CATERPILLAR®

Service Repair Manual

Model

322C and 322C LN 322CLN EXCAVATOR

Product: EXCAVATOR
Model: 322C EXCAVATOR BGR
Configuration: 322C & 322C LN EXCAVATORS BGR00001-UP (MACHINE) POWERED BY 3126 Engine

Disassembly and Assembly
322C Excavator Machine Systems
Media Number -RENR3843-07 **Publication Date -01/02/2017** **Date Updated -20/02/2017**

i01974060

Control Valve (Auxiliary) - Disassemble - F2 Auxiliary Control Valve

SMCS - 5051-015-AX

Disassembly Procedure

Start By:

a. Remove the F2 auxiliary control valve. Refer to Disassembly and Assembly, "Control Valve (Auxiliary) - Remove" for the machine that is being serviced.

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.

Note: Cleanliness is an important factor. Before the disassembly procedure, the exterior of the component should be thoroughly cleaned. This will prevent contamination from entering the internal mechanism.

Solenoid Valve and Housing

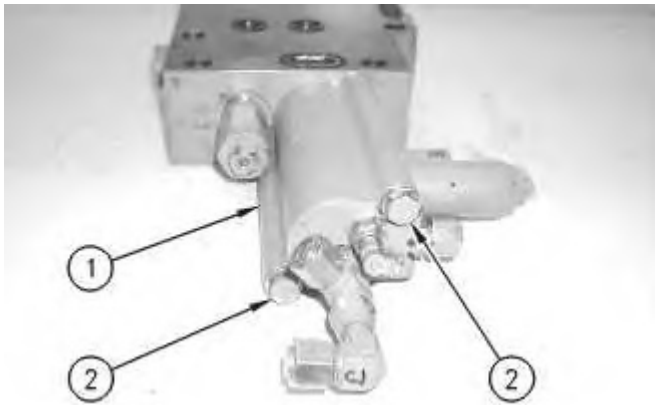

Illustration 1 g00713277

1. Remove two bolts (2). Remove valve (1).

Illustration 2 g00713314

