



Service Repair Manual

Models

345C EXCAVATOR

Product: EXCAVATOR
Model: 345C EXCAVATOR JAR
Configuration: ISJ HEX COMMONALITY CHART JAR00001-UP (MACHINE)

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

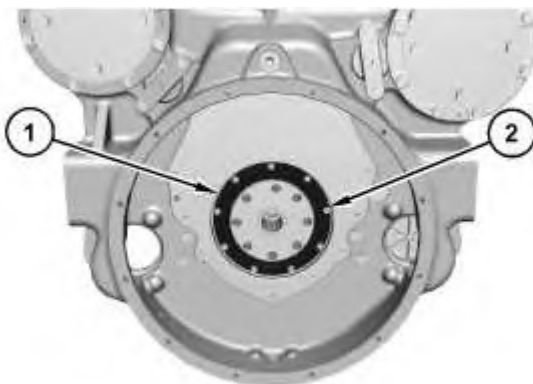
Removal Procedure

Table 1

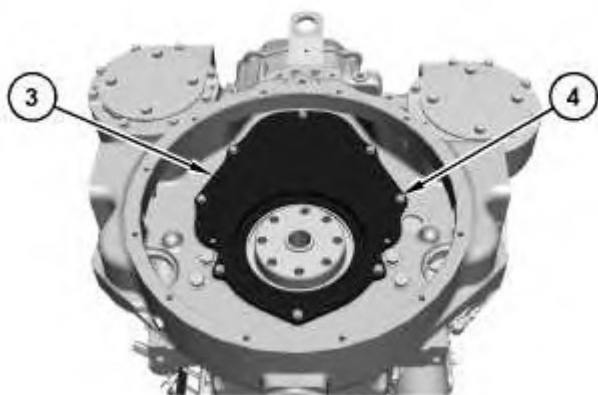
Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0520	Driver Gp.	1
B	1P-0510	Driver Gp	1

Start By:

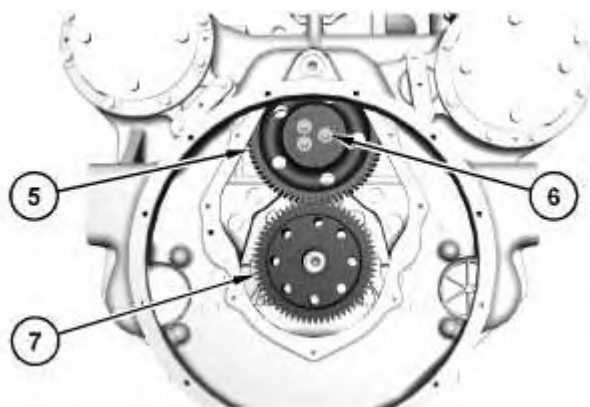
- a. Remove the electric starting motor.
- b. Remove the flywheel.
1. Support the engine.



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



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



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



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



Illustration 5

g06172622

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



Illustration 6

g06172537

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

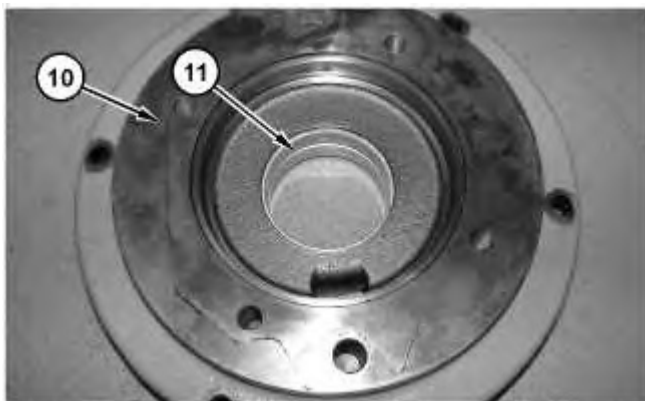


Illustration 7

g06172541

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



Illustration 8

g06172549

9. Remove gear assembly (12).

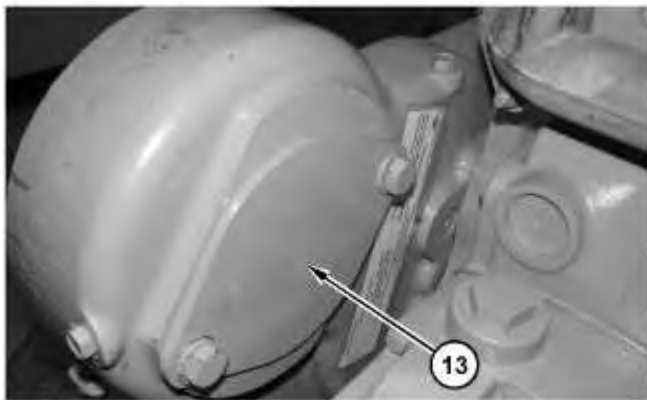


Illustration 9

g06172554

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



Illustration 10

g06172557

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

Installation Procedure

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