

Detroit Diesel Series 60® Tier 3 Engine Package Available Exclusively for Western Star Off-Road Vocational Applications.

Cut operating costs, increase efficiency and productivity with the Detroit Diesel Series 60 Tier 3 engine in off-road vocational Western Star applications. Western Star is the only OEM in North America to offer this engine package for class 8 trucks.

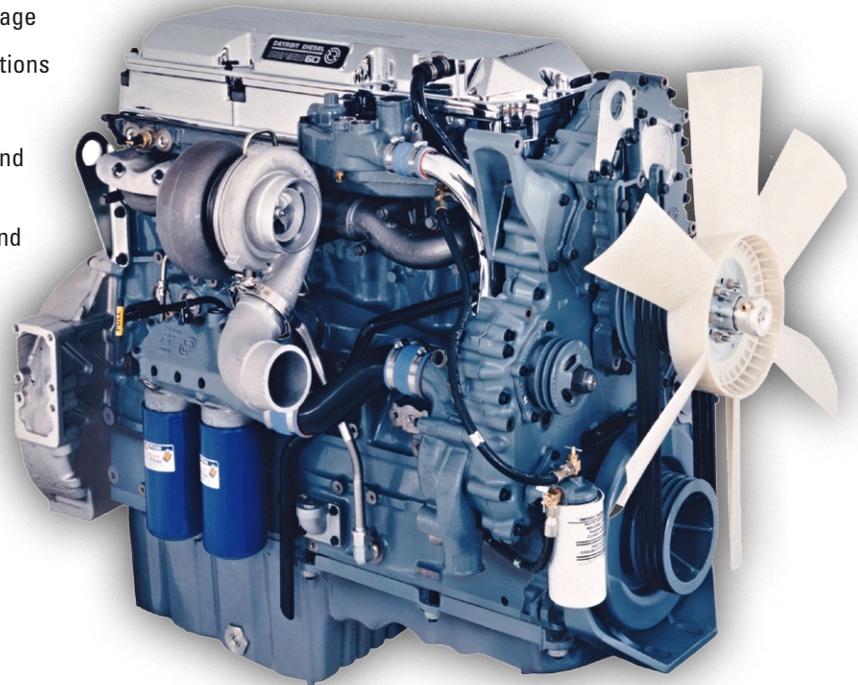
Detroit Diesel Series 60 Tier 3

Key Benefits

- Burns less fuel per hour than an EPA 2007 emissions package
- Simple (less complex) engine design for all off-road operations
- No EGR reduces cooling requirements
- Design eliminates need for potential regeneration at the end of a shift, enhancing efficiencies
- Eliminates maintenance and replacement cost of the DPF and related electronic equipment associated with an EPA 2007 or EPA 2010 emissions package
- Tier 3 engine package provides minimal back-of-cab exhaust protrusion, allowing simple body installation
- 1450, 1570 and 1600 copper brass radiators to meet the demanding environments of our customers (no plastic tanks)
- Available with an Output Retarder to provide more control with heavy loads on long steep grades (Transmission Retarder provides redundancy in braking, preserving the vehicle service brakes for emergency operation)

Off-Road Vocational Applications

- Mining
- Steel mills
- Landfill sites
- Oil/gas support
- Paper mills
- Quarries
- Airports



DETROIT DIESEL



Truck Specifications

Western Star Tier 3 Truck Specifications	
4900 SA / 6900 XD	
LH Drive Only Truck or Tractor Application	
123" BBC / 141" BBC	
16.5 CFM Compressor	
Single RH or Dual Stacks	
Butterfly Hood, Tilt Hood (6900 XD only)	
Raised Cab	
1450 sq. in., 1570 sq. in. and 1600 sq. in. (6900 XD only) Copper Brass Radiator	
46k to 70k Regular or Wide Track Axles; 70k to 110k Planetary Axles	
FEPTO and REPTO Available	
Allison 4500 RDS (Retarder option available) and Manual Transmission	
100% Off-Road Use Only. No travel on any public highways allowed	



Engine Specifications

Series 60 Tier 3 Specifications	
Configuration	6 Cylinder
Displacement	855 cu. in. (14L)
Compression Ratio	16:1
Bore	5.24 in. (133mm)
Stroke	6.61 in. (168mm)
Electronics	DDEC® V
Oil Capacity	42 qt. (40L)
Weight (Dry)	2681 lb. (1216 kg)
Detroit Diesel Series 60 Tier 3 Engine Package (Not Available in California)	

Standard Engine Warranty

Item	Warranty Limits (Whichever Occurs First)		Repair Charge (Paid by Owner)	
	Months	Engine Hours	Parts	Labor
Engine	0-12	No Limit	No charge	No charge
Accessories	0-12	0-2,000	No charge	No charge
Upon expiration of the 12-month warranty coverage, but within 12,000 hours of use, the warranty continues to apply as follows:				
Block, crankshaft and connecting rods (accessories)	13-36	0-12,000	No charge	100% of service outlet's normal charge

Please see your Western Star representative for available extended coverage options.

Engine Power Ratings

Series 60 Tier 3 Power Ratings
425HP/1475 lb-ft
475HP/1550 lb-ft
500HP/1550 lb-ft
550HP/1750 lb-ft manual only
600HP/1900 lb-ft manual only

Maintenance Intervals

Maintenance Item	Hours	Years
Engine Oil	250	1
Oil Filter	250	1
Fuel Filter	250	1



For more information on Western Star, call 1-866-850-STAR (7827) or visit www.WesternStar.com
 For more information on Detroit Diesel, call 1-800-445-1980 or visit www.DetroitDiesel.com