

Product: TRACK-TYPE TRACTOR

Model: D6T XW TRACK-TYPE TRACTOR RCW

Configuration: D6T TRACK-TYPE TRACTOR XL VPAT, XW VPAT, LGP VPAT, Differential Steering RCW00001-UP (MACHINE) POWERED BY C9.3 Engine

Disassembly and Assembly D6T Track-Type Tractor Power Train

Media Number -KENR8911-03

Publication Date -01/03/2016

Date Updated -07/03/2016

i07246123

Transmission - Assemble

SMCS - 3030-016

S/N - DTD1-UP

S/N - GMK1-UP

S/N - KSB1-UP

S/N - RCW1-UP

S/N - SLJ1-UP

S/N - ZJB1-UP

Assembly 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
K	1P-0510	Driver Gp	1

NOTICE

New seal rings must be preloaded before they are installed to prevent them from being damaged or broken. There is a correct method to

preload new seal rings prior to installation. Place your hands on each end of the seal ring, and pull (wind) the ends several inches past each other or until they almost make contact. Use care to keep the ring shaped like a circle. This will make an even bend (or ring "set") all around the ring. When the seal ring is in the groove of the hub, the ends must butt together lightly. Do not bend the seal ring. This does not make an even bend all the way around the ring.

Do not attempt to use this method to preload a used seal ring. Also, do not use this procedure for cast iron seal rings. This will cause used or cast iron seal rings to break.

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.

Note: Lubricate the seals with the lubricant that is being sealed prior to installation.



Illustration 1

g02174043

1. Install O-ring seals (142) and (141) to input shaft (110).
-

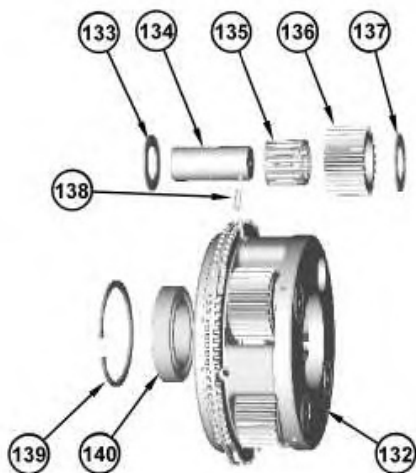


Illustration 2

g02174027

2. Position washers (133) and (137), planetary gear (136), and bearing (135) into planetary carrier (132). Install planetary shaft (134) into planetary carrier (132). Align the holes in planetary shaft (134) with the hole in planetary carrier (132). Push pin (138) into planetary shaft (134). Repeat for the remaining planetary shafts.

3. Install bearing (140) into planetary carrier (132). Use Tooling (D) to install retaining ring (139) to planetary carrier (132).

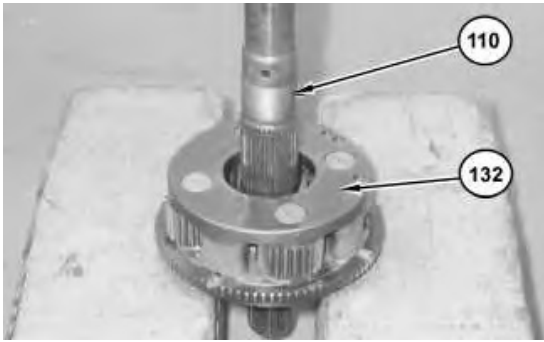


Illustration 3

g02173600

4. Install planetary carrier (132) onto input shaft (110).

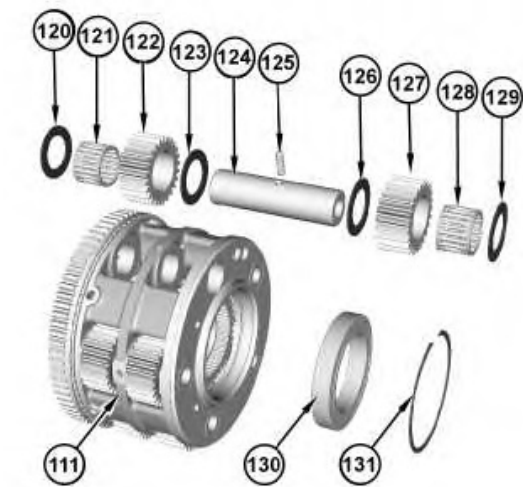


Illustration 4

g02173578

5. Position washers (120), (123), (126), and (129) into planetary carrier (111). Position planetary gears (122) and (127), and bearings (121) and (128) into planetary carrier (111). Install planetary shaft (125) into planetary carrier (111). Align the holes in planetary shaft (124) with the hole in planetary carrier (111). Install pin (125) into planetary shaft (124). Repeat for the remaining planetary shafts.
6. Install bearing (130) into planetary carrier (111). Use Tooling (D) to install retaining ring (131) into planetary carrier (111).

