



# Service Repair Manual

## **Models**

# 980H WHEEL LOADER

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Product: WHEEL LOADER

Model: 980H WHEEL LOADER PF8

Configuration: 980H Wheel Loader PF800001-UP (MACHINE) POWERED BY C15 Engine

## Disassembly and Assembly

### 980H Wheel Loader

### Power Train

Media Number -UENR3319-00

Publication Date -01/02/2014

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i05584317

## Torque Converter - Assemble

SMCS - 3101-016

## Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	439-3938	Link Bracket	3
B	8T-5096	Dial Indicator Gp	1
	5P-2390	Gauge Tool Gp	1
C	1P-0520	Driver Gp	1
D	-	Guide Stud 3/8 - 16 by 6 in	2
E	-	Guide Stud 1/2 - 13 by 6 in	2

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### NOTICE

**Keep all parts clean from contaminants.**

**Contaminants may cause rapid wear and shortened component life.**

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**Note:** Apply oil to all of the bearings before assembly.

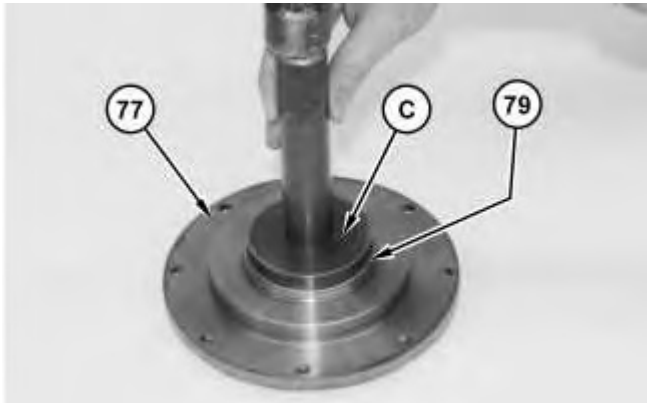


Illustration 1

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1. Use Tooling (C) in order to install sleeve bearing (79) in cover assembly (77). Sleeve bearing (79) must be even with the outside surface of cover assembly (77) .

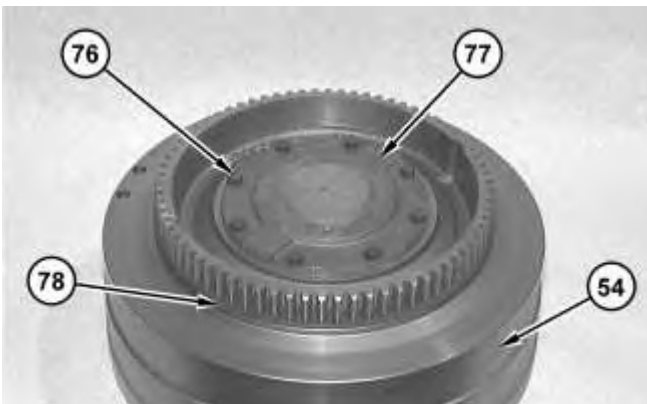


Illustration 2

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2. Install cover assembly (77) to rotating housing (54) .
  3. Install ring seal (78) to rotating housing (54) .
  4. Install bolts (76) and the washers. Tighten bolts (76) to a torque of  $30 \pm 5 \text{ N}\cdot\text{m}$  ( $22 \pm 4 \text{ lb ft}$ ).
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Illustration 3

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5. Install thrust bearing race (75), thrust bearing (74), and thrust bearing race (73) .

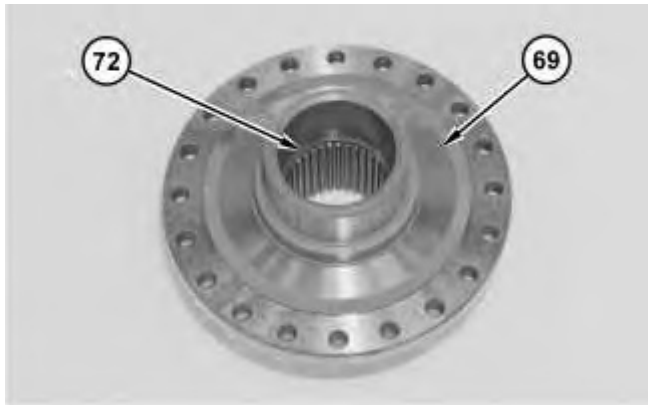


Illustration 4

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6. Install retaining ring (72) in turbine hub (69) .

