



Service Repair Manual

Models

436B BACKHOE LOADER

Product: BACKHOE LOADER

Model: 436B BACKHOE LOADER 6MJ

Configuration: 436B BACKHOE LOADER 6MJ00001-UP (MACHINE) POWERED BY 3054 ENGINE

Disassembly and Assembly

3054 Engine for Caterpillar Built Machines

Media Number -SEN6241-13

Publication Date -01/08/2008

Date Updated -04/08/2008

i01744128

Housing (Front) - Remove

SMCS - 1151-011

Removal Procedure

Start By:

- a. Remove the engine oil pan. Refer to Disassembly and Assembly, "Engine Oil Pan - Remove and Install".
- b. Remove the front gear group. Refer to Disassembly and Assembly, "Gear Group (Front) - Remove".
- c. Remove the camshaft gear. Refer to Disassembly and Assembly, "Camshaft Gear - Remove and Install".

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.

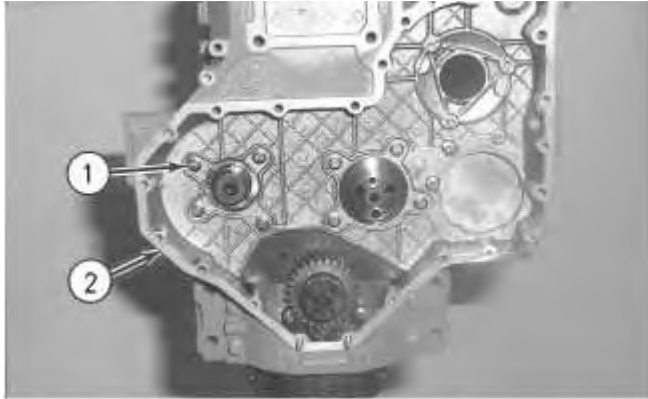


Illustration 1

g00549819

1. Remove all bolts (1) that fasten the front housing (2) to the cylinder block.



Illustration 2

g00549821

2. Remove bolts (3) that hold the oil pan to the bottom of front housing (2).
3. Remove front housing (2) and the gasket.

Product: BACKHOE LOADER

Model: 436B BACKHOE LOADER 6MJ

Configuration: 436B BACKHOE LOADER 6MJ00001-UP (MACHINE) POWERED BY 3054 ENGINE

Disassembly and Assembly 3054 Engine for Caterpillar Built Machines

Media Number -SEN6241-13

Publication Date -01/08/2008

Date Updated -04/08/2008

i06815567

Housing (Front) - Install

SMCS - 1151-012

Installation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	-	Loctite Gasket Sealant No. 2	-

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

1. Replace the gasket.
 2. Apply Tooling (A) to the bottom portion of the gasket.
-



Illustration 1

g00549821

3. If necessary, install the studs (not shown) to the back of the front housing (2) that holds the fuel injection pump in position. Tighten the studs to a torque of 11 N·m (97 lb in). Install the gasket and front housing (2). Cut the gasket to the correct length, if necessary.
4. Install bolts (3) that hold the engine oil pan to the bottom of the front housing. Tighten the bolts to a torque of 22 N·m (16 lb ft).

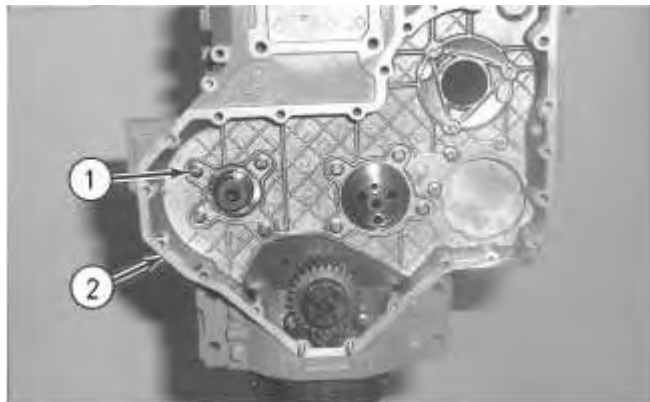


Illustration 2

g00549819

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com