



Service Repair Manual

Models

330D2 L Excavator

Product: EXCAVATOR

Model: 330D2 L EXCAVATOR ZBF

Configuration: 330D2 L Excavator ZBF00001-UP (MACHINE) POWERED BY C7.1 Engine

Disassembly and Assembly 326D2, 329D2 and 330D2 Excavators Machine Systems

Media Number -UENR6134-08

Publication Date -01/09/2018

Date Updated -12/09/2018

i03508206

Final Drive - Disassemble

SMCS - 4050-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-2420	Transmission Repair Stand	1
B	138-7573	Link Bracket	2
C	1P-1863	Retaining Ring Pliers	1
D	138-7575	Link Bracket	3
E	4C-8359	Eyebolt	2
F	138-7574	Link Bracket	2
G	138-7576	Link Bracket	2

Start By:

- Start by removing the final drive. Refer to Disassembly and Assembly, "Final Drive - Remove".

Note: Cleanliness is an important factor. Before the disassembly procedure, the exterior of the component should be thoroughly cleaned. This will prevent dirt from entering the internal mechanism.

- Put an alignment mark across the sections of the final drive for assembly purposes. The parts must be reinstalled to the original locations.
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Illustration 1

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2. Use Tooling (G) and a suitable lifting device to position the final drive assembly onto Tooling (A). The weight of the final drive assembly is approximately 550 kg (1200 lb).
3. Remove bolts (1).

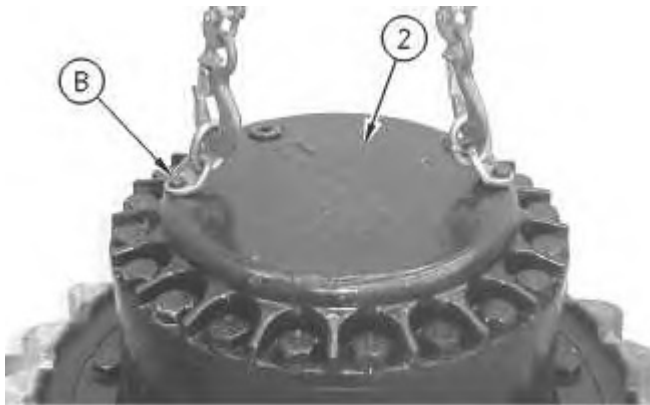


Illustration 2

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4. Use Tooling (B) and a suitable lifting device to remove cover (2). The weight of cover (2) is approximately 32 kg (70 lb).



Illustration 3

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5. Remove bolts (3) and gear (4). Check plate (6). Replace plate (6) if plate (6) is worn. Remove plugs (5) from cover (2).

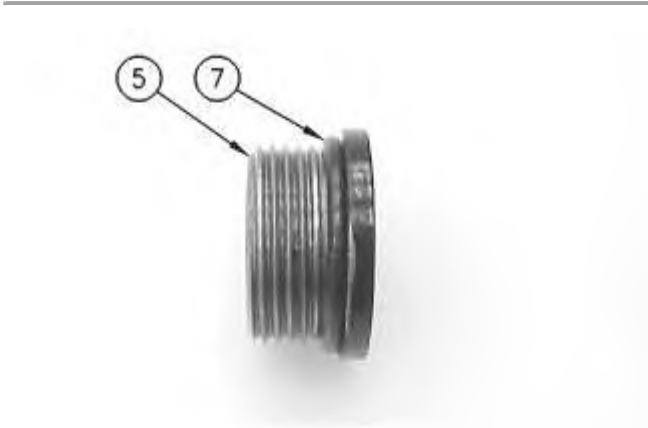


Illustration 4

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6. Remove O-ring seals (7) from plugs (5).



Illustration 5

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7. Remove gear (8) and spacer (9).



Illustration 6

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8. Use Tooling (C) to remove retaining ring (10). Remove washer (11) and gear (12). Remove bearing assembly (13) and washer (14).
9. Repeat Step 8 for the other two gear assemblies.

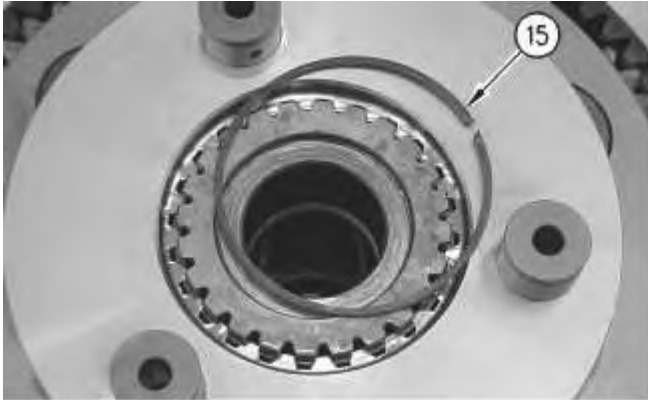


Illustration 7

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10. Remove retaining ring (15).

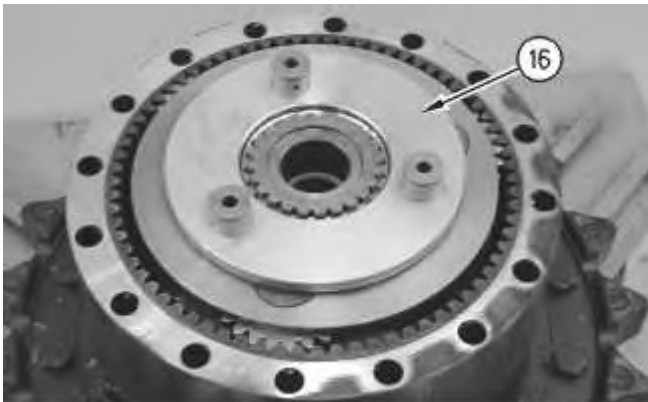


Illustration 8

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11. Remove carrier assembly (16).
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