# **CATERPILLAR®**

## Service Repair Manual

**Models** 

## **D6R II TRACK-TYPE TRACTOR**

Product: TRACK-TYPE TRACTOR
Model: D6R II TRACK-TYPE TRACTOR AEM
Configuration: D6R Series IITRACK-TYPE TRACTOR FTC AEM00001-UP (MACHINE) POWERED BY C-9 Engine

### **Disassembly and Assembly**

D6R Series II Track-Type Tractor Power Train

Media Number -RENR4257-03

Publication Date -01/08/2009

Date Updated -01/09/2009

i01569561

### **Steering Clutch and Brake - Disassemble**

SMCS - 4100-015

## **Disassembly Procedure**

Table 1

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

#### **Start By:**

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

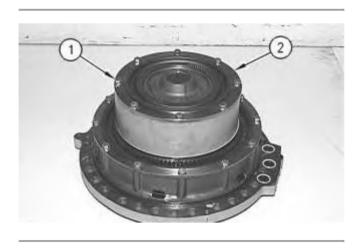


Illustration 1

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

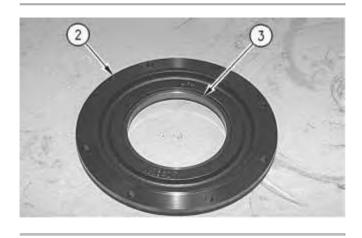


Illustration 2

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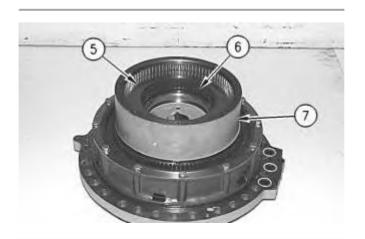
2. Remove sleeve bearings (3) from plate (2).



Illustration 3

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3. Remove input hub (4).



#### Illustration 4

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

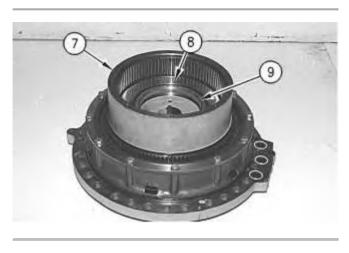


Illustration 5

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- 5. Remove piston (8) from hub (7).
- 6. Remove sleeve bearing (9).

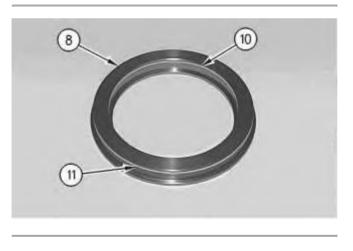


Illustration 6

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

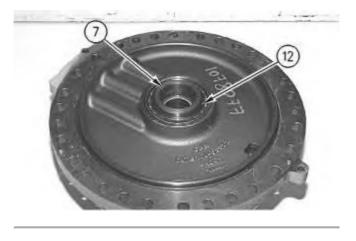


Illustration 7

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- 8. Turn over the brake assembly.
- 9. Remove ring (12) from hub (7).

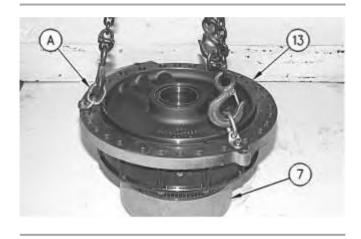
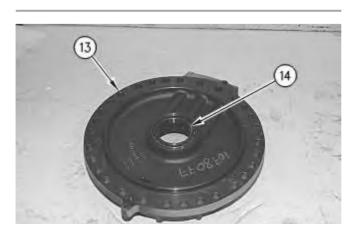


Illustration 8

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10. Fasten a hoist and Tooling (A) to housing (13). Remove the brake assembly from hub (7). The weight of the brake assembly is 86 kg (190 lb).



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