



# Service Repair Manual

## **Models**

# 980M Wheel Loader

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Product: WHEEL LOADER

Model: 980M WHEEL LOADER N8T

Configuration: 980M Wheel Loader N8T00001-UP (MACHINE) POWERED BY C13 Engine

## Disassembly and Assembly 980M and 982M Wheel Loaders Power Train

Media Number -UENR3097-03

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i06838485

# Torque Converter - Assemble - Lock Up Clutch with Freewheel Stator

SMCS - 3101-016

## Assembly Procedure

Table 1

| Required Tools |             |                                  |     |
|----------------|-------------|----------------------------------|-----|
| Tool           | Part Number | Part Description                 | Qty |
| A              | 439-3938    | 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 Stud<br>(3/8 - 16 by 8 in) | 2   |
| K              | -           | Guide Stud<br>(1/2 - 13 by 3 in) | 3   |
| L              | 2P-8312     | Retaining Ring Pliers            | 1   |

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Illustration 1

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1. Install seals (64).



Illustration 2

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2. Install adapter (63), hub (62), and bolts (61) onto impeller (54). Tighten bolts (61) to a torque of  $105 \pm 14 \text{ N}\cdot\text{m}$  ( $77 \pm 10 \text{ lb ft}$ ).



Illustration 3

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3. Install bearing (60).

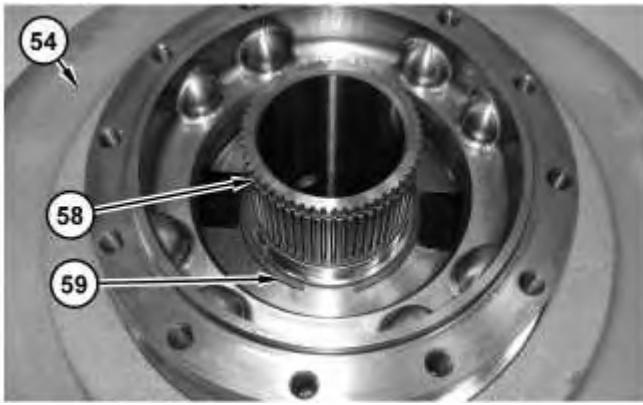


Illustration 4

g02735374

4. Install carrier assembly (58) and retaining ring (59) onto impeller (54).



Illustration 5

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5. Raise the temperature of bearing (57). Install bearing (57) onto hub (55).
6. Install seal ring (56).



Illustration 6

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Illustration 7

g02735333

7. Install hub (55) and retaining ring (56) onto impeller (54).

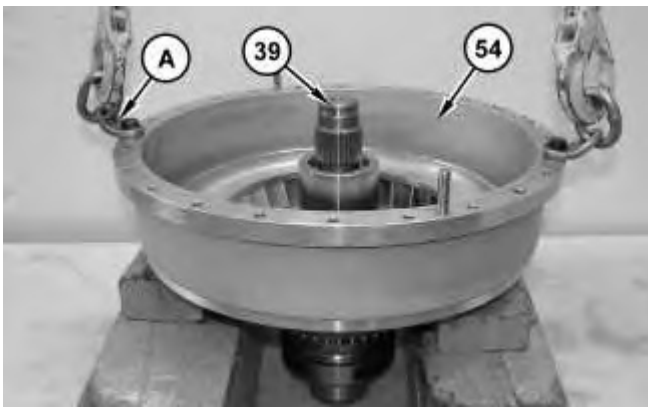


Illustration 8

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8. Attach Tooling (A) and a suitable lifting device to impeller (54). The weight of impeller (54) is approximately 27 kg (60 lb).
9. Position impeller (54) onto shaft assembly (39).



Illustration 9

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10. Install retaining ring (53) (not shown) and plate (52) onto stator (46).

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