



# Service Repair Manual

## **Models**

# 980H WHEEL LOADER

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Product: WHEEL LOADER

Model: 980H WHEEL LOADER A8J

Configuration: 980H WHEEL LOADER A8J00001-03999 (MACHINE) POWERED BY C15 ENGINE

## Disassembly and Assembly 980H Wheel Loader Power Train

Media Number -REN8667-08

Publication Date -01/09/2018

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i05903427

# Torque Converter (Freewheel Stator) - Assemble

SMCS - 3101-016

## Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7573	Link Bracket	3
G	8T-5096	Dial Indicator Test Group	1
	5P-2390	Gauge Tool Group	1
H	1P-0520	Driver Group	1
J	-	Guide Pin (3/8 - 16 by 8 in)	2
K	-	Guide Pin (1/2 - 13 by 3 in)	3
L	2P-8312	Retaining Ring Pliers	1

**Note:** Cleanliness is an important factor. Before assembly, thoroughly cleaned in cleaning fluid. Allow the parts to air dry. Wiping cloths or rags should not be used to dry parts. Lint may be deposited on the parts which may cause later trouble. Inspect all parts. If any parts are worn or damaged, use new parts for replacement.

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

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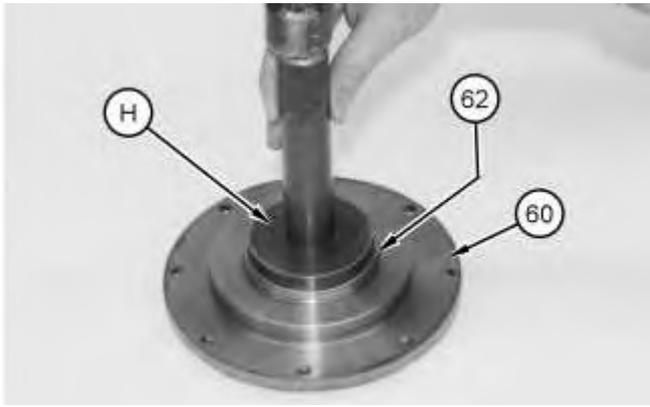


Illustration 1

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1. Use Tooling (H) to install sleeve bearing (62) in cover assembly (60) . Sleeve bearing (62) must be even with the outside surface of cover assembly (60) .

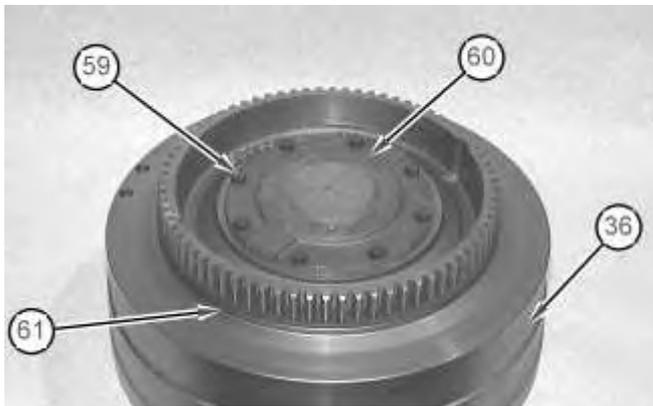


Illustration 2

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2. Install ring seal (61) to rotating housing (36) .
3. Install cover assembly (60) to rotating housing (36) .
4. Install bolts (59) and the washers to cover assembly (60) . Tighten the bolts to a torque of  $30 \pm 5 \text{ N}\cdot\text{m}$  ( $22 \pm 4 \text{ lb ft}$ ).

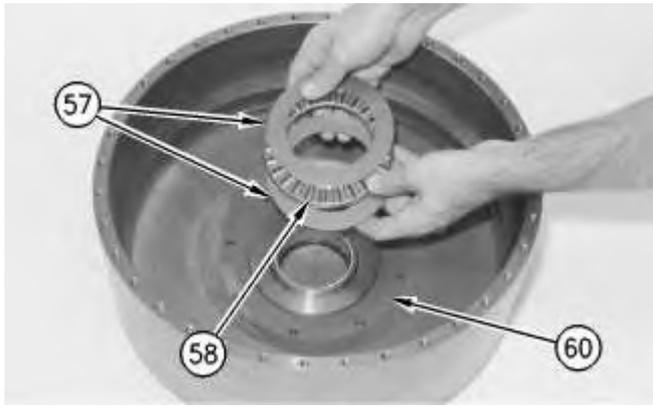


Illustration 3

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5. Install races (57) and thrust bearing (58) to cover assembly (60) .



