



Service Repair Manual

Models

D10T2 TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D10T2 TRACK-TYPE TRACTOR RAB

Configuration: D10T2 TRACK-TYPE TRACTOR RAB00001-UP (MACHINE) POWERED BY C27 Engine

Disassembly and Assembly D10T2 Track-Type Tractor Power Train

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i07375092

Final Drive - Disassemble

SMCS - 4050-015

Disassembly Procedure

Start By:

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

Note: Cleanliness is an important factor. Before you begin the disassembly procedure, the exterior of the components should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism. Precision components can be damaged by contaminants or by dirt. Perform disassembly procedures on a clean work surface. Keep components covered and protected at all times.

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting, and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat[®] products.

Dispose of all fluids according to local regulations and mandates.

Table 1

Required Tools

Tool	Part Number	Part Description	Qty	
A	138-7575	Link Bracket	3	
B	138-7573	Link Bracket	1	
C	1P-0520	Driver Group	1	
	1U-5197	Driver Gp	1	
	5P-9695	Press Plate	1	
	9U-5267	Stud	3	
	5F-7353	Washer	3	
	3H-0467	Washer	3	
	D	3K-5234	Washer	3
		1P-0543	Nut	3
		1U-5197	Hydraulic Cylinder Gp	1
		350-7768	Electric Hydraulic Pump Gp (115V)	-
	350-7769	Electric Hydraulic Pump Gp (230V)	-	
E	138-7574	Link Bracket	3	

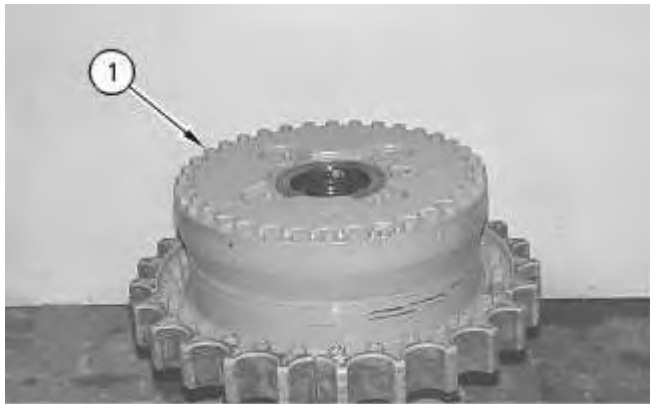


Illustration 1

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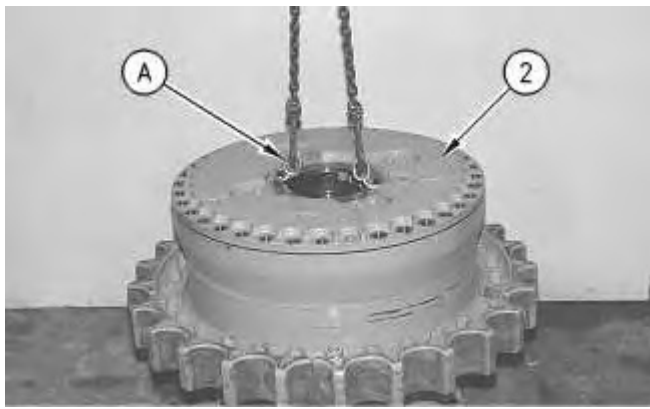


Illustration 2

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1. Remove bolts (1) that hold carrier assembly (2) on the final drive.
2. Install Tooling (A) on carrier assembly (2). Use a suitable lifting device and Tooling (A) to remove carrier assembly (2) from the final drive. The weight of carrier assembly (2) is approximately 268 kg (590 lb).
3. Remove the O-ring seal from the carrier assembly.

