



Service Repair Manual

Models

966H WHEEL LOADER

Product: WHEEL LOADER

Model: 966H WHEEL LOADER A6J

Configuration: 966H WHEEL LOADER A6J01801-UP (MACHINE) POWERED BY C11

Disassembly and Assembly 966H and 972H Wheel Loaders Power Train

Media Number -REN8847-07

Publication Date -01/03/2013

Date Updated -04/03/2013

i03894987

Torque Converter (Freewheel Stator) - Assemble

SMCS - 3101-016

S/N - A6D1-UP

S/N - A6G1-UP

S/N - A6J1-UP

S/N - RYF1-UP

S/N - TAL1-UP

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7575	Link Bracket	2
B	1P-0510	Driver Gp	1
C	2P-8312	Retaining Ring Pliers	1
D	7F-6068	Sleeve	1

Note: Cleanliness is an important factor. Before assembly, all parts should be 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.



Illustration 1

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1. Install bearing (37) and ring (38) on rotating housing (13) .

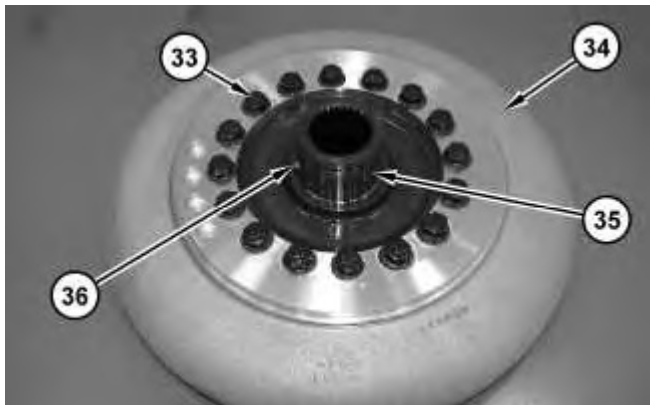
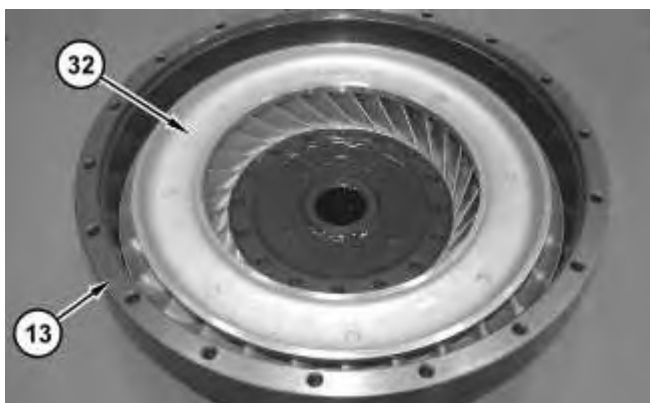


Illustration 2

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1. Install locating dowel (36) in turbine hub assembly (35) .
2. Install turbine hub assembly (35) to turbine (34). Install bolts (33) and the washers. The torque for bolts (33) is 60 ± 7 N·m (44 ± 5 lb ft).



3. Turn rotating housing (13) onto opposite side. Install turbine (32) .

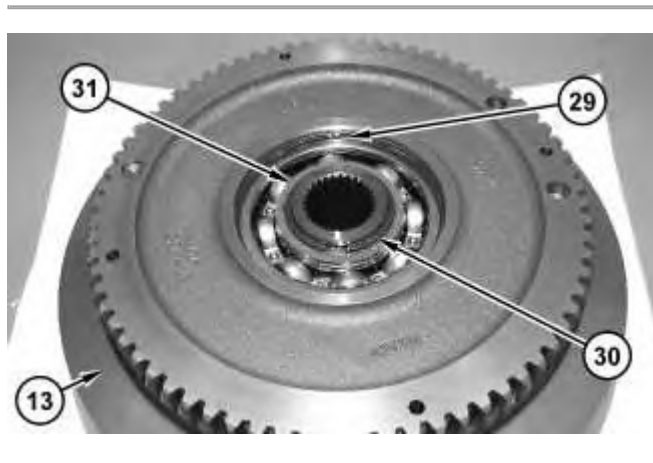


Illustration 4

4. Install bearing spacer (31) .
5. Use Tooling (C) in order to install retaining ring (30) on turbine hub assembly (13). Retaining ring (30) must be securely seated in the groove.
6. Install O-ring seal (29) .

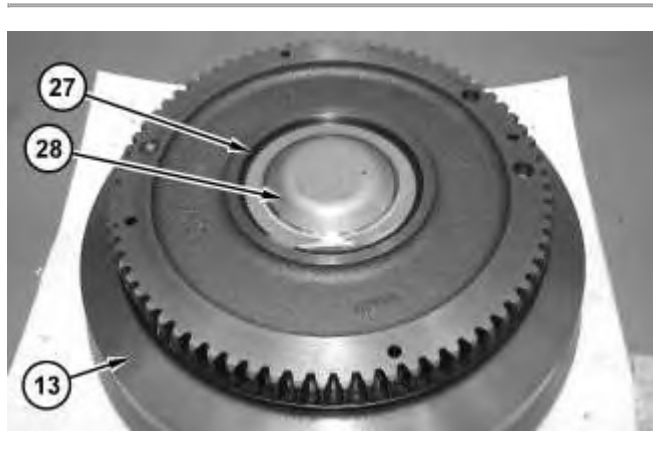


Illustration 5

7. Install end cover (28) and retaining ring (27) in rotating housing (13) .
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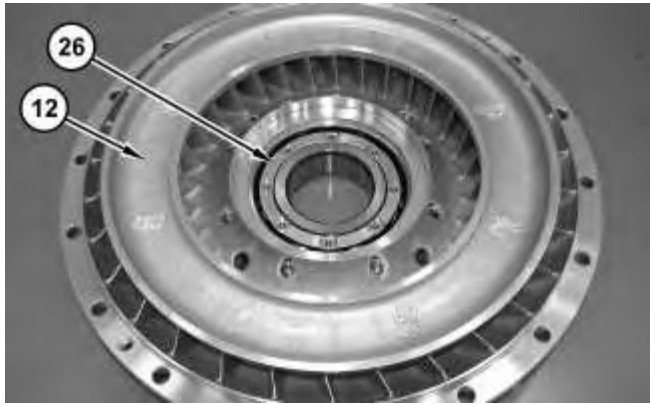


Illustration 6

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8. Lower the temperature of bearing (26) .
9. Install bearing (26) in impeller (12) .



Illustration 7

g02143664

10. Install drive gear (25). The torque for bolts (25A) is 105 ± 15 N·m (75 ± 11 lb ft).

Note: If the torque converter is equipped with a freewheel stator, continue with Steps 11 through 16.

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