



# Service Repair Manual

## **Models**

# 637G Wheel Tractor

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Product: WHEEL TRACTOR  
Model: 637G WHEEL TRACTOR DFJ  
Configuration: 637G Wheel Tractor DFJ00001-UP (MACHINE)

## Disassembly and Assembly

### 637G Wheel Tractor-Scraper

### Wheel Tractor Power Train

Media Number -REN8605-00

Publication Date -01/04/2006

Date Updated -21/04/2006

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## Transmission, Torque Converter and Transfer Gears - Separate

SMCS - 3003-076; 3030-076; 3101-076; 3159-076

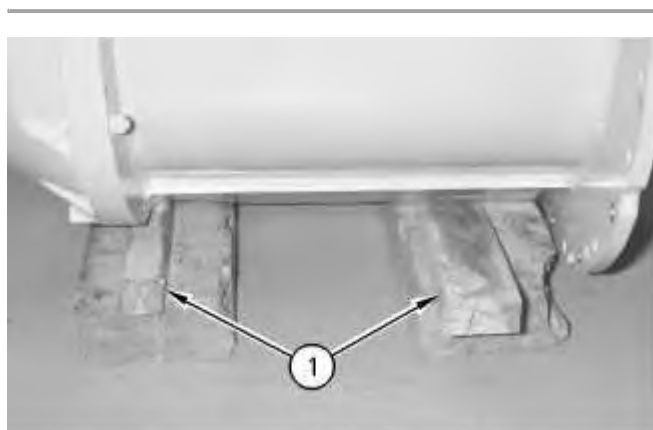
## Separation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7574	Link Bracket	1
B	-	Forcing Bolt 1/2 - 13 by 3 inch	2

### Start By:

- Remove the transmission, the torque converter, and the transfer gears. Refer to Disassembly and Assembly, "Transmission, Torque Converter and Transfer Gears - Remove".



1. Support the transmission with suitable cribbing (1), as shown.



Illustration 2

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2. Disconnect clip (2) .

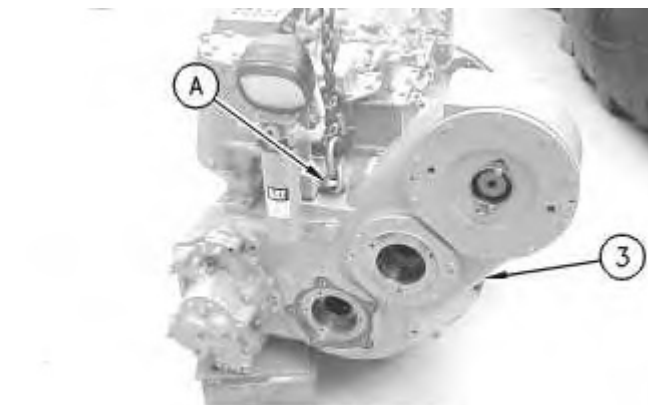
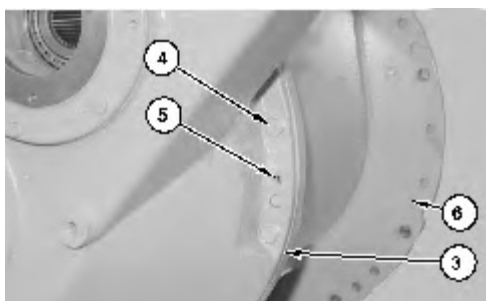


Illustration 3

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3. Install Tooling (A) and a suitable lifting device onto transfer gear case (3) .



4. Remove the nuts and bolts (4) that hold transfer gear case (3) to transmission (6). Install Tooling (B) to threaded holes (5). Use Tooling (B) to separate transfer gear case (3) from transmission (6) .

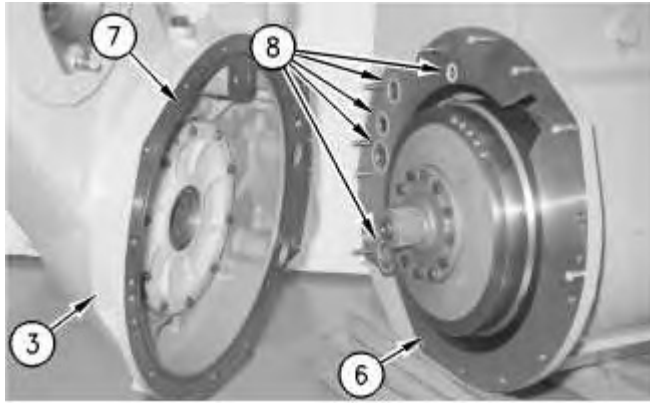


Illustration 5

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5. Remove transfer gear case (3) from transmission (6). The weight of transfer gear case (3) is approximately 340 kg (750 lb).
6. Remove O-ring seal (7) from transfer gear case (3). Remove O-ring seals (8) from transmission (6) .

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## Disassembly and Assembly 637G Wheel Tractor-Scraper Wheel Tractor Power Train

Media Number -REN8605-00

Publication Date -01/04/2006

Date Updated -21/04/2006

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## Torque Converter - Disassemble

SMCS - 3101-015

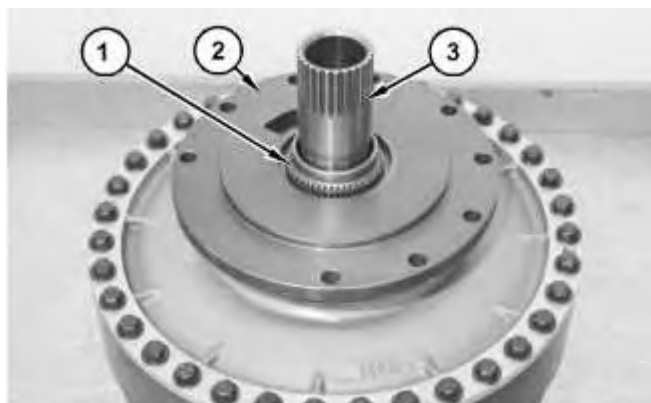
## Disassembly Procedure

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".



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