

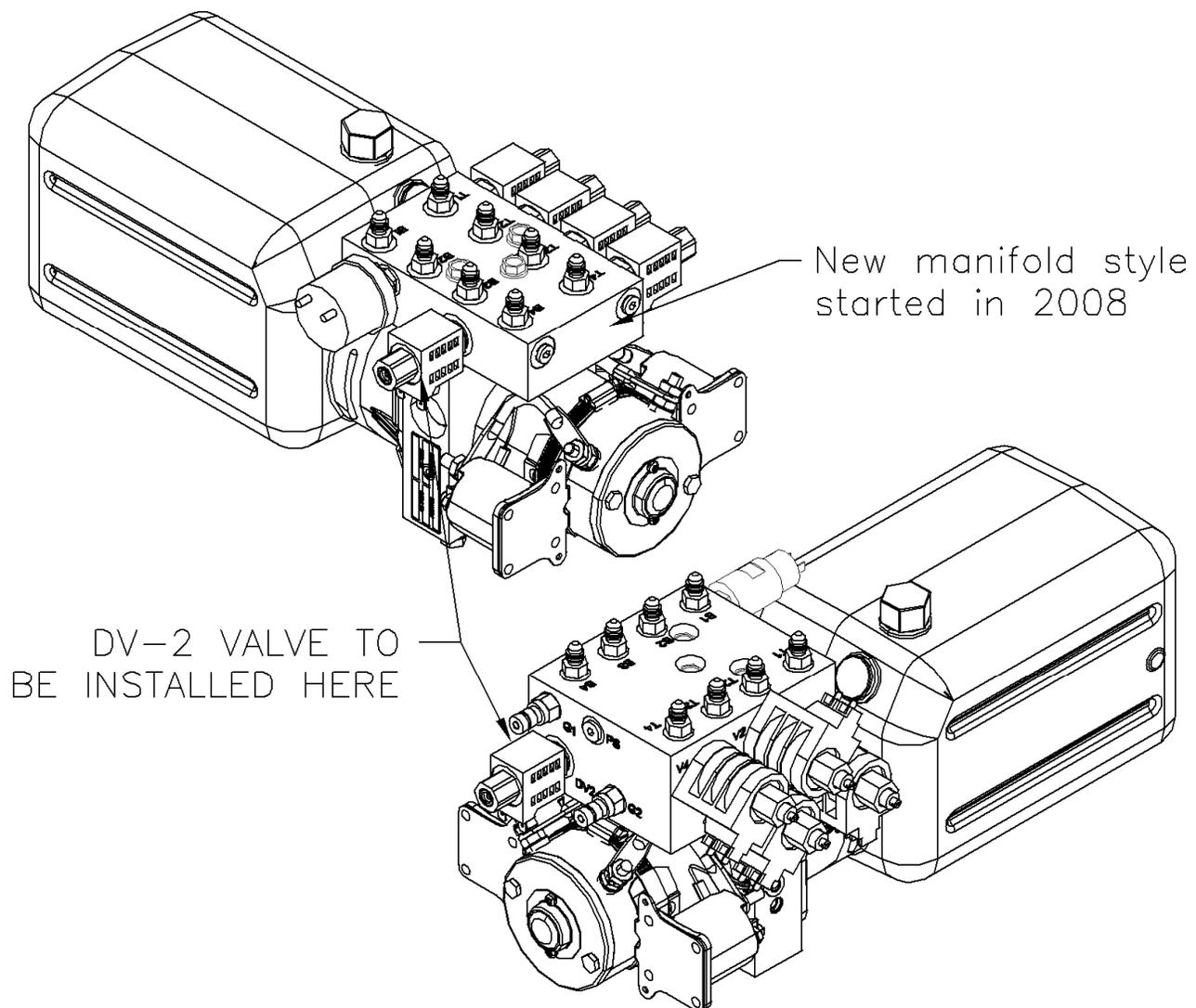
EQUALIZER

SYSTEMS

A DAYS COMPANY

7493 BI-ROT DV-2 KIT INSTALLATION (2032, 2042, & 2390 Pumps)

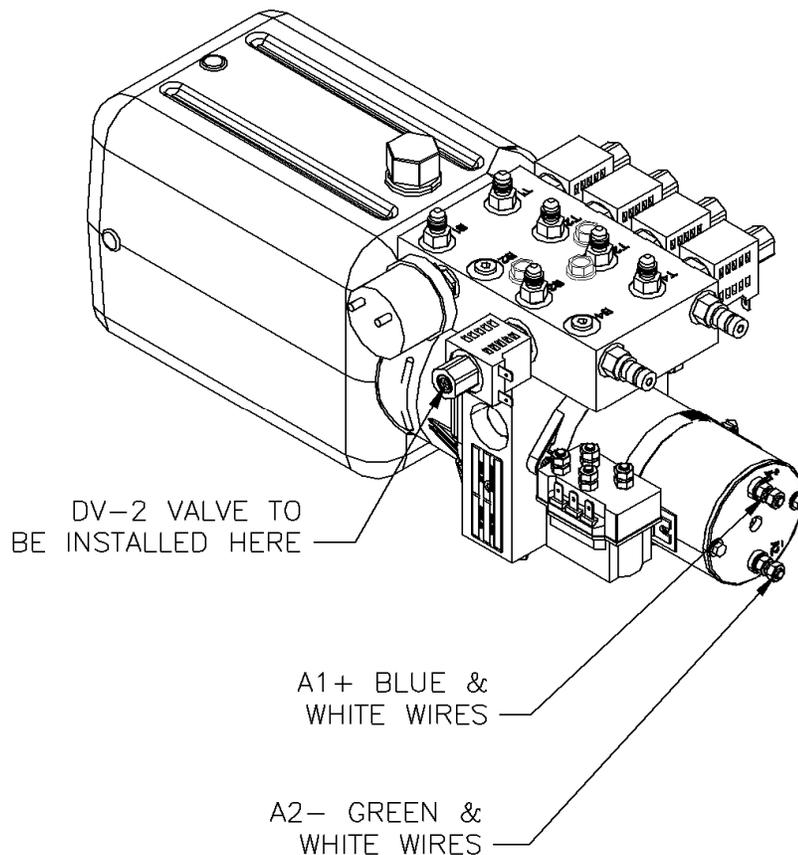
- 1) Extend jacks slightly and then remove the plug from the manifold port labeled DV-2
- 2) Install new valve provided in the kit
- 3) Slip coil over valve stem and install retaining nut.
- 4) Attach ground wire (single black wire) from the coil to the common ground stud on the pump assembly.
- 5) Attach blue wire from the coil to the small stud on motor solenoid that currently has a blue wire on it. Both blue wires should remain attached.
- 6) Attach green wire to small stud on motor solenoid that currently has a green wire on it. Both green wires should remain attached.



**SEE PAGE 3 FOR UPDATED MANUAL
OVERRIDE PROCEDURE WITH DV-2 VALVE**

7493 BI-ROT DV-2 KIT INSTALLATION (3043 Pump)

- 1) Extend jacks slightly and then remove the plug from the manifold port labeled DV-2
- 2) Install new valve provided in the kit
- 3) Slip coil over valve stem and install retaining nut.
- 4) Attach ground wire (single black wire) from the coil to the common ground stud on the pump assembly.
- 5) **BEFORE COMPLETING THIS STEP, MAKE SURE THAT YOU HAVE THE 3043 PUMP WITH THE RECTANGULAR SHAPED CONTACTOR ON THE SIDE.** Cut the ring terminals off of the blue and green wires that were included in this kit.
- 6) Install new larger ring terminals (provided in kit) onto the green and blue wires.
- 7) Attach blue wire from the coil to the stud on the end of the motor that currently has a white wire on it and labeled A1+.
- 8) Attach green wire from the coil to the stud on the end of the motor that currently has a white wire on it and labeled A2-.

