



# Service Repair Manual

## **Models**

# 329DL EXCAVATOR

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**Note:** Cleanliness is an important factor. Before the disassembly procedure, clean the exterior of the component . Cleaning will prevent dirt from entering the internal mechanism.

**Note:** Only the right pump control is equipped with the proportional reducing valve. The left pump control starts with Step 4.

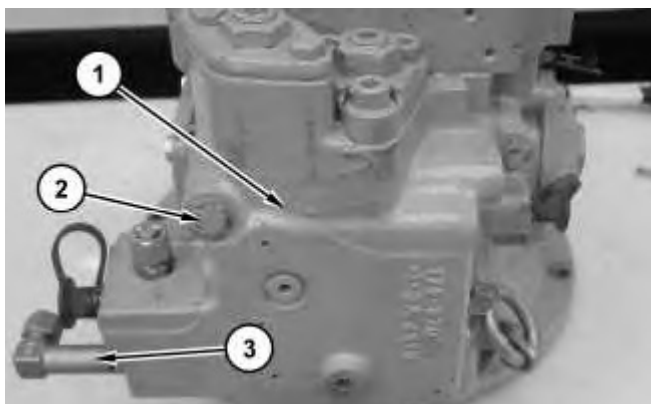


Illustration 1

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1. Remove bolts (2) , pump control (1) , and fitting (3) .

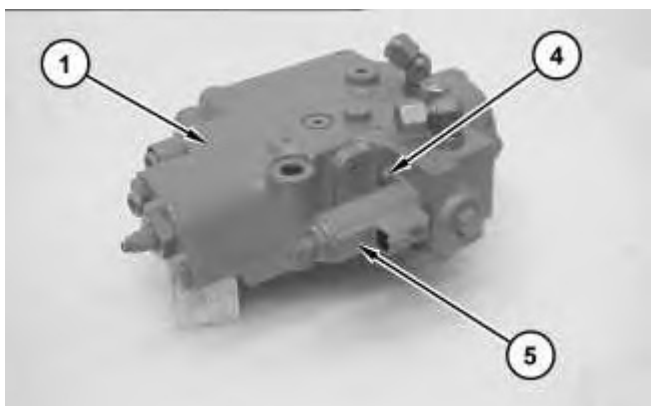


Illustration 2

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Right Pump Only

2. Remove bolts (4) . Remove proportional reducing valve (5) from pump control (1) .
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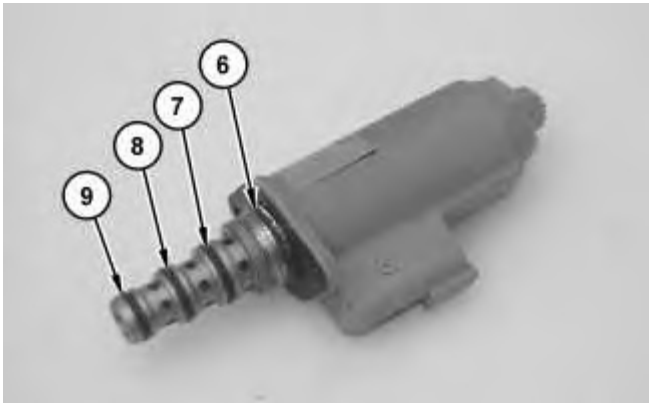


Illustration 3

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Right Pump Only

3. Remove O-ring seal (9) , O-ring seal (8) , O-ring seal (7) , and O-ring seal (6) from the proportional reducing valve.

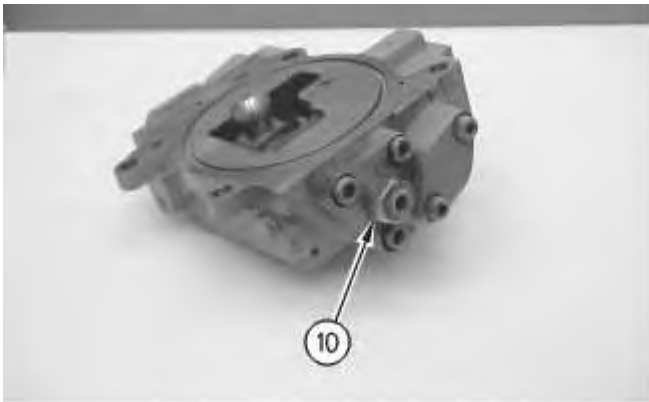
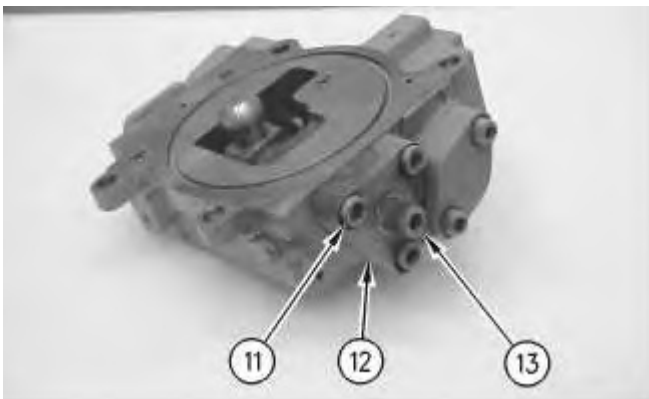


Illustration 4

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4. Remove nut (10) from the pump control.



