



Service Repair Manual

Models

627H WHEEL TRACTOR

Product: WHEEL TRACTOR
Model: 627H WHEEL TRACTOR DBW
Configuration: 627H Wheel Tractor Scraper DBW00001-UP (MACHINE)

Disassembly and Assembly 621H, 623H and 627H Wheel Tractor-Scrapers Power Train

Media Number -KENR8883-02

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i04496349

Torque Converter - Disassemble - Tractor

SMCS - 3101-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	2P-8312	Retaining Ring Pliers	1
B	1P-0510	Driver Group	1
C	6L-7283	Bolts	2

Start By:

- Remove the torque converter.

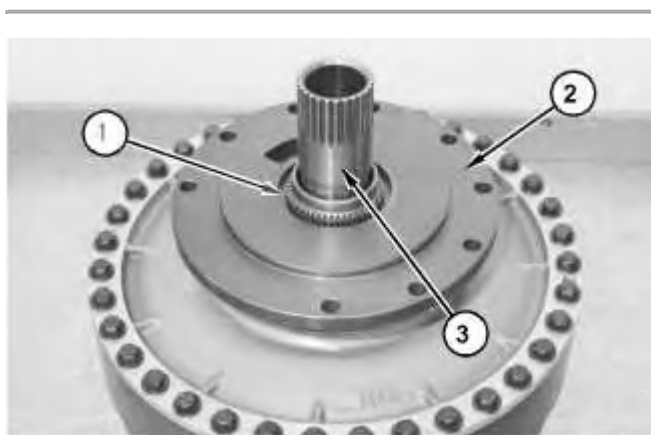


Illustration 1

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1. Use Tooling (A) in order to remove retaining ring (1) from carriage support assembly (2). Remove carriage support assembly (2) from hub (3). Use Tooling (B) and a suitable press in order to remove the sleeve bearing from carriage support assembly (2).

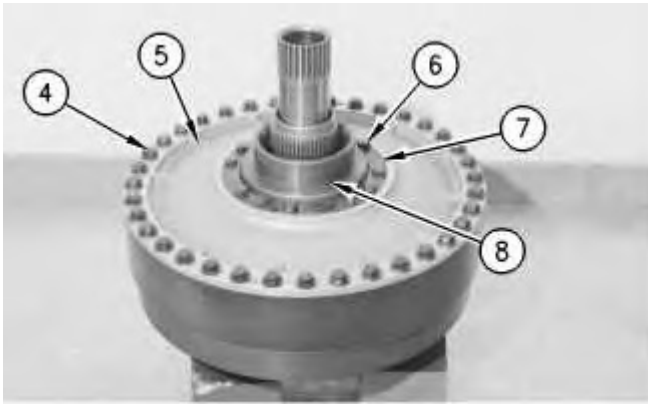


Illustration 2

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2. Remove bolts (4) and the washers from torque converter impeller (5). Remove bolts (6), the washers, and clamp plate (7) from impeller hub (8).

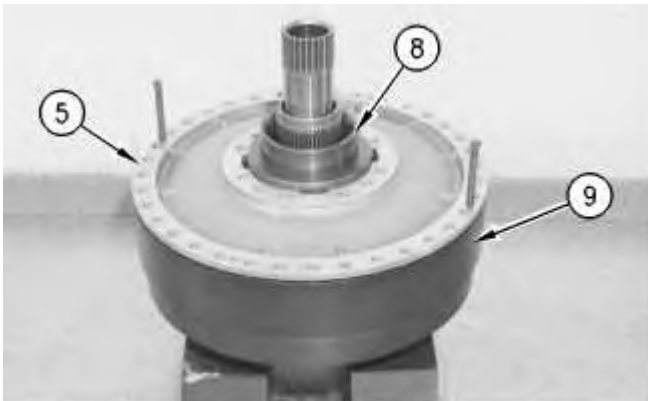
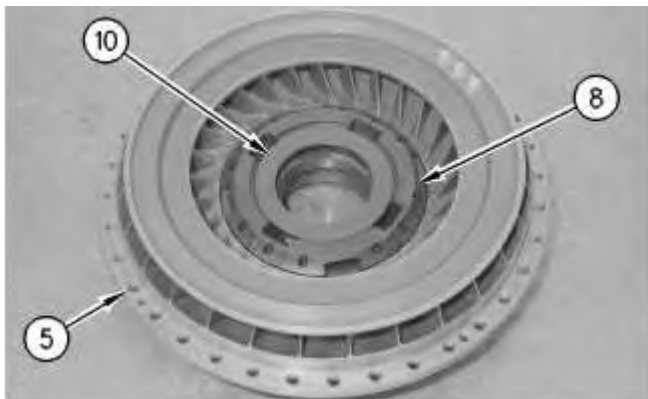


Illustration 3

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3. Install Tooling (C) in torque converter impeller (5). Use Tooling in order to remove torque converter impeller (5) and impeller hub (8) from housing (9).



4. Remove metal seal ring (10) from torque converter impeller (5). Remove impeller hub (8) from torque converter impeller (5).

