

Product: 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 -REN3578-12

Publication Date -01/04/2010

Date Updated -13/04/2010

i01505002

Drive and Steering Axle Housing (Rear) - Disassemble

SMCS - 3020-015-RE; 3260-015-RE

Disassembly Procedure

Start By:

- A. Remove the tires and wheels. See Disassembly and Assembly, "Tires & Wheels (Rear) - Remove and Install".
 - B. Remove the final drive. See Disassembly and Assembly, "Final Drive (Drive and Steering Axle) (Rear) - Remove".
1. Remove the drain plug for the differential housing in order to drain the differential housing. Drain the housing into a suitable container.

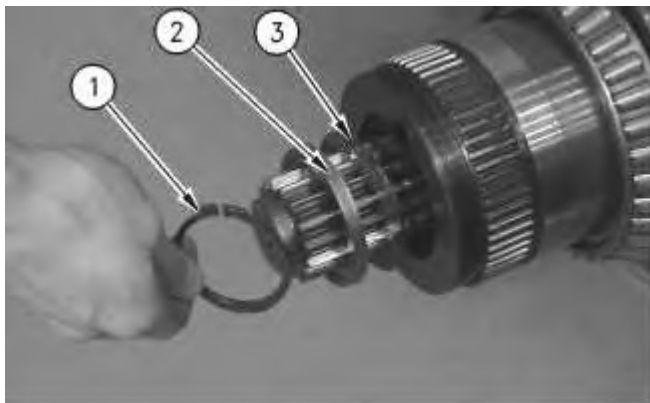


Illustration 1

g00780872

2. Remove snap ring (1). Remove thrust washers (2) and (3) .

Note: It may be necessary to push the axle into the housing slightly in order to remove the snap ring and the washers. It may be necessary to pull the axle out of the housing slightly in order to remove the snap ring and the washers.

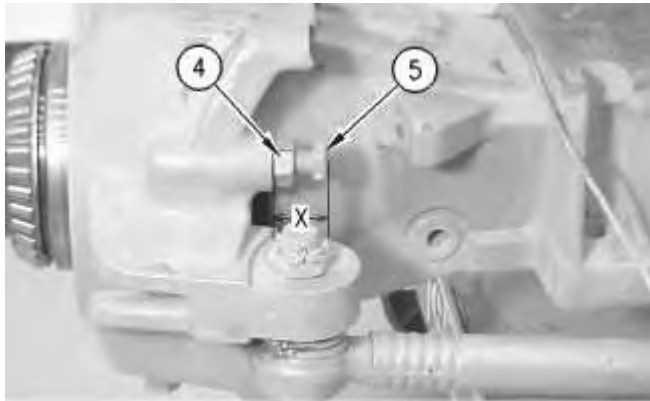


Illustration 2

g00780886

3. Measure the distance (X). The distance (X) is the length between the bottom of adjustment nut (4) and the top of bolt (5). Record this measurement for assembly purposes. Remove nut (4) and bolt (5) .
4. Remove the ball joint end of the tie rod. See Disassembly and Assembly, "Tie Rods (Steering) (Rear) - Remove and Install".

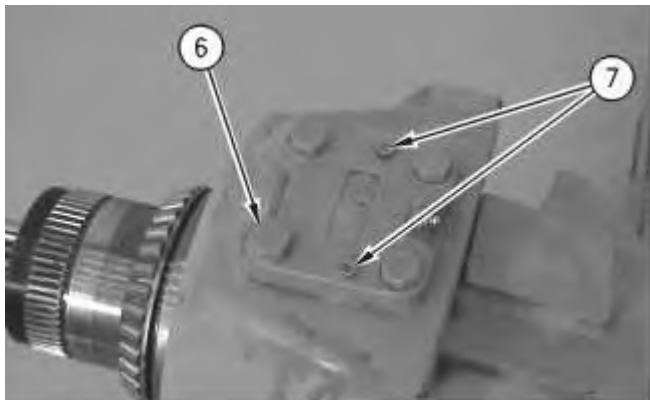


Illustration 3

g00780912

5. Remove four bolts (6). Remove two plastic caps (7) .
-

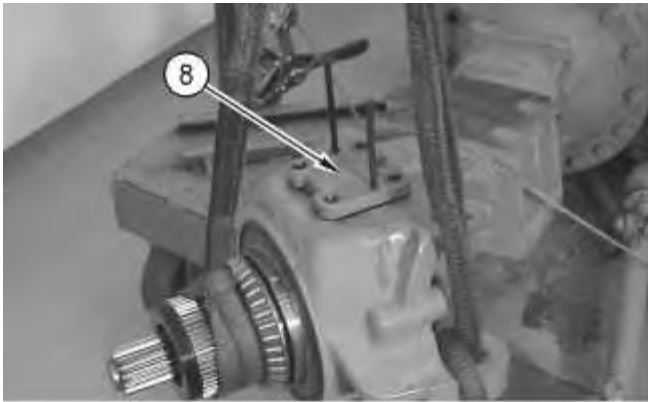


Illustration 4

g00780920

6. Use a suitable lifting device in order to support the housing for the steering knuckle. Use forcing screws in order to push the bearing and pin (8) out of the housing.

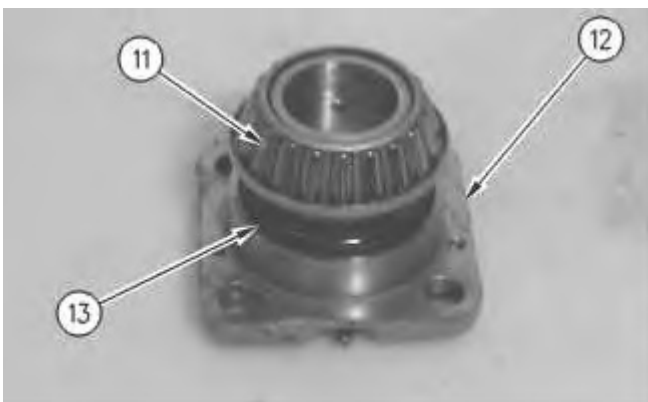


Illustration 5

g00780928

7. Separate bearing (9) from pin (8). Remove the O-ring (10) .

Note: It is important to note the placement of the shims. Retain the proper shims with the corresponding pins.



**Thank you very much
for your reading.**

**Please click here to buy
After you pay.**

**Then, you can
download the complete
manual instantly.
No waiting.**