



Service Repair Manual

Models

**D10T2 TRACK-TYPE
TRACTOR**

Product: TRACK-TYPE TRACTOR

Model: D10T2 TRACK-TYPE TRACTOR JJW

Configuration: D10T2 TRACK-TYPE TRACTOR JJW00001-UP (MACHINE) POWERED BY C27 Engine

Disassembly and Assembly D10T2 Track-Type Tractor Power Train

Media Number -KENR5633-00

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i05383002

Final Drive Planetary Carrier (In Chassis) - Remove and Install

SMCS - 4092-010

Removal Procedure

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	5P-7395	Installer	1
B	5P-8622	Shackle	1
	151-2816	Plate	1
	142-1664	Adjustable Hook	1

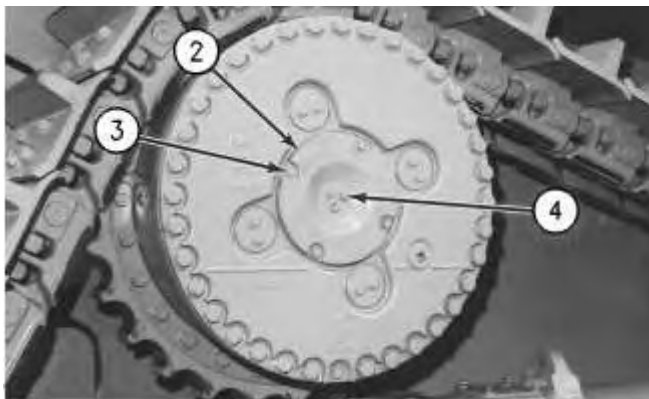
	5P-8732	Adapter	1
	1D-4629	Bolt	3
	4B-5277	Washer	6
	1B-4332	Nut	3
C	350-7768	Electric Hydraulic Pump Gp (115V)	1
	350-7769	Electric Hydraulic Pump Gp (230V)	1
	6V-3175	Hydraulic Cylinder	1
D	1P-1838	Bearing Pulling Adapter	1
E	1P-0520	Driver Group	1
F	-	Bolt 7/8-9 NC by 4 inch	3



Illustration 1

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1. Turn the final drive until drain plug (1) is on the bottom. Remove drain plug (1) and drain the oil from the final drive into a suitable container for storage or disposal.



2. Remove bolts (4) from the center of cover (2). Remove bolts (3) and cover (2) from the final drive.



Illustration 3

3. Remove O-ring seal (5) from cover (2) .

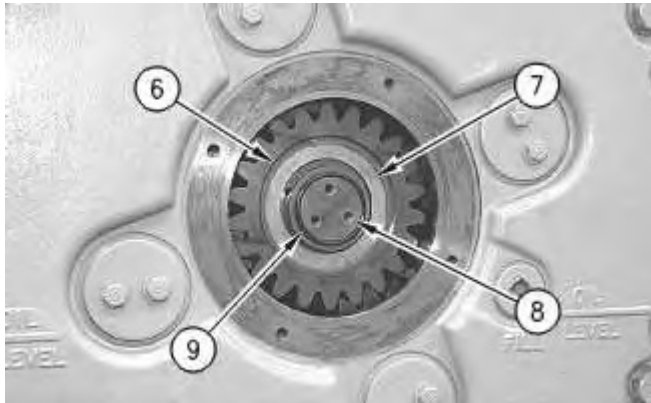


Illustration 4

4. Remove spiral lockring (6), ring (7), and retainer (8). Remove O-ring seal (9) from retainer (8) .
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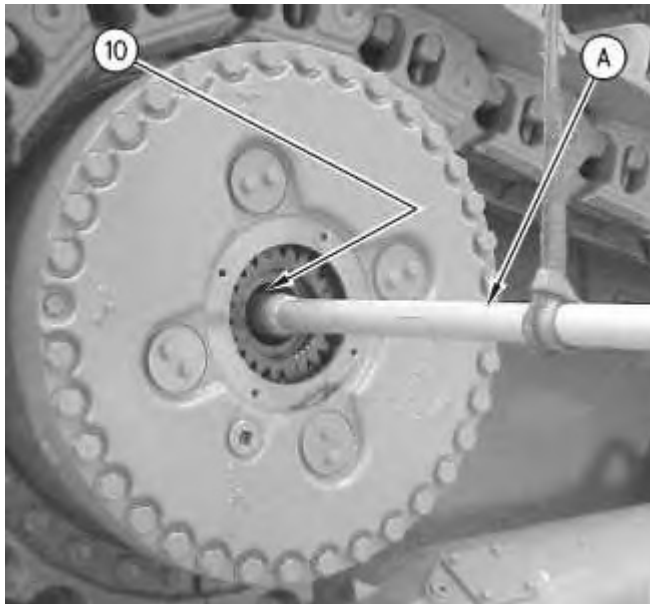


Illustration 5

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5. Install Tooling (A) to outer axle (10). Fasten a suitable lifting device onto Tooling (A). Remove the outer axle.

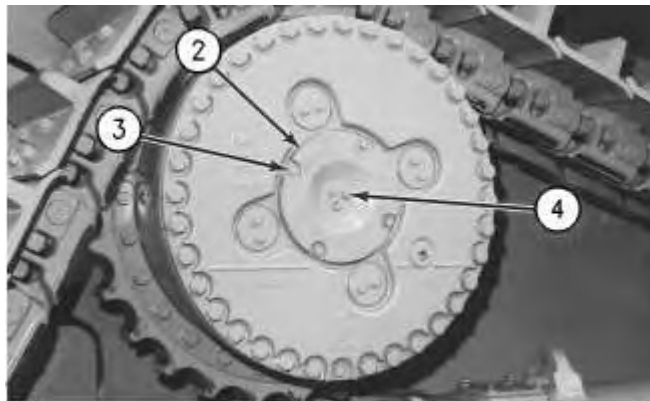


Illustration 6

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Note: Steps 6 and 7 are done in order to hold the sun gear in position.

6. Install the retainer, the ring, and the spiral lockring in the final drive.
7. Install cover (2), bolts (4), and bolts (3) .

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