



Service Repair Manual

Models

C18 Industrial Engine

Product: INDUSTRIAL ENGINE
Model: C18 INDUSTRIAL ENGINE JDA
Configuration: C18 Industrial Engine JDA00001-UP

Disassembly and Assembly C15 and C18 Industrial Engines

Media Number -REN8630-07

Publication Date -01/11/2017

Date Updated -15/11/2017

i02187180

Power Take-Off Drive Group - Disassemble

SMCS - 1165-015

S/N - GJE1-UP

S/N - JDA1-UP

S/N - JKG1-UP

S/N - JRE1-UP

S/N - MCW1-UP

S/N - PBN1-UP

S/N - PCZ1-UP

S/N - PDM1-UP

S/N - WJH1-UP

S/N - WRH1-UP

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	-	Guide Stud (5/8 - 18 x 8 inch)	2
B	1P-0520	Driver Group	2

Start By:

- a. Remove the flywheel. Refer to Disassembly and Assembly, "Flywheel - Remove".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

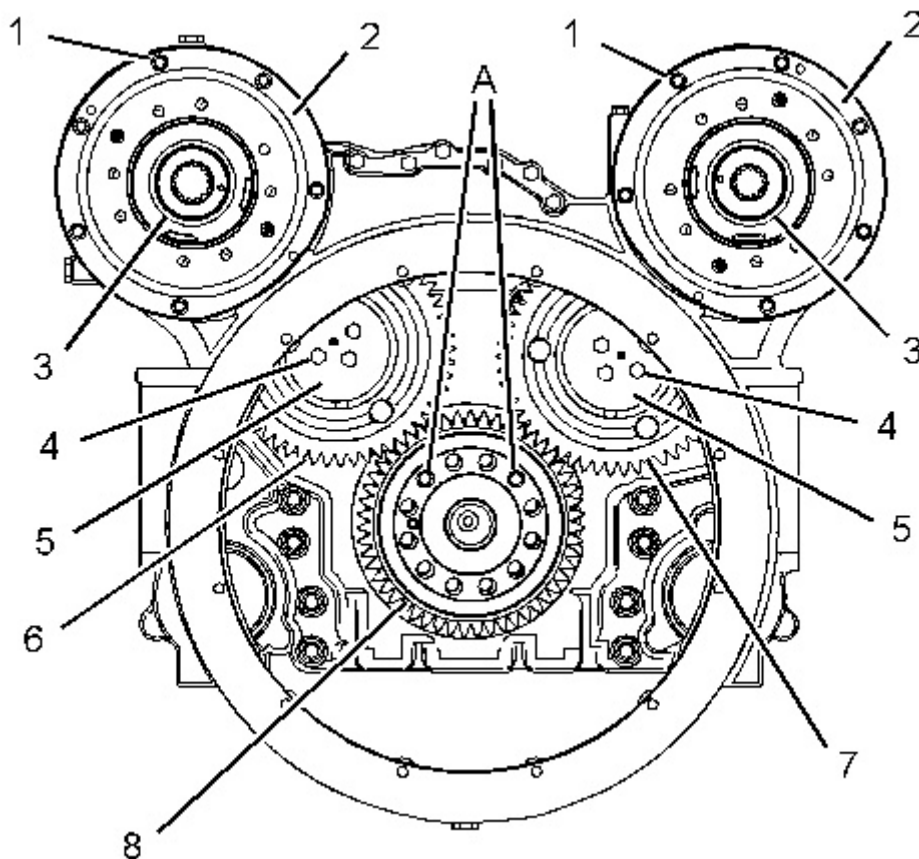


Illustration 1

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1. Remove bolts (1). Remove adapter (2) from the flywheel housing.
2. Remove the O-ring seal from adapter (2). Use Tooling (B) to remove sleeve bearing (3) from adapter (2).
3. Remove bolts (4). Remove retainer assembly (5) and idler gear (6). Use Tooling (B) and remove the sleeve bearing from idler gear (6).
4. Remove bolts (4). Remove retainer assembly (5) and idler gear (7). Use Tooling (B) and remove the sleeve bearing from idler gear (7).

