



NAVISTAR® DT-466E DIESEL ENGINE

DT-466 Engine Applications

DT-466 diesel engines are configured for International delivery trucks, garbage trucks, dump trucks and school buses.

About the DT-466

- DSG replaces 100% of pistons, rings, bearings, bushings, gaskets and seals.
- All heads get new valves and are vacuum tested to ensure the quality of the valve job. All heads are pressure tested and upgraded to the latest style valve seal.
- DSG grinds 100% of camshafts' lobes.
- All connecting rods are de-magnetized.
- OEM components are used in injection pumps.
- Core plugs are 100% stainless steel to avoid corrosion.
- Blocks, heads and crankshafts are 100% magnaflux tested to avoid cracked components.
- Blocks are resurfaced and have counterbores remachined to ensure proper sleeve protrusion and head gasket sealing.
- Connecting rods have new bushings installed and both large and small end are remachined to OEM specifications.
- Crankshaft is checked for size, reground, if necessary, and polished to OEM specifications.

With New OEM HEUI Injectors

As quality enhancement, DSG installs new HEUI injectors on all DT466E complete drop-in engines. These new injectors from the OE manufacturer have tungsten coated plungers (the pumping element in the injector), which is an improvement over some earlier OE injectors.



Dyno Testing

All complete drop-in engines are 100% dyno tested prior to shipment. Computer controls ensure that each engine dyno test is conducted under standard, repeatable settings. Every engine is run through a warm up cycle; three separate segments simulating light, medium and heavy throttle conditions; maximum torque and horsepower tests; both high and low idle tests; and a black light leak detection test with dyed oil, coolant and fuel.



Long Block Supreme Includes:

- Block
- Rods
- Oil Cooler
- Valve Cover
- Water pump (no pulley)
- Piston/sleeve assemblies
- Timing gears
- Front cover & seal
- Gasket set
- Thermostat housing
- Damper & pulley assembly
- Crankshaft
- Oil pan
- Oil pump
- Pickup tube
- Valve train
- Camshaft
- Head
- Oil filter
- Thermostat
- Water filter
- Front Engine Mount

Complete Drop-In Includes:

- Air crossover tube*
- Intake manifold**
- Dipstick guide (lower portion)
- Camshaft Position Sensor
- Complete fuel system (NEW Heui injectors, high & low pressure lines, high pressure pump & fuel filter assembly)
- Turbocharger
- Exhaust manifolds

* Where required

** Part of the valve cover on the E series

Warranty Coverage

On-Road Complete Drop-In Configurations

2 yr/unlimited mileage. 2nd year long block coverage only.

Off-Road Complete Drop-In Configurations

1 yr/2,000 hours.

Some restrictions apply, see limited warranty details or call for more information.

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