



Service Repair Manual

Models

385B and 385B L Excavator

Product: EXCAVATOR

Model: 385B EXCAVATOR RCD

Configuration: 385B L Excavator RCD00001-UP (MACHINE) POWERED BY 3456 Engine

Disassembly and Assembly 385B and 5090B Excavators Excavator Systems

Media Number -REN5407-06

Publication Date -01/02/2016

Date Updated -12/02/2016

i01674415

Control Valve - Disassemble - Proportional Valve

SMCS - 5051-015

Disassembly Procedure

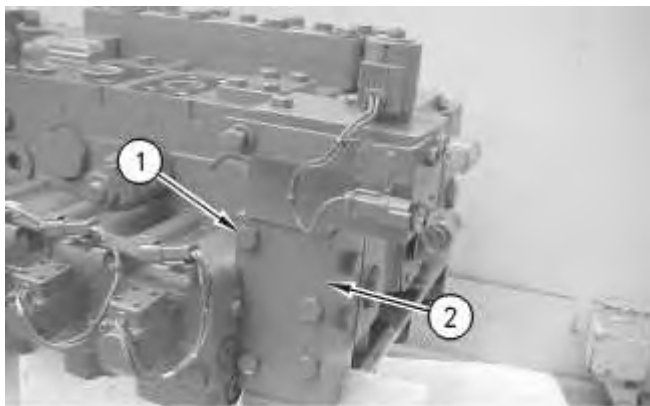
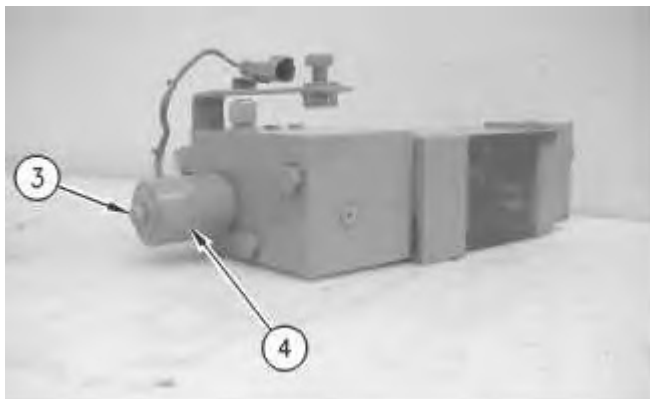


Illustration 1

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1. Remove bolts (1) and valve group (2).



