



Service Repair Manual

Models

924G and 924Gz Wheel Loader

Product: WHEEL LOADER

Model: 924GZ WHEEL LOADER WGX

Configuration: 924G 924Gz Wheel Loader WGX00001-UP (MACHINE) POWERED BY 3056E Engine

Disassembly and Assembly

IT28G Integrated Toolcarrier and 924G, 924GZ and 928G Wheel Loaders Power Train

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i01252992

Differential Pinion (Front) - Disassemble

SMCS - 3254-015-FR; 3269-015-FR

Disassembly Procedure

Start By:

- a. Remove the differential and bevel gear. Refer to Disassembly and Assembly, "Differential and Bevel Gear - Remove".

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.

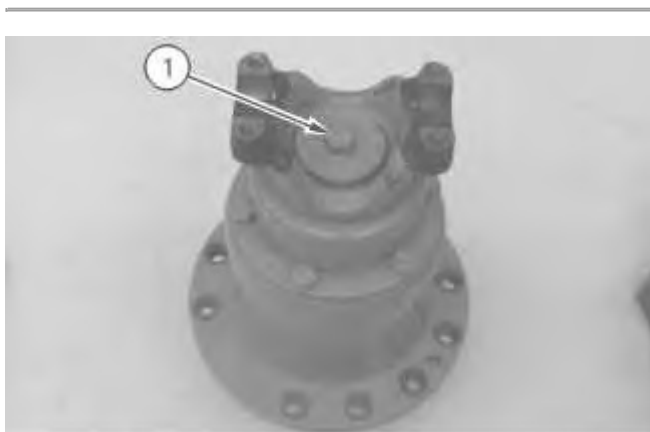


Illustration 1

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1. Remove the bolt and retainer (1).

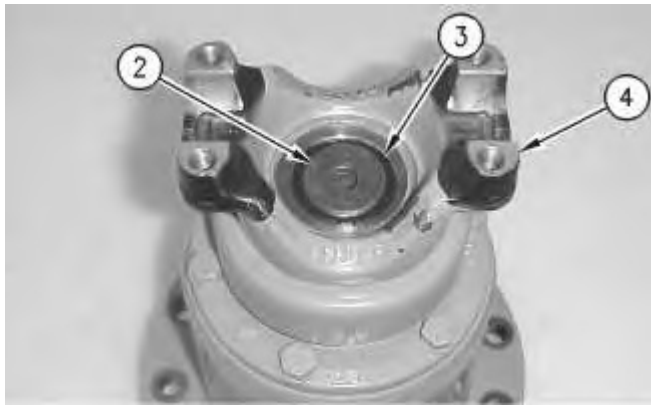


Illustration 2

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2. Remove shim pack (2), seal (3), and yoke assembly (4).



Illustration 3

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3. Remove six bolts (5) and retainer (6).

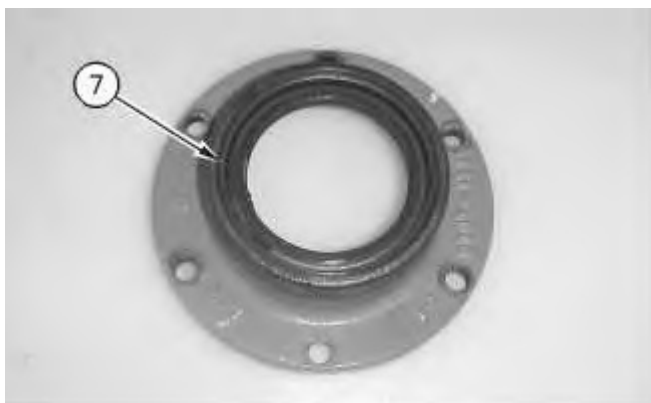


Illustration 4

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4. Remove seal (7).

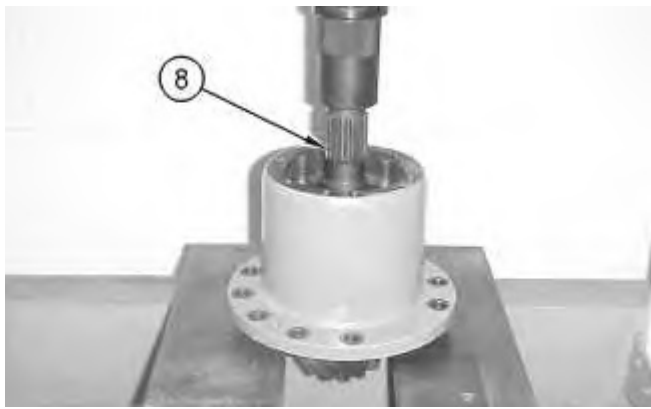


Illustration 5

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5. Use a suitable press in order to remove shaft assembly (8).



Illustration 6

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Note: Removal of the bearing will destroy the bearing.

6. Remove bearing cone (9).

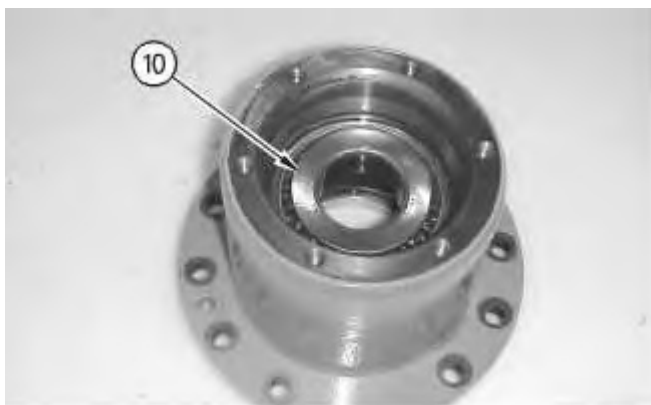


Illustration 7

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7. Remove bearing cone (10).

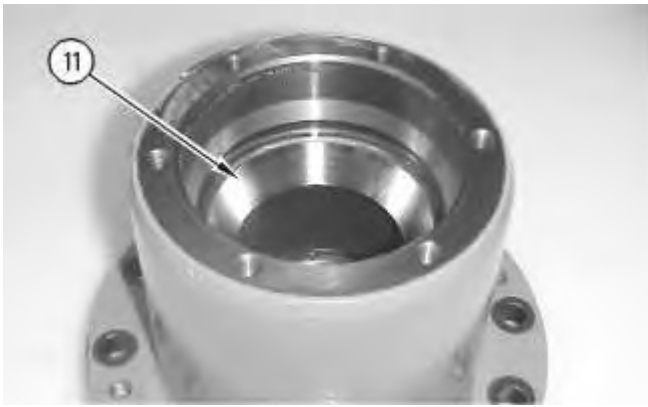


Illustration 8

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8. Remove bearing cup (11).



Illustration 9

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9. Remove bearing cup (12).

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