



Service Repair Manual

Models

330F Mobile Hydraulic Excavator

Product: MOBILE HYD POWER UNIT

Model: 330F MOBILE HYD POWER UNIT B32

Configuration: 330F Mobile Hydraulic Power Unit B3200001-UP (MACHINE) POWERED BY C7.1 Engine

Disassembly and Assembly

C7.1 Engines for Caterpillar Built Machines

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i06649496

Flywheel Housing - Remove and Install

SMCS - 1157-010

Removal Procedure of Type E Flywheel Housing

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	-	Guide Studs M10 by 100 mm	2

Start By:

- Remove the flywheel. Refer to Disassembly and Assembly, "Flywheel - Remove" for the correct procedure.

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

- There are five types of flywheel housing that can be installed on the engine. The removal procedures for all types of flywheel housing are similar but all the installation procedures are different.

Ensure that you use the correct procedure and the correct grades of bolts for your application.

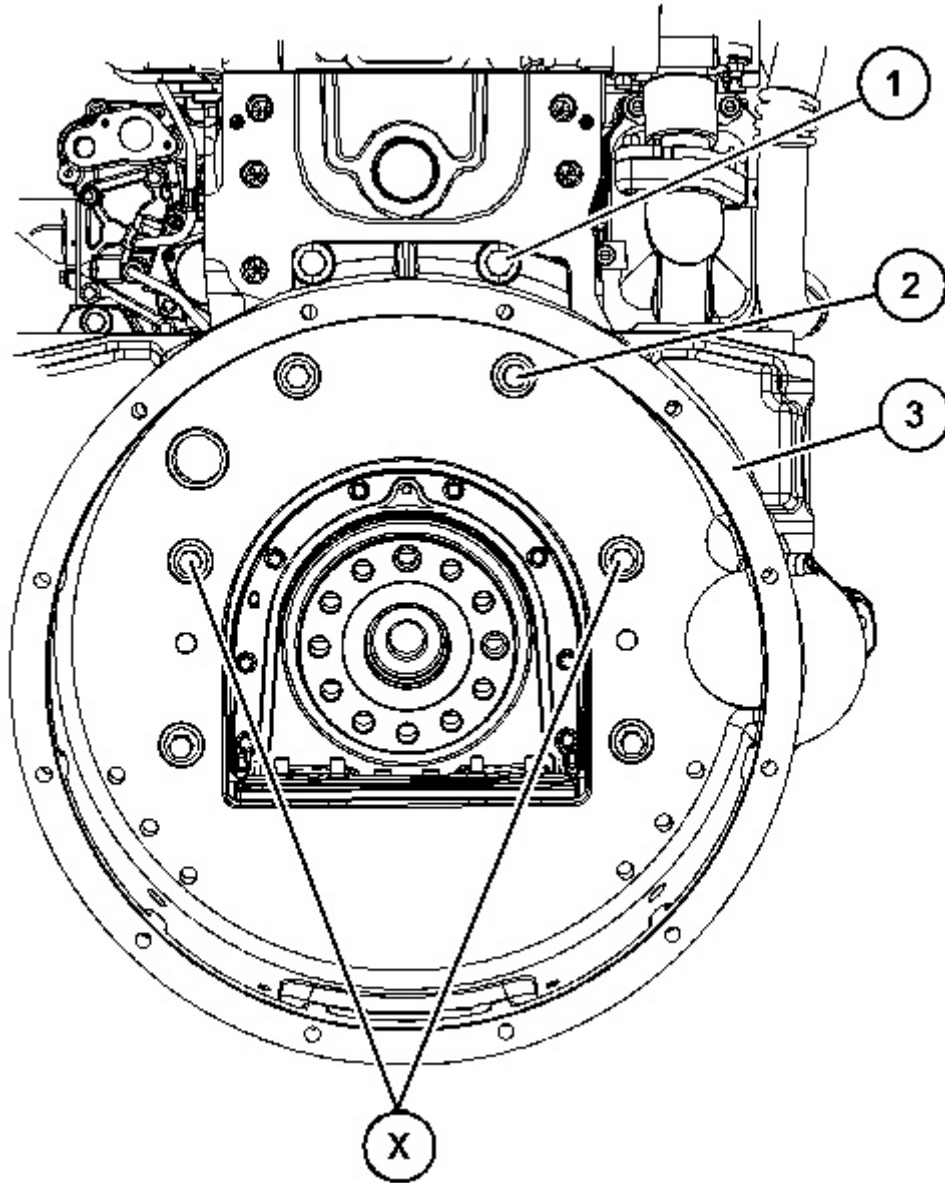


Illustration 1
Typical example

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2. Remove bolts (2) from Positions (X) in flywheel housing (3).
 3. Install Tooling (A) into Position (X) to flywheel housing (3).
 4. Install a suitable lifting device onto flywheel housing (3) to support the flywheel housing. The weight of the flywheel housing is approximately 40 kg (88 lb).
 5. Remove remaining bolts (2) from flywheel housing (3).
 6. Remove bolts (1) from flywheel housing (3).
 7. Use the lifting device to remove flywheel housing (3) from the cylinder block.
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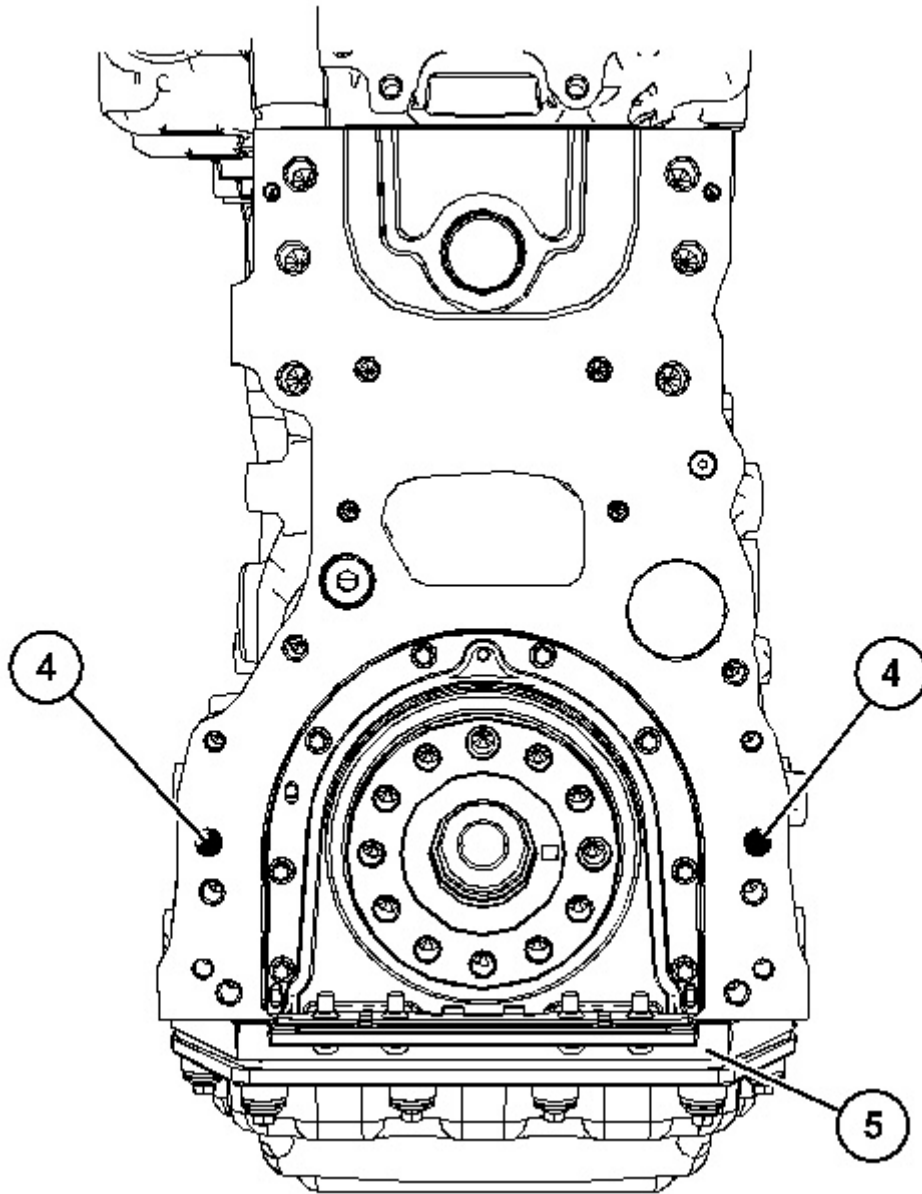


Illustration 2
 Typical example

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8. Remove dust seal (5).
9. If necessary, remove dowels (4) from the cylinder block.

