# **CATERPILLAR®**

# Service Repair Manual

## **Models**

# **D6N TRACK-TYPE TRACTOR**

Model: D6N TRACK-TYPE TRACTOR ALH

Configuration: D6N XL, FTC, LGP TRACK-TYPE TRACTOR ALH00001-UP (MACHINE) POWERED BY 3126B Engine

## **Disassembly and Assembly D6N Track-Type Tractor Power Train**

Media Number -RENR5267-00

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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.

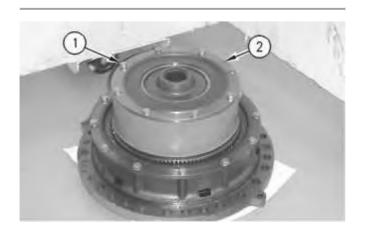


Illustration 1 g00952255

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

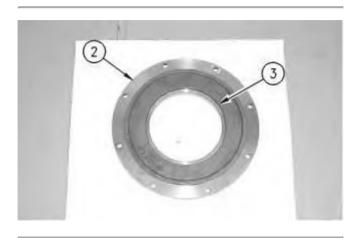


Illustration 2 g00952257

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

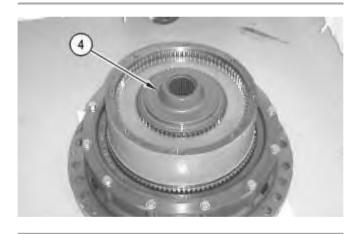


Illustration 3 g00952259

3. Remove input hub (4).

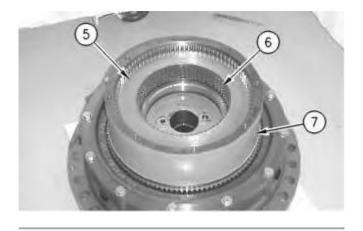


Illustration 4 g00952260

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

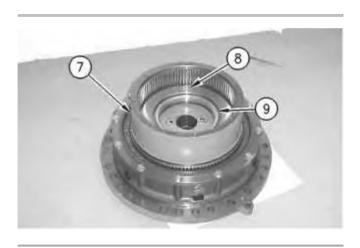


Illustration 5 g00952261

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

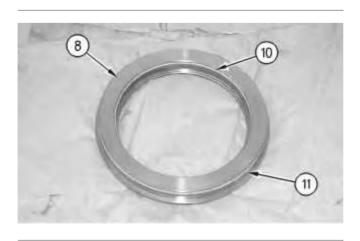


Illustration 6 g00952262

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

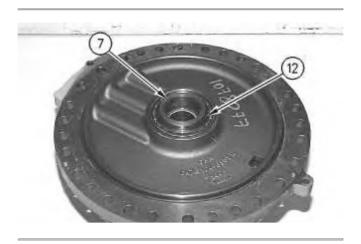


Illustration 7

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).

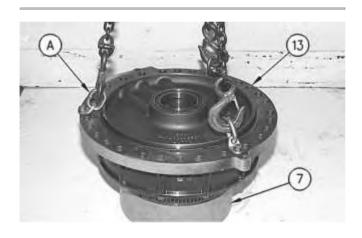


Illustration 8

g00952508

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).

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