



Service Repair Manual

Models

962G Wheel Loader

Product: WHEEL LOADER

Model: 962G WHEEL LOADER 4PW

Configuration: 962G Wheel Loader 4PW00001-UP (MACHINE) POWERED BY 3126 Engine

Disassembly and Assembly

950G and 962G Wheel Loaders and IT62G Integrated Toolcarrier Power Train

Media Number -SEN1381-10

Publication Date -01/10/2007

Date Updated -25/10/2007

i00734834

Output Transfer Gears - Disassemble

SMCS - 3075-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0520	Driver Group	1
	1P-2322	Puller Assembly	1
B	8B-7556	Adapter	2
	8B-7548	Push-Puller	1
	8B-7560	Step Plate	1
	8H-0684	Ratchet Box Wrench	1
C	8B-7551	Bearing Puller Attachment	1

Start By:

- A. Separate the output transfer gears from the transmission planetary group. Refer to Disassembly and Assembly, "Transmission from Output Transfer Gears - Separate".

Note: Cleanliness is an important factor. Before disassembly, the exterior of the case should be thoroughly cleaned in order to prevent dirt and debris from entering the internal mechanism. During disassembly, all parts should be thoroughly cleaned in cleaning fluid. Then allow the parts to air dry. Wiping cloths or rags should not be used to dry the parts. Lint may be deposited on the parts. This may cause later trouble.

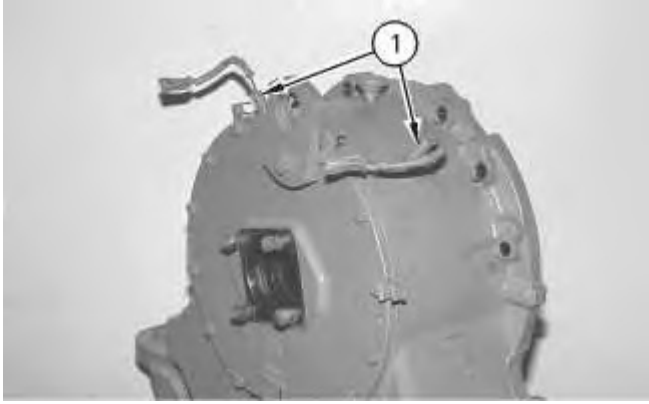


Illustration 1

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1. Remove speed sensors (1) .

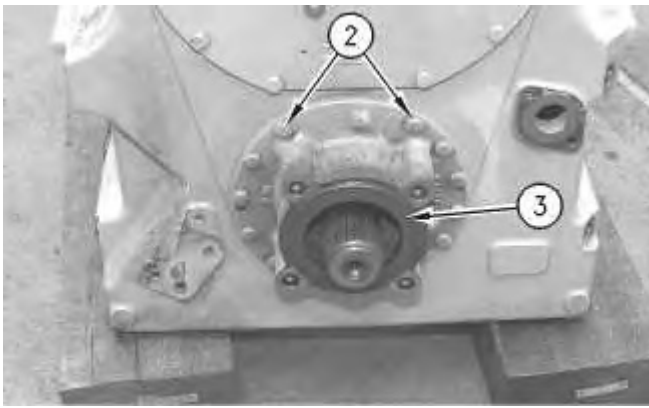


Illustration 2

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Note: Keep the shim pack together for assembly purposes.

2. Remove bolts (2). Use two forcing screws of a suitable size to remove bearing cage assembly (3) and the shim pack.
3. Remove the lip seal, the O-ring seal and the bearing cup from bearing cage assembly (3) .



Illustration 3

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4. Put the output transfer gear group on wood blocks, as shown. The weight of the output transfer gear group is 231 kg (510 lb).
5. Remove lifting eye bracket (4) .

