iron cylinder block with integrated oil and coolant passages minimize vibration and sound
- Integrated Jacobs® Engine Brake with three levels of braking increases stopping power and reduces noise

### Low Maintenance

- Engine sub-systems are modularly built to simplify parts replacement and maintenance
- All filters are cartridge style and located above the frame rails for easy replacement

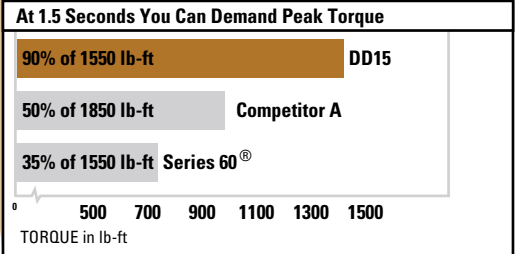
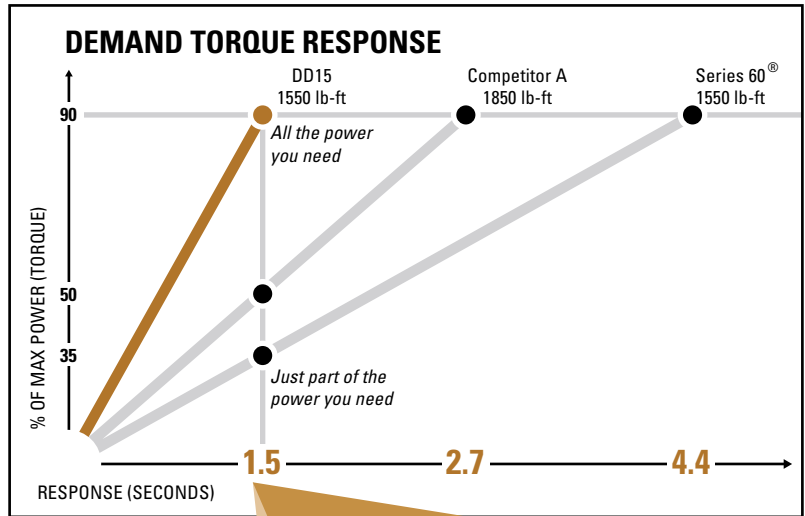
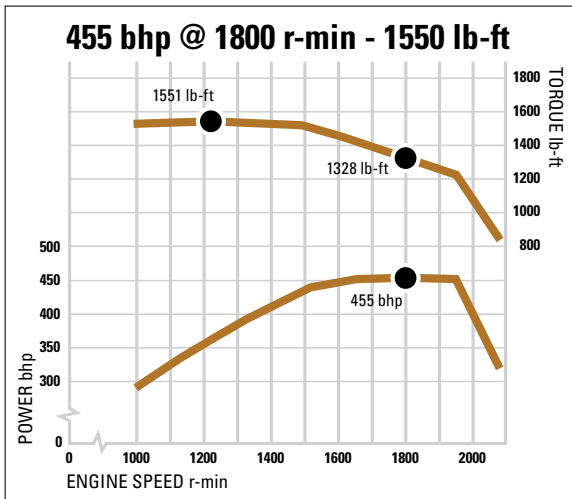


#### DD15 SPECIFICATIONS

Configuration	Inline 6 Cylinder
Displacement	906 cu. in. (14.8 L)
Compression Ratio	18.4:1
Bore	5.47 in. (139 mm)
Stroke	6.42 in. (163 mm)
Weight (Dry)	2880 lb. (1306 kg)
Electronics	DDEC® VI
Oil Capacity	47 qt. (45.7 L)
Horsepower Range	455-560
Torque Range	1550-1850

\* Compared to a Detroit Diesel Series 60 EPA 2007 engine with comparable engine ratings and load weights.

Performance Curve Example



Power Ratings

DD15 Engine Power Ratings	
455 HP @ 1800 RPM	1550 lb-ft @ 1100 RPM
475 HP @ 1800 RPM	1550 lb-ft @ 1100 RPM
455 HP @ 1800 RPM	1650 lb-ft @ 1100 RPM
475 HP @ 1800 RPM	1650 lb-ft @ 1100 RPM
505 HP @ 1800 RPM	1650 lb-ft @ 1100 RPM
515 HP @ 1800 RPM	1750 lb-ft @ 1100 RPM
485 HP @ 1800 RPM	1850 lb-ft @ 1100 RPM
500 HP @ 1800 RPM	1850 lb-ft @ 1100 RPM
530 HP @ 1800 RPM	1850 lb-ft @ 1100 RPM
560 HP @ 1800 RPM	1850 lb-ft @ 1100 RPM
DD15 Engine Cruise Power Ratings	
455/475 HP @ 1800 RPM	1550 lb-ft @ 1100 RPM
455/475 HP @ 1800 RPM	1650 lb-ft @ 1100 RPM
455/505 HP @ 1800 RPM	1650 lb-ft @ 1100 RPM
475/505 HP @ 1800 RPM	1650 lb-ft @ 1100 RPM
485/530 HP @ 1800 RPM	1850 lb-ft @ 1100 RPM
500/560 HP @ 1800 RPM	1850 lb-ft @ 1100 RPM
DD15 Engine Multi-Torque Power Ratings	
455 HP @ 1800 RPM	1550/1750 lb-ft @ 1100 RPM
475 HP @ 1800 RPM	1650/1850 lb-ft @ 1100 RPM

Maintenance Intervals

Maintenance Item	Severe-Duty	Short-Haul	Long-Haul
Engine Oil and Filter Change*	25,000	35,000	50,000
Fuel Filter Change	25,000	35,000	50,000
Initial Valve Lash Adjustment	60,000 mi or nearest scheduled maintenance interval		

\*Based on using Detroit Diesel lube oil and oil analysis program. Severe Duty is up to 30,000 annual miles and a vehicle that averages less than 5 miles per gallon (mpg). Short Haul is between 30,000 and 60,000 annual miles and a vehicle that averages between 5 and 6 mpg. Long Haul is over 60,000 annual miles and a vehicle that averages greater than 6 mpg.

Standard Warranty

Item	Warranty Limits (Whichever Occurs First)		Repair Charge (Paid by Owner)	
	Months	Miles / Kilometers	Parts	Labor
Engine	0-24	Unlimited	No charge	No charge
Injectors	0-24	200,000 mi 320,000 km	No charge	No charge
Upon expiration of the 24-month warranty coverage, but within 500,000 mi / 800,000 km of use, the warranty continues to apply as follows:				
Major Components	25-60	500,000 mi 800,000 km	No charge	Not covered



For more information, call 1-800-445-1980. [www.DetroitDiesel.com](http://www.DetroitDiesel.com)

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