

PRODUCT SHEET:

RAMPTECH® CUMMINS® 4B/3.9L DIESEL ENGINE



ENGINE OVERVIEW

The 4B/3.9L Cummins is a popular engine used in various GSE applications, most popular of which are Baggage Tractors and Belt Loaders. You will also see step van applications and other mid-sized commercial vehicles using this model engine.

RAMPTECH's engine builders utilize torque plating methods for boring and honing to ensure block straightness, which reduces break-in time. In addition, our builders use OEM or equivalent pistons, rings, bearings, valves and gaskets, making sure that this engine will stand the test of time.

TO PLACE AN ORDER

Before calling to request price and availability, please gather the following information:

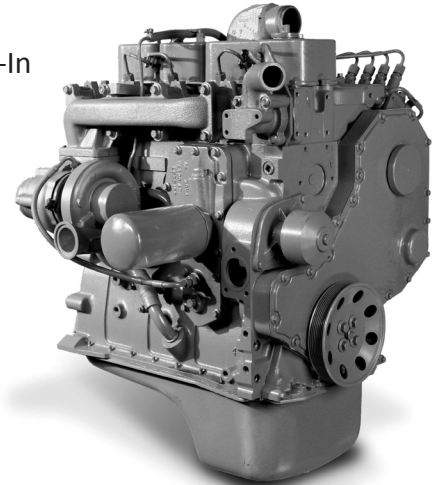
- The original engine serial number
- The original engine CPL number
- The equipment make and model

The CPL and serial numbers are located on the injection pump side of the engine on the front gear cover.

DYNAMOMETER TESTING

All of RAMPTECH's Complete Drop-In engines are 100% dyno tested prior to shipment. Computer controls ensure

4B Complete Drop-In



that each engine dyno test is conducted under standard, repeatable settings.

During this process every engine is run through a warm up cycle, three separate loading 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.

COMPLETE DROP-IN INCLUDES:

Complete long block assembly consisting of block and heads fitted with the following bolt on items

- Front gear housing
- Oil cooler
- Valve cover(s)
- Gasket set
- Gear cover and seal
- Thermostat
- Fuel filter assembly
- Turbocharger
- Exhaust manifold
- Oil pan
- Rear cover and seal
- Oil filter assembly
- Water pump
- Crankcase breather
- Thermostat housing
- Complete fuel system
- Damper pulley
- Intake cover and connection
- Air crossover tube if required



Anticipating needs, meeting demands. Reducing costs.



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