

Product: BACKHOE LOADER

Model: 442D BACKHOE LOADER SMJ

Configuration: 442D Backhoe Loader SMJ00001-UP (MACHINE) POWERED BY 3054C 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

i01503434

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

SMCS - 4050-012-RE

Installation Procedure

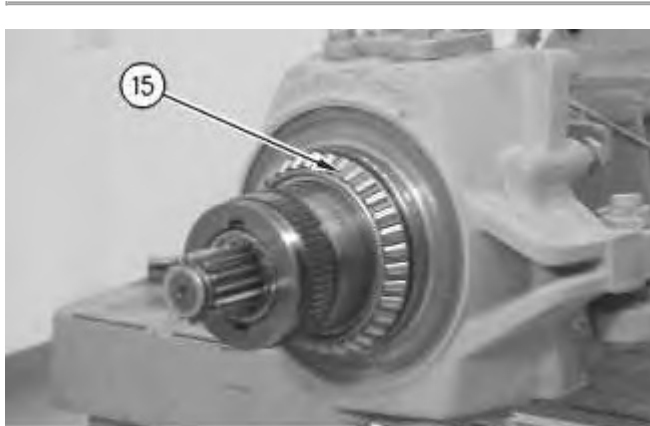


Illustration 1

g00780205

1. Install bearing (15) onto the housing for the steering knuckle.
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Illustration 2

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2. Lubricate the seal in the bore of the hub. Install the hub onto the steering knuckle. Install the outer hub bearing in order to secure the hub.

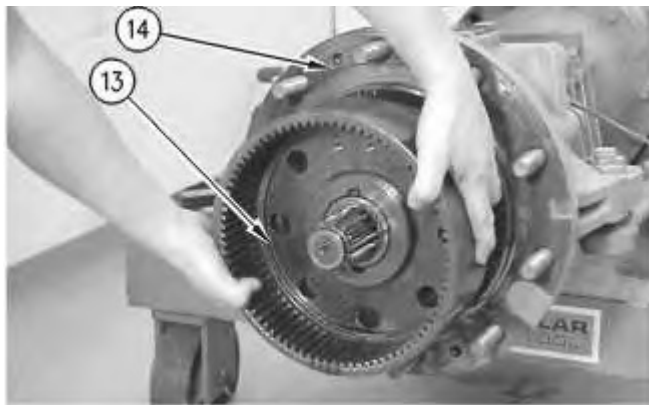


Illustration 3

g00780094

3. Install internal gear (13) .

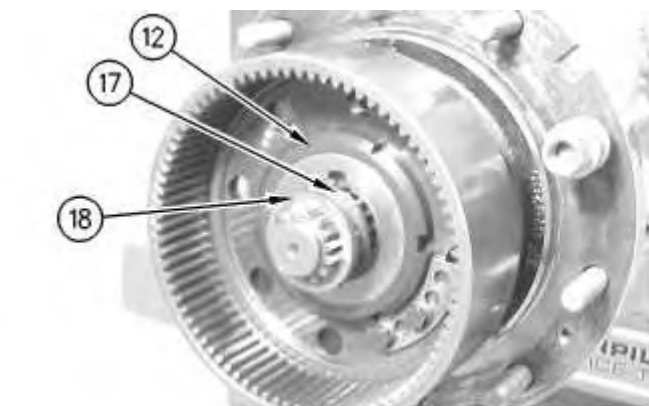


Illustration 4

g00780232

4. Install slotted nut (12). Ensure that chamfered side of slotted nut (12) is facing outward.

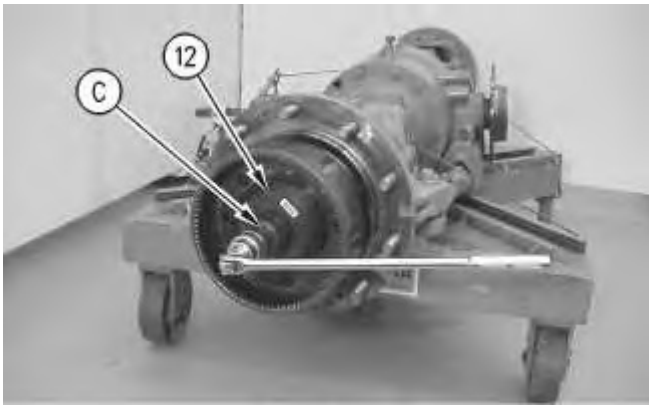


Illustration 5

g00780090

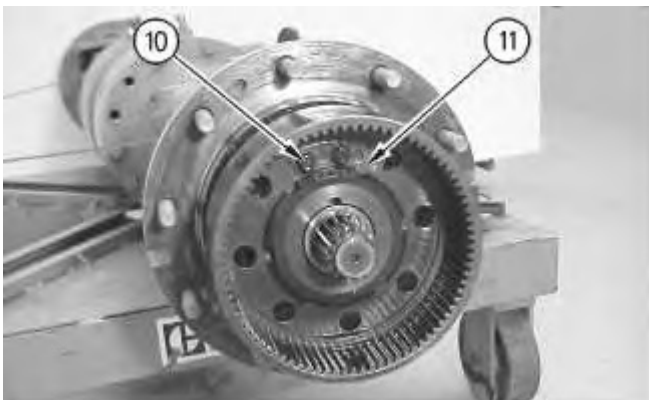


Illustration 6

g00780247

5. Use tooling (A) in order to tighten slotted nut (12). Tighten the slotted nut to a rolling torque of 46 N·m (34 lb ft).

Note: If the old bearings were reused, the rolling torque should be 27 N·m (20 lb ft).



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