1. Before remounting the control valve, make sure that the truck body props on the hoist and the blocks under the hoist frame are in place to hold the empty truck box safely.

2. Before remounting the control valve on the reservoir, be sure that the valve gasket area is free of foreign matter.

3. Lay a new valve gasket on the valve mounting area and reconnect the pressure hose from the pump to the bottom of the control valve and tighten. Lower the control valve back down on the valve mounting surface and using four (4) new 5/16" (7.9 mm) hex head cap screws and four (4) new aluminum washers, mount the control valve to the reservoir to the reservoir and torque the bolts evenly. Reinstall the valve control lever.

4. Reconnect the control cable per cable connection instructions (pages 15-18) and reinstall the valve lever guard.

5. Reconnect the hose from the base of the cylinder (lifting hose) to port "B" on the control valve and the remaining hose to port "A" on the control valve.

**DANGER:** Operate the control valve from the cab only to check the controls and lift bed to remove blocks. Do not under any circumstances get under the hoist to move the box.

**CONTROL VALVE INSTALLATION**

(4-BOLT VALVE)

Pressures at Port "B" & Port "A" will be the same as the pump pressure setting.
#7 VALVE INSTALLATION/REPLACEMENT INSTRUCTIONS

DANGER

Read and understand these instructions before attempting removal, replacement, maintenance or repair of the hydraulic control valve.

DANGER

Failure to follow these instructions could result in SERIOUS INJURY OR DEATH.

CONTROL VALVE INSTALLATION

(4-BOLT VALVE)

1. Before remounting the control valve, make sure that the truck body props on the hoist and the blocks under the hoist frame are in place to hold the empty truck box safely.
2. Before remounting the control valve on the reservoir, be sure that the valve gasket area is free of foreign matter.
3. Lay a new valve gasket on the valve mounting area and reconnect the pressure hose from the pump to the bottom of the control valve and tighten. Lower the control valve back down on the valve mounting surface and using four (4) new 5/16" (7.9 mm) hex head cap screws and four (4) new aluminum washers, mount the control valve to the reservoir to the reservoir and torque the bolts evenly. Reinstall the valve control lever.
4. Reconnect the control cable per cable connection instructions (pages 15-18) and reinstall the valve lever guard.
5. Reconnect the hose from the base of the cylinder (lifting hose) to port "B" on the control valve and the remaining hose to port "A" on the control valve.

DANGER: Operate the control valve from the cab only to check the controls and lift bed to remove blocks. Do not under any circumstances get under the hoist to move the box.

PORT "A" (PLUGGED)
PORT "B" (LIFTING PORT)

BOTTOM VIEW OF #7 CONTROL VALVE
PORT "B" PRESSURE WILL BE THE SAME AS THE PUMP PRESSURE SETTING
PORT "A" WILL BE PLUGGED AND RELIEVED TO RESERVOIR

PORT "A" RELIEVED TO RESERVOIR
1/8" NPT RETURN PIPE

(OLD STYLE) (NEW STYLE)

3/8" NPT RETURN PIPE OR POWER BEYOND TO NEXT VALVE
3/8" NPT HOSE INLET FROM SYSTEM PUMP

3/8" NPT CYLINDER PORT RETURN PIPE

3/8" NPT (HOSE INLET FROM SYSTEM PUMP)
BLEED HOLE

PORT "A" RELIEVED TO RESERVOIR
1/8" NPT RETURN PIPE

BOTTOM VIEW OF #7R CONTROL VALVE
PORT "B" PRESSURE WILL BE AT THE "R" RELIEF SETTING
PORT "A" IS PLUGGED AND RELIEVED TO THE RESERVOIR

PORT "A" (PLUGGED)
PORT "B" (LIFTING PORT)

3/8" NPT RETURN PIPE OR POWER BEYOND TO NEXT VALVE
3/8" NPT HOSE INLET FROM SYSTEM PUMP

3/8" NPT CYLINDER PORT RETURN PIPE

3/8" NPT (HOSE INLET FROM SYSTEM PUMP)
BLEED HOLE

3/8" NPT CYLINDER PORT RETURN PIPE

R RELIEF VALVE CARTRIDGE
PORT "A" RELIEVED TO RESERVOIR
1/8" NPT RETURN PIPE

(OLD STYLE) (NEW STYLE)

3/8" NPT RETURN PIPE OR POWER BEYOND TO NEXT VALVE
3/8" NPT HOSE INLET FROM SYSTEM PUMP

3/8" NPT CYLINDER PORT RETURN PIPE

R RELIEF VALVE CARTRIDGE
PORT "A" RELIEVED TO RESERVOIR
1/8" NPT RETURN PIPE

(OLD STYLE) (NEW STYLE)
1. Before remounting the control valve, make sure that the truck body props on the hoist and the blocks under the hoist frame are in place to hold the empty truck box safely.

2. Before remounting the control valve on the reservoir, be sure that the valve gasket area is free of foreign matter.

3. Lay a new valve gasket on the valve mounting area and reconnect the pressure hose from the pump to the bottom of the control valve and tighten. Lower the control valve back down on the valve mounting surface and using four (4) new 5/16" (7.9 mm) hex head cap screws and four (4) new aluminum washers, mount the control valve to the reservoir to the reservoir and torque the bolts evenly. Reinstall the valve control lever.

4. Reconnect the control cable per cable connection instructions and reinstall the valve lever guard.

5. Reconnect the hose from the base of the cylinder (lifting hose) to port "B" on the control valve and the remaining hose to port "A" on the control valve.

DANGER: Operate the control valve from the cab only to check the controls and lift bed to remove blocks. Do not under any circumstances get under the hoist to move the box.