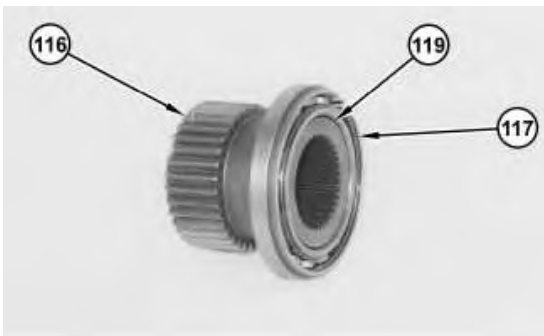


Illustration 5

g02173491

7. Install O-ring seal (119) and bearing (117) to sun gear (116).



Illustration 6

g02173470

8. Install bearing (117) and sun gear (116) into planetary carrier (111). Install retaining ring (118).

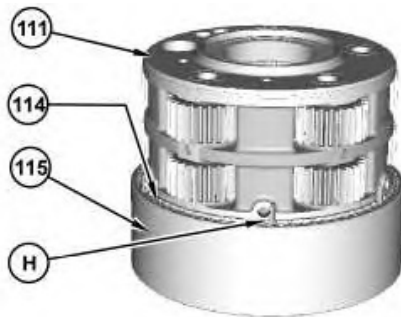


Illustration 7

g02173352

9. Install ring gear (115) onto planetary carrier (111). Use Tooling (H) to compress retaining ring (114) (not shown). Install retaining ring (114) (not shown).
10. Use two people to install planetary carrier (111). The weight of planetary carrier (111) is approximately 26 kg (58 lb).

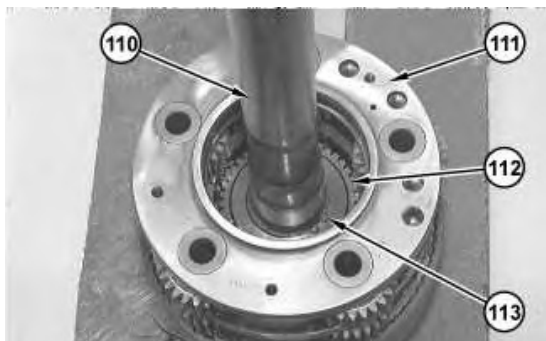


Illustration 8

g02173294

11. Install sun gear (112) and input shaft (110) into planetary carrier (111). Use Tooling (C) to install retaining ring (113).

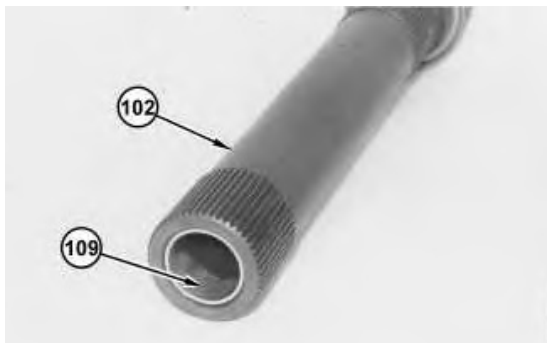


Illustration 9

g02173291

12. Use Tooling (K) to install bearing (109) into shaft assembly (102). Install bearing (109) to a depth of 2.0 ± 0.5 mm (0.08 ± 0.02 inch). The inside diameter of bearing (109) should measure 50.8 ± 0.05 mm (2.00 ± 0.002 inch).

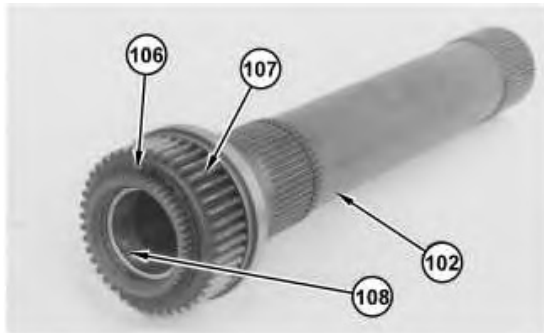


Illustration 10

g02173286

13. Use Tooling (K) to install bearing (108) into shaft assembly (102). Install bearing (108) to a depth of 13.0 ± 0.5 mm (0.51 ± 0.02 inch). The inside diameter of bearing (108) should measure 56.7 ± 0.06 mm (2.23 ± 0.002 inch). Install gear (107) onto shaft assembly (102).
14. Use Tooling (C) to install retaining ring (106) onto shaft assembly (102).

