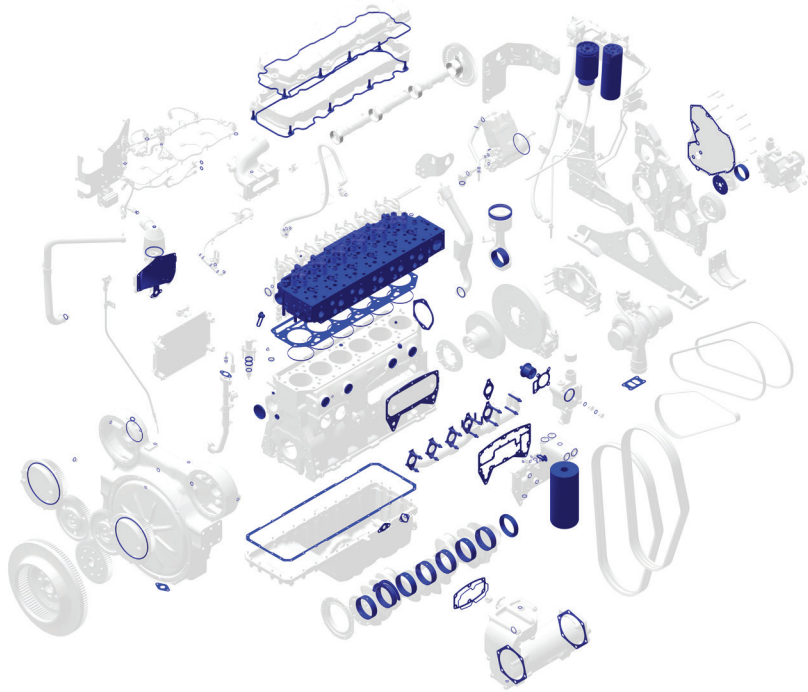


D6R/T C9 Engine Repair Options



Level 1 Reseal Rebearing

- >> Extends life of the engine before failure
- >> Reduces oil consumption/smoke
- >> Improves starting ability
- >> Restores power
- >> Restores fuel consumption level

INCLUDES

NEW PARTS INSTALLED

- Coolant temperature regulator
- Crankshaft thrust plates
- Exhaust manifold studs/locknuts
- Freeze plugs
- Gaskets & seals
- Main bearings & rod bearings
- Piston rings
- Turbocharger (mounting) studs/locknuts
- Fuel filters
- Cat Reman cylinder head

INSPECT OR TEST

- Camshaft
- Cooling system
 - Cooling fan
 - Coolant hoses
 - Radiator
- Crankshaft
- Cylinder block
- Engine mounts
- Engine oil cooler
- Engine oil pump
- Exhaust & intake manifolds
- Fan drive, pulleys, belts & belt tensioner
- Flywheel & ring gear

INSPECT OR TEST (CONTINUED)

- Front gear train
- Fuel injectors
- Fuel transfer pump & fuel lines
- Fumes disposal & clamps
- Liner protrusion & condition
- Piston spray jets
- Pushrods, lifters & spring guides
- Rocker arm assemblies
 - Intake & Exhaust
 - Rocker arm Shaft
- Turbocharger , aftercooler / hoses & clamps
- Unit injection hydraulic pump
- Valve springs, intake valves, seats & guides
- Vibration damper
- Wiring harnesses, switches & sensors

SERVICES PERFORMED

Operational test to include:

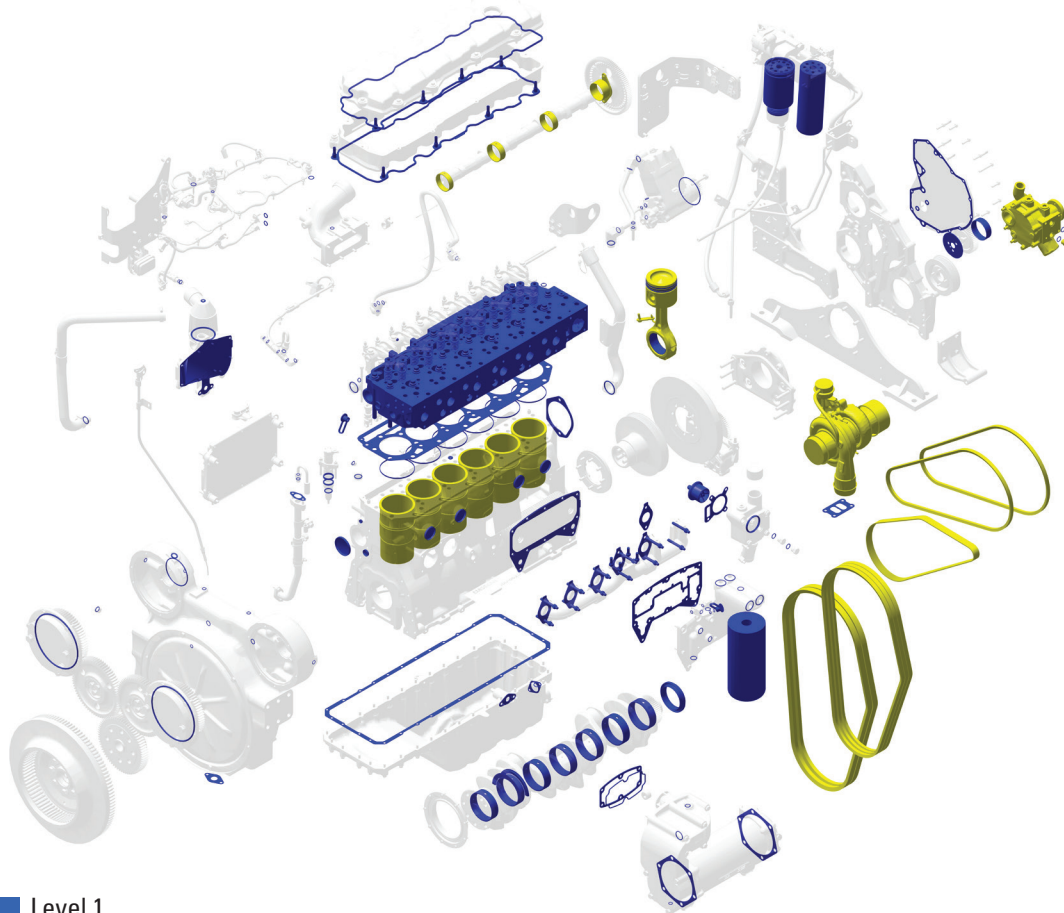
- Fill lube system by pressurizing the engine oil passages with 15/40 wt oil
- Steam clean engine

WARREN

CAT

D6R/T C9 Engine Repair Options

Repairs	In-Frame	Out-of-Frame
	Level 1	Level 2
Warranty includes 12 Months Unlimited Hours for Parts and Labor on all parts replaced	X	X
Coolant temperature regulator	X	X
Crankshaft thrust plates	X	X
Exhaust manifold studs/locknuts & exhaust sleeves	X	X
Gaskets & seals for components that are removed	X	X
Main bearings & rod bearings	X	X
Piston rings	X	X
Cylinder head with Cat Reman	X	X
Camshaft bearings		X
Replace cylinder pack assemblies with Cat Reman		X
Replace water pump with Cat Reman		X
Replace turbo with Cat Reman		X
Accessory belts		X



■ Level 1
■ Frame Level 2

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