

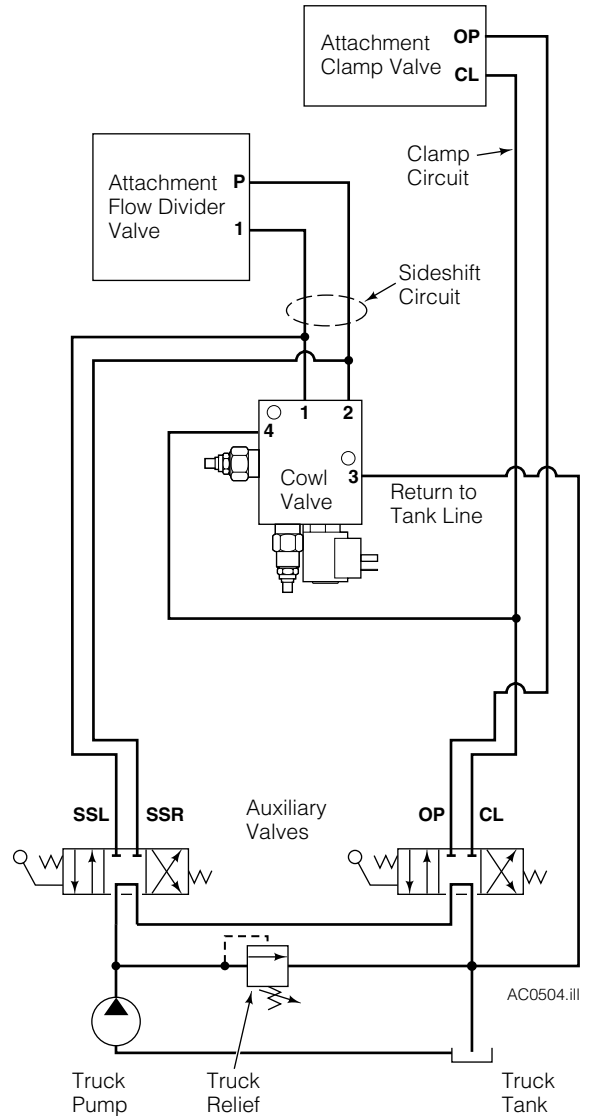
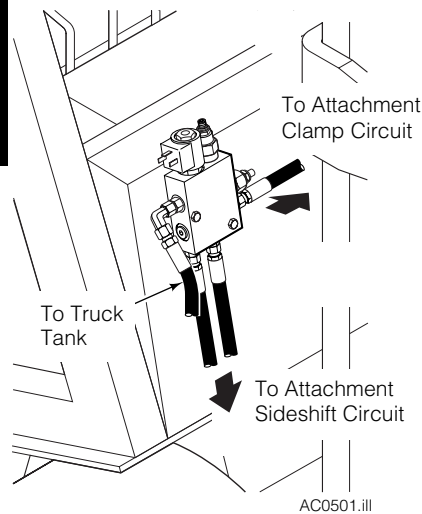
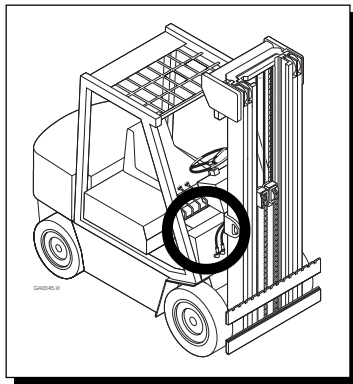


Installation Instructions

Solenoid Valve Assembly Kit 6019421

This sheet provides installation instructions and replacement parts list for the Cascade Cowl Valve with return to tank.

- 1 Determine a valve mounting location on the truck cowl. The valve must clear the mast when fully tilted back.
- 2 Mount the valve on the truck cowl using 5/16 in. diameter capscrews (user supplied).
- 3 Make two No. 4 hoses to connect/tee valve ports 1 and 2 into the sideshift supply hoses. Install the hoses.
- 4 Make a No. 4 hose assembly to run from valve tank port 3 to tee into the tank main return hose or directly into the top of the tank. Cascade Return Line Adapter Kit 211745 allows easy splicing into the truck return to tank line.
- 5 Make a No. 4 hose to connect/tee valve port 4 into the attachment clamp supply hose.



