



# Service Repair Manual

## **Models**

992K Wheel Loader

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Product: WHEEL LOADER

Model: 992K WHEEL LOADER H4C

Configuration: 992K Wheel Loader H4C00001-UP (MACHINE) POWERED BY C32 Engine

## Disassembly and Assembly 992K Wheel Loader and 854K Wheel Dozer Power Train

Media Number -REN8912-03

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i02926664

# Torque Converter - Disassemble

SMCS - 3101-015

## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	154-6183	Forcing Bolt	2
B	138-7574	Link Bracket	2
C	138-7573	Link Bracket	3
D	154-6184	Forcing Bolt	3
E	5J-0490	Forcing Bolt	2
F	0S-1614	Bolt	1
	5P-0537	Hard Washer	1
G	9X-8876	Bolt	2
	1F-7958	Nut	2
H	138-7575	Link Bracket	3
J	2D-1201	Eyebolt	1
K	1P-0520	Driver Gp	

### Start By:

- a. Remove the torque converter. Refer to Disassembly and Assembly, "Torque Converter - Remove".

- b. Remove the modulating valve. Refer to Disassembly and Assembly, "Modulating Valve (Torque Converter Lockup Clutch) - Remove and Install".
- c. Remove the modulating valve. Refer to Disassembly and Assembly, "Modulating Valve (Torque Converter Impeller Clutch) - Remove and Install".
- d. Remove the outlet relief valve. Refer to Disassembly and Assembly, "Relief Valve (Torque Converter Outlet) - Remove".
- e. Remove the torque converter priority valve. Refer to Disassembly and Assembly, "Torque Converter Priority Valve - Remove".
- f. Remove the transmission pump. Refer to Disassembly and Assembly, "Transmission Pump - Remove".
- g. Remove the steering piston pump. Refer to Disassembly and Assembly, "Piston Pump (Steering) - Remove".
- h. Remove the brake piston pump. Refer to Disassembly and Assembly, "Piston Pump (Brake) - Remove".
- i. Remove the implement piston pump. Refer to Disassembly and Assembly, "Piston Pump (Implement, RH) - Remove".
- j. Remove the implement piston pump. Refer to Disassembly and Assembly, "Piston Pump (Implement, Center) - Remove".
- k. Remove the piston pump. Refer to Disassembly and Assembly, "Piston Pump (Hydraulic Fan) - Remove".

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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:** Cleanliness is an important factor. Before you begin the disassembly procedure, the exterior of the components should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism. Precision components can be damaged by contaminants or by dirt. Perform disassembly procedures on a clean work surface. Keep components covered and protected at all times.

1. Position the torque converter housing assembly onto suitable cribbing. The weight of the torque converter housing assembly is approximately 1250 kg (2850 lb).
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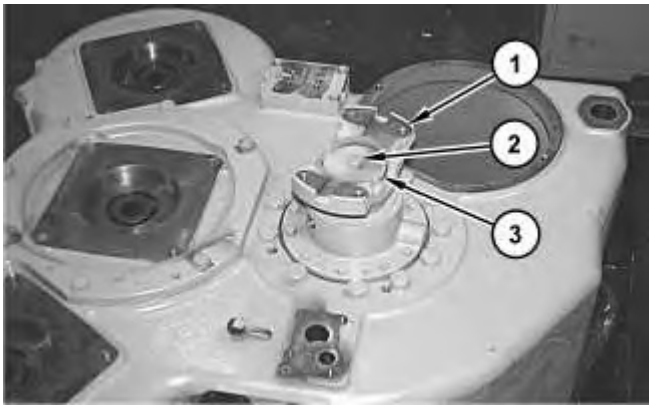


Illustration 1

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2. Remove bolt (2), retainer (3) and yoke (1).

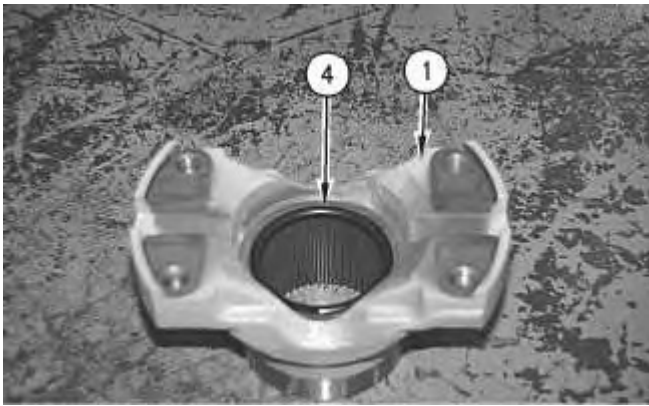


Illustration 2

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3. Remove O-ring seal (4) from yoke (1).

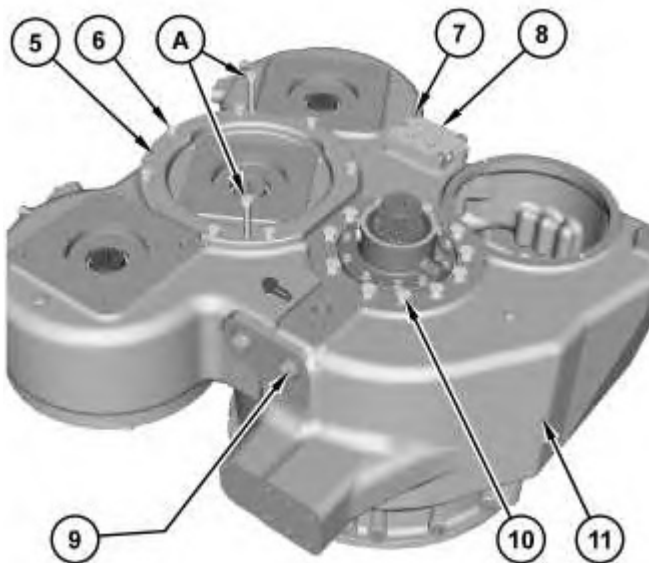


Illustration 3

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4. Remove bolts (6) and bolts (10).
5. Remove bolts (7), manifold (8), and the O-ring seals.
6. Remove orifice plug (9) (not shown) and the O-ring seal.
7. Install Tooling (A). Use Tooling (A) in order to separate pump adapter (5) from housing assembly (11).

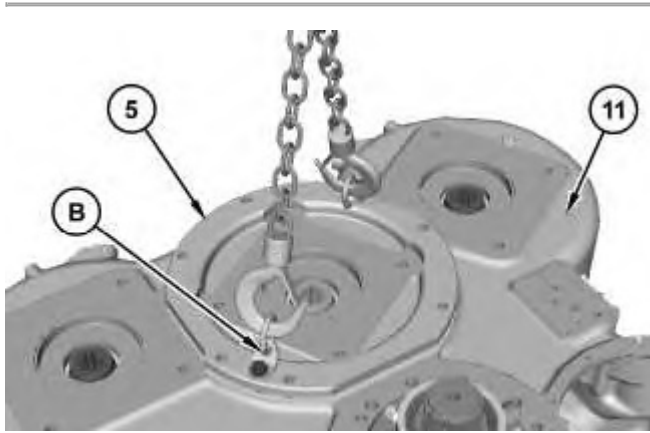


Illustration 4

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8. Attach Tooling (B) and a suitable lifting device to pump adapter (5). The weight of pump adapter (5) is approximately 50 kg (110 lb). Use Tooling (B) and the suitable lifting device in order to remove pump adapter (5) from housing assembly (11).



Illustration 5

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9. Remove lip seal (13), bearing cup (12), and O-ring seals (14) from pump adapter (5).
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