5. Measure the length of screw (13) for installation purposes. Remove screw (13) . Remove bolts (11) . Remove cover (12) from the pump control.

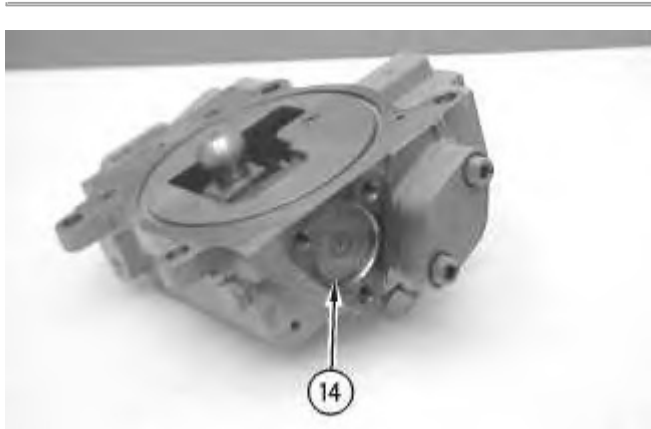


Illustration 6

6. Remove stopper (14) from the pump control.

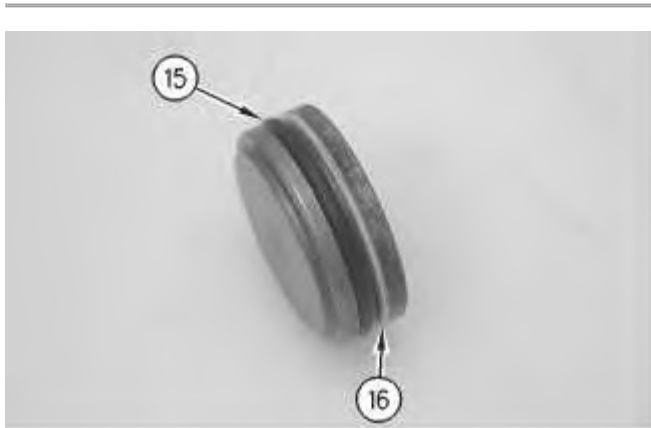


Illustration 7

7. Remove O-ring seal (15) and backup ring (16) from the stopper.
  8. Repeat Step 4 through Step 7 for the other side of the pump control.
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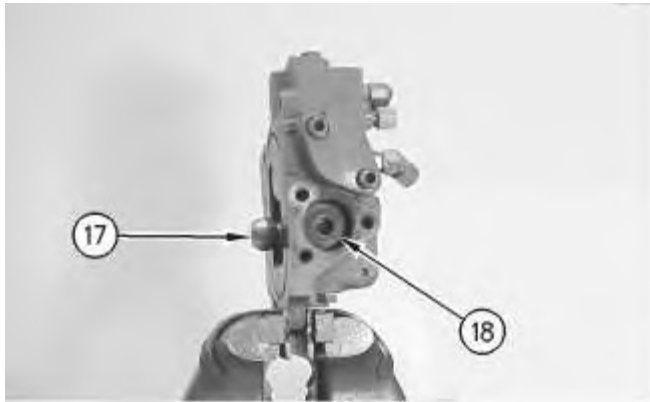


Illustration 8

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9. Place the pump control in a soft jawed vise. Support pin assembly (17) . Remove piston (18) from the pump control. Remove pin assembly (17) from the pump control.



Illustration 9

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10. Remove dowel pin (19) from the pin.

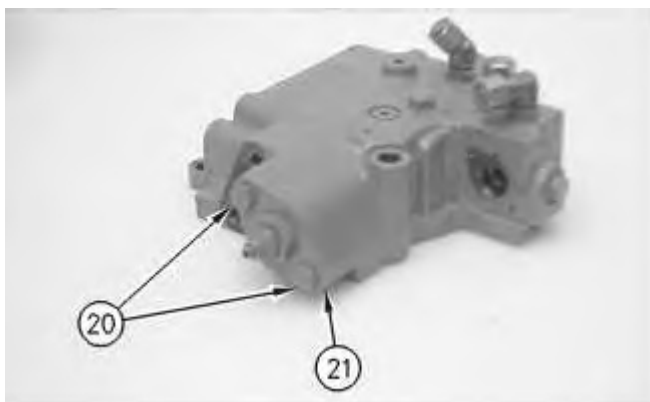


Illustration 10

g00706249

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