



# Service Repair Manual

## **Models**

# D7R TRACK-TYPE TRACTOR

---

Product: TRACK-TYPE TRACTOR

Model: D7R TRACK-TYPE TRACTOR 3ZR

Configuration: D7R TRACTORS / POWERSHIFT / 3ZR00001-UP (MACHINE) POWERED BY 3306 ENGINE

## Disassembly and Assembly D7R Track-Type Tractor Power Train

Media Number -SEN8342-03

Publication Date -01/06/2010

Date Updated -28/06/2010

i01569561

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

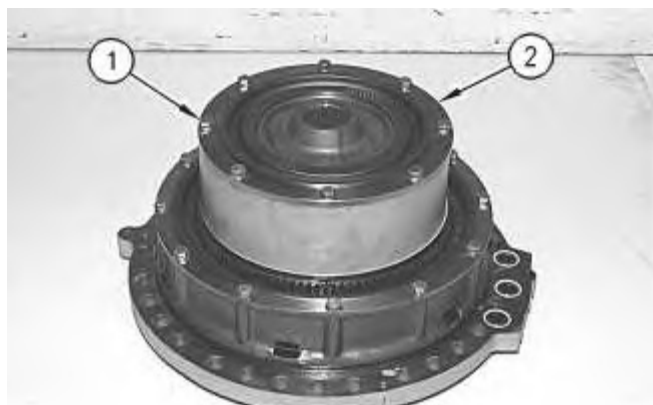


Illustration 1

g00620422

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

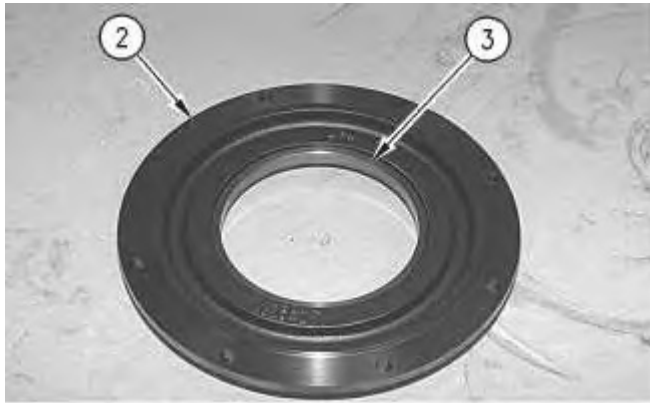


Illustration 2

g00620495

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

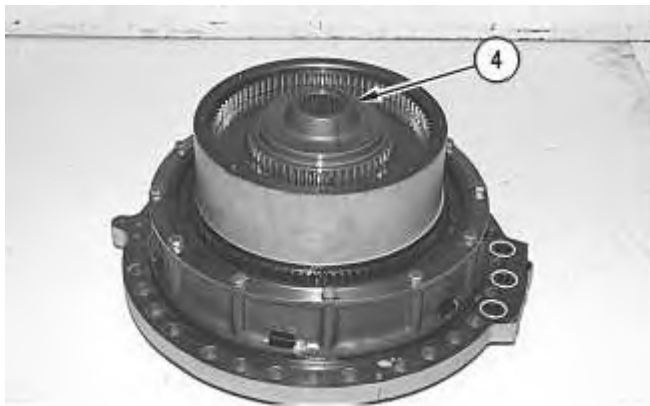


Illustration 3

g00620496

3. Remove input hub (4) .



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

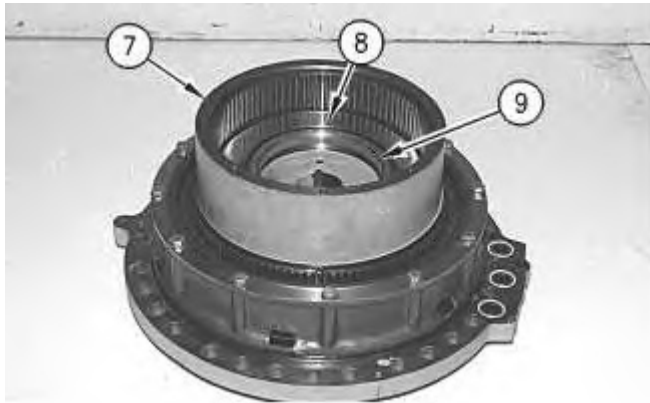


Illustration 5

g00620499

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

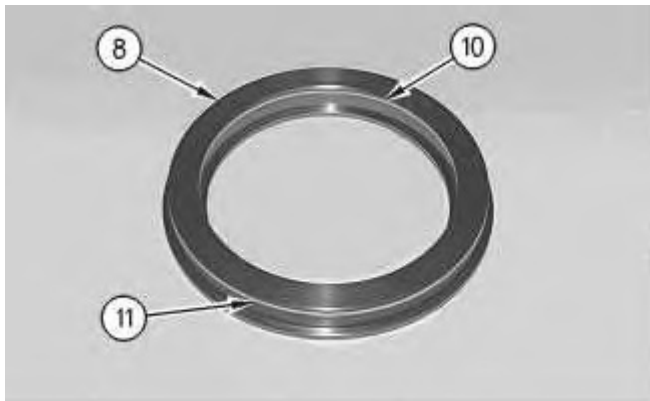


Illustration 6

g00620501

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

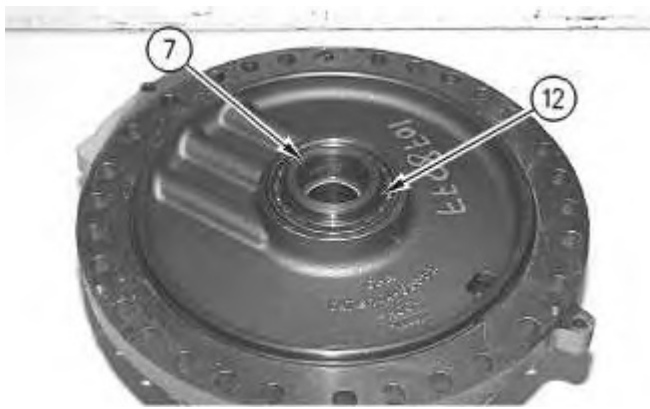


Illustration 7

g00620502

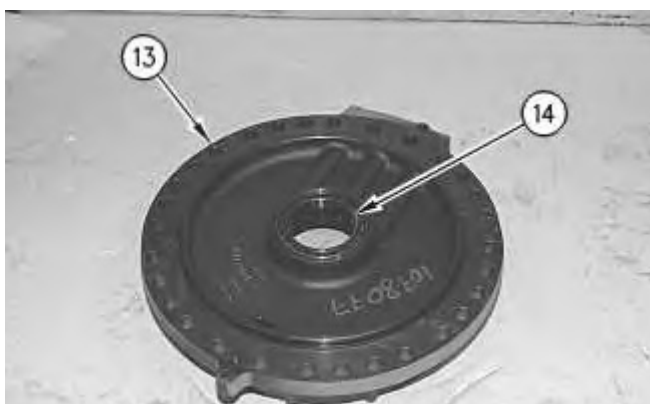
8. Turn over the brake assembly.
9. Remove ring (12) from hub (7) .



Illustration 8

g00620503