2. Remove the O-ring seal (3) from the valve housing.

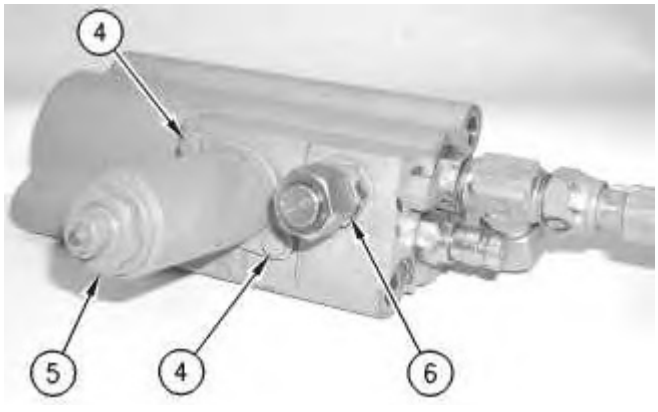

Illustration 3 g00713315

3. Remove two bolts (4). Remove solenoid valve (5) from the housing. Remove fitting (6).

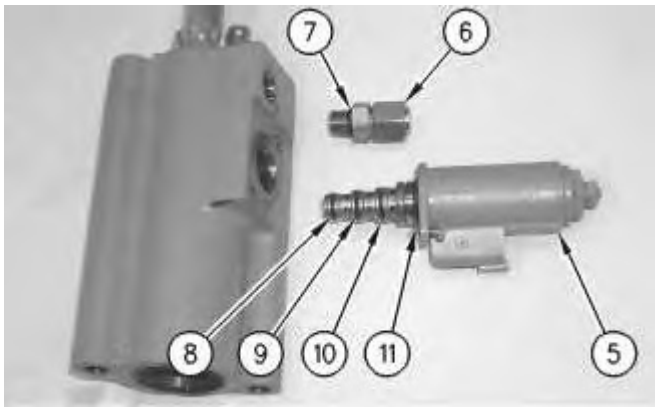

Illustration 4 g00713316

4. Remove O-ring seal (7) from fitting (6). Remove O-ring seal (8), (9), (10), and (11) from solenoid valve (5).

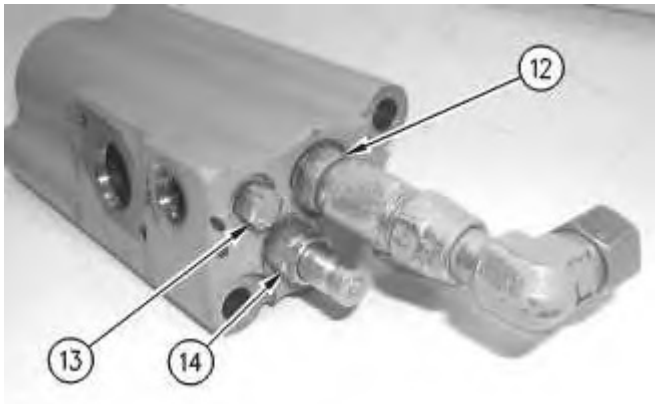

Illustration 5 g00713317

5. Remove fitting (12), plug (13), and fitting (14).

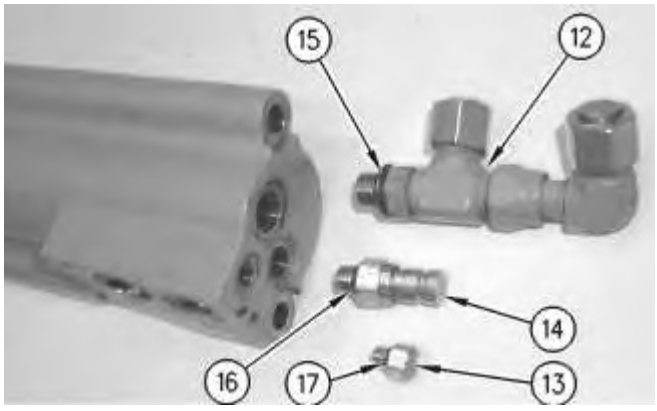

Illustration 6 g00713318

6. Remove O-ring seal (15) from fitting (12). Remove O-ring seal (16) from fitting (14). Remove O-ring seal (17) from plug (13).

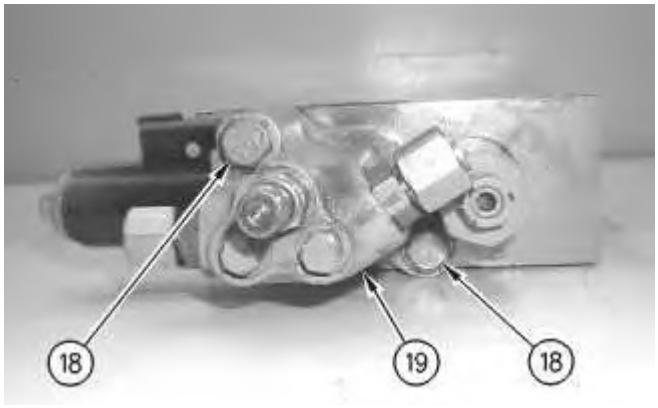

Illustration 7 g00713319

7. Remove two bolts (18). Remove valve (19).

Illustration 8 g00713320

8. Remove O-ring seal (20) from the valve housing.

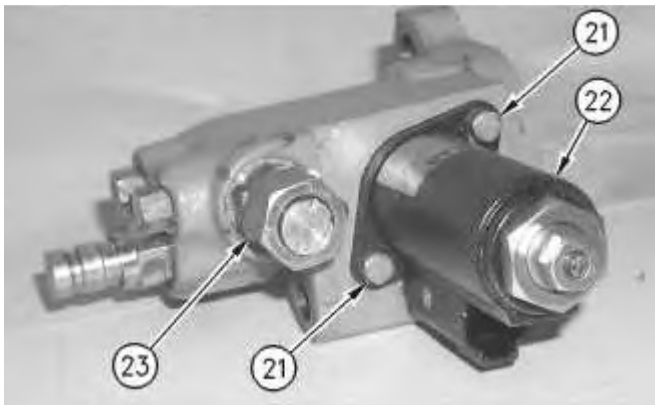

Illustration 9 g00713321

9. Remove two bolts (21). Remove solenoid valve (22) from the housing. Remove fitting (23).

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