Installation Procedure of Type E Flywheel Housing

Table 2

Required Tools			
Tool	Part Number	Part Description	Qty
A	-	Guide Studs M10 by 100 mm	2

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

1. Ensure that the flywheel housing is clean and free from damage. If necessary, replace the flywheel housing.
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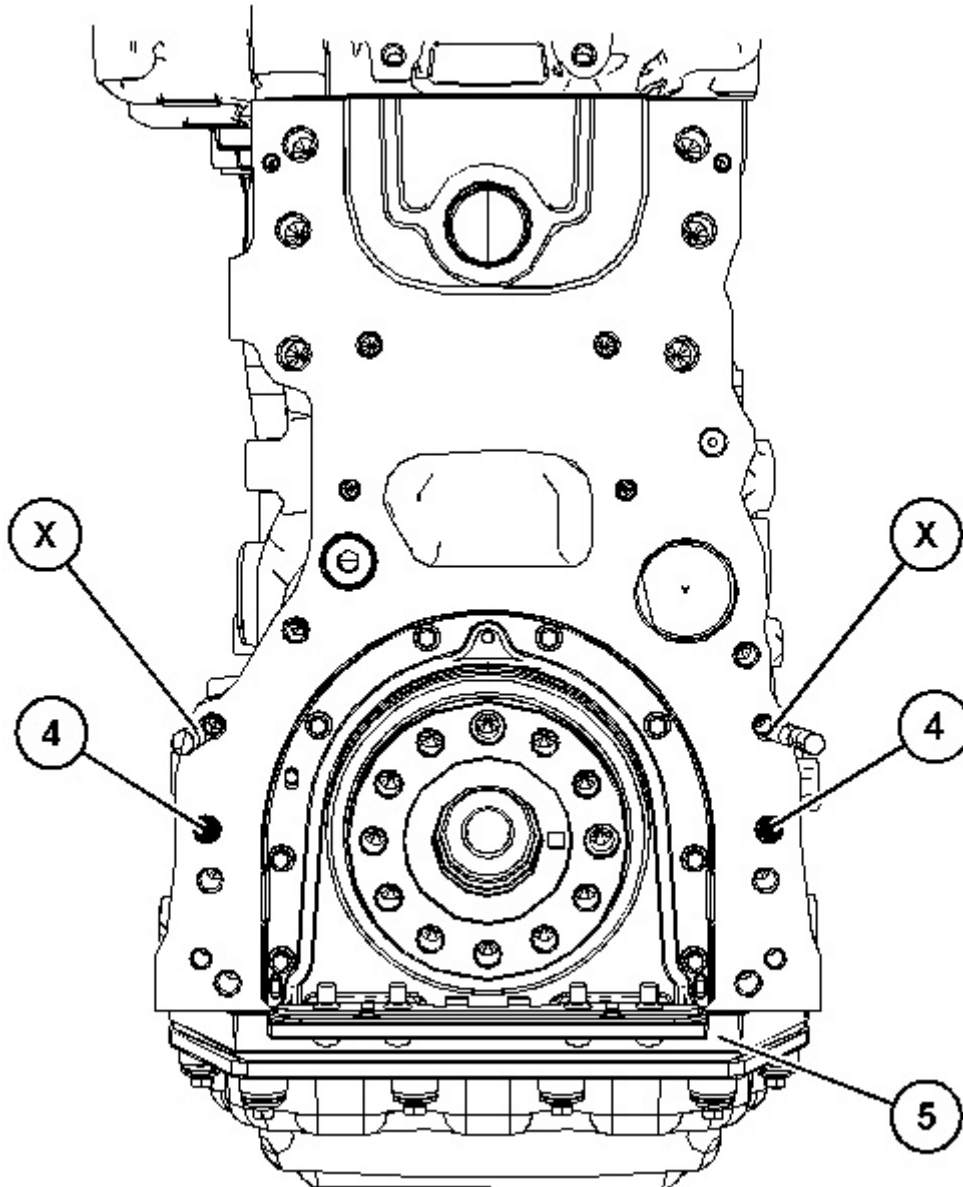


Illustration 3

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Positions for Tooling (A).

2. Inspect the crankshaft rear seal for leaks. If there are any oil leaks, replace the crankshaft rear seal. Refer to Disassembly and Assembly, "Crankshaft Rear Seal - Remove" and refer to Disassembly and Assembly, "Crankshaft Rear Seal - Install" for the correct procedures.

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