# **CATERPILLAR®**

# Service Repair Manual

## **Models**

430D Backhoe Loader

Model: 430D BACKHOE LOADER BNK

Configuration: 430D Backhoe Loader BNK00001-02501 (MACHINE) POWERED BY 3054 Engine

#### Disassembly and Assembly 416D, 420D, 424D, 428D, 430D, 432D, 438D and 442D Backhoe Loaders Power Train

Media Number -RENR3578-12

Publication Date -01/04/2010

Date Updated -13/04/2010

i01504627

### Final Drive (Drive and Steering Axle)(Rear) - Assemble

**SMCS -** 4050-016-RE

#### **Assembly Procedure**

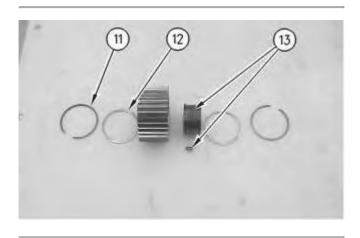


Illustration 1

1. Install roller bearing (13), two washers (12), and two snap rings (11).

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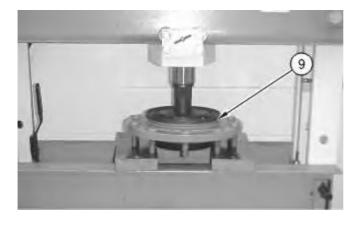


Illustration 2 g00780605

2. Use a press in order to install the bearing race. Apply some **9S-3263** Thread Lock Compound to the outer diameter of seal (9). Use a press in order to install seal (9).

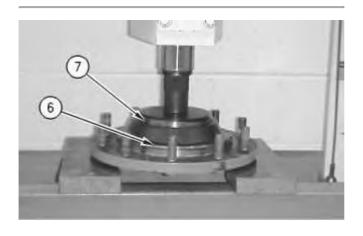


Illustration 3 g00780617

3. Use a press in order to install bearing race (7). Install O-ring (6).

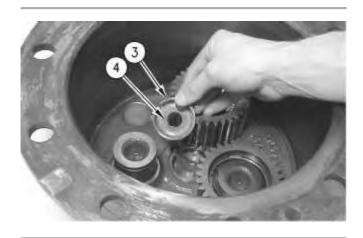


Illustration 4 g00780523

4. Install snap ring (3) and thrust washer (4) into the center of the planetary carrier.

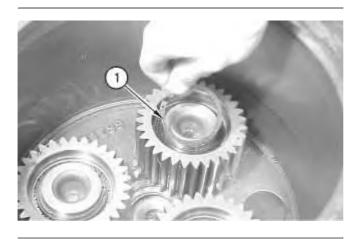


Illustration 5 g00780516

5. Install the planetary gears. Secure the gears with snap ring (1).

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#### Disassembly and Assembly 416D, 420D, 424D, 428D, 430D, 432D, 438D and 442D Backhoe Loaders Power Train

Media Number -RENR3578-12

Publication Date -01/04/2010

g00780205

Date Updated -13/04/2010

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### Final Drive (Drive and Steering Axle)(Rear) - Install

**SMCS -** 4050-012-RE

#### **Installation Procedure**

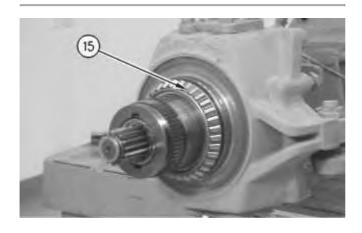


Illustration 1

1. Install bearing (15) onto the housing for the steering knuckle.

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