# **CATERPILLAR®**

## Service Repair Manual

## **Models**

# D6N XL TRACK-TYPE TRACTOR

Model: D6N XL TRACK-TYPE TRACTOR PER

Configuration: D6N TRACK-TYPE TRACTOR XL, LGP PER00001-UP (MACHINE) POWERED BY C6.6 Engine

## **Disassembly and Assembly D6N Track-Type Tractor Power Train**

Media Number -UENR0055-02

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i04390445

#### **Bevel and Transfer Gears - Disassemble**

**SMCS - 3011-015** 

### **Disassembly Procedure**

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-2420	Transmission Repair Stand	1
В	5F-7343	Bearing Puller Gp	1
С	8T-2839	Spanner Wrench	1

#### **Start By:**

a. Separate the transmission and bevel gears.

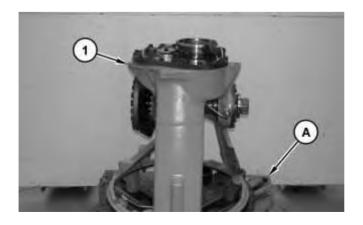


Illustration 1 g02560901

1. Mount bevel and transfer gears (1) onto Tooling (A).

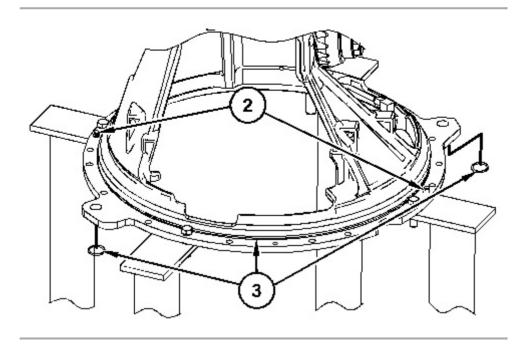


Illustration 2 g02561261

- 2. Remove O-ring seals (3).
- 3. If necessary, remove pins (2).

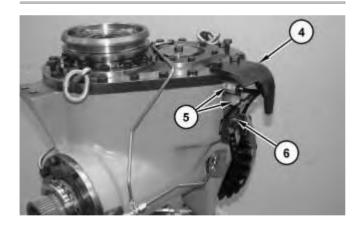


Illustration 3

g02561677

4. Remove guard (4), if installed, sensors (5), and bracket (6).

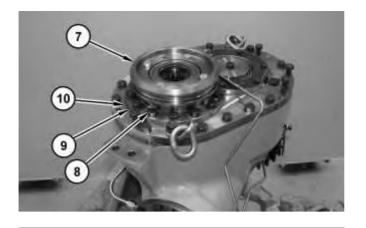


Illustration 4 g02561822

5. Remove pulley (7). Remove cage (9) and shims (10).

**Note:** Use two bolts (8) in order to remove cage (9).

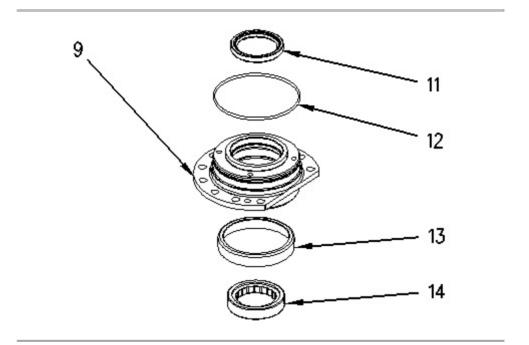


Illustration 5 g00994151

6. Remove O-ring seal (12), seal (11), bearing cone (14), and bearing cup (13) from cage (9).

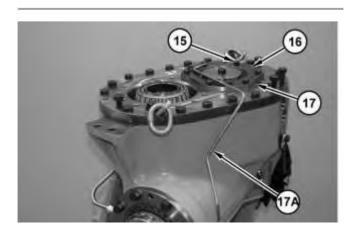


Illustration 6 g02561957

- 7. Remove bolts (15), cover (16), and shims (17).
- 8. Remove tube (17A).

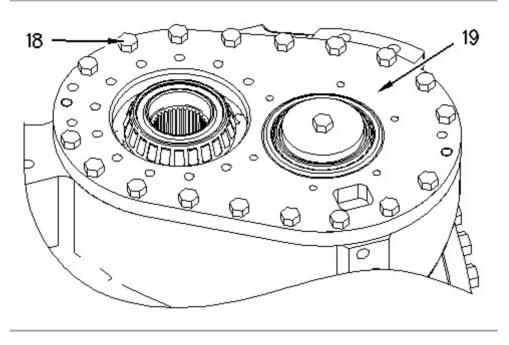


Illustration 7 g00954587

9. Remove bolts (18). Use two bolts (18) in order to remove cover (19). Tighten bolts (18) evenly and remove cover (19).

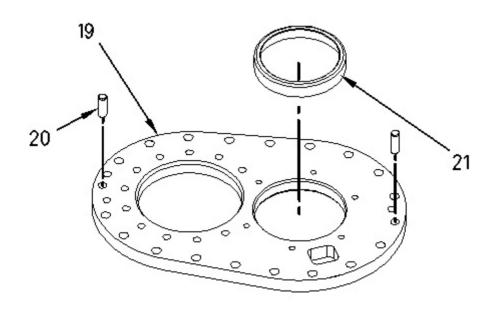


Illustration 8 g00994154

10. If necessary, remove dowels (20) and bearing cup (21) from cover (19).

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