



# Service Repair Manual

## **Models**

320D2L Excavator

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## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	5F-7465	Puller Group	1
B	1P-2420	Transmission Repair Stand	1
C	138-7575	Link Bracket	3
D	1P-0510	Driver Group	1
E	1P-1859	Retaining Ring Pliers	1
F	9S-9152	Bearing Puller	1
G	8B-7551	Bearing Puller	1

### Start By:

- A. Remove the main hydraulic pump. Refer to Disassembly and Assembly, "Main Hydraulic Pump - Remove" for the machine that is being serviced.

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### NOTICE

**Keep all parts clean from contaminants.**

**Contamination of the hydraulic system with foreign material will reduce the service life of the hydraulic system components.**

**To prevent contaminants from entering the hydraulic system, always plug or cap the lines, fittings, or hoses as they are disconnected. Cover**

**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.**

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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.

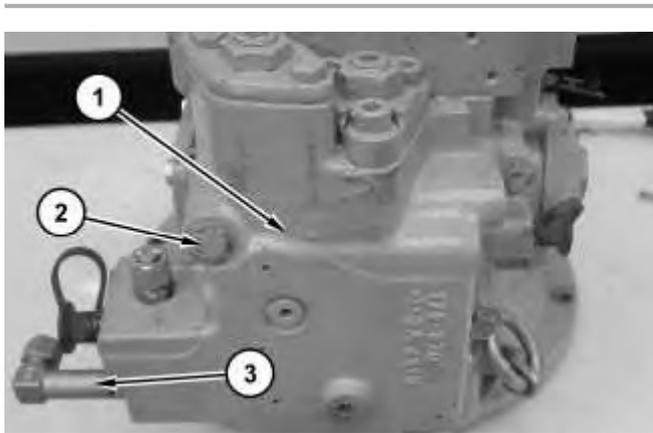


Illustration 1

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

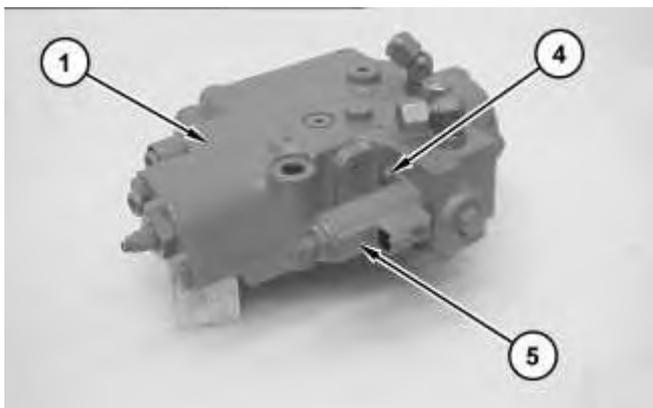


Illustration 2

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Right Pump Only

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

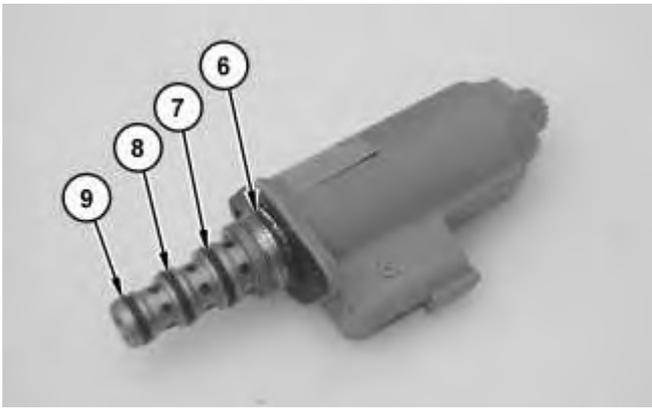


Illustration 3

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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.

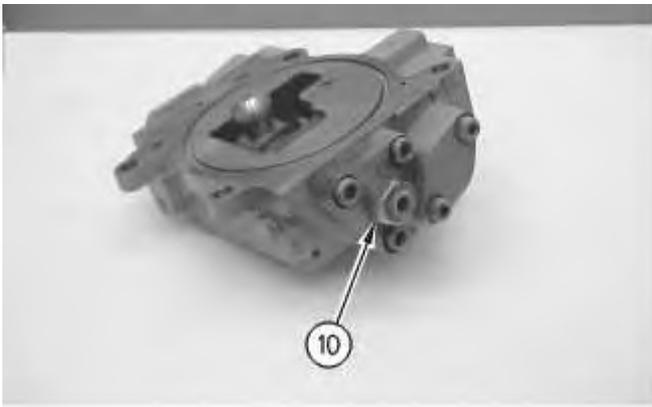


Illustration 4

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

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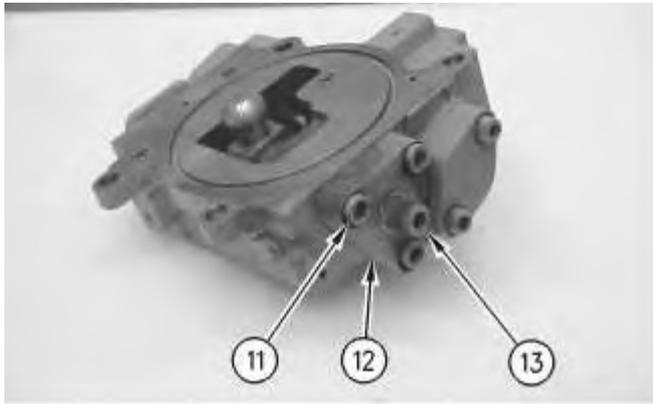


Illustration 5

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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.

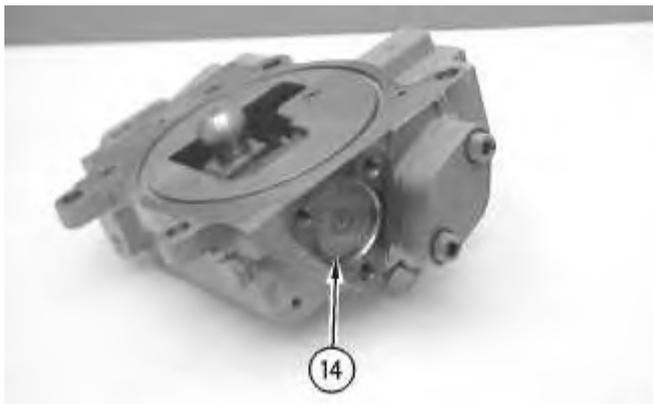


Illustration 6

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

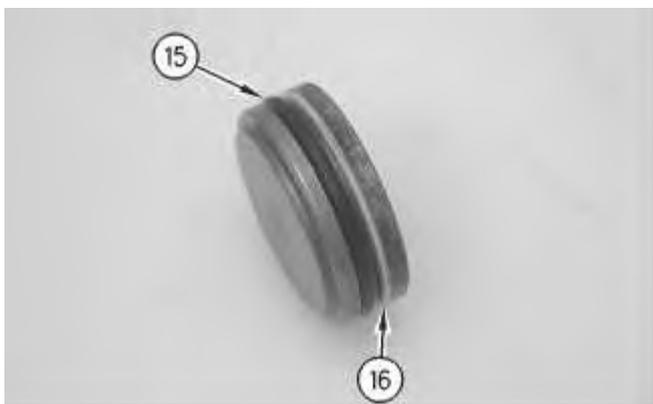


Illustration 7

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