



# Service Repair Manual

## **Models**

**D6T LGP TRACK-TYPE  
TRACTOR**

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Product: TRACK-TYPE TRACTOR

Model: D6T LGP TRACK-TYPE TRACTOR EJJ

Configuration: D6T TRACK-TYPE TRACTOR XL VPAT, XW VPAT, LGP VPAT EJJ00001-UP (MACHINE) POWERED BY C9 Engine

## Disassembly and Assembly D6T Track-Type Tractor Power Train

Media Number -KENR8911-03

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i04174969

## Transmission - Disassemble

SMCS - 3030-015

S/N - EJJ1-UP

S/N - JRW1-UP

S/N - JZC1-UP

S/N - PLR1-UP

S/N - RRK1-UP

S/N - TSM1-UP

S/N - WLM1-UP

## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-2420	Transmission Repair Stand	1
B	138-7575	Link Bracket	3
C	1P-1864	Retaining Ring Pliers As	1
D	136-1452	Internal Tip Pliers	1
E	FT-0947	Spring Compressor	2
F	FT-0833	Spring Compressor	2
G	138-7573	Link Bracket	3

H	3K-4897	Spring Pin	8
J	9U-7479	Compressing Tube	1

**Start By:**

- a. Remove the transmission.

**Note:** The transmission modulating valves must be recalibrated if any of the following procedures are performed:

- The transmission modulating valve and/or the solenoid is replaced.
- The transmission is serviced or the transmission is replaced.
- The electronic control module is replaced.

**Reference:** Refer to Testing and Adjusting, "Calibration".

**Note:** The friction discs and the clutch plates from the individual clutches must be kept in the correct order. The friction discs and the clutch plates must be kept with the original clutch housings. The different clutches use different friction material. The friction discs and the clutch plates must not be mixed together.

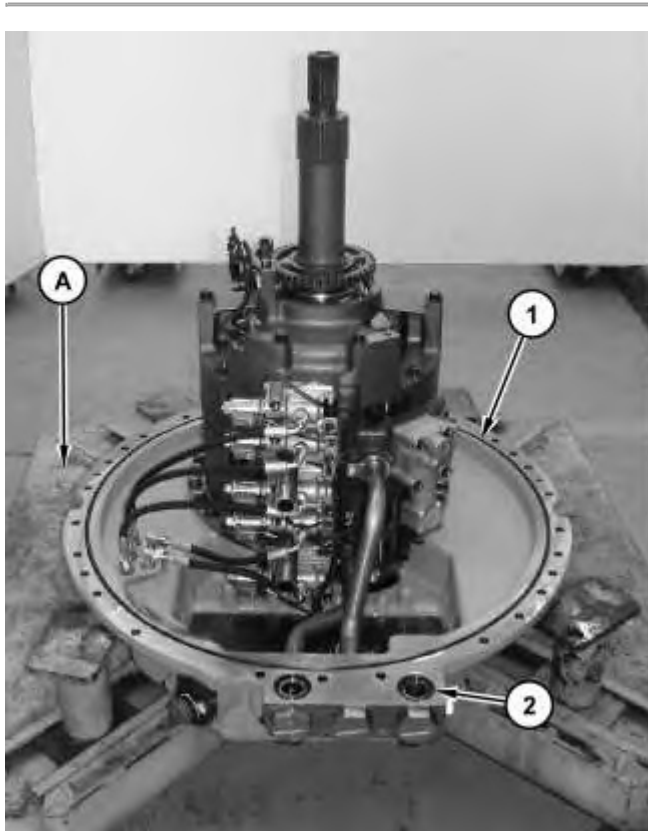


Illustration 1

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1. Position the transmission onto Tooling (A). The weight of the transmission is approximately 458 kg (1010 lb). Mark all the housings for alignment during the assembly procedure.

2. Remove O-ring seals (1) and (2) from the transmission cover.

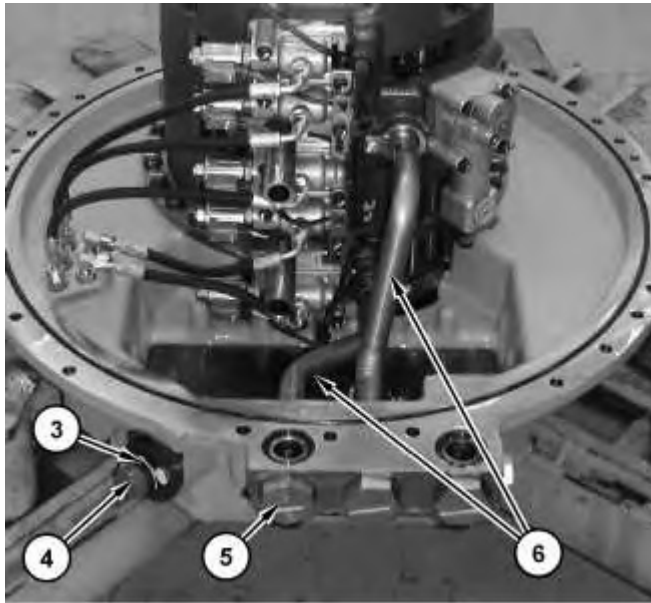


Illustration 2

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3. Remove fittings (5) and the O-ring seals.
4. Remove tube assemblies (6) and the seals.
5. Remove locknut (3). Push connector (4) into the case.