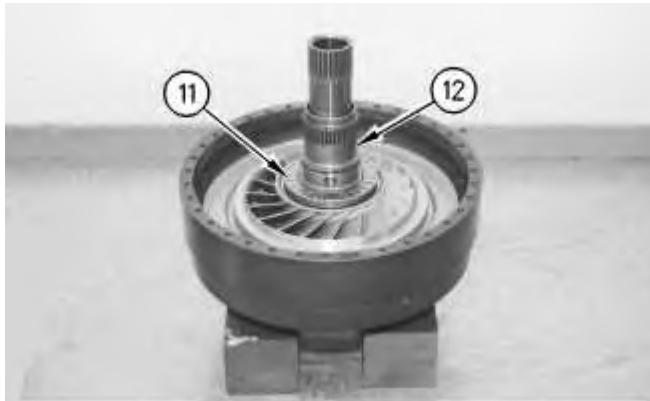


Illustration 5

5. Remove thrust bearing (11) from carrier assembly (12).

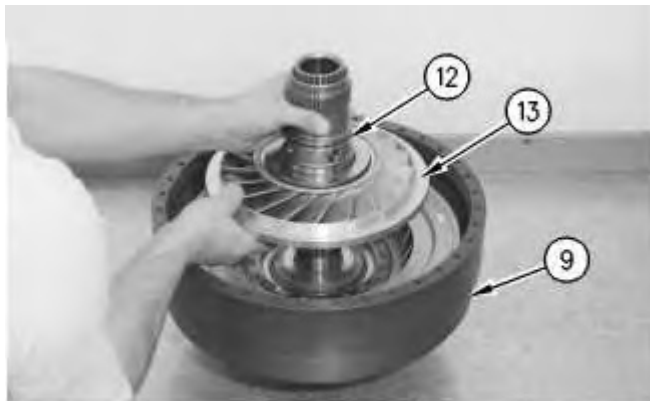


Illustration 6

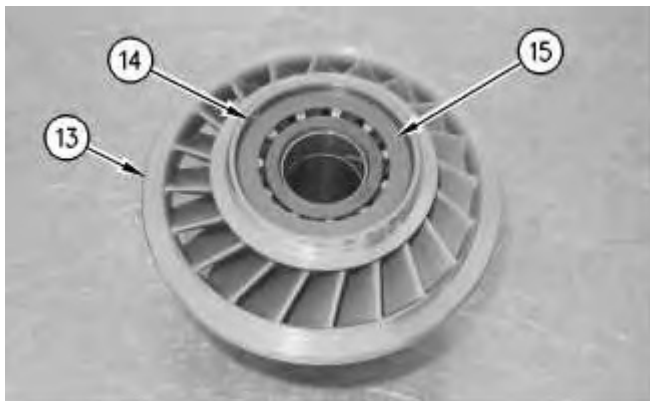


Illustration 7

6. Remove carrier assembly (12) and torque converter stator (13) as a unit from housing (9).

7. Position carrier assembly (12) and torque converter stator (13), as shown. Use Tooling (A) in order to remove retaining ring (14) from torque converter stator (13). Remove thrust race (15) from torque converter stator (13).

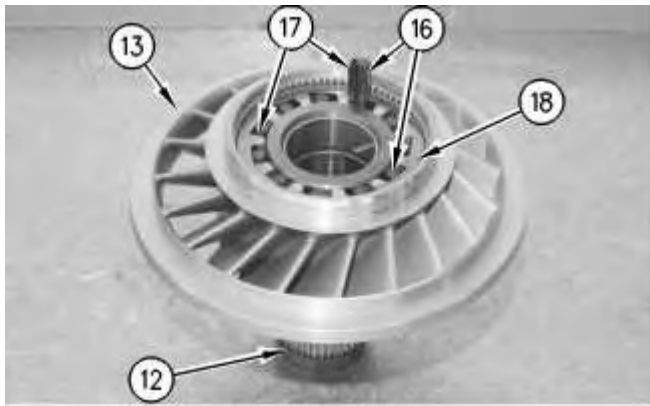


Illustration 8

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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.

8. Remove freewheel rollers (16) and freewheel springs (17) from freewheel cam (18). Remove torque converter stator (13) from carrier assembly (12).

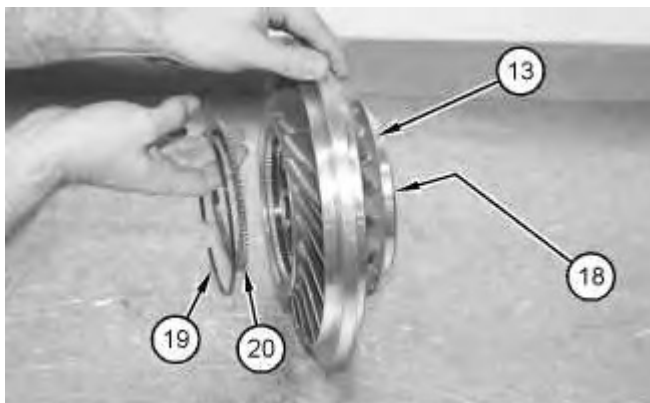


Illustration 9

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9. Use Tooling (A) in order to remove retaining ring (19) from torque converter stator (13). Remove side plate (20) from torque converter stator (13).

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