



# Service Repair Manual

## **Models**

# 938G WHEEL LOADER

---

Product: WHEEL LOADER

Model: 938G WHEEL LOADER 8RS

Configuration: 938G WHEEL LOADER 8RS00001-00610 (MACHINE) POWERED BY 3126 ENGINE

## Disassembly and Assembly

### IT38G Integrated Toolcarrier and 938G Wheel Loader Power Train

Media Number -SEN6787-07

Publication Date -01/08/2007

Date Updated -06/08/2007

i01382038

## Transmission - Disassemble

SMCS - 3030-015

## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7573	Link Bracket	1
B	8B-7548	Push-Puller Tool Gp	1
C	1P-2420	Transmission Repair Stand	1
D	2P-8312	Retaining Ring Pliers	1
E	8S-2328	Dial Indicator Gp	1
F	9U-7480	Compressing Tube	1
G	1P-1863	Retaining Ring Pliers	1
H	9U-7479	Compressing Tube	1
I	1U-6341	Threaded Rod	1
J	5P-7970	Nut	1

### Start By:

- Separate the transmission from the torque converter. Refer to Disassembly and Assembly, "Transmission and Torque Converter - Separate".

**Note:** Cleanliness is an important factor. Before the disassembly procedure, the exterior of the component should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism.

**Note:** Put identification marks on all sections of the transmission for assembly purposes.

---

## NOTICE

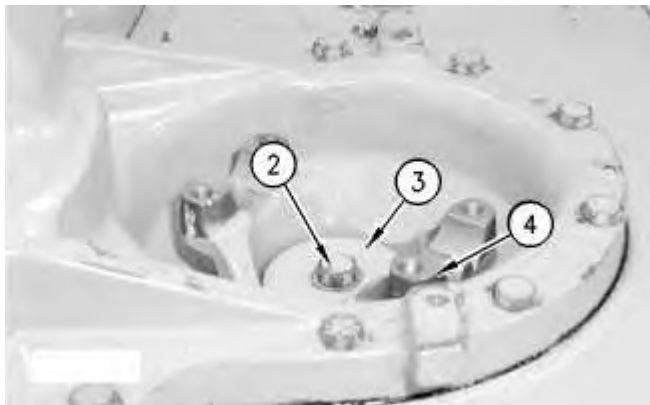
**Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.**

**Refer to Special Publication, NENG2500, "Caterpillar Tools and Shop Products Guide" for tools and supplies suitable to collect and contain fluids on Caterpillar products.**

**Dispose of all fluids according to local regulations and mandates.**

---

1. Drain the transmission fluid into a suitable container for storage or disposal. The capacity of the transmission is 30 L (8 US gal).



---

Illustration 1

g00730160

2. Remove bolt (2), retainer (3), and yoke (4) .
-

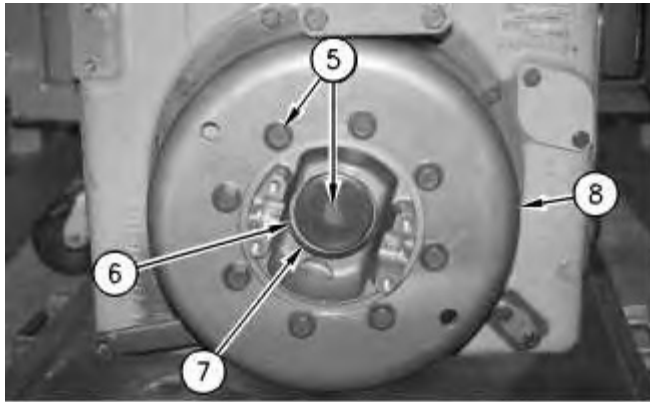


Illustration 2

g00743708

3. Remove bolts (5) and remove retainer (6). Check O-ring seal (7) for damage or wear. Replace the seal, if it is necessary. The O-ring seal (7) is located behind retainer (6). Remove brake drum (8) .

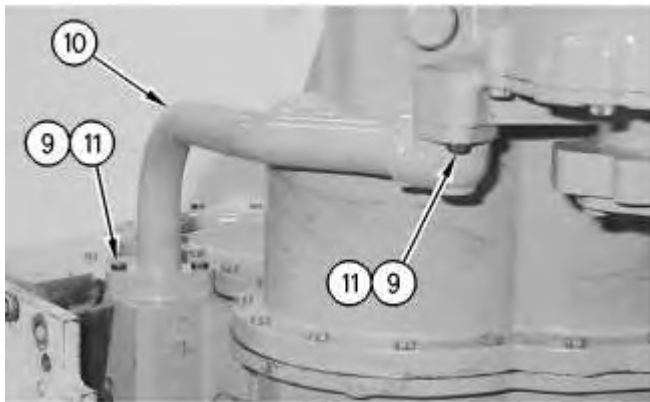


Illustration 3

g00743715

4. Remove four bolts (9). Remove tube assembly (10) .
5. Check O-ring seal (11) for damage or wear. The O-ring seal (11) is located on each end of the tube assembly. Replace the seal if it is necessary.



Illustration 4

g00747980

6. Remove the transmission cover.

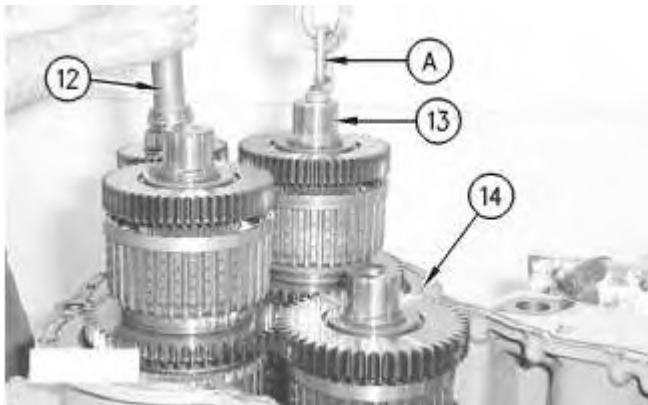


Illustration 5

g00730163

7. Install Tooling (A) to shaft (13). Attach a hoist and a suitable lifting sling to Tooling (A) .

**Note:** Hold input shaft (12) away from shaft (13) for clearance.

8. Use the hoist to lift shaft (13) straight up out of transmission case. The weight of shaft (13) is 41 kg (90 lb).

Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)