5. Remove crankshaft gear (8) from Tooling (A). Remove the O-ring seal from the counterbore of the crankshaft gear.

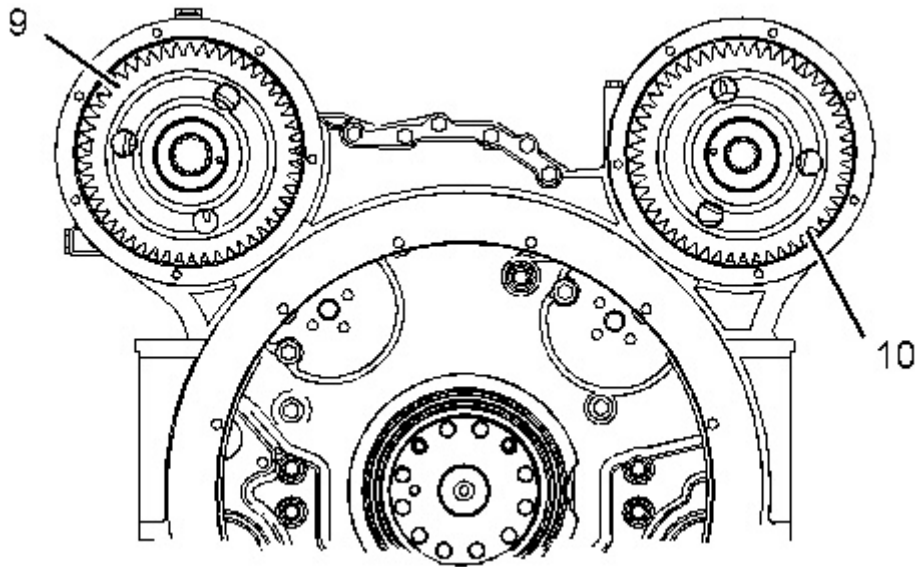


Illustration 2

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6. Remove gear assembly (9) and gear assembly (10) from the flywheel housing.

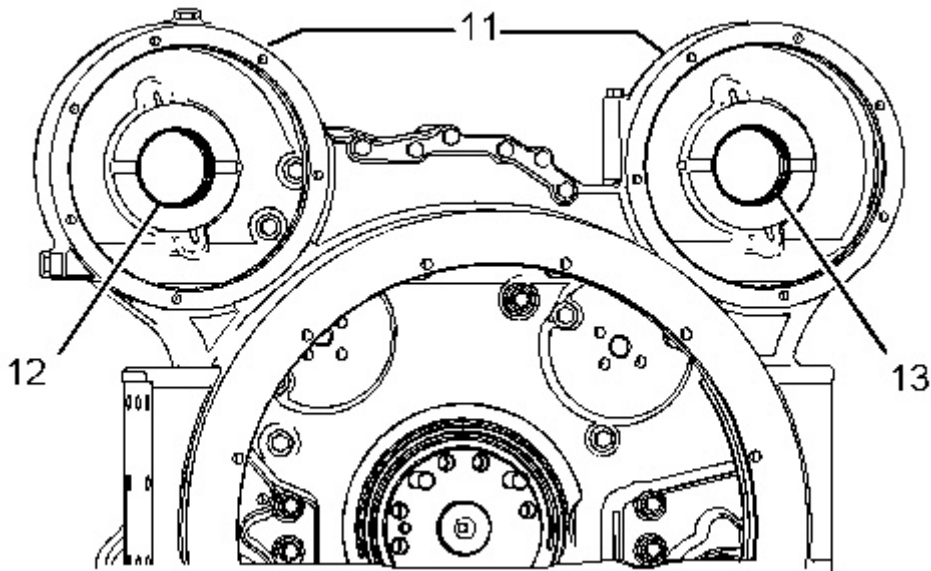


Illustration 3

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7. Remove the bolts and cover (11) from the back side of the flywheel housing. Remove the O-ring seal from the cover. Use Tooling (A) and remove sleeve bearing (12) from the flywheel housing.
8. Remove the bolts and cover (11) from the back side of the flywheel housing. Remove the O-ring seal from the cover. Use Tooling (A) and remove sleeve bearing (13) from the flywheel housing.

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Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	-	Guide Stud (5/8 - 18 x 8 inch)	2
B	1P-0520	Driver Group	2

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