



Service Repair Manual

Models

442D BACKHOE LOADER

Product: BACKHOE LOADER

Model: 442D BACKHOE LOADER BRG

Configuration: 442D Backhoe Loader BRG00001-00827 (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

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i01493758

Drive and Steering Axle (Rear) - Remove

SMCS - 3020-011-RE

Removal Procedure

Start By:

- A. Remove the rear tires and wheels. See Disassembly and Assembly, "Tires & Wheels (Rear) - Remove and Install".

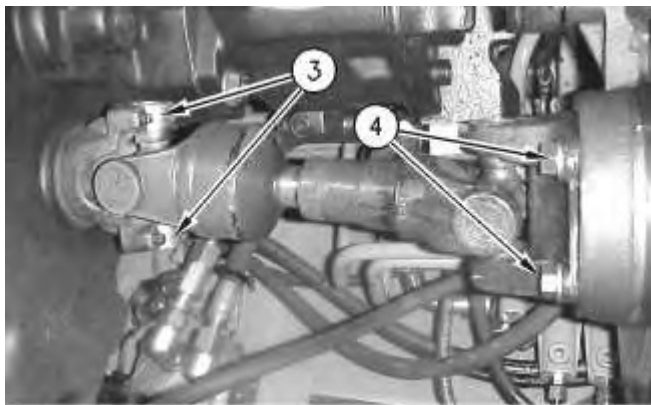


Illustration 1

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1. Remove two brackets (3) for the front of the drive shaft. Remove four bolts (4) from the rear of the drive shaft.
-

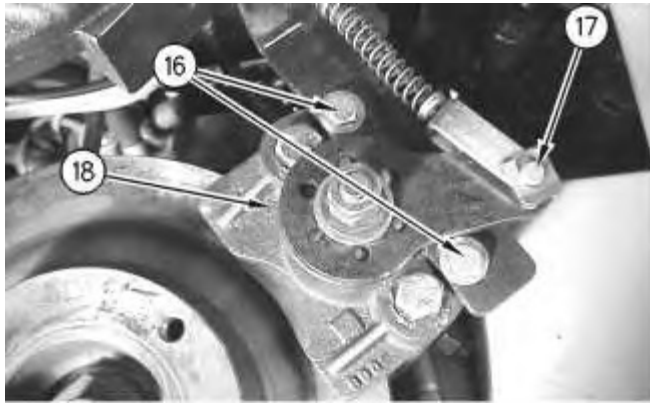


Illustration 2

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2. Remove 2 bolts (16) and pin (17) in order to remove parking brake assembly (18) .

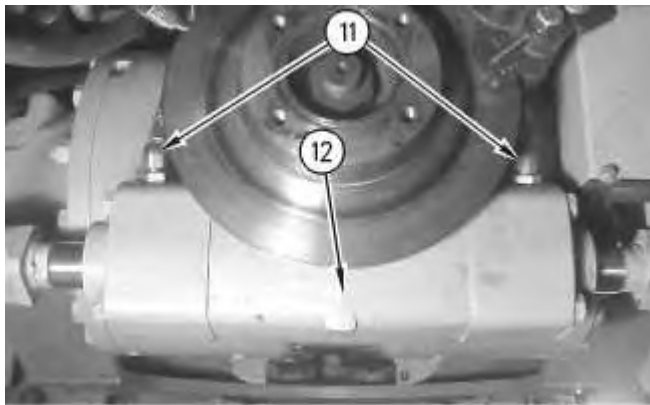


Illustration 3

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3. Remove 2 hydraulic hoses (11) from rear steering cylinder (12) .

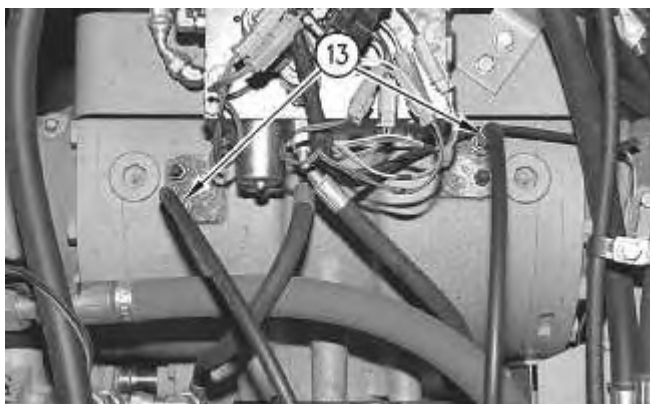


Illustration 4

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4. Remove 2 hydraulic hoses (13) from the top of the axle.

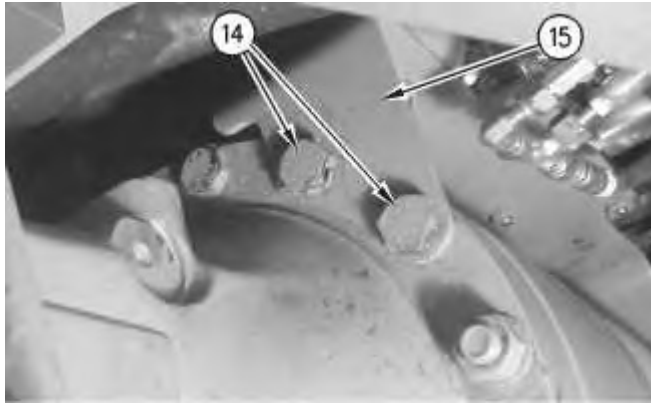


Illustration 5

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5. Remove 2 bolts (14) from bracket (15) for the manifold. Repeat for the other side of the bracket for the manifold.

Note: Be sure to support the manifold and the bracket.



Illustration 6

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6. Disconnect the wire for the sensor for the rear steer.

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



Illustration 7

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7. Position a suitable hydraulic jack (19) under the rear axle.



Illustration 8

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8. Remove 4 nuts (20), the washers, and the plate. Repeat for the other side.



Illustration 9

g00775608

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

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