



Service Repair Manual

Models

385B EXCAVATOR

Product: EXCAVATOR

Model: 385B EXCAVATOR MYA

Configuration: 385B Excavator MYA00001-UP (MACHINE) POWERED BY 3456 Engine

Disassembly and Assembly 385B and 5090B Excavators Excavator Systems

Media Number -REN5407-06

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i01668635

Control Valve - Disassemble - Right Travel, Left Travel, and Stick

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.

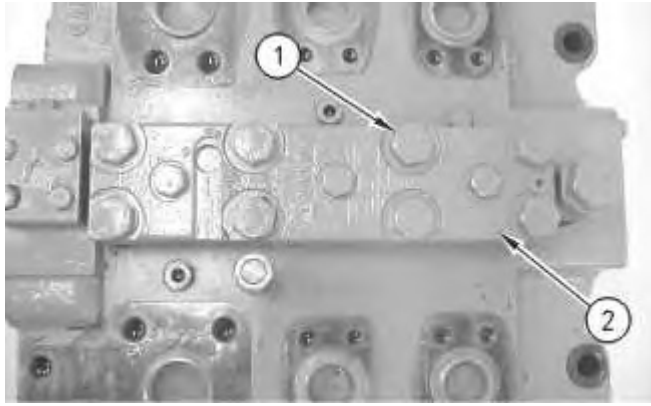


Illustration 1

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

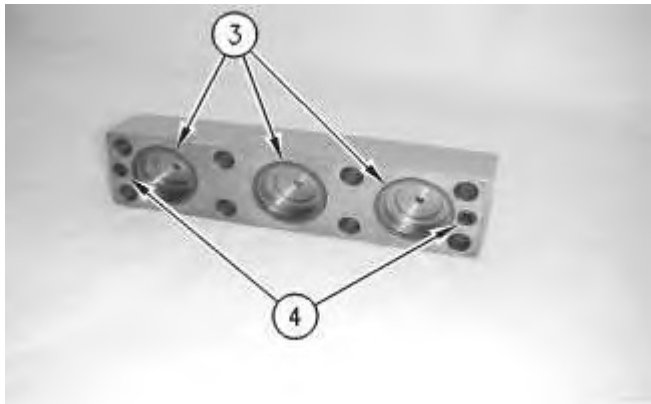


Illustration 2

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

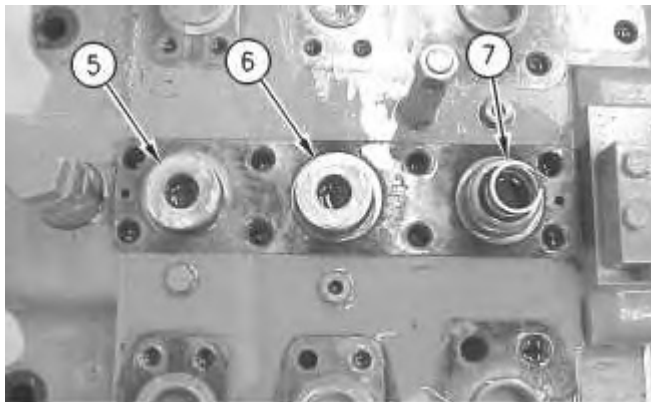


Illustration 3

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3. Remove load check valves (5) and (6) and flow compensator valve (7).
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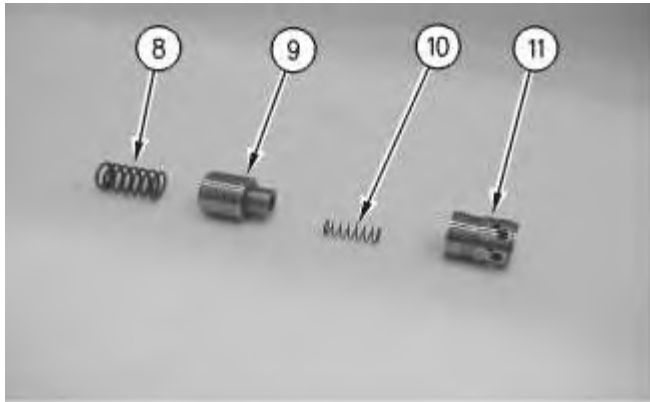


Illustration 4

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4. Disassemble flow compensator valve (7). Remove spring (8), sleeve (9), and spring (10) from valve (11).

