



Service Repair Manual

Models

442D BACKHOE LOADER

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

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i01493862

Drive and Steering Axle (Rear) - Install

SMCS - 3020-012-RE

Installation Procedure

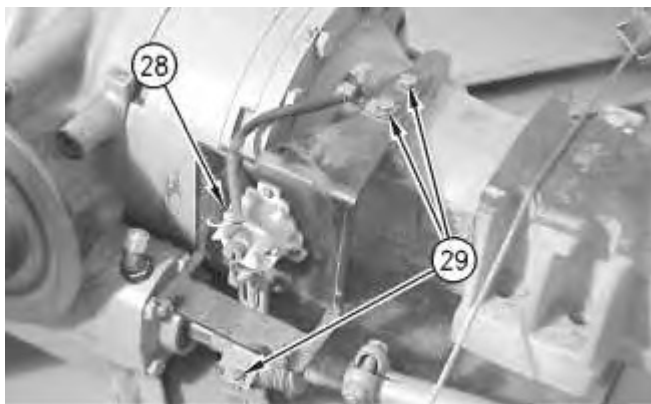


Illustration 1

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1. Install the sensor and bracket (28). Install 3 bolts (29) and the washers.

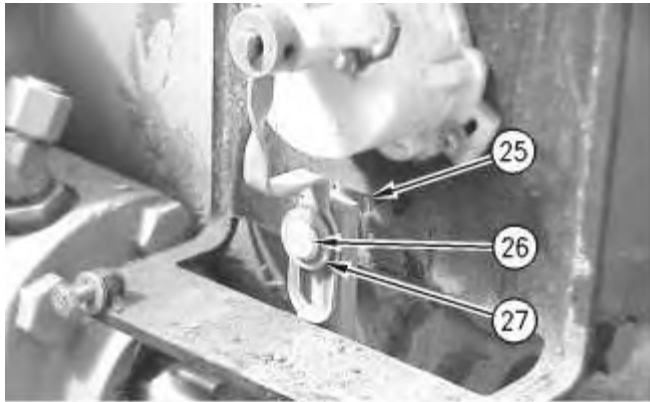


Illustration 2

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2. Install pin (26) and washer (27). Install clip (25) .

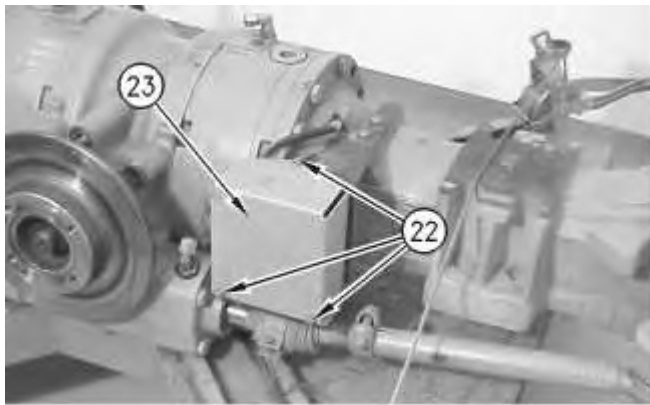


Illustration 3

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3. Install cover (23). Install 3 bolts (22) .

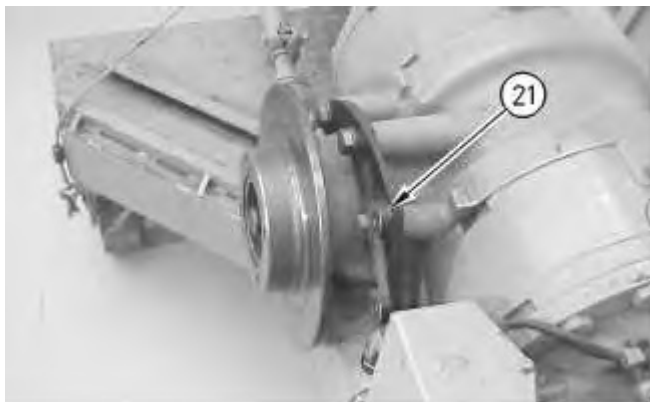


Illustration 4

g00775620

4. Install bracket (21) for the parking brake.



Illustration 5

g00775608

5. Use a suitable lifting device in order to move the axle.

Note: The axle weighs approximately 500 kg (1102 lb).



Illustration 6

g00775593

6. Use a hydraulic jack (19) in order to position the axle under the machine in the proper place.



7. Install 4 nuts (20), the washers, and the plate. Repeat for the other side.
8. Move the hydraulic jack away from the rear axle.



Illustration 8

9. Connect the wire for the sensor for the rear steer.

Note: The wire is located in the area of the pointer.

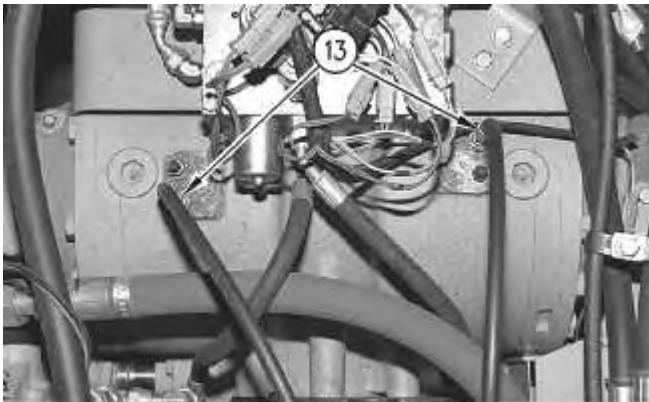


Illustration 9

10. Install 2 hydraulic hoses (13) on the top of the axle.
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