



# Service Repair Manual

## **Models**

# 637K Wheel Tractor Scraper

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Product: WHEEL TRACTOR-SCRAPER  
Model: 637K WHEEL TRACTOR-SCRAPER WTS  
Configuration: 637K Wheel Tractor Scraper WTS00001-UP (MACHINE)

## Disassembly and Assembly 631K and 637K Wheel Tractor Scraper Power Train

Media Number -M0067918-02

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## Torque Converter - Disassemble

SMCS - 3101-015

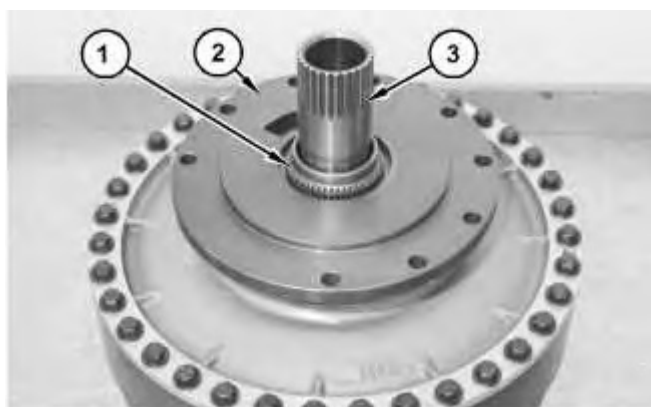
## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	2P-8312	Retaining Ring Pliers	1
B	1P-0510	Driver Group	1
C	-	Forcing Bolts 3/8 - 16 NC by 4 inch	2

### Start By:

- Remove the torque converter. Refer to Disassembly and Assembly, "Torque Converter - Remove".



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 hydraulic press in order to remove the sleeve bearing from carriage support assembly (2).

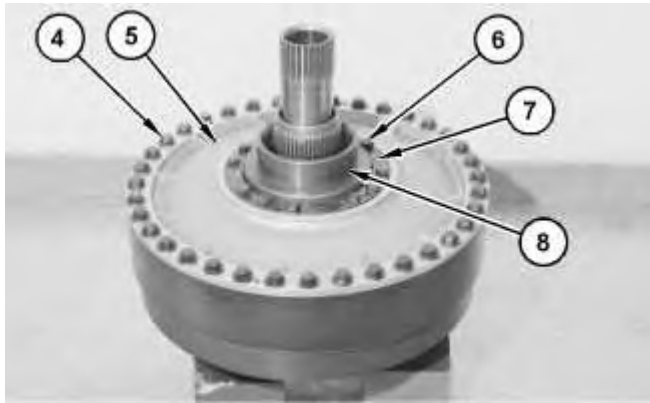


Illustration 2

2. Remove bolts (4) from impeller (5). Remove bolts (6) and clamp plate (7) from impeller hub (8).

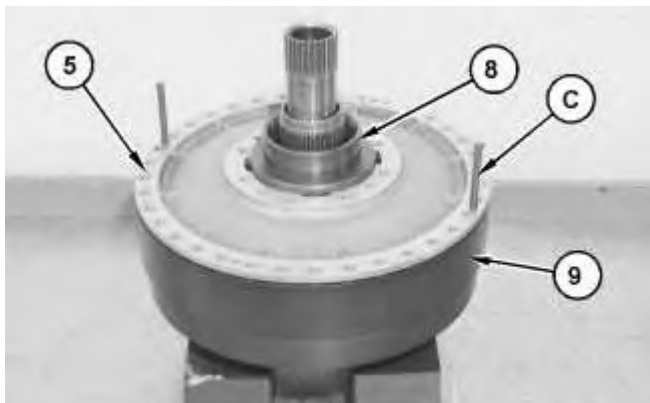


Illustration 3

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

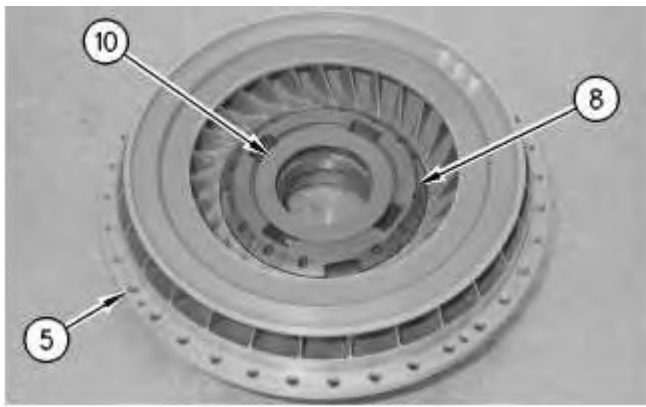


Illustration 4

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4. Remove thrust race (10) from impeller (5). Remove impeller hub (8) from impeller (5).