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).



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

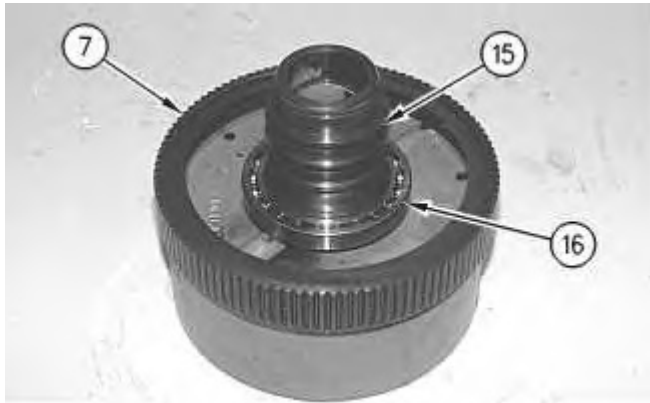


Illustration 10

g00620505

12. Remove three rings (15) from hub (7) .
13. Remove bearing (16) from the hub.

**Note:** Bolts (19) hold a spring under compression behind the piston. Bolts (17) must be removed before bolts (19).

**WARNING**

**Personal injury can result from being struck by parts propelled by a released spring force.**

**Make sure to wear all necessary protective equipment.**

**Follow the recommended procedure and use all recommended tooling to release the spring force.**

---

---

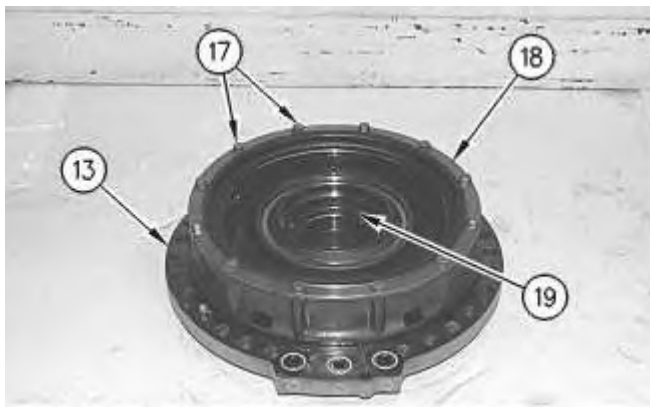


Illustration 11

g00620525

14. Remove bolts (17) and remove plate (18) from housing (13) .



Illustration 12

g00620520

15. Remove brake plates (20) and friction discs (21) from the housing.



**Personal injury can result from being struck by parts propelled by a released spring force.**

**Make sure to wear all necessary protective equipment.**

**Follow the recommended procedure and use all recommended tooling to release the spring force.**

---

**Note:** Bolts (19) hold a spring under compression. Carefully loosen bolts (19).

---

Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)