

Engine and Gearbox Sealing

Excel Cup

This document outlines the Excel Cup engine & gearbox sealing requirements to be performed BEFORE the sealer arrives.

Please ensure all parts are clean and the engine is ready for complete assembly, with all machining finished.

Gearbox Sealing Requirements

1. Gearbox must be removed from the vehicle with no driveshaft cups installed
2. Two Bolts to the right of the drain plug are to be drilled with a 2mm drill bit. (See photos in CERA Technical Guide).

Engine Sealing Requirements

1. Short Block to be fully assembled, minus the sump. Sealer will ask for one random piston to be removed for inspection.
2. Cylinder head to be assembled minus the camshafts, intake and exhaust manifold. Sealer will ask for two random valves to be removed for inspection.
3. Crankshaft position sensor to be removed.
4. Cylinder head and block drilled in the correct location with a 2mm drill bit. (See photos in CERA Technical Guide).
5. Two Camshaft cap bolts drilled with a 2mm drill bit. (See photos in CERA Technical Guide).
6. Two Timing Cover / Oil pump mounting bolts drilled with a 2mm drill bit. (See photos in CERA Technical Guide).

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Cost

Complete engine sealing \$200.

Gearbox sealing \$50.

Travel cost \$50 if the location is within one hour of Maida vale, WA. Additional travel fee's apply for further distances.

You are welcome to take the engine / gearbox to the sealers workshop. Location below.

Additional Information

Sealer will bring all of the measuring equipment.

Sealer can provide a Valve Spring Compressor to suit the Excel head.

Sealer is NOT to disassemble or assemble any part of the engine or gearbox.

Sealer Contact Information

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