# **CATERPILLAR®**

## Service Repair Manual

## Models

## 336D L Excavator

Product: MOBILE HYD POWER UNIT
Model: 336D L MOBILE HYD POWER UNIT L5X
Configuration: 336D L Mobile Hydraulic Power Unit L5X00001-UP (MACHINE) POWERED BY C9 Engine

### Disassembly and Assembly

**C9 Engines for Caterpillar Built Machines** 

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i03582800

### Gear Group (Rear) - Remove and Install

SMCS - 1206-010; 1212-010

#### **Removal Procedure**

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0520	Driver Gp	1
В	1P-0510	Driver Gp	1

#### **Start By:**

A. Remove the flywheel and pump drive gear. Refer to Disassembly and Assembly, "Flywheel - Remove".

#### NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

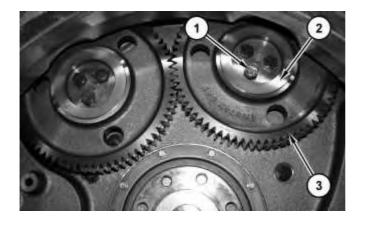


Illustration 1

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1. Remove bolts (1) and remove retainer (2). Remove gear assembly (3).



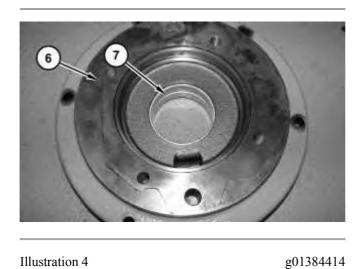
Illustration 2

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- 2. Use Tooling (A) in order to remove bushing (4) from gear assembly (3).
- 3. Repeat Steps 1 and 2 for the opposite side.



4. Remove bolts (5). Remove adapter (6) and the O-ring seal.



5. Use Tooling (B) in order to remove bearing (7) from adapter assembly (6).

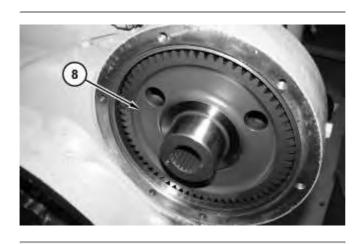


Illustration 5

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6. Remove gear assembly (8).

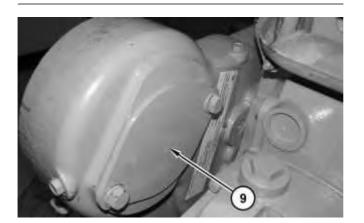


Illustration 6

7. Remove cover (9) and the O-ring seal.

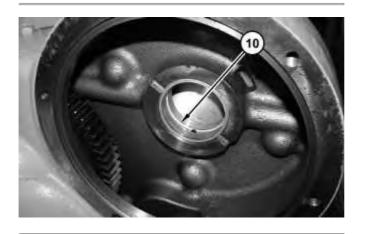


Illustration 7

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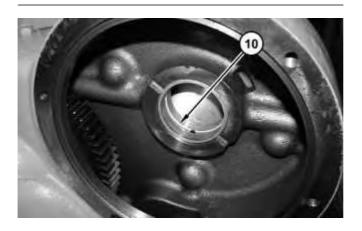
- 8. Use Tooling (B) in order to remove bearing (10).
- 9. Repeat Steps 4 through 8 for the opposite side.

### **Installation Procedure**

#### NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.



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