

6V-8237	Washer	1
8B-7549	Puller Leg	2
9S-7338	Crossblock	1

Start By:

- a. Remove the rear tires and rims. Refer to Disassembly and Assembly, "Tire and Rim - Remove".
- b. Release the hydraulic system pressure. Refer to Disassembly and Assembly, "Hydraulic System Pressure - Release".

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting, and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat products.

Dispose of all fluids according to local regulations and mandates.

1. Drain the oil from the front final drives into a suitable container.

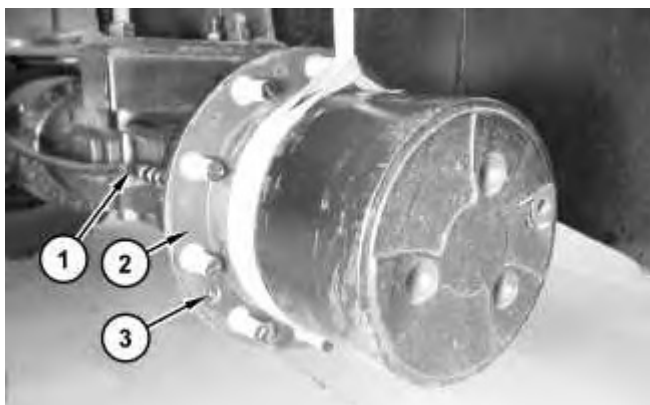


Illustration 1

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2. Attach a suitable lifting device to carrier housing (2).
3. Remove bolts (3).

4. Remove carrier housing (2). The weight of carrier housing (2) is approximately 31 kg (68 lb).
5. Disconnect hose assembly (1).

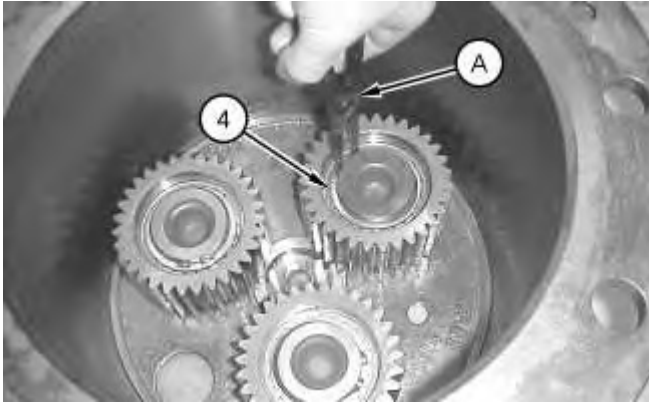


Illustration 2

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6. Use Tooling (A) in order to remove retaining rings (4).

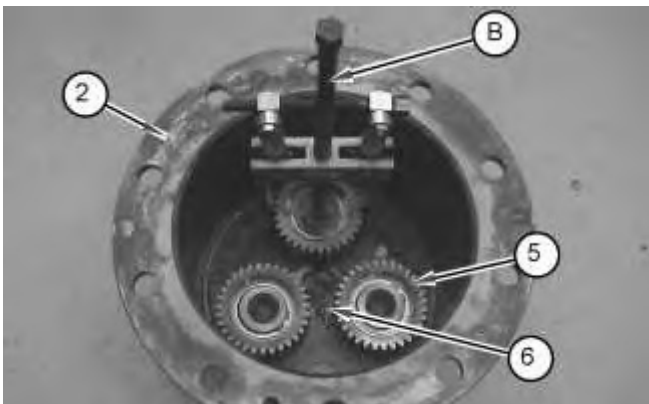
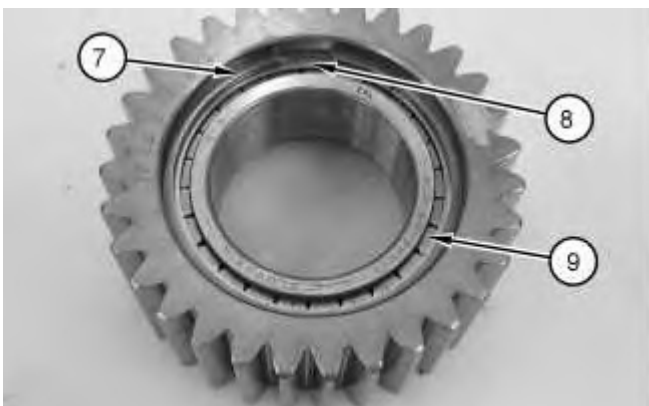


Illustration 3

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7. Use Tooling (B) in order to remove planetary gears (5) from carrier housing (2).
8. Remove thrust washer (6).