Part No. 6019422

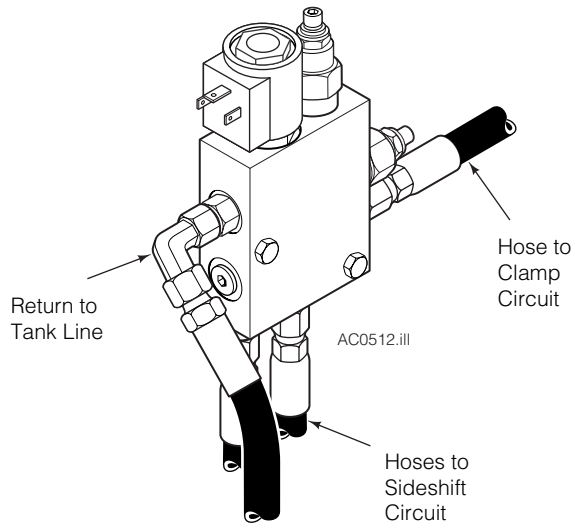
cascade[®]
corporation

For Technical Support . . .

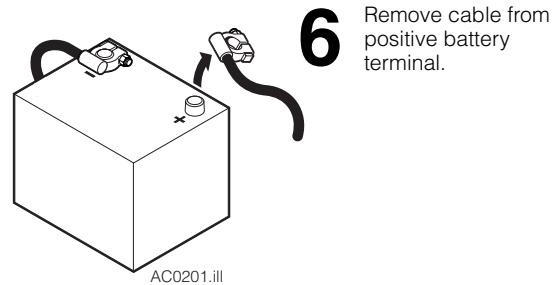
Call: 1-800-227-2233 Fax: 1-888-329-8207
 Internet: www.cascorp.com
 Write: Cascade Corporation, PO Box 20187, Portland, OR 97294

To Order Parts . . .

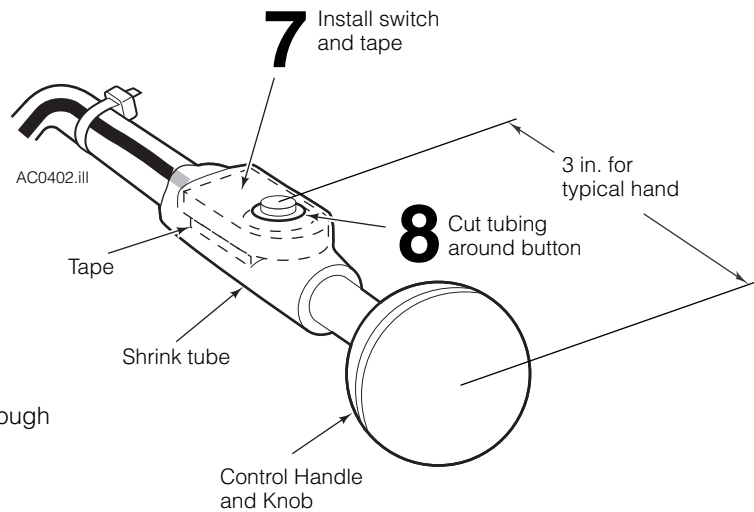
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 Internet: www.cascorp.com
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6 Disconnect the cable from the positive battery terminal.