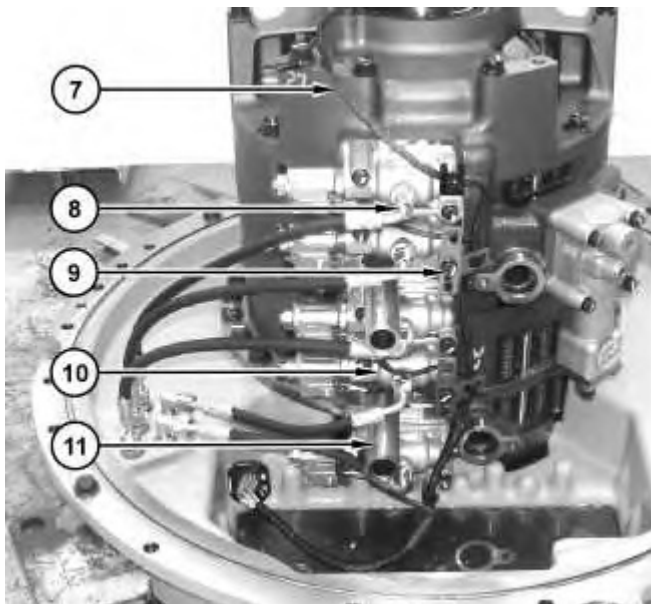
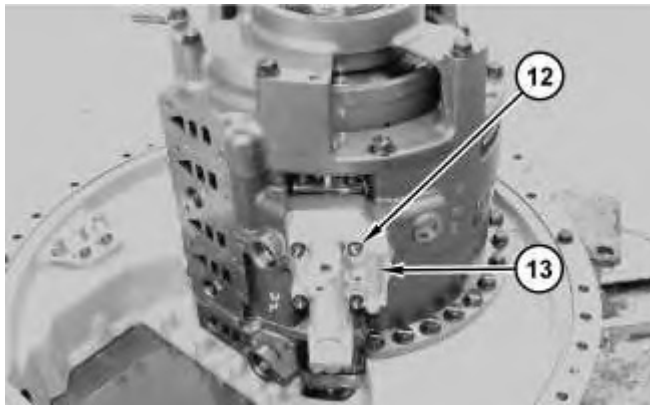


Illustration 3

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6. Remove harness assembly (7) and hose assemblies (8).
  7. Remove bolts (9), valve assemblies (10), and drain assemblies (11).
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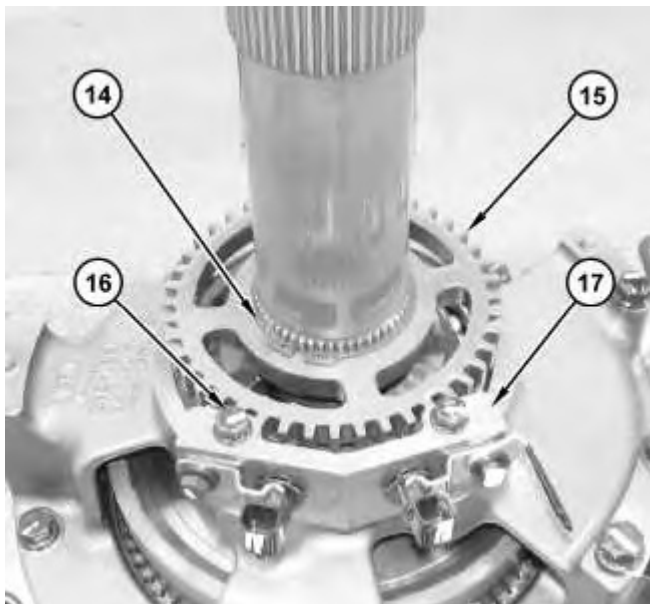


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Illustration 4

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8. Remove bolts (12) and valve assembly (13).



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Illustration 5

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9. Use Tooling (C) in order to remove retaining ring (14). Remove rotor (15).
10. Remove bolts (16) and bracket assembly (17).
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