Disassembly and Assembly

3054 Engine for Caterpillar Built Machines

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Crankshaft Rear Seal - Remove

SMCS - 1161-011

Removal Procedure

Start By:

   a. Remove the flywheel. Refer to Disassembly and Assembly, "Flywheel - Remove".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Caterpillar Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Caterpillar products.

Dispose of all fluids according to local regulations and mandates.

Engines with 14 Bolt Housing Assembly
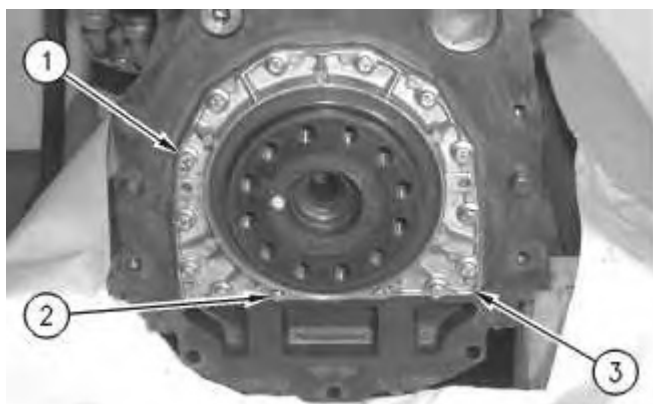

Illustration 1   g00632744

The flywheel housing has been removed for photographic purposes only.

1. Remove bolts (1) from housing (3).

2. Remove socket head bolts (2) from housing (3).

3. Remove the crankshaft rear seal, the gasket, and housing (3) from the dowels in the cylinder block.

Engines with 10 Bolt Housing Assembly

Note: The 10 bolt housing assembly is manufactured as a one-piece assembly. The 10 bolt housing assembly is NOT adaptable to engines that have the 14 bolt housing assembly.
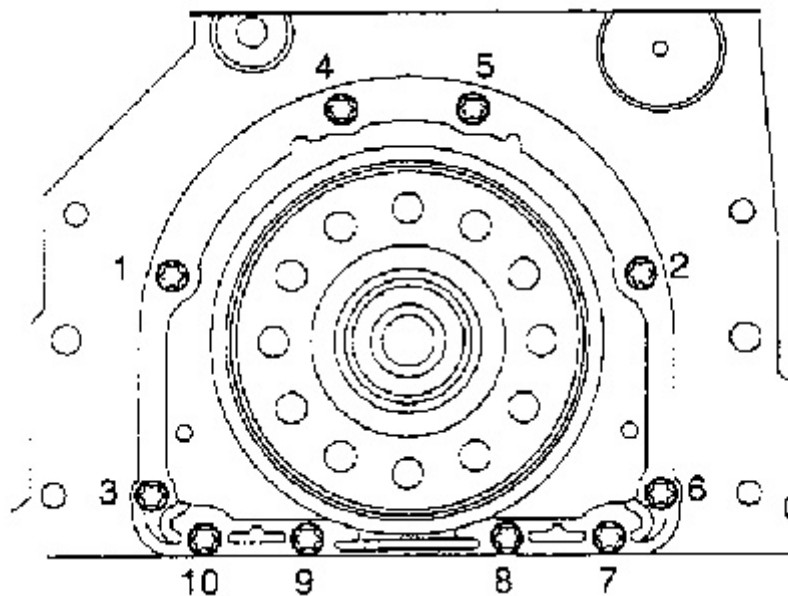

Illustration 2   g00830867

1. Remove the bolts in reverse order of the numbered sequence. Refer to Illustration 2.

2. Remove the one-piece housing assembly from the cylinder block.

Thank you very much for your reading.