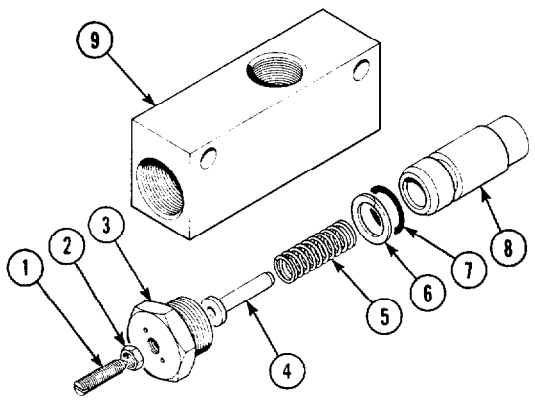
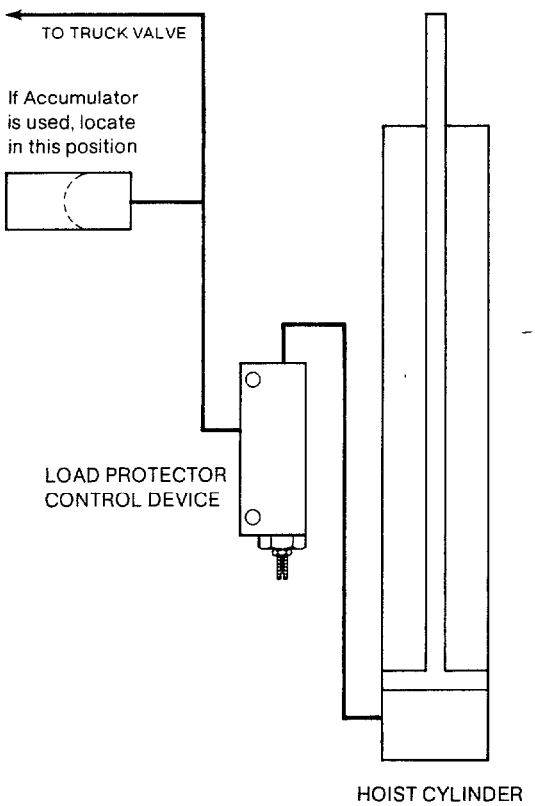
VALVE ASSEMBLY – 641055 – For Use With Standard Fork Trucks
VALVE ASSEMBLY – 627977 – For Use With Lift Truck Attachments



	Ref. No.	Qty.	Part No.	Description
	1	1	627978	Setscrew
	2	1	5715	Jam Nut
	3	1	627979	Plug
	4	1	627980	Keeper
	5	1	627981	Spring-Gold (For 627977)
	5	1	641056	Spring-Blue (For 641055)
	6	1	615114	Backup Ring
	7	1	2710	O-Ring
	8	1	664830	Plunger Assembly
	9	1	627983	Valve Body
For Installation of #8 Hose Use		2	611290	Tube Fitting Male Conn.
For Installation of #10 Hose Use		2	611292	Tube Fitting Male Conn.
For Installation of #12 Hose Use		2	611293	Tube Fitting Male Conn.

Installation of Load Protector Control Device



Note
Make sure you have the specific valve for your requirements.

Installation
Must be installed in hoist line between the hoist cylinder base and the truck hoist control valve. When accumulator is used, install device between accumulator and hoist cylinder.

Mounting
Mount on any convenient area of the truck such as the front or back of the cowl.

Important: To prevent rain or dirt from entering the breather holes, device should be mounted so that the end with the adjusting screw is pointed toward the ground.

Adjusting
After the attachment or forks have been mounted on truck carriage and the device has been installed in the truck hoist circuit, adjust as follows:
Step 1.
Loosen jam nut on adjusting screw and turn screw to the left. Back it out until it is only finger tight.
Step 2.
Raise truck carriage off floor approximately one foot, then lower to original position. Turn adjusting screw clockwise approximately ⅛ of an inch.
Step 3.
Repeat procedure in Step 2 until any further adjustment would reduce the lowering speed of the hoist cylinder. *This will be the maximum setting.*
Step 4.
Tighten jam nut.

To Check Operation of Device
After maximum setting has been obtained:
Step 1.
Raise truck carriage off floor high enough so that blocks or dunnage may be placed under carriage or attachment frame. This prevents downward movement of the truck carriage and frame to its normal lowered position.
Step 2.
Keep truck hoist control valve in lowered position for fifteen seconds after carriage or attachment frame has been brought to rest on blocks or dunnage.
Step 3.
The LOAD PROTECTION CONTROL DEVICE is functioning properly if the hoist chains are tight when the carriage or attachment frame rests on the blocks or dunnage and with the lift truck hoist control valve in the lowered position.

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