



# Service Repair Manual

## **Models**

# 330D L Excavator

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Product: MOBILE HYD POWER UNIT

Model: 330D L MOBILE HYD POWER UNIT H3D

Configuration: 330D L Mobile Hydraulic Power Unit H3D00001-UP (MACHINE) POWERED BY C9 Engine

## Disassembly and Assembly C9 Engines for Caterpillar Built Machines

Media Number -REN9579-20

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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
B	1P-0510	Driver Gp	1

#### Start By:

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

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### NOTICE

**Keep all parts clean from contaminants.**

**Contaminants may cause rapid wear and shortened component life.**

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Illustration 1

g01383883

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



Illustration 2

g01383924

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



Illustration 3

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

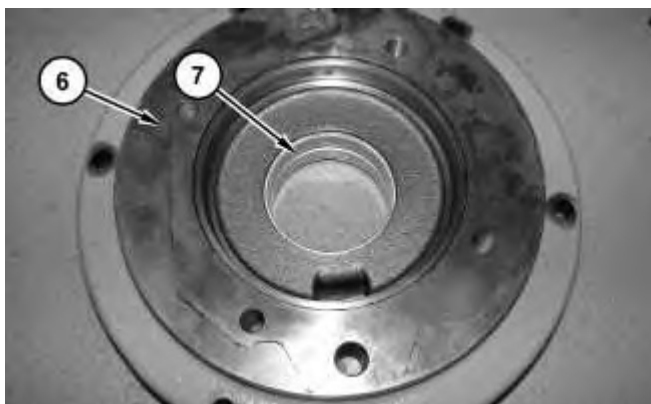


Illustration 4

g01384414

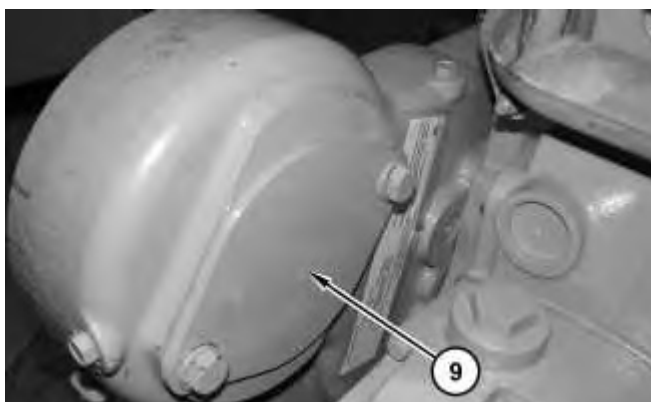
5. Use Tooling (B) in order to remove bearing (7) from adapter assembly (6) .



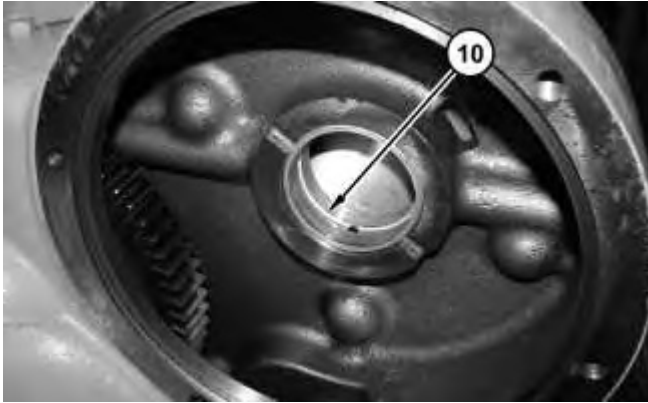
Illustration 5

g01384424

6. Remove gear assembly (8) .



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



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Illustration 7

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

## Installation Procedure

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