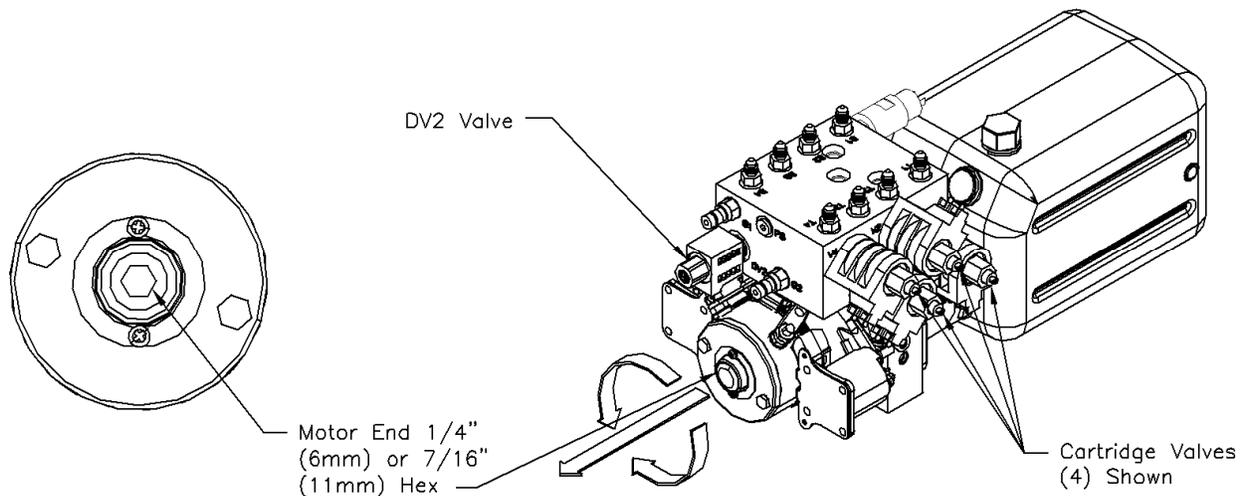


Manual Override Procedure For Bi-Rotational Pump With DV-2 Valve

If electrical power is lost to the leveling or slide-out system, your system has been equipped with a manual override option. The diagrams below are showing the older style manifold and valves. The newer manifold has the DV-2 valve on the side opposite of the other valves.

To manually override (bi-rotational pump assembly):

- 1) The individual cartridge valves are clustered together on the side of the pump manifold. Valves for leveling jacks are labeled 1 thru 4. See the hose connection section in the Operations Manual to identify the valves for slide-out functions. Locate the screws on the appropriate cartridge valve(s). Using a small flat blade screwdriver or a 1/8" Allen wrench (depending on which valve you have), turn the screw(s) clockwise until all the way in and lightly seated (approx 2.5 turns). An individual slide-out room or leveling jack can be manually overridden by only opening the valve associated with that function.
- 2) Access the manual override coupler: Remove the black plastic cap from the end of the motor (use a small flat head screwdriver). Place a drill (2000 rpm minimum) equipped with a 1/4" Allen Drive Socket or 7/16" (11mm) Hex Socket on the manual override coupler. Care must be taken to ensure the drill and socket does not contact any wires or hoses.
- 3) Open the DV2 valve with an Allen screw in the end. Using a 1/8" Allen wrench turn the screw (clockwise) till seated.



- 4) To **retract** your jack(s) run the drill in the **counter-clockwise** direction.
- 5) To **extend** your jack(s), run the drill in the **clockwise** direction.
- 6) When manual override is complete, return the cartridge valve(s) and DV2 to the normal positions. Reinstall black plastic cap on motor.

***** **Caution** *****

Following manual override operation, return all valves to normal operational position. Failure to do so may result in drifting from the retracted (stowed) position of slide-outs or leveling jacks. Cartridge valves: Rotate the center screw fully counter-clockwise until lightly seated. DV2: turn counter-clockwise with a 1/8" Allen wrench until fully seated.