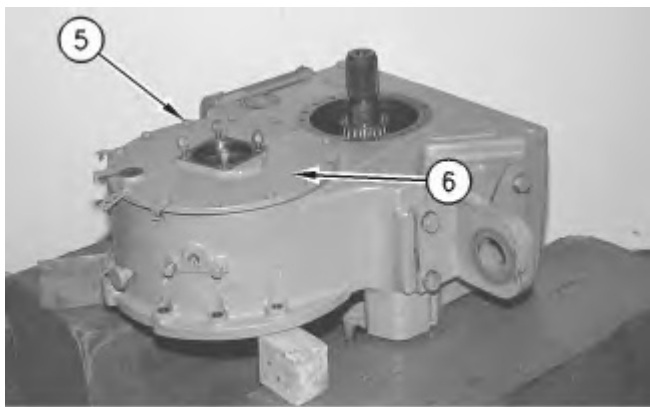
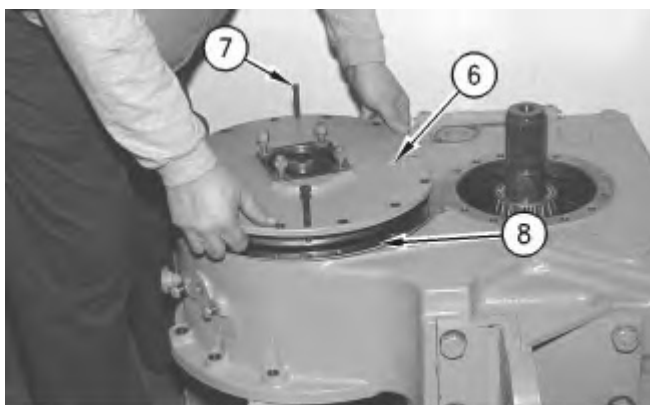


Illustration 4

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6. Remove bolts (5) that hold bearing cage assembly (6) to the housing.



- Use two 3/8" - 16 NC forcing screws (7) to remove bearing cage assembly (6) from the housing.

Note: Keep the shim pack together for assembly purposes.

- Remove shim pack (8) .

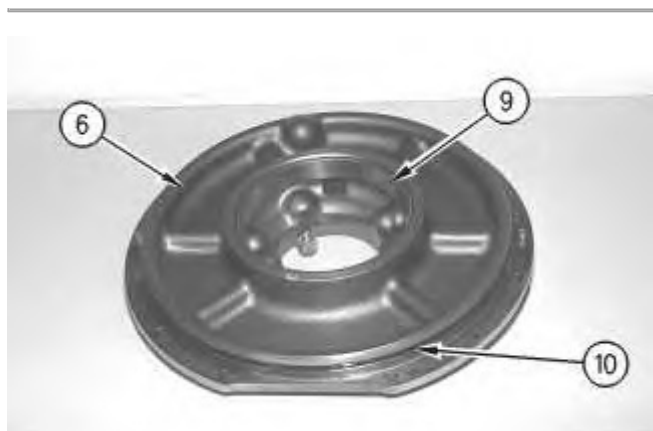


Illustration 6

- Remove bearing cup (9) and O-ring seal (10) from bearing cage assembly (6) .

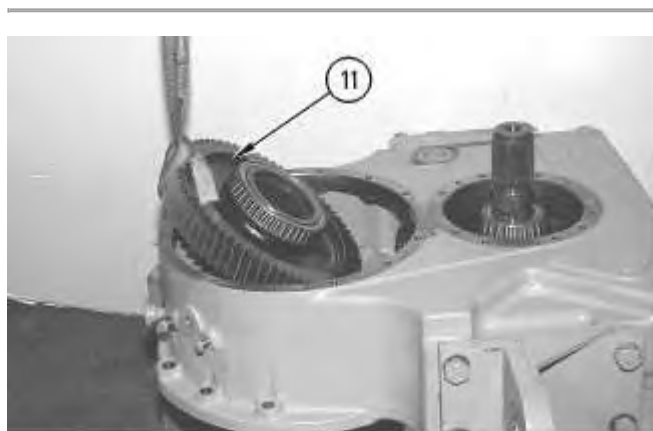


Illustration 7

- Fasten a suitable lifting sling and a hoist to input transfer gear (11). Use a hoist to remove input transfer gear (11). The weight of the input transfer gear is 23 kg (50 lb).
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