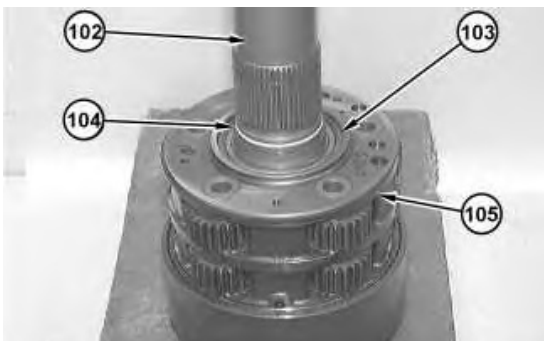


Illustration 11

g02173270

15. Install shaft assembly (102) into the planetary carrier.
16. Install O-ring seal (104) onto shaft assembly (102).
17. Install retaining ring (103) and seal ring (105).

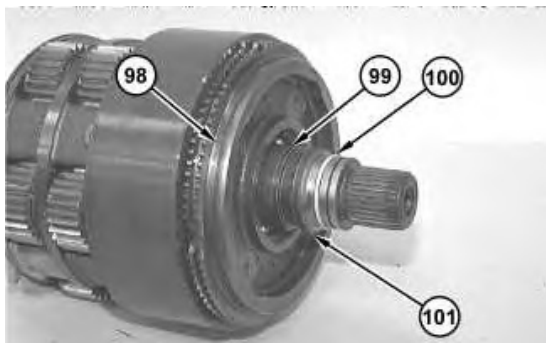


Illustration 12

g02173263

18. Install ring seals (98), (99), and (101). Install O-ring seal (100).
-

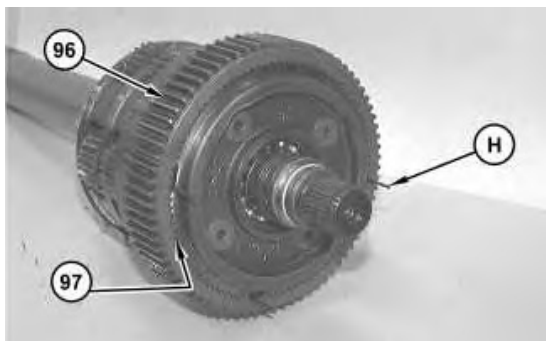


Illustration 13

g02173250

19. Install ring gear (96). Use Tooling (H) to compress retaining ring (97) (not shown). Install retaining ring (97) (not shown).
-



Illustration 14

g02173243

20. Install bearing (95) into housing (89).
21. Use Tooling (D) to install retaining ring (94).
-

- g02173156

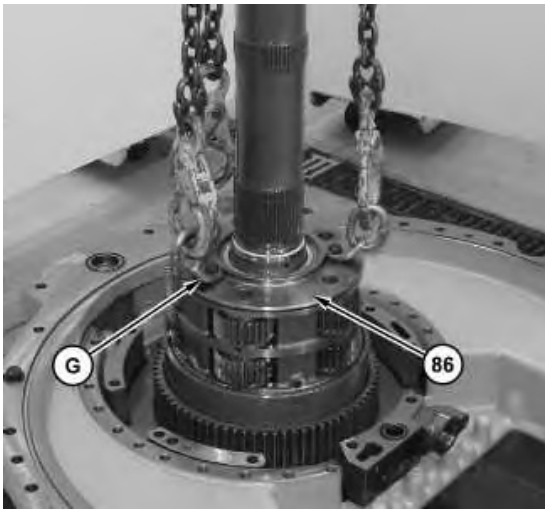


Illustration 17

g02173079

25. Attach Tooling (G) and a suitable lifting device to planetary carrier and output shaft (86) and install planetary carrier and output shaft (86). The weight of planetary carrier and output shaft (86) is approximately 85 kg (187 lb).

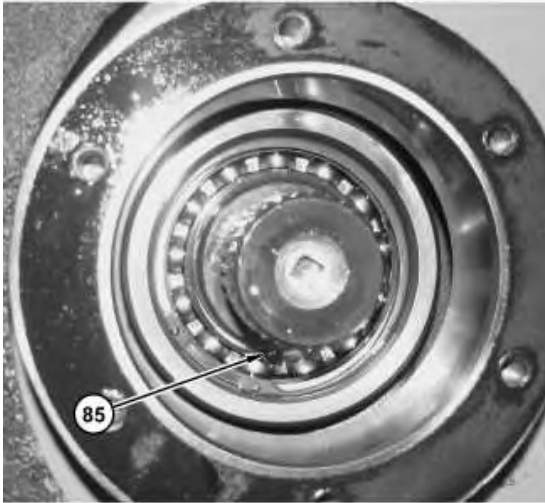


Illustration 18

g02173075

View from the bottom

26. Use Tooling (C) to install retaining ring (85) into the bottom of the transmission cover.

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