



# Service Repair Manual

## **Models**

# 990K Wheel Loader

---

Product: WHEEL LOADER

Model: 990K WHEEL LOADER K9X

Configuration: 990K Wheel Loader K9X00001-UP (MACHINE) POWERED BY C27 Engine

## Disassembly and Assembly 844K Wheel Dozer and 990K Wheel Loader Power Train

Media Number -UENR6577-01

Publication Date -01/07/2017

Date Updated -05/07/2017

i06541228

# Transmission Planetary - Disassemble

SMCS - 3160-015

## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-2420	Transmission Repair Stand	1
B	439-3940	Link Bracket	2
C	439-3938	Link Bracket	2
D	1P-1863	Retaining Ring Pliers	1
E	1P-0520	Driver Gp	1
F	FT-0833	Clamp	2
G	1P-1861	Retaining Ring Pliers	1
H	6L-7283	Bolt	3
J	5B-4274	Forcing Bolt	2

### Start by:

Separate the Transmission from Input Transfer Gears and Output Transfer Gears.

Remove the Relief Valve (Transmission Hydraulic Control).

**Note:** Put orientation and location marks for installation purposes.

**Note:** When the transmission is disassembled, keep the clutch plates and the clutch discs in the original sequence.

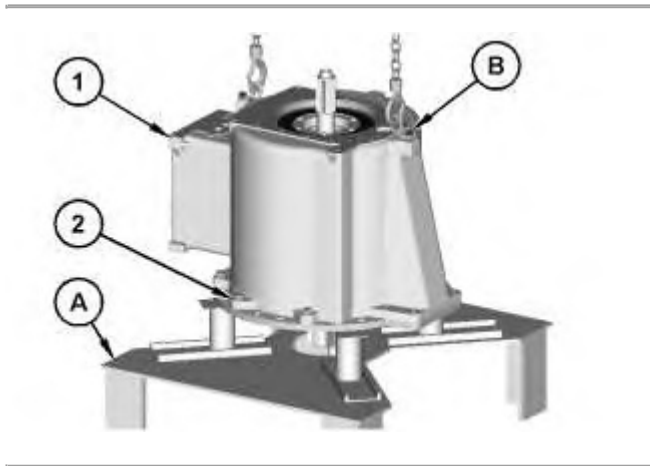


Illustration 1

g06014463

1. Position the transmission onto Tooling (A), as shown. The weight of the transmission is approximately 1100 kg (2425 lb).
2. Attach Tooling (B) and a suitable lifting device to transmission case assembly (1).
3. Remove bolts (2).

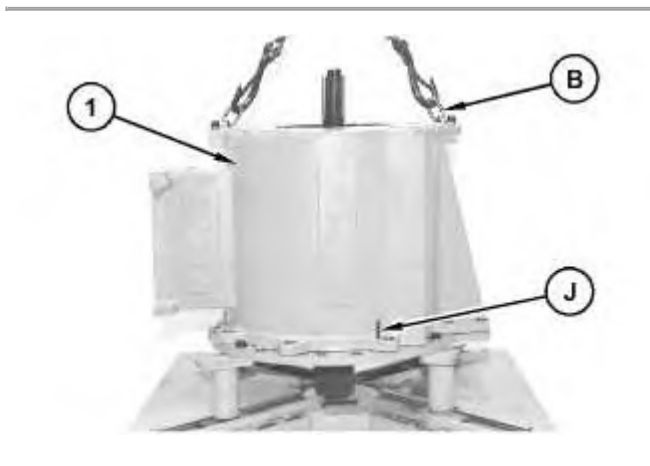


Illustration 2

g06014472

4. Use Tooling (J) to separate transmission case assembly (1) from the housing assembly. Use Tooling (B) and a suitable lifting device to remove transmission case assembly (1). The weight of transmission case assembly (4) is approximately 210 kg (463 lb). Remove transmission case assembly (1).
-

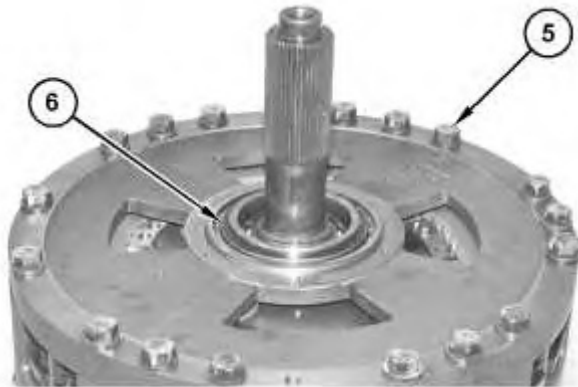


---

Illustration 3

g06014476

5. Remove bolts (3) and pilot plate (4).
6. Position suitable cribbing under the shaft assembly to prevent the shaft assembly from dropping out of the transmission.



---

Illustration 4

g06014506



**Personal injury can result from being struck by parts propelled by a released spring force.**

**Make sure to wear all necessary protective equipment.**

**Follow the recommended procedure and use all recommended tooling to release the spring force.**

- 
7. Remove retaining ring (6) and bolts (5).
-

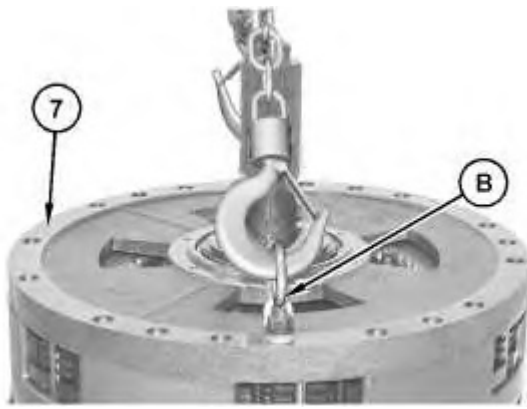


Illustration 5

g06014509

8. Use Tooling (B) and a suitable lifting device to remove end plate (7). The weight of end plate (7) is approximately 59 kg (130 lb).



Illustration 6

g06014513

9. Remove bearing (8).

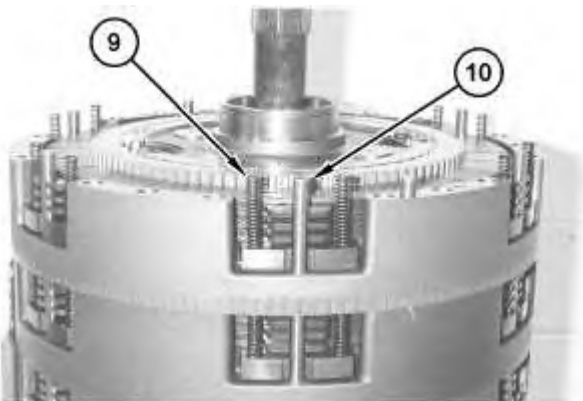


Illustration 7

g06014863

10. Remove springs (9) and pins (10).

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)