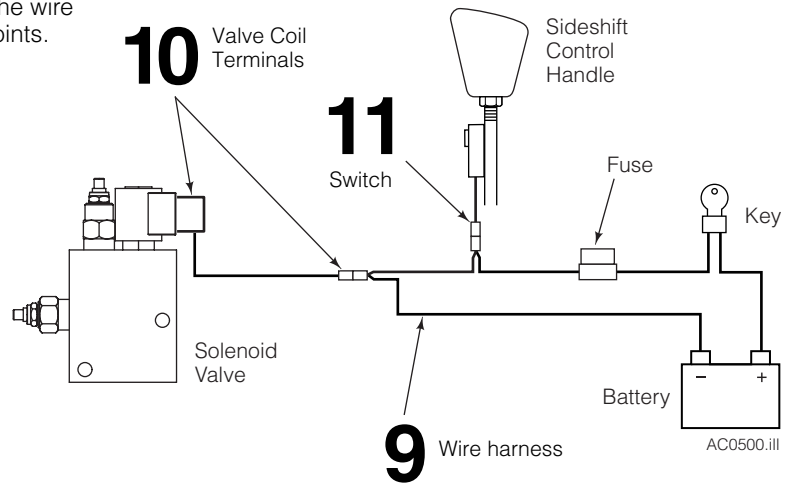


7 Install the switch to the control handle. Remove the control knob. Position the switch on the handle in a location for comfortable thumb or index finger operation. Place the heat shrink tubing over the handle and switch. Using a heat gun, heat the tubing to secure the switch to the handle. Reinstall the knob. Install cable ties as needed for the wires.



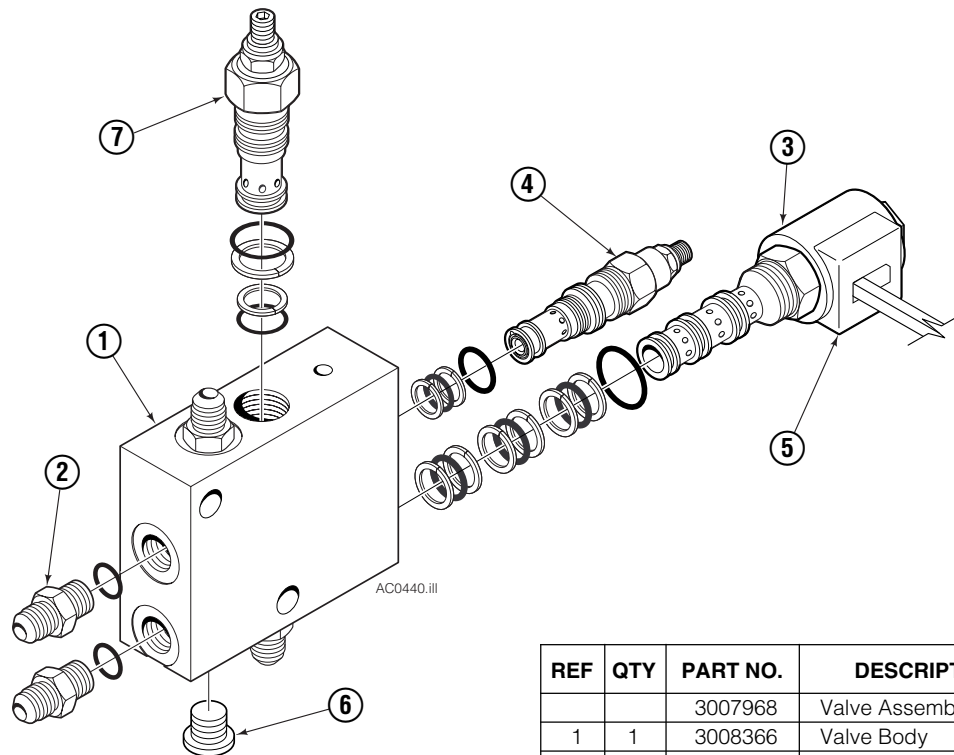
8 If it is difficult to feel or operate the switch button through the heat shrink tube, carefully cut a circle out of the tubing around the button.

- 9 Connect the fused wire harness to a keyed power source. Watch for pinch and wear points. Install cable ties as needed.
- 10 Connect the coil wire harness to the valve coil terminals and fused wire harness.
- 11 Connect the control handle switch connector to the wire harness connector. Watch for pinch and wear points. Install cable ties as needed.



- 12 Connect the battery cable to the positive battery terminal.

Valve Assembly



REF	QTY	PART NO.	DESCRIPTION
		3007968	Valve Assembly
1	1	3008366	Valve Body
2	4	617915	Fitting, 4
3	1	220627	Valve Solenoid
4	1	222747	Relief Cartridge
5	1	220632	Coil - 12 volt
6	1	609234	Fitting, 4
7	1	222870	Needle Valve

Do you have questions you need answered right now? Call your nearest Cascade Service Department. Visit us online at www.cascorp.com

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