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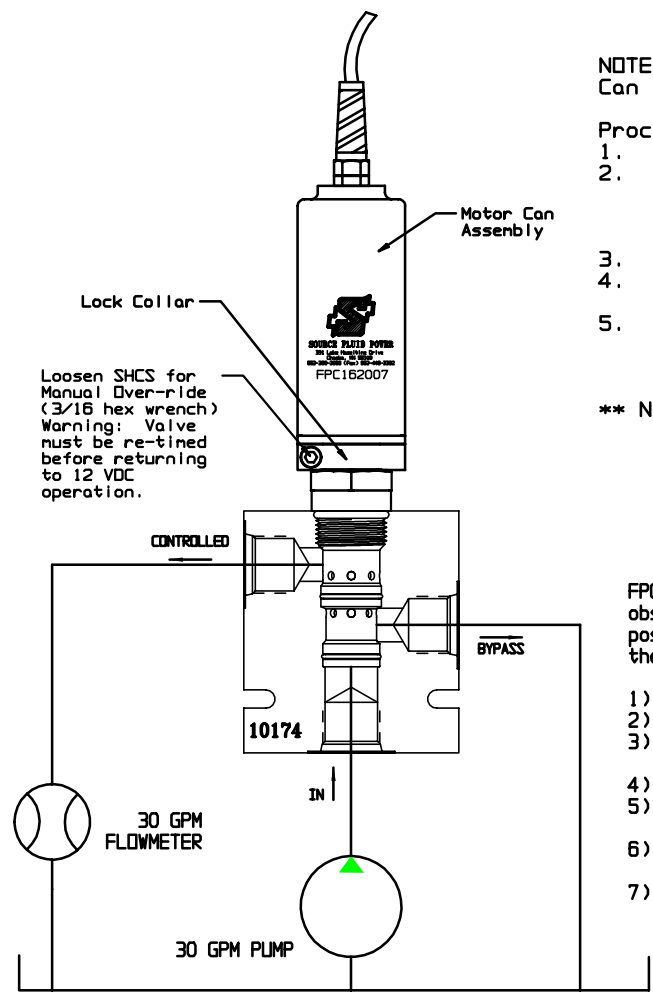
**SOURCE FLUID POWER**  
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Manual Over-ride: SFP Motorized Flow Control Valves  
 P/N: F 10 \*\* \*\*, F 16 \*\* \*\* & FPC 16 \*\* \*\*

NOTE: Valve adjusts through full range in 90° rotation.  
 Can be adjusted under load, see caution.

- Procedure:
1. Loosen SHCS on lock collar using 3/16 " hex wrench.
  2. Grab the motor can with your hand and turn the can clockwise to the desired flow setting. If the desired flow setting can not be reached then turn the can counter clockwise to flow setting.
  3. Tighten lock collar to hold position.
  4. If further adjustments are necessary repeat steps 1 through 3 as required.
  5. Retine valve after manual adjustment before returning to 12 VDC operation. See separate instructions.

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

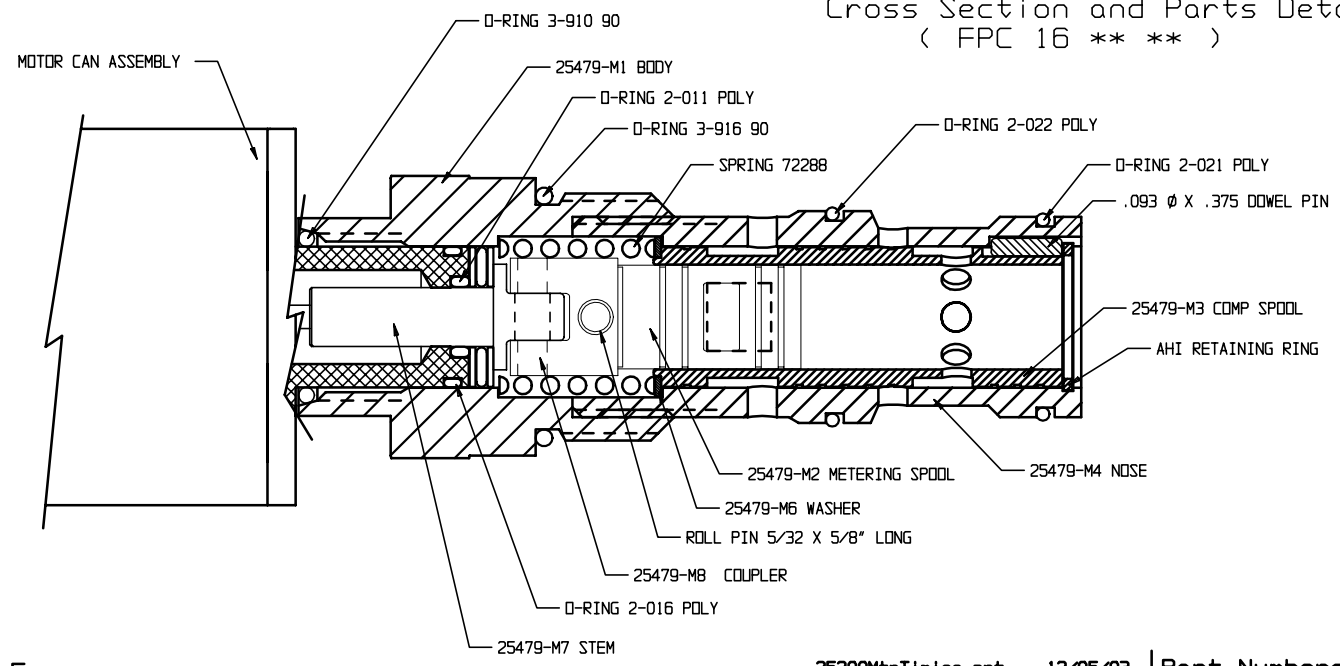


FPC 16 \*\* \*\* Timing Procedure

FPC 16 \*\* \*\* Tining Procedure: Note the FPC valve must be tined by observing the flow through the valve during operation. If that is not possible or safe while field installed then remove the cartridge from the manifold and install in a line body with a generic 16-3 cavity.

- 1) Install FPC in a line body with a generic 16-3 cavity like P/N SFP10174.
- 2) Plumb the line body as shown in the drawing at right.
- 3) Using + 12 VDC on the white lead and ground on the black lead drive the motor to the full closed position (when motor stops).
- 4) Loosen SHCS on lock collar, see drawing.
- 5) Grip motor can and turn clockwise until it is hand tight in the hydraulic cartridge.
- 6) Start pump and using your hand turn the motor can counter - clockwise until the minimum flow reading is obtained on the flow meter.
- 7) Lock down the SHCS on the lock collar, tining is complete. Replace the valve in the work manifold.

Cross Section and Parts Detail  
 ( FPC 16 \*\* \*\* )



TITLE	Part Numbers Affected
3 Port Motorized Flow Control: Manual Over-ride, Valve Tining and parts breakdown	FPC 16 ** **