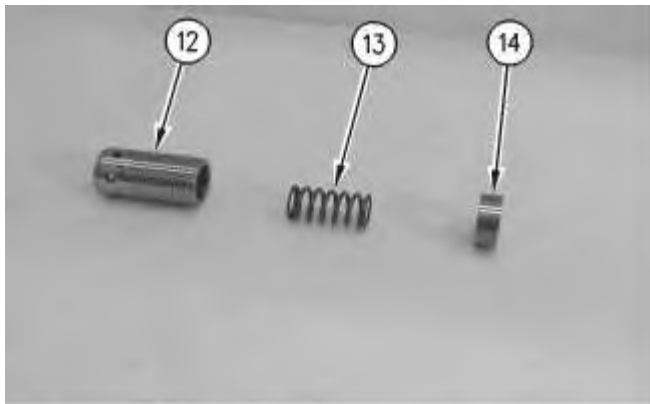


Illustration 5

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5. Disassemble load check valves (5) and (6). Remove boss (14) and spring (13) from valve (12).

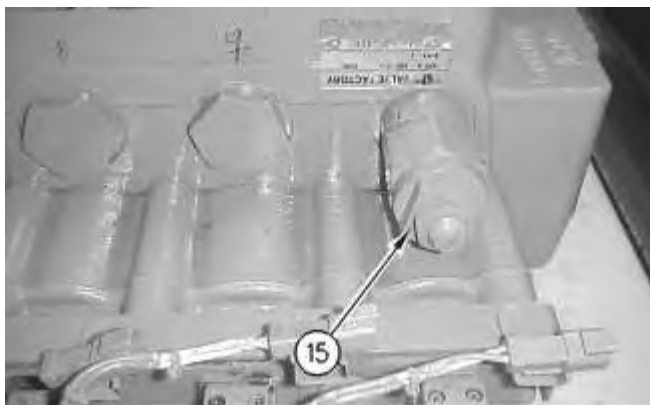


Illustration 6

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6. Remove relief valve (15).

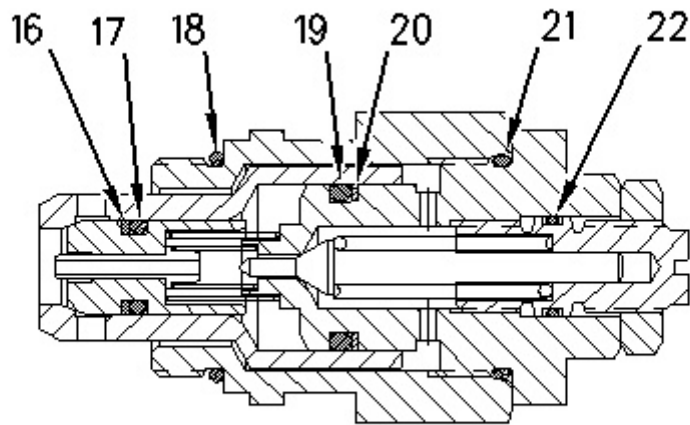


Illustration 7

g00862192

7. Disassemble relief valve (15). Remove O-ring seals (16), (18), (19), (21), and (22). Remove backup rings (17) and (20).

Note: Only the O-ring seals and the backup rings in the relief valves are serviceable. However, the line relief valves may be disassembled for cleaning.

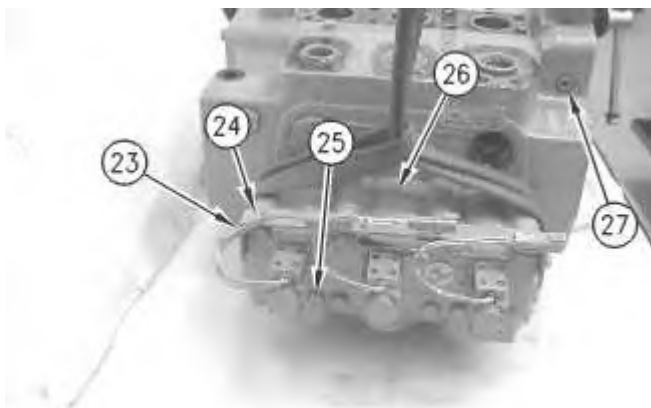


Illustration 8

g00862206

8. Use a hoist and a lifting sling to support actuator (26). Remove bolts (23) and bracket (24). Remove bolts (25) and actuator (26). The weight of the actuator is approximately 28 kg (60 lb). Remove resolver valve (27).
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