# **CATERPILLAR®**

# Service Repair Manual

## **Models**

621G Wheel Tractor

✓ Product: WHEEL TRACTOR

Model: 621G WHEEL TRACTOR DBB

Configuration: 621G Wheel Tractor DBB00001-UP (MACHINE) POWERED BY C15 Engine

#### Disassembly and Assembly 621G and 623G Wheel Tractor-Scrapers Power Train

Media Number -RENR7497-00

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i02121676

### **Torque Converter - Assemble**

**SMCS -** 3101-016

### **Assembly Procedure**

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	2P-8312	Retaining Ring Pliers	1
В	1P-0510	Driver Group	1
D	8T-5096	Dial Indicator Group	1

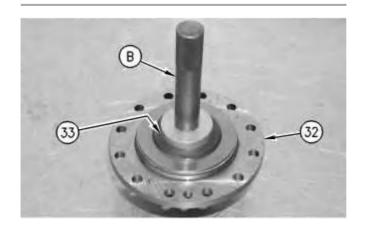


Illustration 1 g00528674

1. Use Tooling (B) and a suitable press in order to install sleeve bearing (33) to flange (32).



Illustration 2 g00528612

2. Install bolts (31) and flange (32) to housing (9). Tighten bolts (31) to the torque  $120 \pm 15$  N·m (89  $\pm$  11 lb ft).

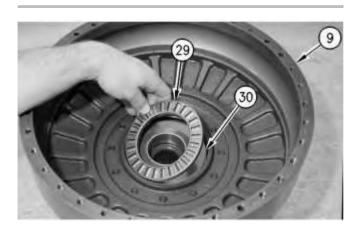


Illustration 3 g00525322

3. Install thrust bearing (29) and thrust race (30) to housing (9).

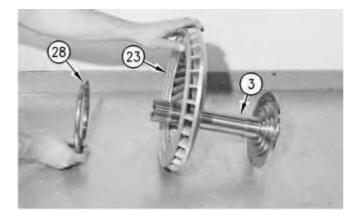


Illustration 4 g00525321

4. Install torque converter turbine (23) and clamp ring (28) to hub (3).

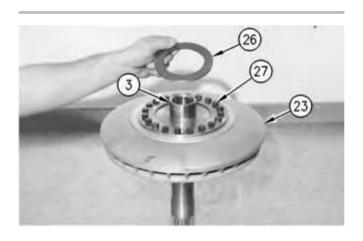


Illustration 5 g00525320

5. Install bolts (27) to torque converter turbine (23). Tighten bolts (27) to a torque of  $50 \pm 7$  N·m (37  $\pm$  5 lb ft). Install thrust race (26) to hub (3) .

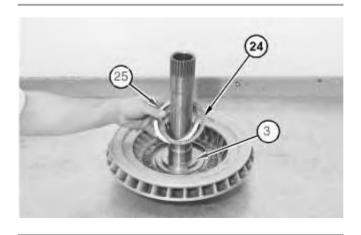


Illustration 6 g01052922

6. Install thrust race (25) and thrust bearing (24) to hub (3).



Illustration 7 g00525315

7. Install torque converter turbine (23) and hub (3) as a unit to housing (9).

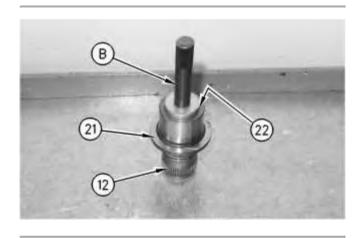


Illustration 8 g00528953

8. Use Tooling (B) and a suitable press in order to install sleeve bearing (22) to carrier assembly (12). Install thrust bearing (21) to carrier assembly (12).

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