



Service Repair Manual

Models

986H Wheel Loader

Product: WHEEL LOADER

Model: 986H WHEEL LOADER L8S

Configuration: 986H Wheel Loader L8S00001-UP (MACHINE) POWERED BY C15 Engine

Disassembly and Assembly 986H Wheel Loader

Media Number -UENR0367-03

Publication Date -01/09/2014

Date Updated -07/03/2017

i05844522

Transmission Planetary - Disassemble - Heavy Duty

SMCS - 3160-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-2420	Transmission Repair Stand	1
B	439-3939	Link Bracket As	3
C	1P-7407	Eyebolt	1
D	FT-0833	Clamp	3
E	1P-1863	Retaining Ring Pliers	1
F	5P-5197	External Pliers	1
G	1P-0520	Driver Group	1
H	1P-0510	Drive Group	1
L	1P-0074	Slide Hammer Puller Gp	1

Start By:

- a. Separate the transmission and the output transfer gears.

Note: Cleanliness is an important factor. Before the disassembly procedure, thoroughly clean the exterior of the component to prevent dirt from entering the internal mechanism.

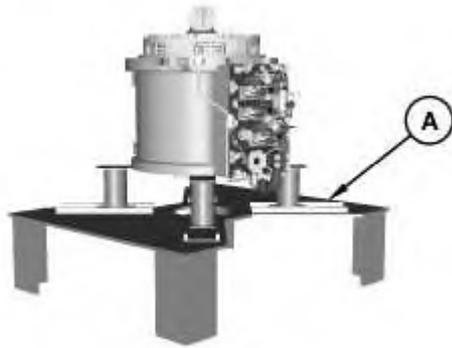


Illustration 1

g01915213

1. Place the transmission assembly onto Tooling (A).

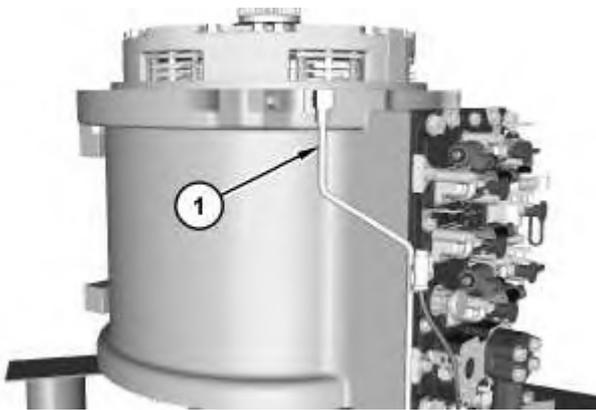


Illustration 2

g01915234

2. Remove tube assembly (1).

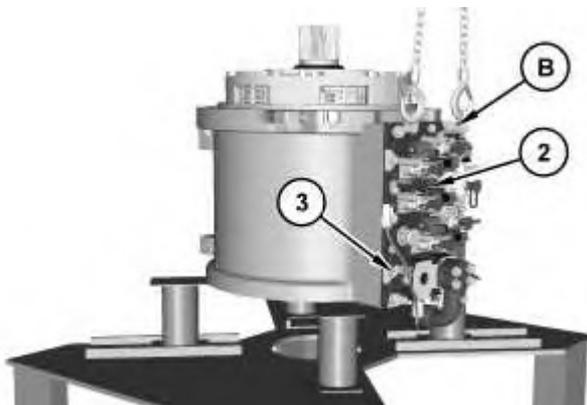


Illustration 3

g01915255

3. Install Tooling (B) and a suitable lifting device to modulating valve assembly (2). The weight of modulating valve assembly (2) is approximately 43 kg (95 lb).
 4. Remove bolts (3). Remove modulating valve assembly (2).
-

