



Service Repair Manual

Models

324D FM LL EXCAVATOR

Product: EXCAVATOR

Model: 324D FM LL EXCAVATOR JLS

Configuration: 324D FM Forest Swing Machine JLS00001-UP (MACHINE) POWERED BY C7 Engine

Disassembly and Assembly 324D and 325D Forest Machines Machine Systems

Media Number -KENR5986-02

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i02568643

Final Drive - Disassemble

SMCS - 4050-015

Disassembly Procedure

Start By:

- a. Remove the final drive. Refer to Disassembly and Assembly, "Final Drive - Remove".

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
	3H-0468	Puller Plate	2
	5F-7366	Forcing Screw	1
A	8B-7548	Push-Puller Tool Gp	1
	8T-0070	Bolt	2
	8T-3282	Hard Washer	2
B	1P-0520	Driver Gp	1
C	1P-2321	Combination Puller	1
D	138-7573	Link Bracket	3
	156-7100	Slide Hammer Puller Gp	1
E		M5x0.8x1.5 Bolt	1
F		10mm Drill	1
G	138-7575	Link Bracket	3
H	199-6557	Spanner Socket	1

J	127-8458	Final Drive Bench Ar	1
K	127-8468	Reaction Bar As	1
L	3S-6224	Electric Hydraulic Pump Gp	1
	8T-0820	Hydraulic Pressure Gauge	1
	3B-7722	Pipe Bushing	2
	1P-2376	Quick Connect Coupler	2
	1P-2377	Dust Plug	2
L	8F-0024	Hose As	2
	M	128-4075	Shaft As
N	194-3885	Adapter Plate	1

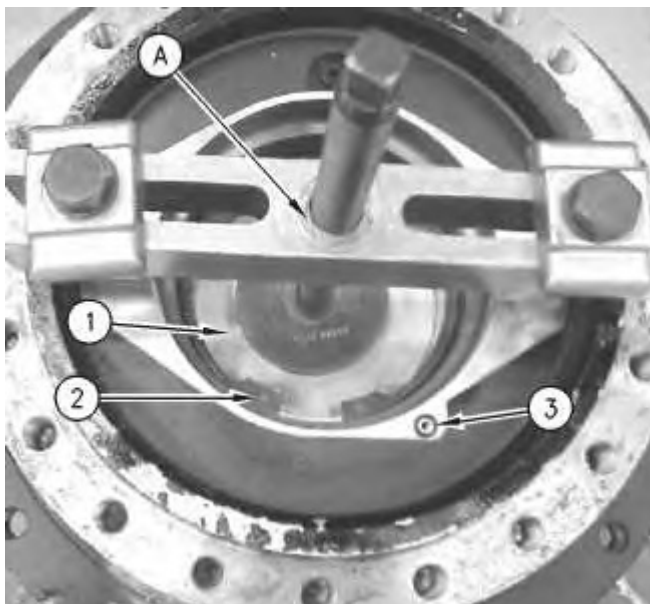


Illustration 1

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⚠ WARNING

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

1. Install Tooling (A) and Tooling (B). Apply slight pressure to plate (1). Remove retaining ring (2).
2. Carefully remove Tooling (A) and Tooling (B).
3. Remove plate (1).
4. Remove O-ring seal (3).



Illustration 2

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5. Remove springs (4).
6. Remove piston (5).

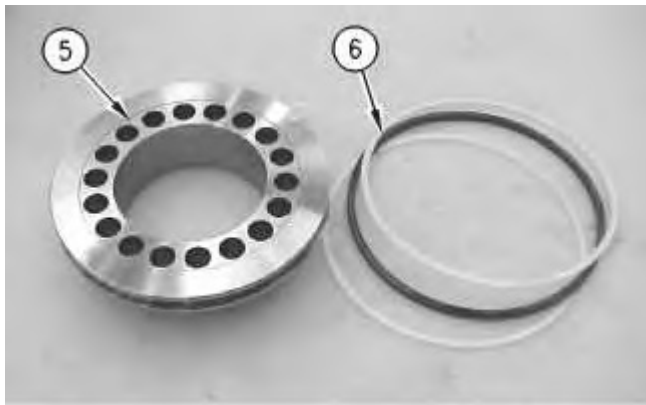


Illustration 3

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- a. Remove piston seals (6) from piston (5).
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Illustration 4

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7. Remove coupler (7).
8. Remove brake discs (8).

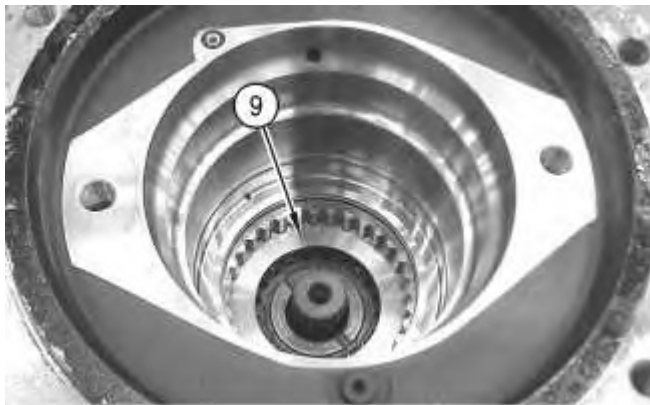


Illustration 5

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9. Remove bottom brake plate (9).

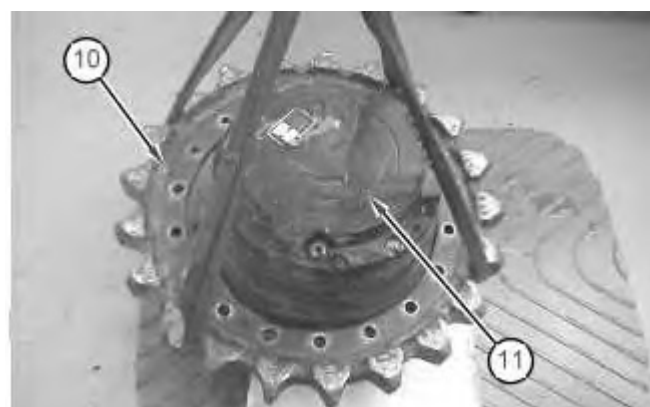


Illustration 6

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10. Turn over the final drive.

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