

Product: TRACK-TYPE TRACTOR

Model: D8R TRACK-TYPE TRACTOR JR8

Configuration: D8R TRACK-TYPE TRACTOR JR800001-UP (MACHINE) POWERED BY C15 Engine

Disassembly and Assembly D8R and D8T Track-Type Tractor Power Train

Media Number -M0076745-02

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i05353222

Steering Planetary and Brake - Disassemble

SMCS - 4132-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Description	Qty
A	439-3940	Link Brackets	3
B	5J-0490	Bolts (1/2 - 13)	3
C	1P-0520	Driver Gp	1

Start By:

- a. Remove the right hand final drive, the planetary group, and the brake.

Note: Orientation of brake and planetary assemblies. Mark the top of the planetary gears, the sun gear, and the ring gear (if equipped) for assembly purposes.

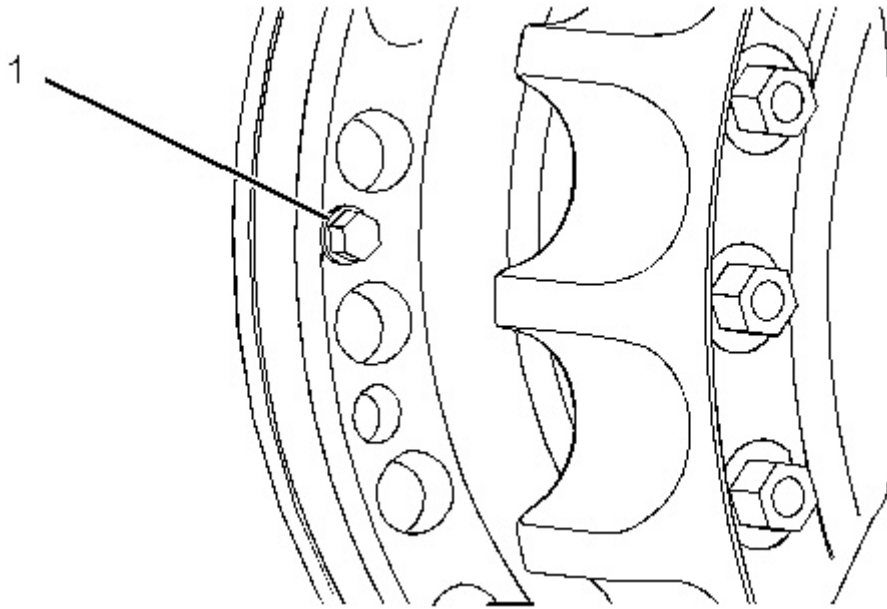


Illustration 1

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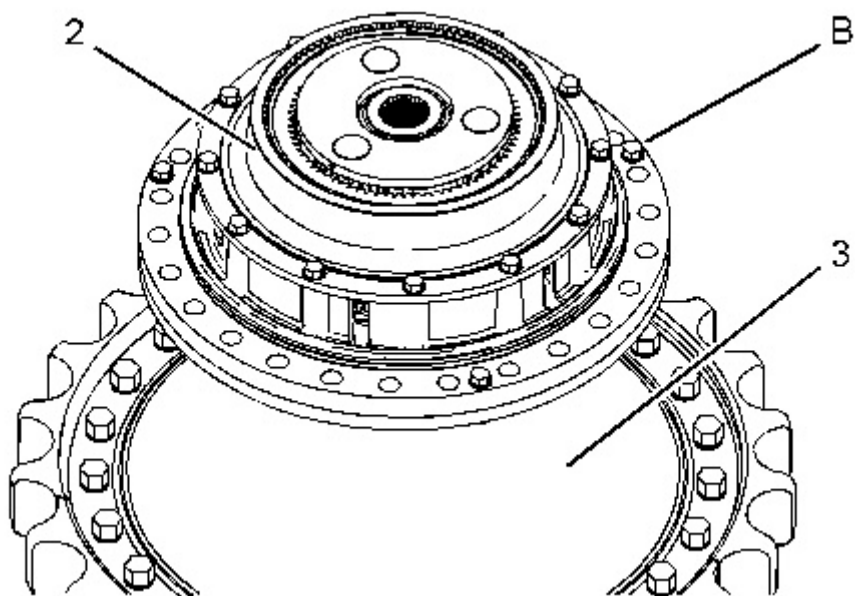