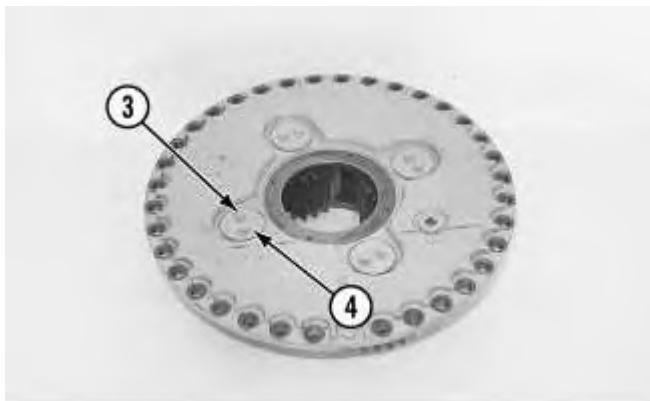


Illustration 3

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4. Remove bolts (3) and plates (4).

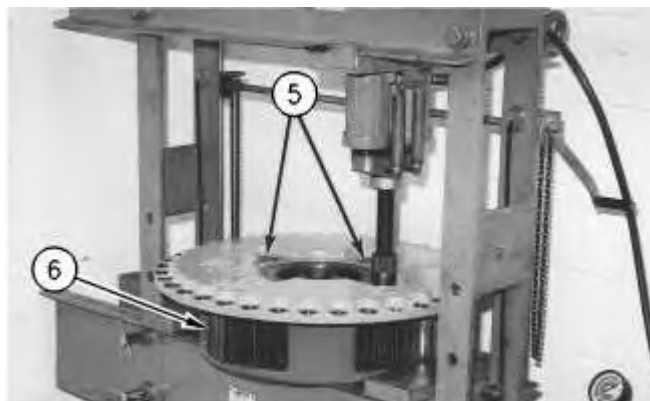


Illustration 4

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5. Put the carrier assembly in position in a suitable press. Remove shafts (5) and gears (6).

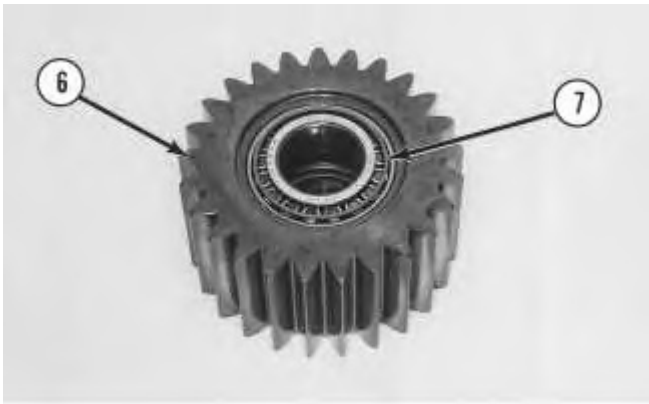


Illustration 5

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6. Remove bearing cones (7) from gears (6).

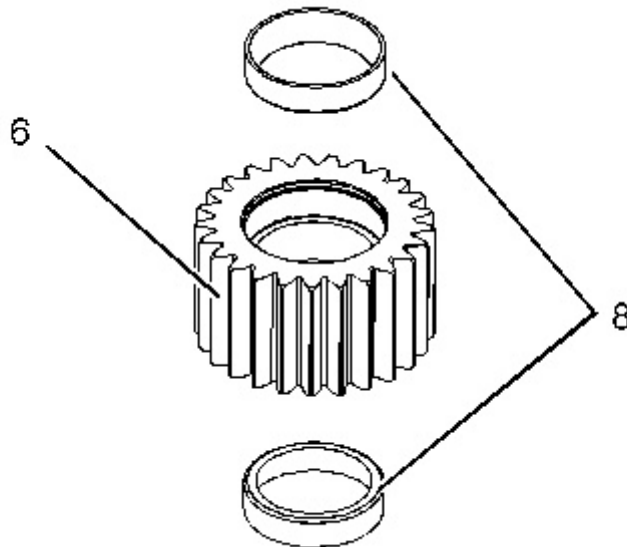


Illustration 6

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7. Remove bearing cups (8) from gear (6).

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