Illustration 4

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6. Install retaining ring (56) in turbine hub (54) .

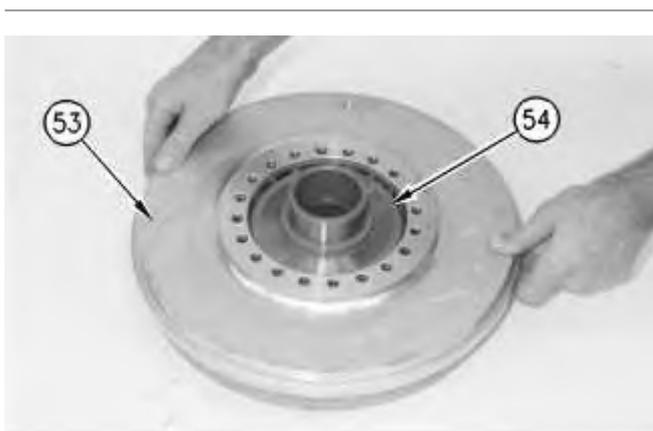


Illustration 5

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7. Install turbine (53) on hub (54) .

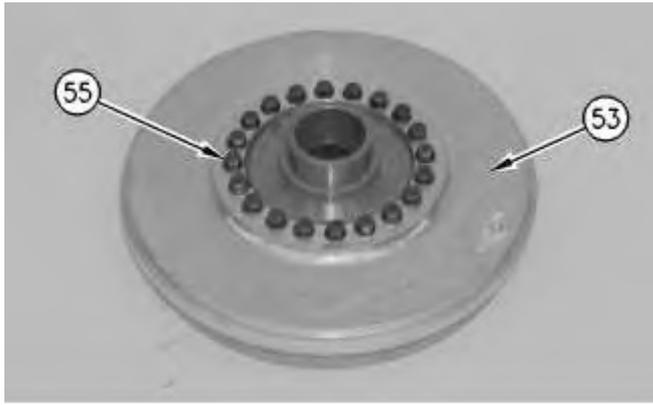


Illustration 6

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8. Install bolts (55) and the washers to turbine (53) . Tighten the bolts to a torque of  $50 \pm 7$  N·m ( $37 \pm 5$  lb ft).

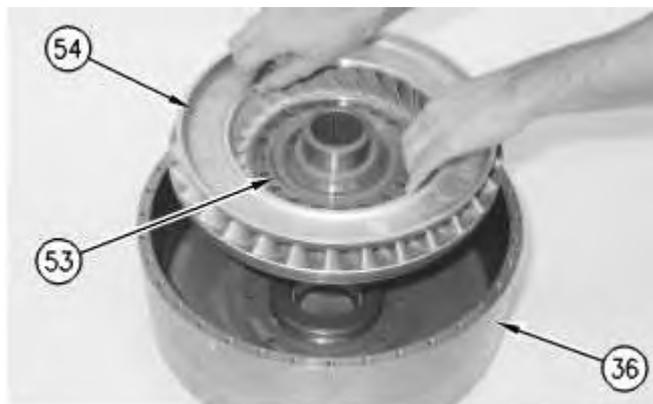
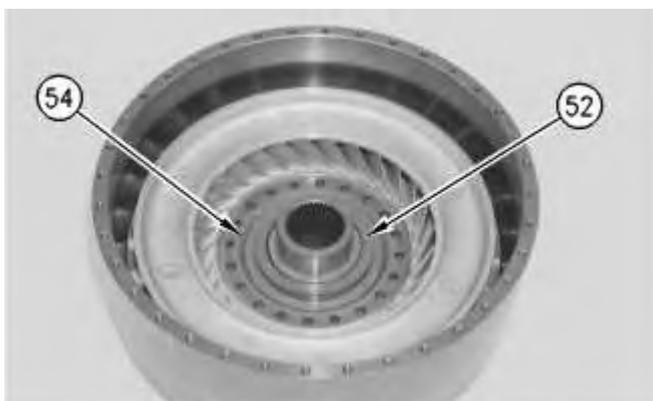


Illustration 7

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9. Install hub (54) and turbine (53) as a unit to rotating housing (36) .



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