Illustration 2

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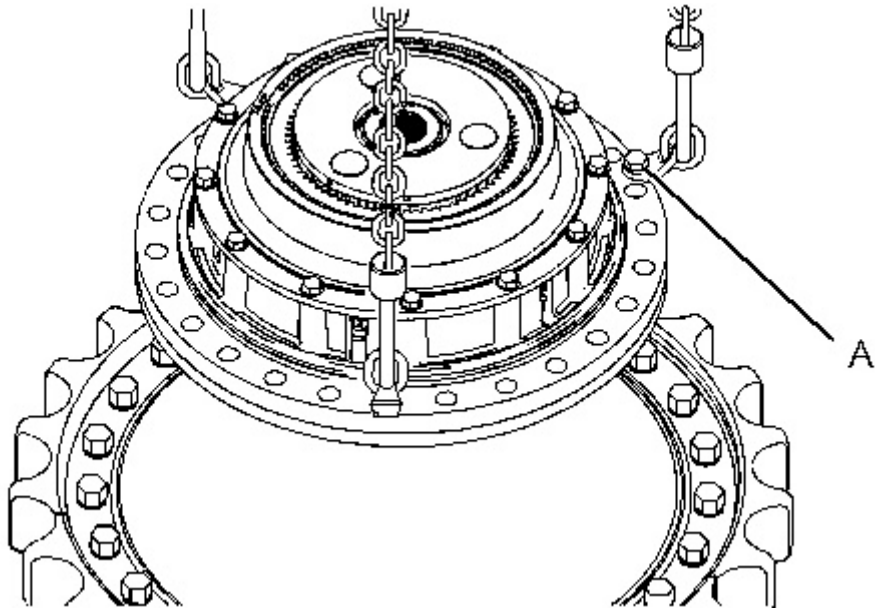


Illustration 3

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1. Position final drive (3), the planetary group, and brake hub (2) as shown in Illustration 3.
 2. Remove two bolts (1) that hold the planetary group and brake hub (2) to final drive (3).
 3. Install Tooling (B) in the hub of final drive (3).
 4. Tighten Tooling (B) evenly to remove the planetary group and brake hub (1) from final drive (3).
 5. Attach Tooling (A) and a suitable lifting device to the planetary group and brake hub (2). The weight of the planetary group and brake hub (2) is approximately 136 kg (300 lb).
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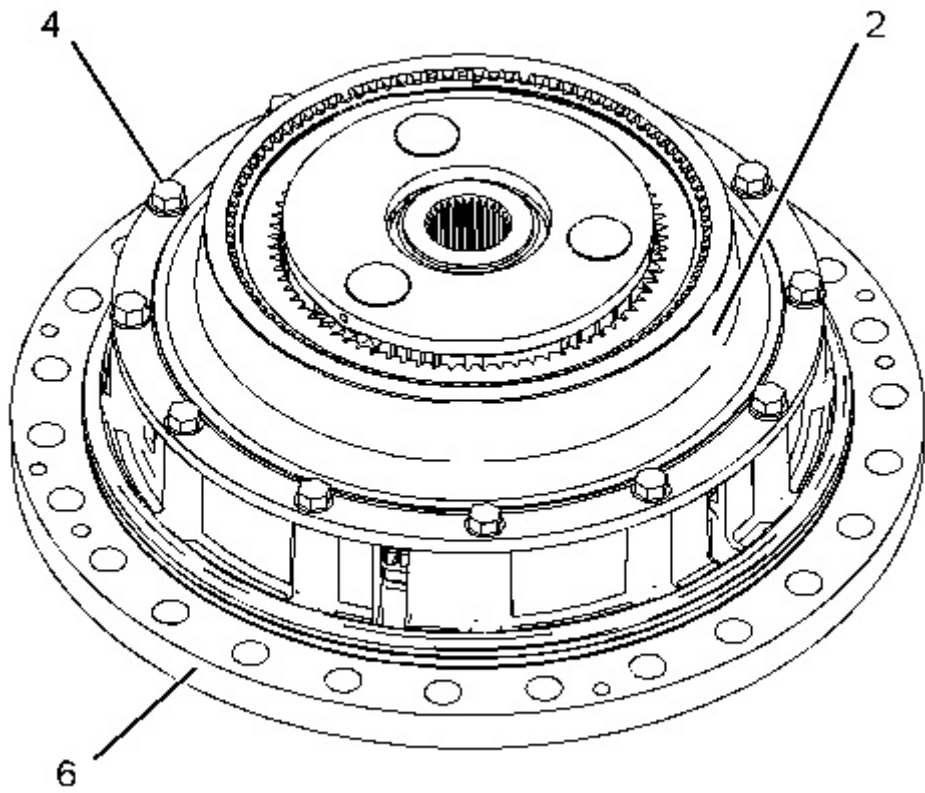