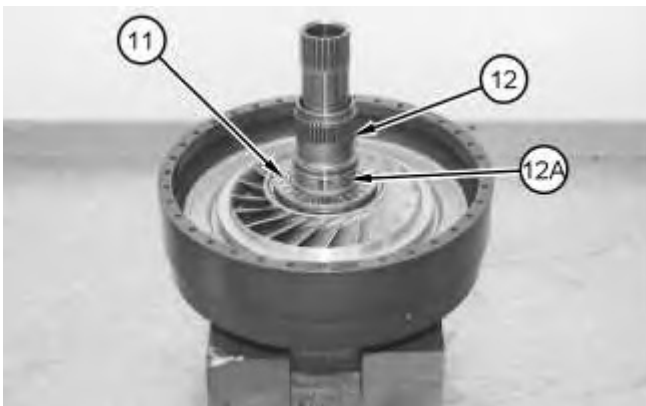


Illustration 5

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5. Remove thrust bearing (11) and seal ring (12A) from carrier assembly (12).

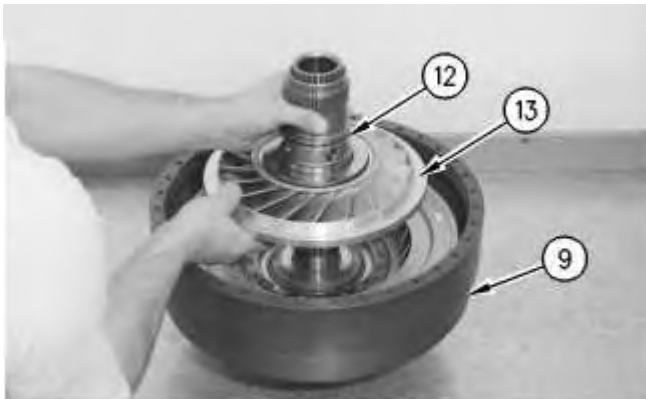


Illustration 6

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

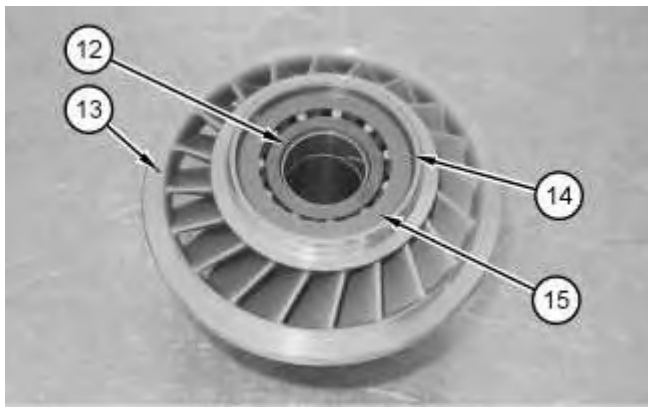


Illustration 7

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

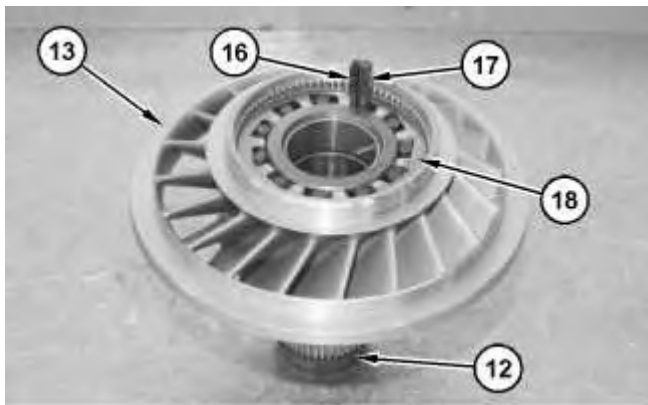


Illustration 8

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

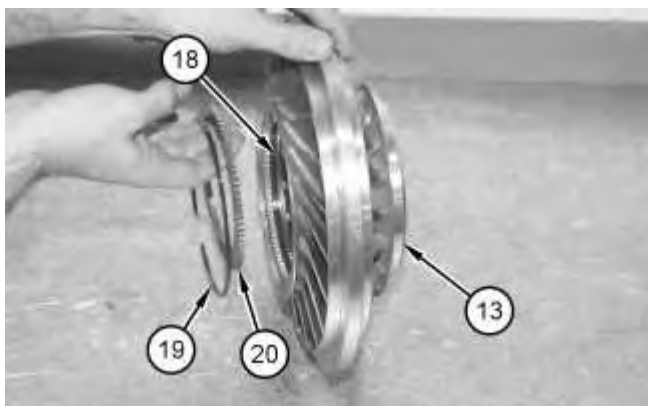


Illustration 9

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

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