



Service Repair Manual

Models

320D2L Excavator

any disassembled components and clean them properly before assembly.

Clean the hydraulic system properly after any major component exchange or especially after a component failure, to remove any contamination.

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.

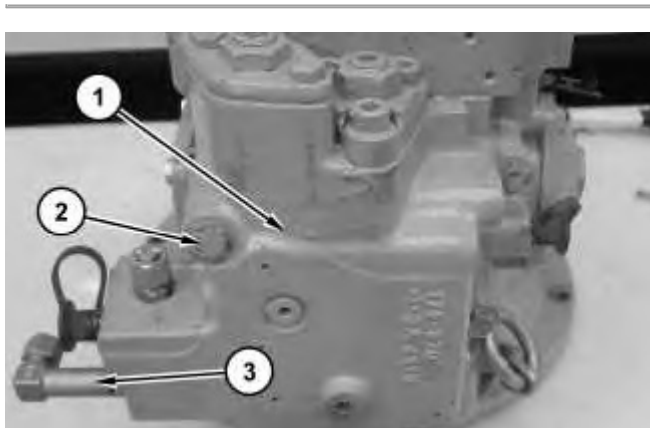


Illustration 1

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

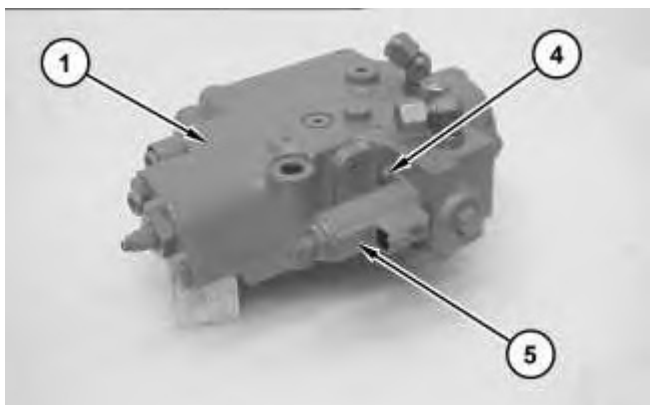


Illustration 2

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Right Pump Only

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

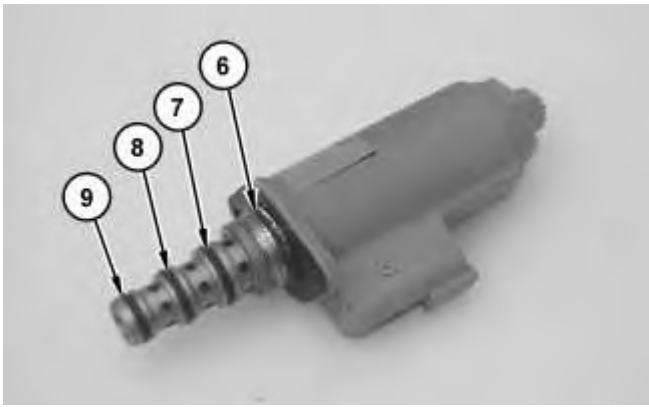


Illustration 3

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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.

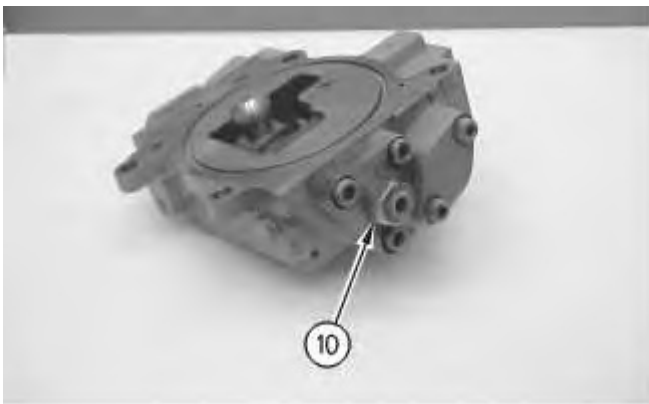


Illustration 4

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

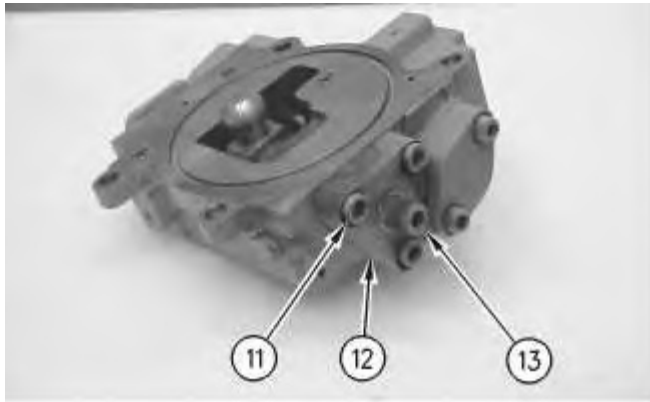


Illustration 5

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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

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

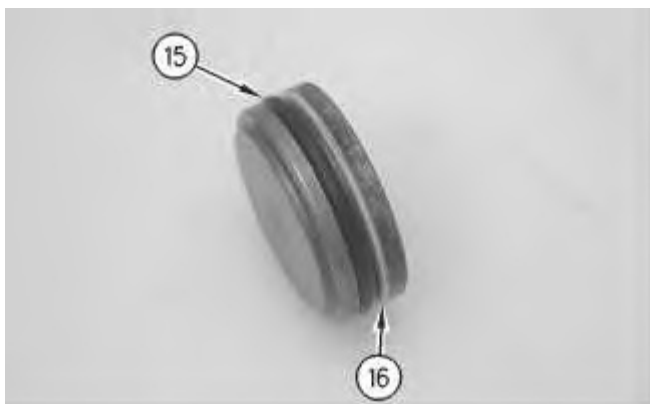


Illustration 7

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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.

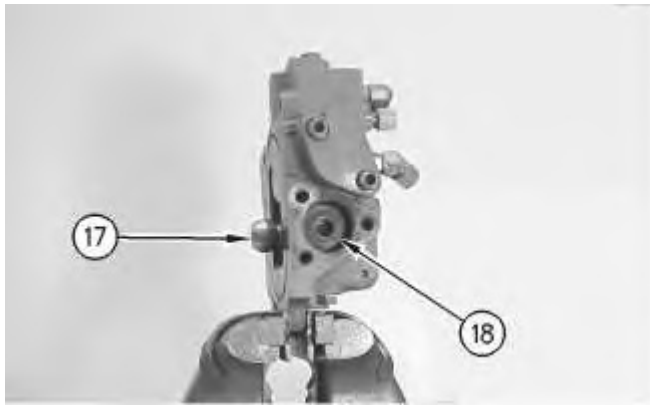


Illustration 8

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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.
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