# **PRODUCT BULLETIN**

# Cummins<sup>®</sup> ISB & ISB02 5.9L HP Common Rail Diesel Engines – **Dodge/RAM Applications**



#### LONG BLOCK INCLUDES (ISB/ISB02):

 Block Rods

Head

- Crankshaft
  - Oil pump
  - Cam gear
    - Camshaft
  - Front gear housing
- Rear cover & seal
- Oil filter assembly

Piston assemblies

• Water pump

Crank gear

- Side cover/crankcase breather (ISB only)
- Valve train (lifters, pushrods & rocker arms)
- Front cover, (ISB02 Only)
- Injection pump gear, (ISB02 Only)
- Oil pan

# **COMPLETE DROP-IN INCLUDES (ISB02):**

ALL PARTS ON THE LONG BLOCK PLUS

- High pressure fuel pump
- Low & high pressure lines
- Valve cover
- Injectors
- Fuel filter
- Intake cover & intake connection
- Damper pulley
- Turbocharger
- Exhaust manifold
- Sensors & switches

ARP head studs are an available upgrade with this engine. The studs help to mitigate the head gasket issues common in these engines.

### **APPLICATIONS**

Reviva provides a long block supreme for both the ISB and the High Pressure Common Rail Injected (HPCRI) Engines and a Complete Drop-In for the ISB02 for Dodge/RAM applications.

#### ISB

Year Models: 1998-2002

CPL(s): 2024, 2098, 2280, 2415, 2495, 2496, 2519, 2516, 2517, 2616, 2617, 2619, 2661, 2662, 2865, 2866, 2902, 2903, 2904, 2906, 2907, 8030, 8031, 8032, 8034

#### **ISB02 (HPCRI)**

Year Models: 2002-2007

CPL(s): 1000, 1091, 2624, 2998, 8212, 8213, 8226, 8228, 8344, 8345, 8346, 8347, 8348, 8350, 8351, 8410, 8421, 8423

All Reviva engines are assembled in the USA.

Reviva utilizes torque plating methods for boring and honing to ensure block straightness, which reduces break-in time and crankcase pressure. In addition, Reviva uses OEM or equivalent pistons, rings, bearings, valves and gaskets, making sure that this engine will stand the test of time.

#### **REVIVA'S TESTING**

All of Reviva's Long Block engines are 100% SIM tested prior to shipment. The engines are brought up to roughly 400 RPM to test compression, proper oil pressure and any noises. SIM testing also allows the engine's lifters to be pumped up which aids in eliminating any start up tapping. In addition to SIM testing all of our Long Blocks undergo a coolant system pressure test to check for leaks.

All of Reviva's Drop-In engines are 100% Dyno tested prior to shipment. Computer controls ensure that each engine Dyno test is conducted under standard, repeatable settings.

# **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 CPL and serial numbers for the ISB are located on the injection pump side of the engine on the front gear cover. The CPL and serial numbers for the ISB02 engine is located on the side or front of the valve cover. The serial number is also stamped on the cylinder block above the oil cooler assembly.

# WARRANTY COVERAGE

On-Road Complete Drop-In configurations: 2 year/unlimited mileage.\* Long Block configurations: 1 year/unlimited mileage. Motorhome/RV Applications: 1 year parts only (No labor or diagnostic reimbursement)

Some restrictions apply; see limited warranty details or call for more information. \*2nd year long block coverage only.

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