



# Service Repair Manual

## **Models**

349D2 and 349D2 L Excavator

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Product: EXCAVATOR

Model: 349D2 EXCAVATOR WEC

Configuration: 349D2 L Excavator WEC00001-UP (MACHINE) POWERED BY C13 Engine

## Disassembly and Assembly C11 and C13 Engines for Caterpillar Built Machines

Media Number -REN9214-23

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i06931709

# Gear Group (Rear) - Remove and Install

SMCS - 1206-010; 1212-010

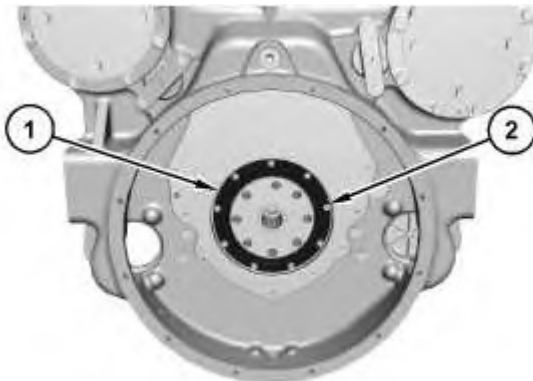
## Removal Procedure

Table 1

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

### Start By:

- a. Remove the electric starting motor.
- b. Remove the flywheel.
1. Support the engine.



2. Remove bolts (2) and rear crankshaft seal (1).

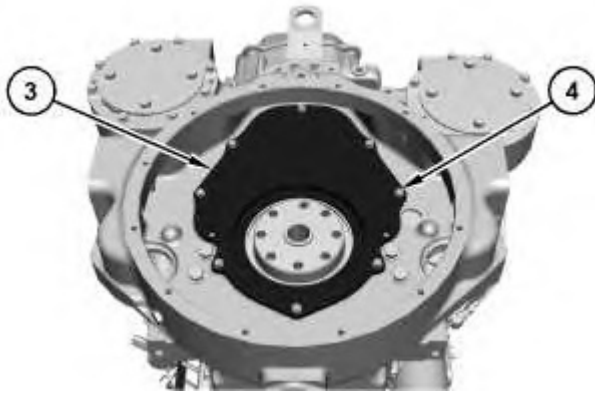


Illustration 2

3. Remove bolts (4) and the washers. Remove cover (3) and the seal.

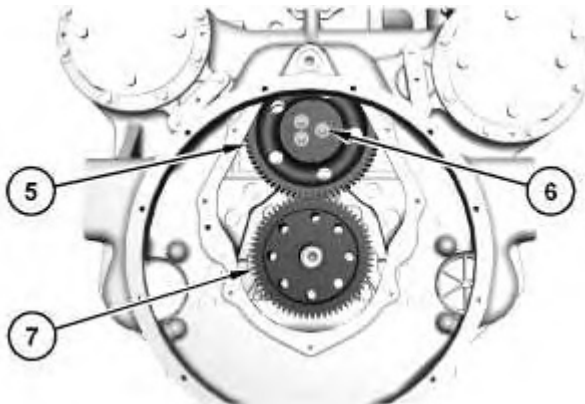


Illustration 3

4. Remove gear (7), bolts (6), and gear (5).



Illustration 4

5. Remove O-ring seal (8) from gear (7).



Illustration 5

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6. Use Tooling (A) to remove bushing (7A) from gear assembly (7).



Illustration 6

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7. Remove bolts (9), adapter assembly (10), and the O-ring seal.

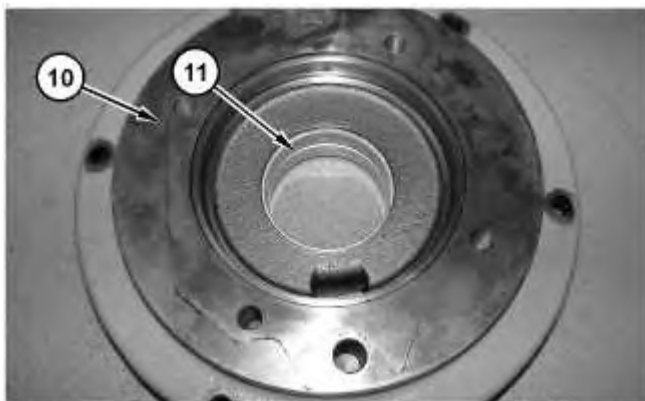


Illustration 7

g06172541

8. Use Tooling (B) to remove bearing (11) from adapter assembly (10).

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Illustration 8

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9. Remove gear assembly (12).

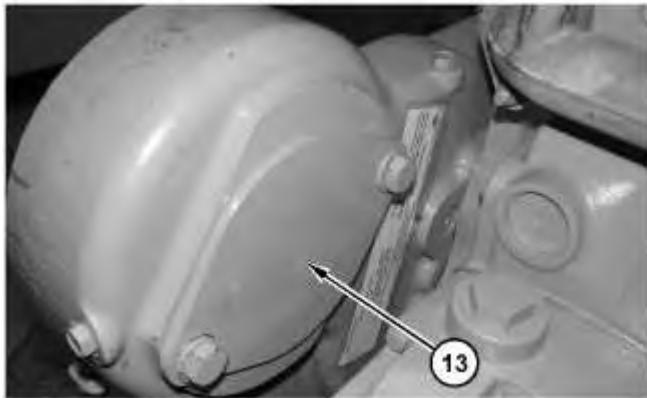


Illustration 9

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10. Remove cover (13) and the O-ring seal.



Illustration 10

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11. Use Tooling (B) to remove bearing (14).

## Installation Procedure

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