

Product: TRACK-TYPE TRACTOR

Model: D6N TRACK-TYPE TRACTOR ALR

Configuration: D6N XL, FTC, LGP TRACK-TYPE TRACTOR ALR00001-UP (MACHINE) POWERED BY 3126B Engine

Disassembly and Assembly D6N Track-Type Tractor Power Train

Media Number -REN5267-00

Publication Date -01/04/2003

Date Updated -20/05/2003

i01866709

Final Drive, Steering Clutch, and Brakes - Separate

SMCS - 4050-076; 4100-076

Separation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7573	Link Bracket	2

Start By:

- A. Remove the final drive, the steering clutch, and the brake from the machine. Refer to Disassembly and Assembly, "Final Drive, Steering Clutch, and Brake - Remove".



Illustration 1

g00951584

1. Attach Tooling (A) and a suitable lifting device to the steering clutches and brakes (1) .

2. Remove bolts (2) .



Illustration 2

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3. Remove steering clutches and brakes (1) from the final drive. The weight of steering clutches and brakes (1) is approximately 181 kg (400 lb).
4. Remove O-ring seal (3) from steering clutches and brakes (1) .

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i01917626

Steering Clutch and Brake - Disassemble

SMCS - 4100-015

Disassembly Procedure

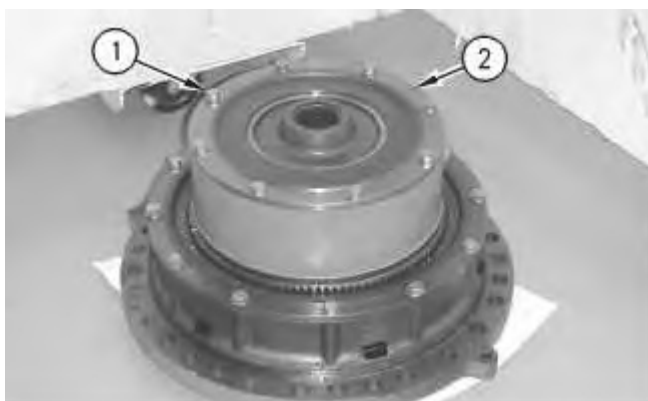
Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7575	Link Bracket	3

Start By:

- A. Separate the final drive, the steering clutch, and the brake. Refer to Disassembly and Assembly, "Final Drive, Steering Clutch, and Brake - Separate".