9. Remove retaining ring (7), washer (8), and roller bearing (9).



Illustration 5

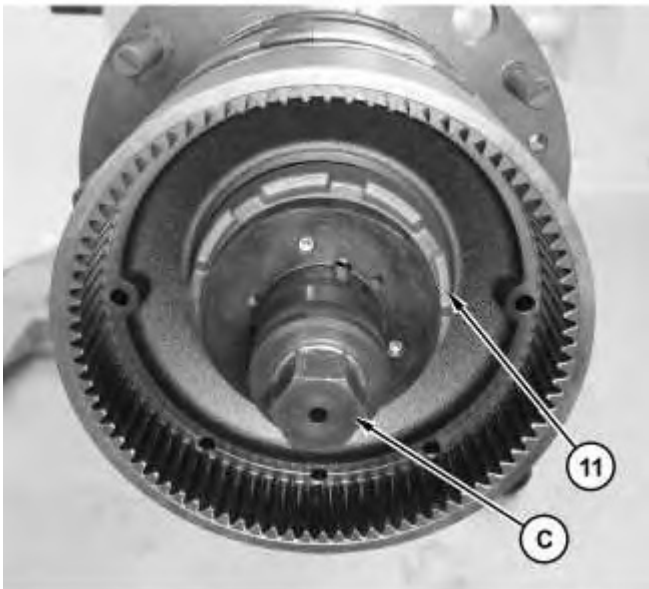


Illustration 6

10. Remove bolt (10). Use Tooling (C) in order to remove nut (11).
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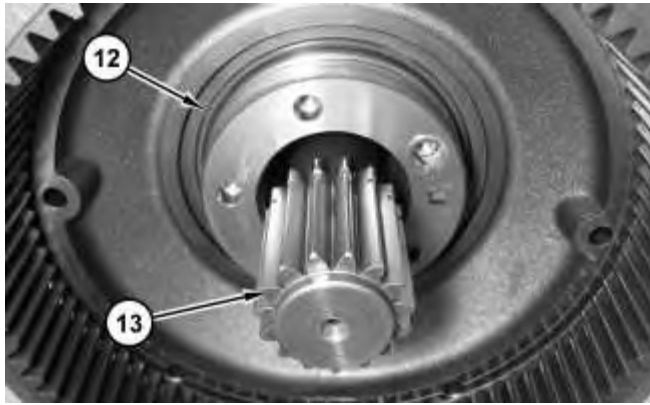


Illustration 7

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11. Remove O-ring seal (12). Remove stub shaft (13).



Illustration 8

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Note: Note the location of the alignment marks on ring gear housing (14) and the hub for assembly purposes.

12. Use Tooling (D) to remove ring gear housing (14).



Illustration 9

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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.

13. Remove the bolts, the springs, and retainers (15). Remove piston (16).



Illustration 10

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14. Remove O-ring seal (17), ring (18), O-ring seal (19), and ring (20).



Illustration 11

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15. Remove brake discs (21).

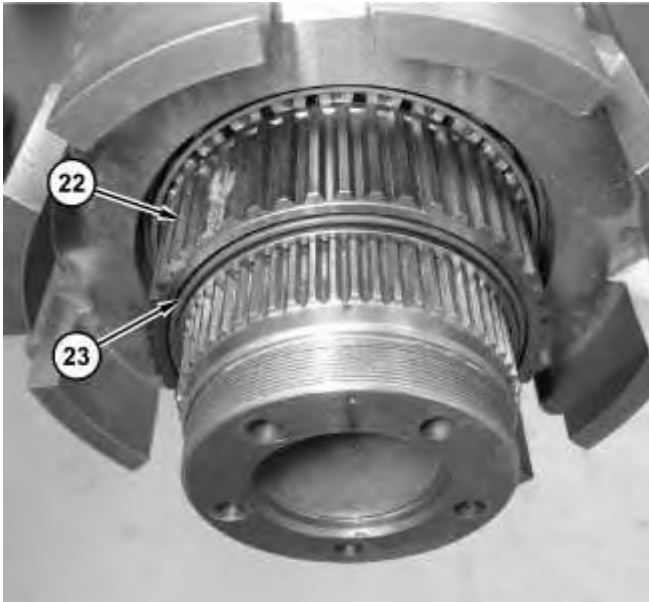


Illustration 12

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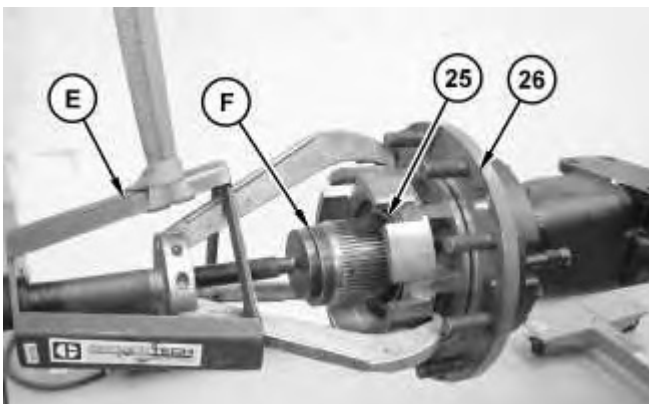
16. Remove O-ring seal (23). Use Tooling (D) in order to remove carrier gear (22).



Illustration 13

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17. Remove O-ring seal (24).



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