



Service Repair Manual

Models

D6T TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D6T TRACK-TYPE TRACTOR 2D2

Configuration: D6T XL, XW, LGP VPAT Type-Track Tractor 2D200001-UP (MACHINE) POWERED BY C9.3 Engine

Disassembly and Assembly D6T Track Type Tractor Power Train

Media Number -M0073303-04

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i06782202

Torque Converter - Assemble

SMCS - 3101-016

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Description	Qty
A	1P-1863	Retaining Ring Pliers	1
B	421-5661	Lifting Eye Assembly	1
C	154-6181	Forcing Screw	2
D	422-5472	Lifting Eye Assembly	1
E	136-1452	Retaining Ring Pliers As	1
F	439-3940	Bracket As	1
G	1P-0520	Driver As	1

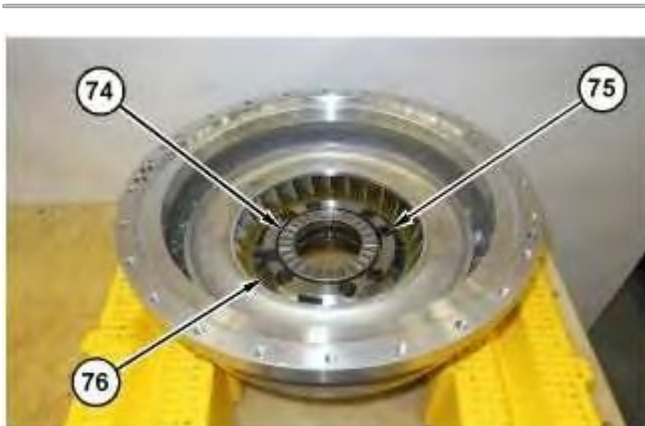




Illustration 2

1. Install converter impeller (73) onto impeller adapter (77).
2. Install impeller hub (76) and bolts (75). Tighten bolts (75) to a torque of $105 \pm 14 \text{ N}\cdot\text{m}$ ($77 \pm 10 \text{ lb ft}$).
3. Install thrust bearing (74).

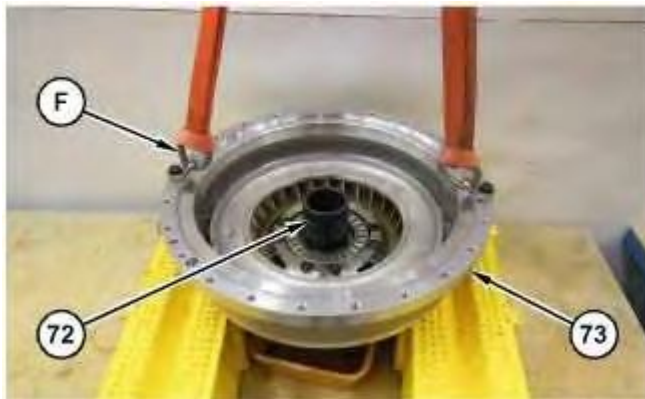


Illustration 3

4. Attach Tooling (F) to converter impeller (73). The weight of converter impeller (73) is approximately 30 kg (66 lb). Install converter impeller (73) onto stator carrier (72).

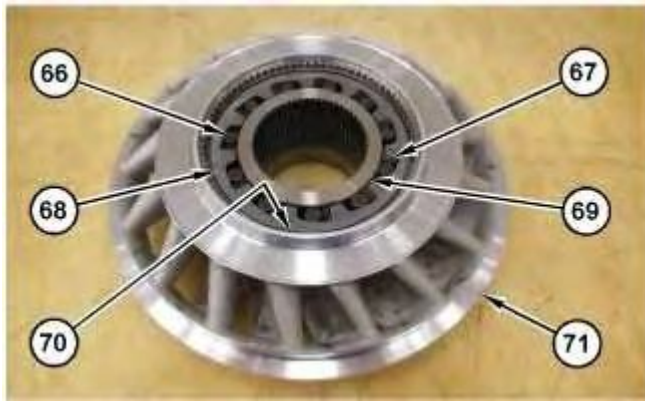


Illustration 4

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 **WARNING**

Improper assembly of parts that are spring loaded can cause bodily injury.

To prevent possible injury, follow the established assembly procedure and wear protective equipment.

5. Install retaining ring (70).
6. Raise the temperature of stator (71) and lower the temperature of cam (68).
7. Use a suitable press and Tooling (G) to install cam (68) into stator (71).
8. Install stator race (69) into stator (71).
9. Install freewheel springs (67) with the maximum number of loops to the outside. Install freewheel rollers (66).



Illustration 5

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10. Install plate (65) and retaining ring (64).



Illustration 6

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11. Install stator assembly (63) and retaining ring (62).



Illustration 7

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12. Install thrust bearing (61).



Illustration 8

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13. Install thrust washer (60) and retainer (59).
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