2. Remove nut (3) and solenoid (4).

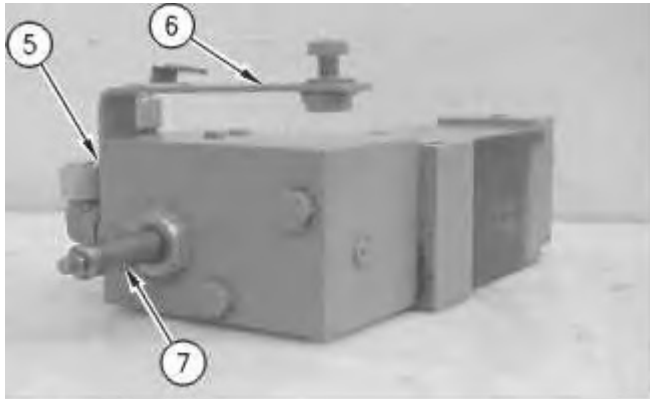


Illustration 3

3. Remove bolt (5) and bracket assembly (6). Remove cartridge (7).

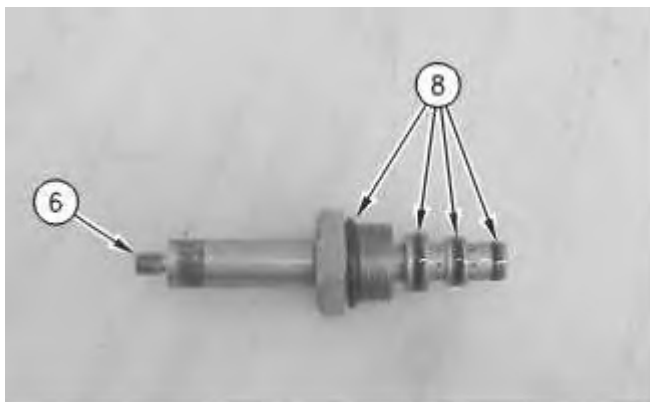


Illustration 4

4. Remove O-ring seals (8) from cartridge (6).

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i01659183

Control Valve - Assemble - Attachment, Bucket, and Boom

SMCS - 5051-012

Assembly Procedure

Table 1

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

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

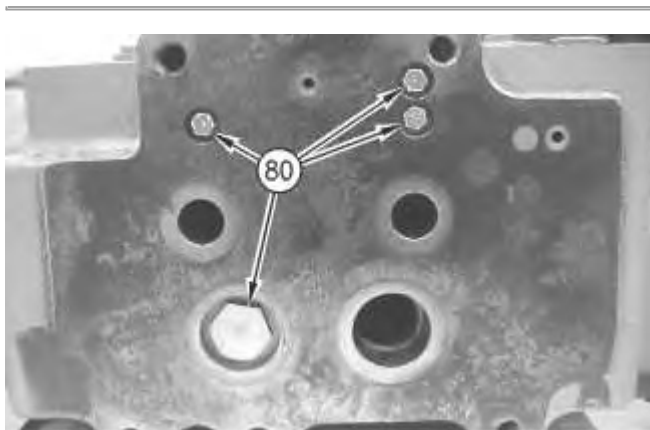


Illustration 1

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1. Install plugs and O-ring seals (80).

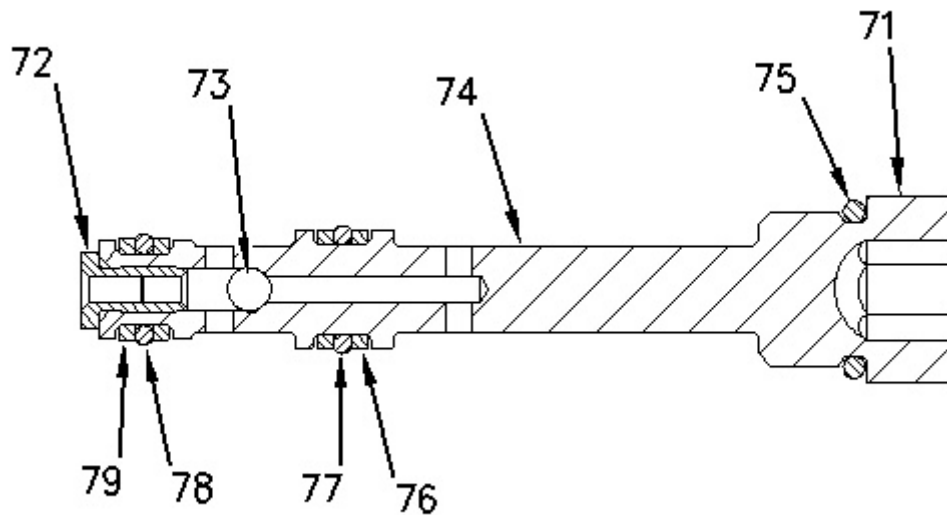


Illustration 2

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2. Assemble resolver (71). Install ball (73) in valve (74). Install seat (72). Install backup rings (76) and (79). Install O-ring seals (75), (77), and (78).

Note: Reduce the temperature of seat (72) before inserting the seat into the bore of valve (74).

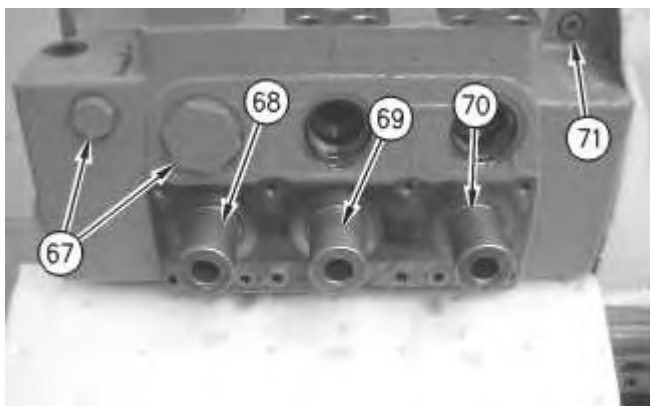


Illustration 3

g00854162

3. Install resolver (71). Tighten the resolver to a torque of 50 ± 10 N·m (37 ± 7 lb ft). Install stems (68), (69), and (70). Install plugs and O-ring seals (67).

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