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



1. Remove bolts (1) and plate (2) .

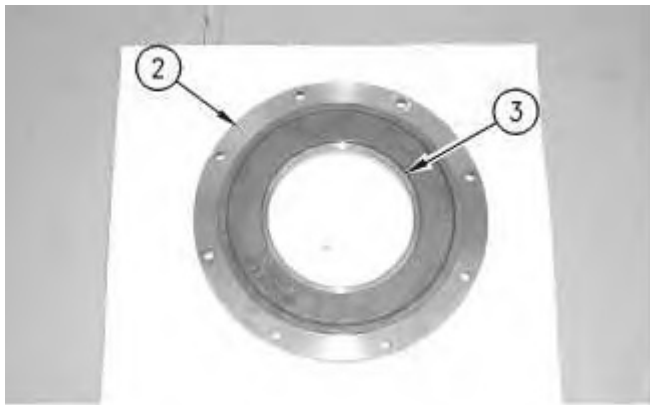


Illustration 2

2. Remove sleeve bearings (3) from plate (2) .

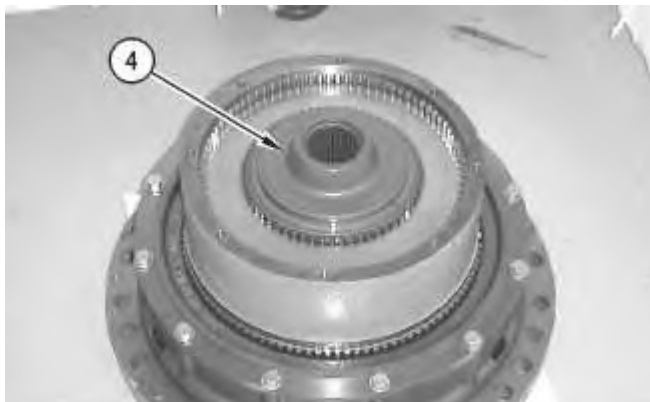


Illustration 3

3. Remove input hub (4) .
-

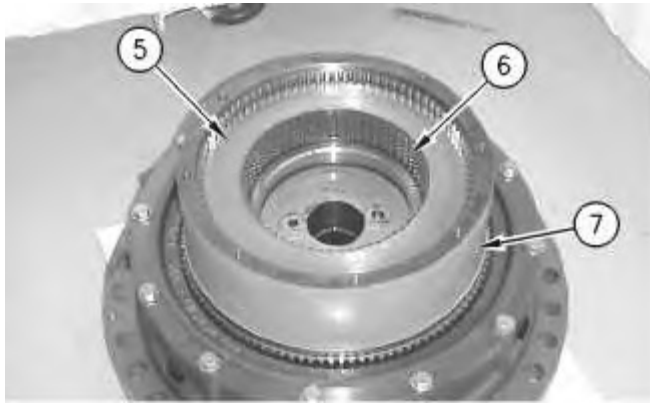


Illustration 4

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4. Remove clutch plates (5) and friction discs (6) from hub assembly (7) .



Illustration 5

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5. Remove piston (8) and sleeve bearing (9) from hub assembly (7) .

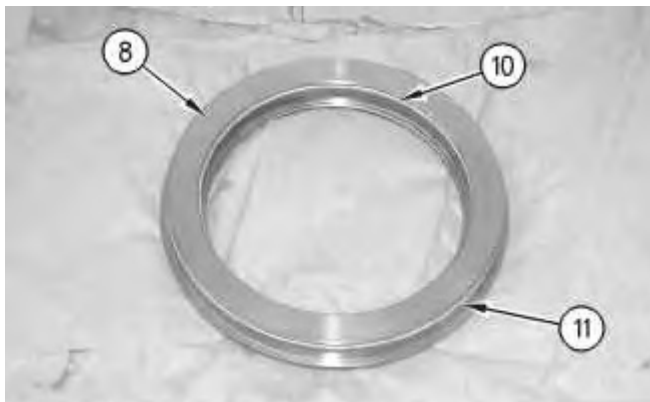


Illustration 6

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6. Remove seals (10) and (11) from piston (8) .



Illustration 7

g00952507

7. Turn over the hub and brake assembly. The weight of the hub and brake assembly is approximately 127 kg (280 lb).
8. Remove ring (12) from hub assembly (7) .



Illustration 8

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9. Attach Tooling (A) and a suitable lifting device to housing (13). Remove the brake assembly from hub assembly (7). The weight of the brake assembly is approximately 86 kg (190 lb).
-

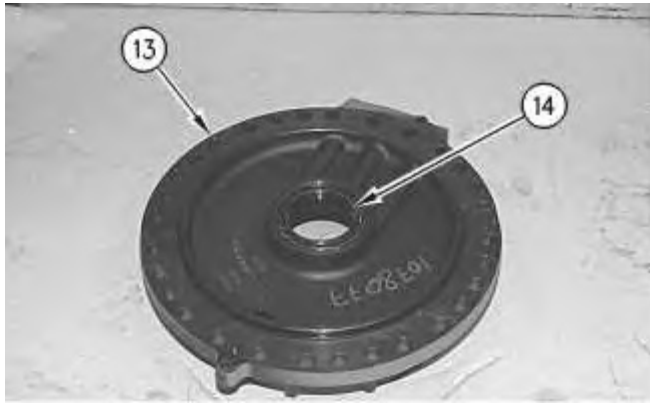


Illustration 9

g00952511

10. Remove bearing (14) from housing (13) .

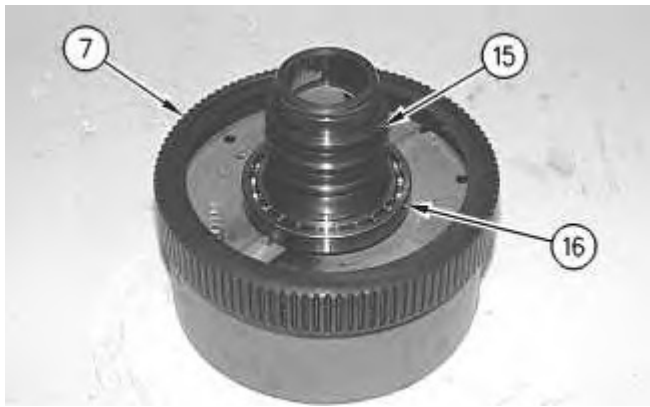


Illustration 10

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11. Remove rings (15) and bearing (16) from hub assembly (7) .



WARNING

Personal injury can result from parts under high spring pressure.

Spring force can cause parts to come off suddenly. Contact your Caterpillar dealer for disassembly instructions before removing any parts.

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