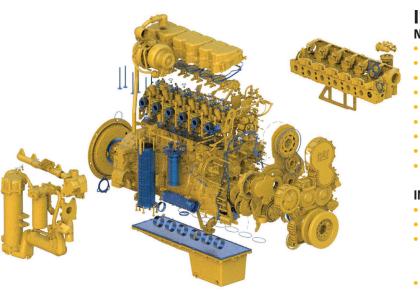
## **320D C6.4** Engine Repair Options



#### Level 1 Reseal Rebearing

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

### \$

Warranty	
•••••	
Contact Phone No.	
Date	
Model	
INIOUGI	
Serial No.	
Total Estimated Price	
Sales Person	
Contact Phone No.	
<b>Turn Around Time</b>	
	(SMCS code 02A for Level 1, 02B for Level 2)

#### INCLUDES NEW PARTS INSTALLED

- Camshaft bearings
- Crankshaft thrust plates
- Exhaust manifold studs/locknuts
- Freeze plugs
- Gaskets & seals
- Main & rod bearings
- Serpentine belt
- PM Service oil filter
- Inlet & exhaust valves

#### **INSPECT OR TEST**

- Camshaft
- Connecting Rods
- Cooling system
- Cooling fan Radiator
- Coolant hoses Water Pump
- Crankshaft
- Cylinder block & bore condition
- Engine mounts
- Engine oil cooler
- Exhaust & intake manifolds
- Fan drive, pulleys, belts & belt tensioner
- Flywheel & ring gear
- Front gear train
- Fuel injection pump & lines
- Fuel injectors
- Fumes disposal & clamps
- Integral oil pump
- Piston spray jets
- Pushrods & tappets
- Rocker arm assemblies
  - Intake & Exhaust
  - Rocker arm Shaft
- Turbocharger , aftercooler / hoses & clamps
- Valve springs, seats & guides
- Vibration damper
- Wiring harnesses, switches & sensors





# **320D C6.4 Engine Repair Options**

BASIC REPAIR ADD-ONS		*after Estimated Charge
Pistons	New	\$
Water pump	Reman	\$
Fuel Injectors	Reman	\$
Fuel Injection Pump	Reman	\$
Oil Pump	New	\$
Turbocharger	New	\$
Oil Cooler	Reman	\$

\* Estimated Charge for defined scope of work valid until date specified.

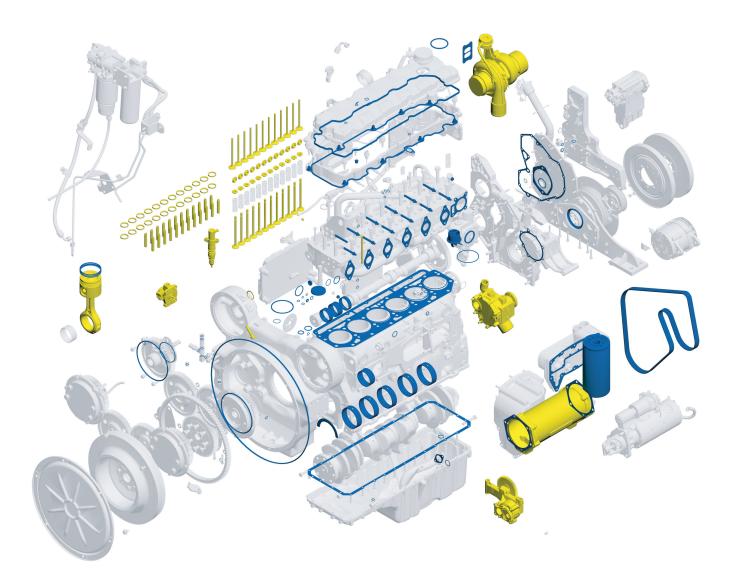
ADDITIONAL CHARGES - Quoted after inspection	Description
Engine removal and installation	
Air condition compressor repairs	
Hydraulic pump repairs	
Electrical repairs	
Radiator, engine/hydraulic oil cooler, aftercooler repairs	
Hoses, Belts and Lines	
Integral oil pump parts other than bearings, seals and gaskets	
Reconditioning inspected major wear parts that do not meet reuse and salvage guidelines	Eg. Crankshaft, camshaft, rocker assembly, valve guides, etc.
Damaged castings	Cylinder block, cylinder head, front cover, rear housing, flywheel housing, flywheel, oil pan)
Damaged remanufactured cores or Non-Cat cores	
Electrical repairs	
Engine mounts	
Exhaust heat shields	
Exhaust & intake manifolds	
Fan drive	
Front gear train	
Starter & alternator	
Wiring harnesses	
Pulley(s) & vibration damper	
Transmission & hydraulic oil cooler	
Machine work	

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