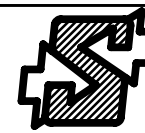


NOTICE - SOURCE FLUID POWER CLAIMS PROPRIETARY RIGHTS ON THE INFORMATION DISCLOSED ON THIS DRAWING. IT IS ISSUED IN CONFIDENCE FOR ENGINEERING INFORMATION ONLY AND MAY NOT BE REPRODUCED OR USED TO MANUFACTURE ANYTHING HEREON WITHOUT DIRECT WRITTEN PERMISSION FROM SOURCE FLUID POWER TO THE USER.



SOURCE FLUID POWER

331 Lake Hazeltine Drive
Chaska, MN 55318
952-368-3866 (Fax) 952-448-3392

Manual Over-ride: SFP Motorized Relief Valves
Part Numbers: P 10 ** ** and PP 10 ** **

NOTE: Valve adjusts through full range in 1 3/4 turns.
Manual adjustment through full range may NOT be possible.

Procedure:

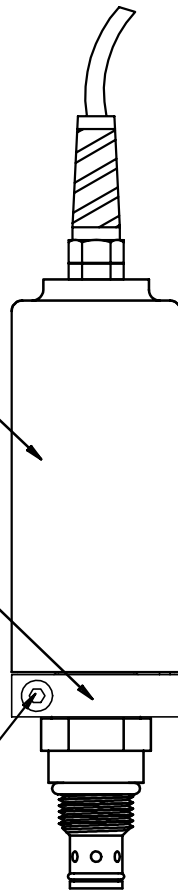
1. Witness mark lock collar and manifold so that valve can be rotated back to starting position.
2. Loosen SHCS on lock collar using 3/16 " hex wrench.
3. Grab the motor can with your hand and turn the can clockwise to increase the relief setting or counter-clockwise to reduce the pressure setting. DO NOT MANUALLY ADJUST VALVE TO LOWER THAN 50 PSI. Some pressure is required to keep internal parts "seated" in the proper positions. Depending on the position of the internal motor adjustment screw the highest rated pressure setting may not be obtained by manually adjusting the valve. It is also possible, depending on the position of the internal adjusting screw that slightly over the rated pressure of the relief may be obtained on manual adjustment. Manual adjustment should not be done without carefully monitoring system pressure.
4. Tighten lock collar to hold position.
5. If further adjustments are necessary repeat steps 1 through 3 as required.
6. Retime valve by rotating back to witness marks before returning to 12 VDC operation.

**** Never turn more than a total of 1 3/4 turns counter clockwise ****
as motor assembly may separate from hydraulic cartridge causing leaks or potential injury.

Grip & Turn
Motor Housing
for Manual
Over-ride.

Lock Collar

Loosen SHCS for
Manual Over-ride
(3/16 hex wrench)
Warning: Valve
must be re-timed
before returning
to 12 VDC
operation.



TITLE	25200MtrTiming.prt	12/05/03	Part Numbers Affected
Motorized Pressure Control: Manual Over-ride and Timing			P10** ** / PP10** **