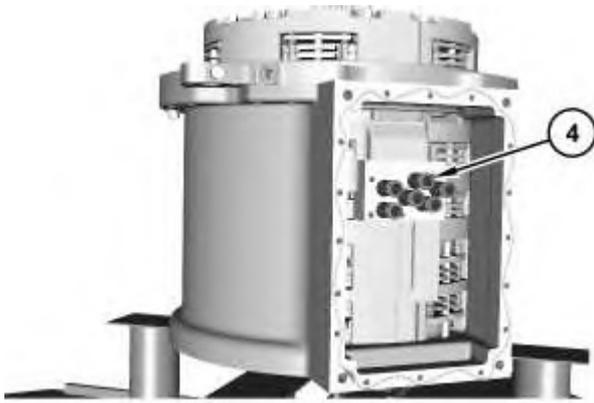


Illustration 4

g01915279

5. Remove tubes (4) and the O-ring seals.

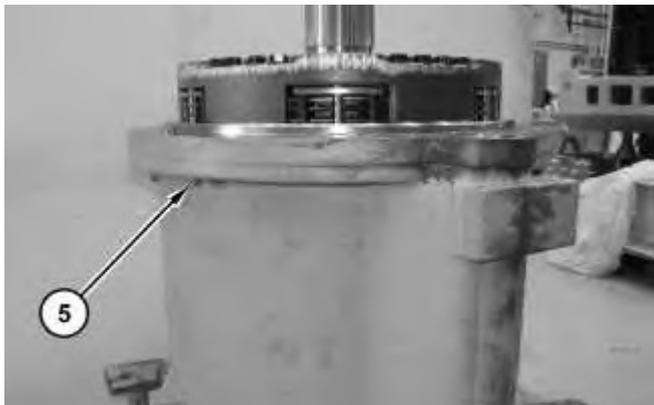


Illustration 5

g03701733

6. Remove bolts (5).

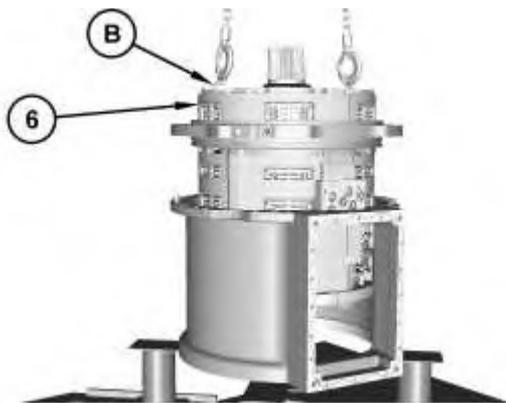


Illustration 6

g03701735

7. Attach Tooling (B) and a suitable lifting device to planetary group (5). The weight of planetary group (5) is approximately 565 kg (1250 lb). Remove planetary group (5) from the transmission case.

8. Place planetary group (5) on suitable blocks.

Note: Put alignment marks across the clutch housings for assembly purposes.



Illustration 7

g01886812

9. Remove bolts (7) and the washers.

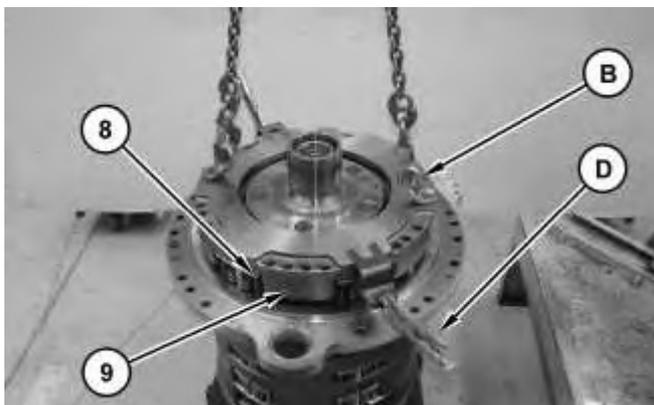


Illustration 8

g03701867

 **WARNING**

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.

10. Use Tooling (D) to secure the clutch piston in clutch housing (9).

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