

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

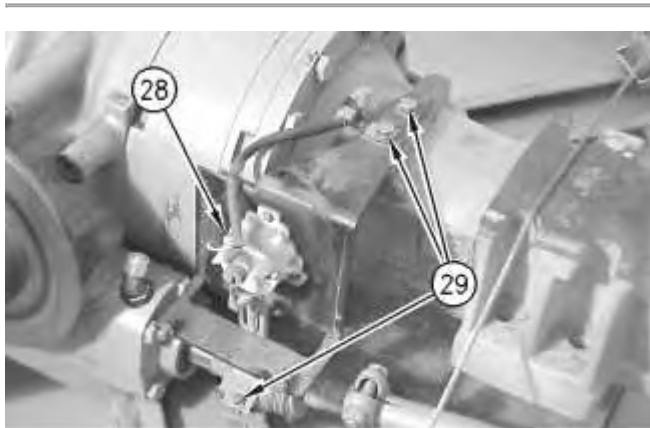


Illustration 1

g00775630

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

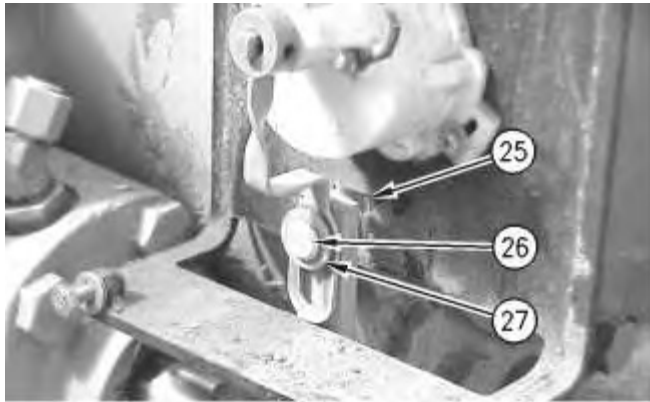


Illustration 2

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

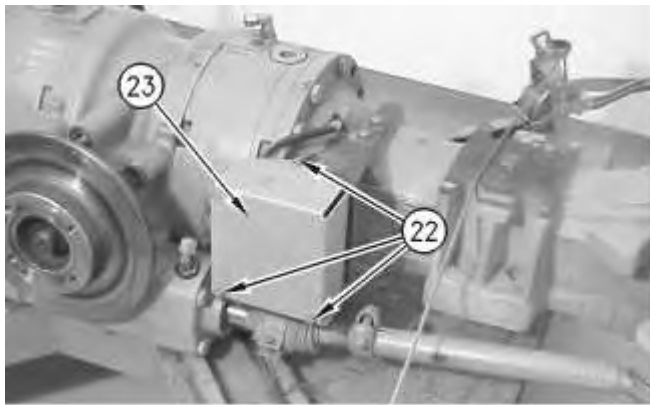


Illustration 3

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

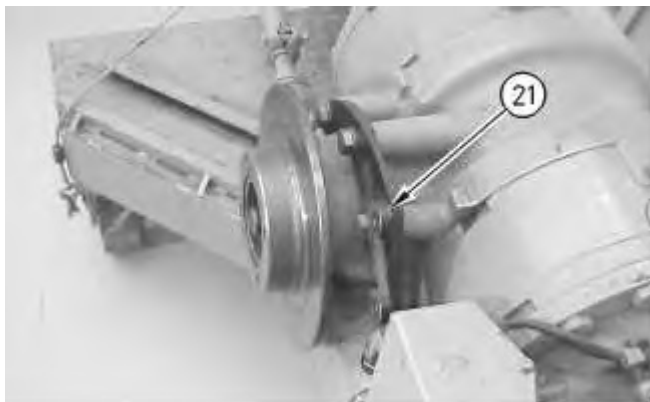


Illustration 4

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.