Illustration 4

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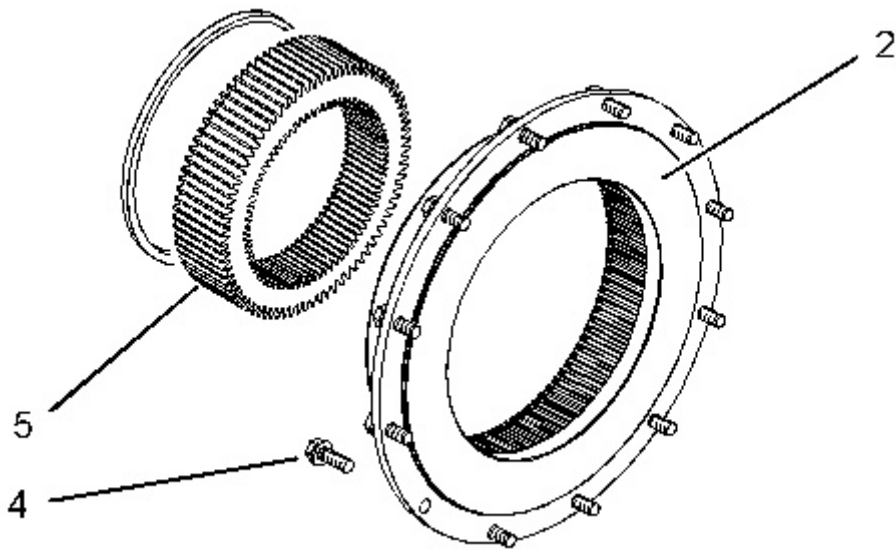


Illustration 5

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Personal injury can result from parts and/or covers under spring pressure.

Spring force will be released when covers are removed.

Be prepared to hold spring loaded covers as the bolts are loosened.

6. Remove bolts (4).
7. Remove brake hub (2) from housing (6).
8. Remove the retaining ring and ring gear (5) from brake hub (2).



Illustration 6

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9. Remove four friction discs (7) and three brake plates from housing (6).

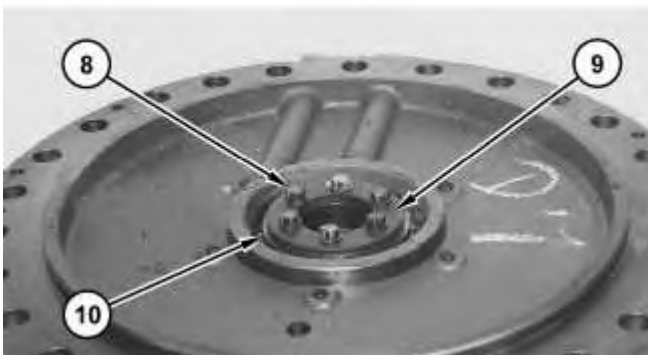


Illustration 7

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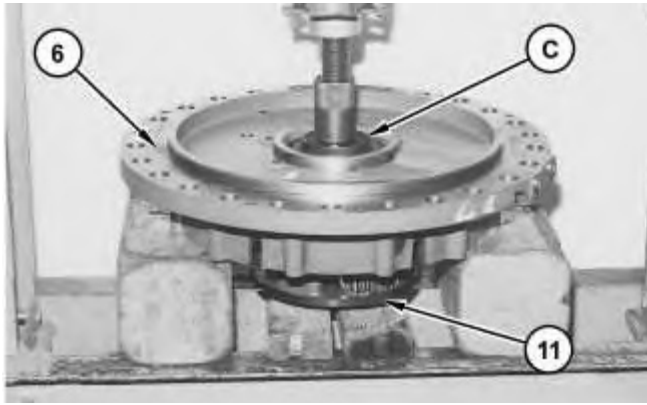


Illustration 8

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10. Remove bolts (8) and plate (9).

Note: Do not allow carrier (11) to fall when carrier (11) is pressed from housing (6).

11. Use a suitable press and Tooling (C) to remove carrier (11) from housing (6).

12. Remove bearing cone (10) from housing (6).



Illustration 9

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13. Remove ring (14) from carrier (11).

14. Remove bolts (13).

15. Remove slinger (12) from carrier (11).

Note: Damage to bearing cone (15) will result if removed from carrier (11).

16. If necessary, remove bearing cone (15) from carrier (11).

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