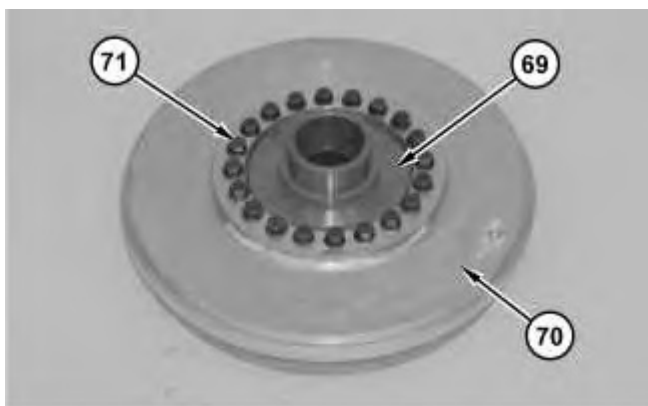


Illustration 5

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7. Install converter turbine (70) on turbine hub (69) .

8. Install bolts (71) and the washers. Tighten bolts (71) to a torque of  $50 \pm 7 \text{ N}\cdot\text{m}$  ( $37 \pm 5 \text{ lb ft}$ ).

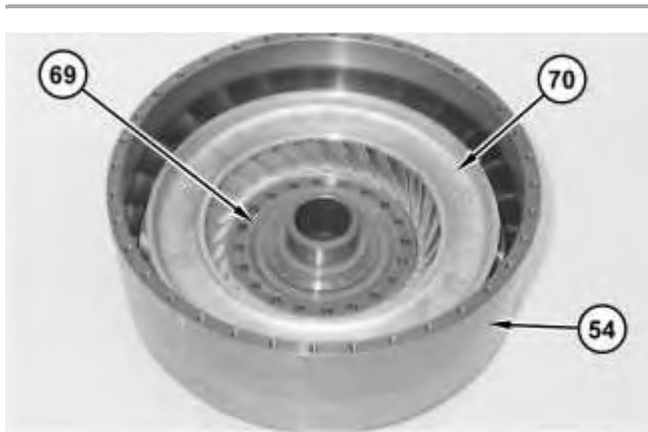


Illustration 6

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9. Install turbine hub (69) and converter turbine (70) as a unit to rotating housing (54) .

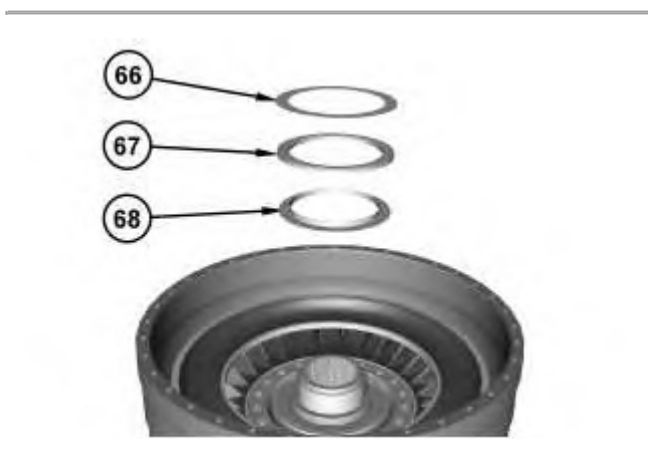
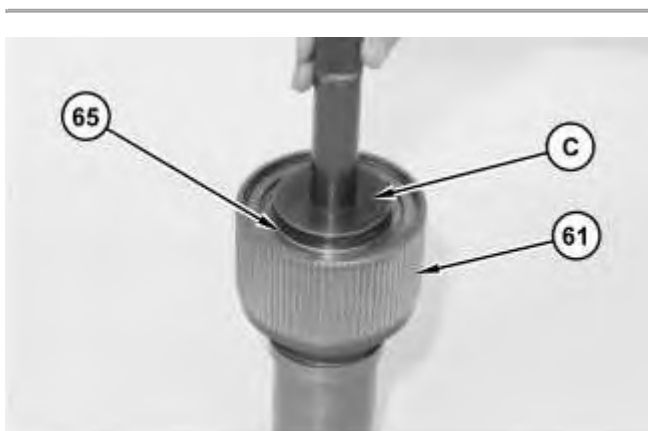


Illustration 7

g03543002

10. Install thrust bearing race (68), thrust bearing (67), and thrust bearing race (66) .



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