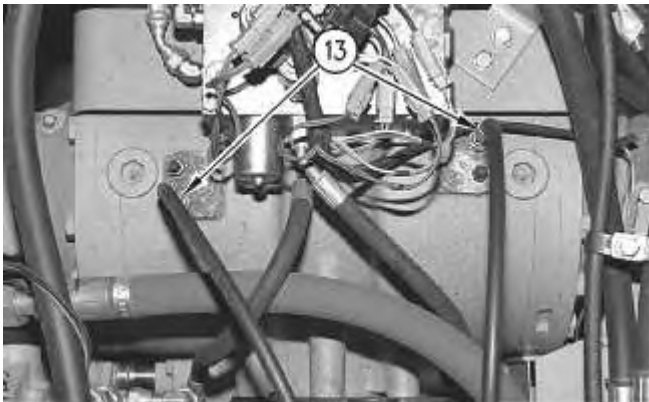


Illustration 9

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

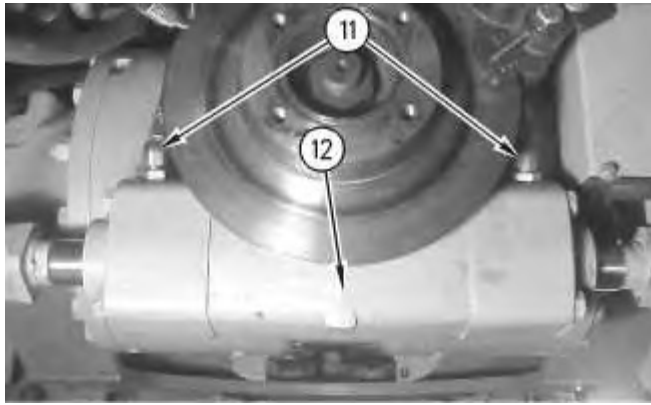


Illustration 10

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11. Install 2 hydraulic hoses (11) on rear steering cylinder (12) .

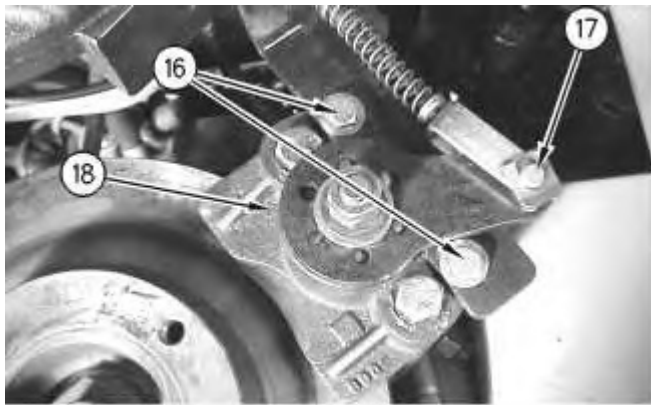


Illustration 11

g00775573

12. Install 2 bolts (16) and pin (17) in order to install parking brake assembly (18) .

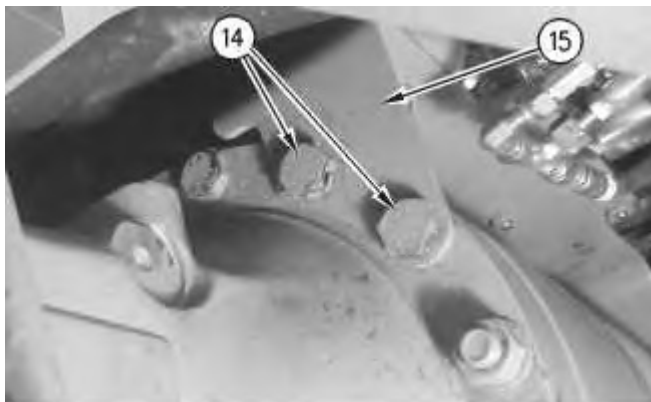


Illustration 12

g00775534

13. Install 2 bolts (14) for bracket (15) for the manifold. Repeat for the other side of the bracket for the manifold.

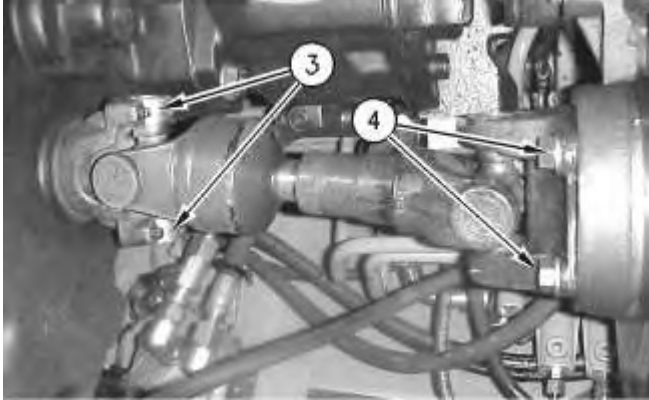


Illustration 13

g00779594

14. Install two brackets (3) for the front of the drive shaft. Install four bolts (4) for the rear of the drive shaft.

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

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