



Service Repair Manual

Models

385B Excavator

Product: EXCAVATOR

Model: 385B EXCAVATOR ANS

Configuration: 385B Excavator ANS00001-UP (MACHINE) POWERED BY 3456 Engine

Disassembly and Assembly 385B and 5090B Excavators Excavator Systems

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i01653627

Control Valve - Disassemble - Attachment, Bucket, and Boom

SMCS - 5051-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1862	Pliers	1

Note: Cleanliness is an important factor. Before you begin the disassembly procedure, the exterior of the components should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism. Precision components can be damaged by contaminants or by dirt. Perform disassembly procedures on a clean work surface. Keep components covered and protected at all times.

Note: Check the O-ring seals, the gaskets, and the seals for wear or for damage. Replace the components, if necessary.



WARNING

Personal injury can result from parts and/or covers under spring pressure.

Spring force will be released when covers are removed.

Be prepared to hold spring loaded covers as the bolts are loosened.

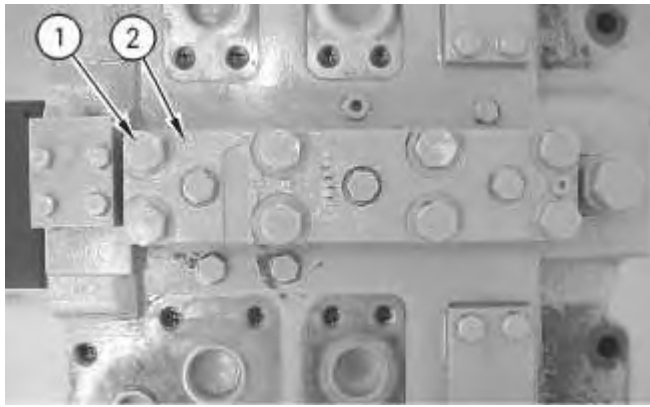


Illustration 1

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1. Remove bolts (1) and cover (2).

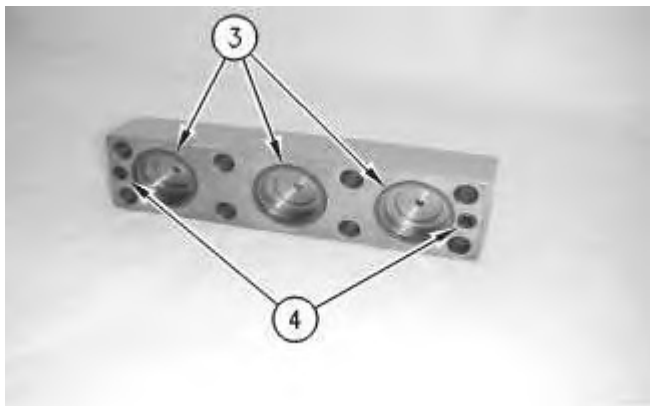


Illustration 2

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2. Remove O-ring seals (3) and (4).

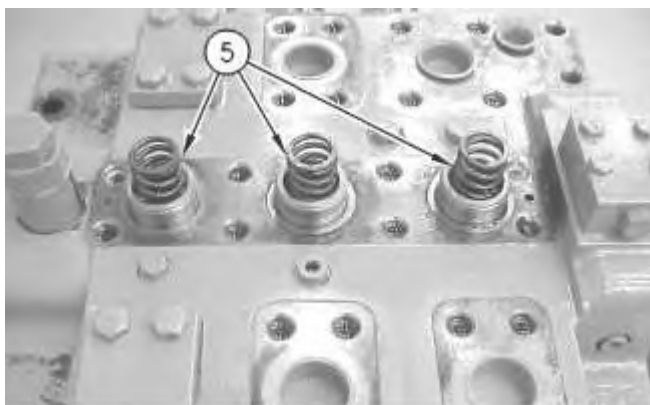


Illustration 3

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3. Remove flow compensator valves (5).



Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

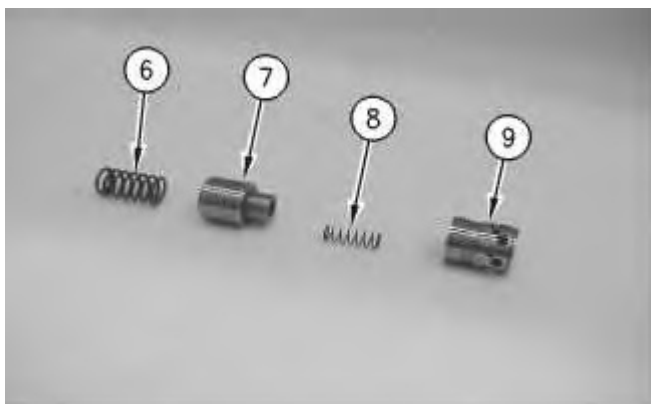


Illustration 4

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4. Disassemble the flow compensator valves. Remove springs (6), sleeves (7), springs (8), and valves (9).

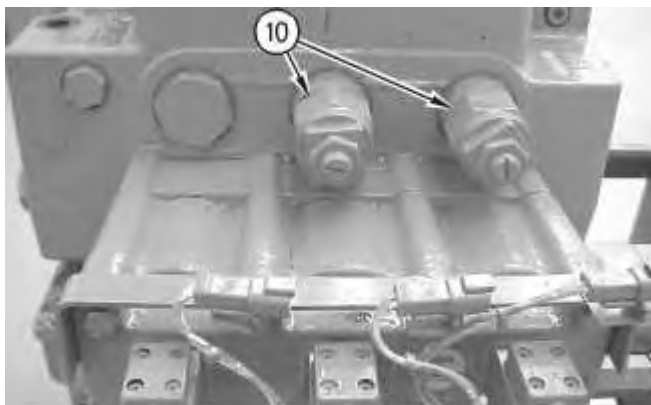


Illustration 5

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5. Remove line relief valves (10).
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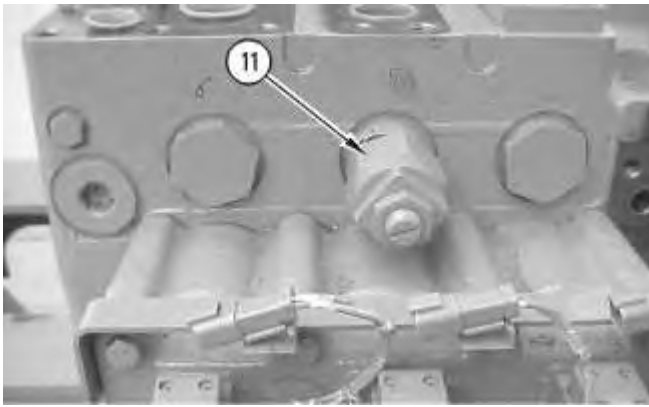


Illustration 6

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6. Remove line relief valve (11).

! WARNING

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

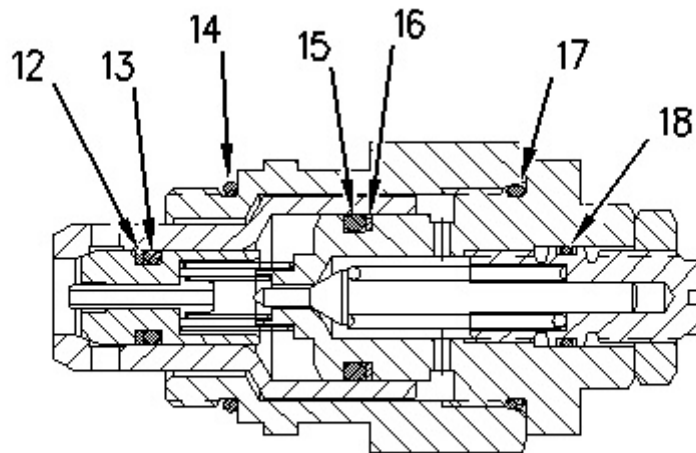


Illustration 7

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7. Disassemble line relief valves (10) and (11). Remove O-ring seals (13), (14), (15), (17), and (18). Remove backup rings (12) and (16).

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