CATERPILLAR®

Service Repair Manual

Models

657G Wheel Scraper

Model: 657G WHEEL TRACTOR W1B

Configuration: 657G Wheel Tractor W1B00001-UP (MACHINE) POWERED BY C18 Engine

Disassembly and Assembly

657G Wheel Tractor-Scraper Wheel Tractor Power Train

Media Number -RENR9712-01

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i02598692

Torque Converter - Disassemble

SMCS - 3101-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7575	Link Brackets	2
В	2P-8312	Retaining Ring Pliers	1
С	5J-0490	Bolts	2
D	1P-0520	Driver Gp	1

Start By:

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

Note: Cleanliness is an important factor. Before the disassembly procedure, the exterior of the component should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism.

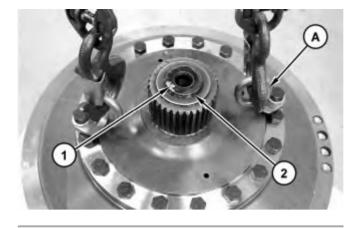


Illustration 1 g01300647

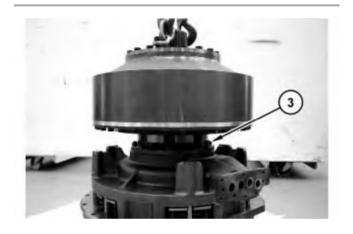


Illustration 2 g01300649

- 1. Attach Tooling (A) and a suitable lifting device to the torque converter. The weight of the torque converter is approximately 124 kg (275 lb). Support shaft (1) with suitable cribbing. Remove retaining ring (2).
- 2. Remove nuts (3). Remove the torque converter.

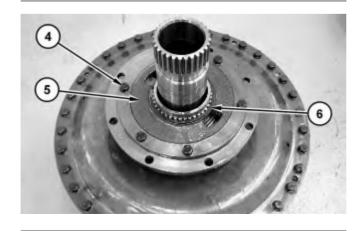


Illustration 3 g01300650

3. Position the torque converter, as shown. Remove bolts (4). Use Tooling (B) to remove retaining ring (6). Remove support (5).

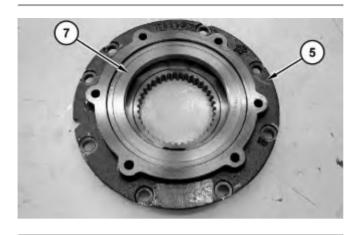


Illustration 4 g01300652

4. Remove sleeve (7) from support (5).



Illustration 5 g01300653

5. Use Tooling (B) to remove retaining ring (8).

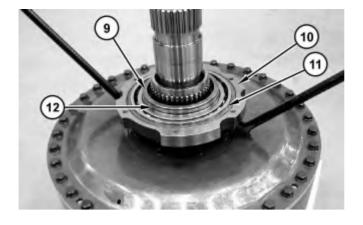


Illustration 6 g01300654

6. Use suitable pry bars to remove ring carrier (9) and bearing carrier (10). Separate seal ring (12) from ring carrier (9). Remove bearing (11) from bearing carrier (10).

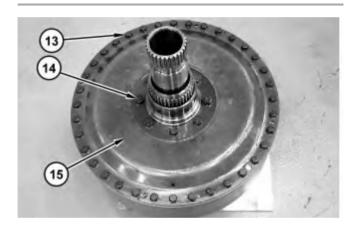


Illustration 7 g01300655

7. Remove bolts (14) and (13). Remove plate (15).

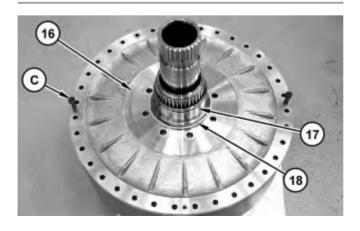


Illustration 8 g01300656

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