



Service Repair Manual

Models

330C L and 330C LN Excavator

Product: EXCAVATOR

Model: 330C L EXCAVATOR CAP

Configuration: 330C L & 330C LN Excavators CAP00001-UP (MACHINE) POWERED BY C-9 Engine

Disassembly and Assembly 330C Excavator Machine Systems

Media Number -REN5438-14

Publication Date -01/04/2010

Date Updated -13/04/2010

i02298121

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	208-6033	Spanner Socket As	1
F	138-7574	Link Bracket	2
G	5F-7366	Forcing Screw	1
	1P-5546	Crossblock	1
	1U-9889	Crossblock	1
	1P-0520	Driver Group	1
	6V-7888	Puller Leg	2
	1H-3112	Puller Assembly	1
	1P-5551	Adjustable Screw Assembly	1
H	138-7576	Link Bracket	3
J	1U-7600	Slide Hammer Puller Gp	1

	8T-0266	Bolt	1
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Start By:

- A. Remove 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.

1. Put an alignment mark across the sections of the final drive for assembly purposes. The parts must be reinstalled in the part's original locations.



Illustration 1

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

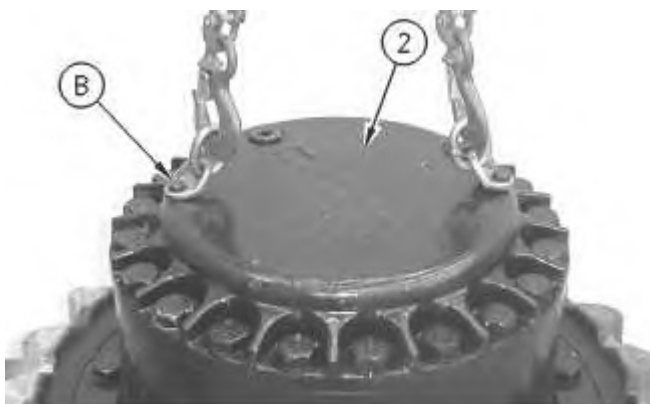


Illustration 2

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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).

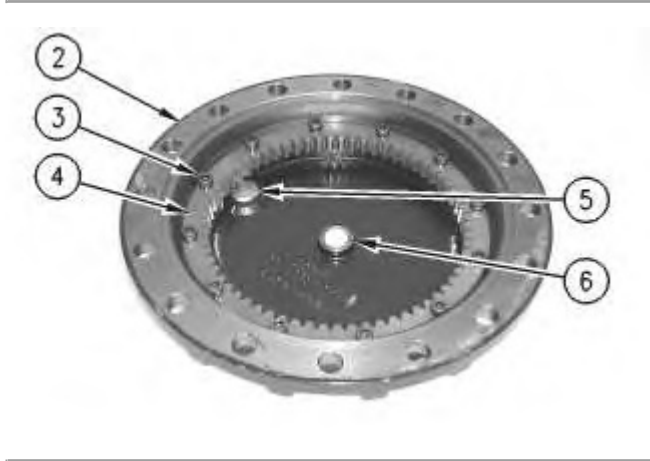


Illustration 3

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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) .

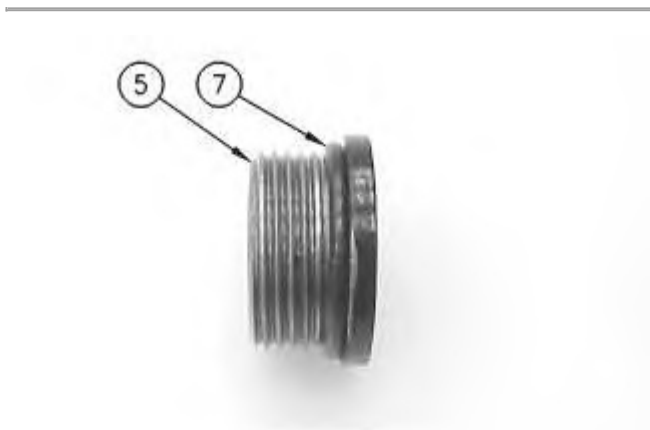


Illustration 4

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



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