

# INSTRUCTIONS

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**916-68001**  
Power Steering  
Flow Valve Kit

## Power Steering Flow Valve Kit

### Kit Includes:

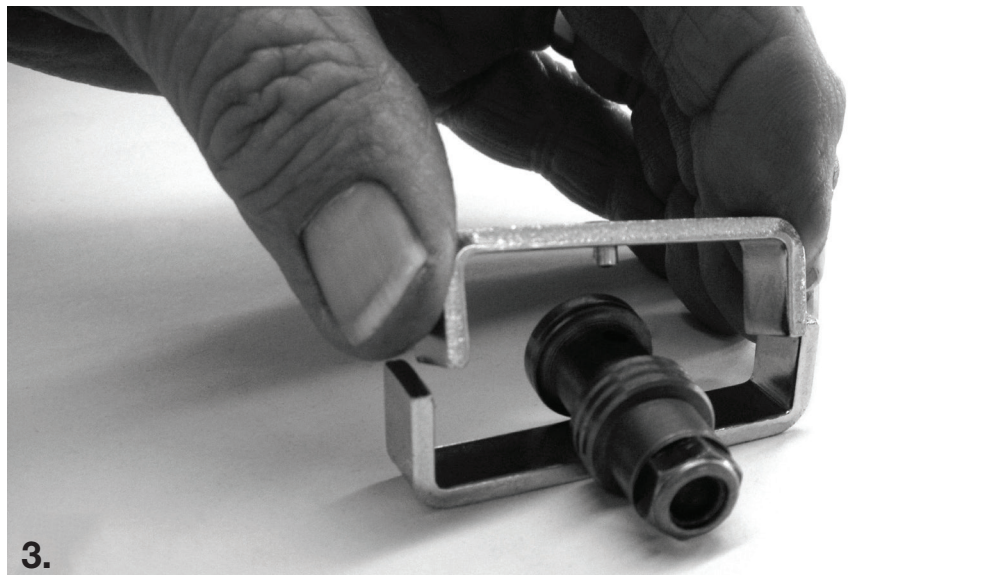
- 6 - Shims
- 1 - O-ring
- 1 - Flow valve tool
- 1 - Instruction sheet with pressure chart



1. Remove the high pressure hose fitting from the pump.

2. Remove the flow valve from the pump.

3. Place the flow valve tool on the flow valve as shown in the photo. This will prevent any damage from occurring to the valve's machined surfaces when clamped in the vise. The pins inserted in the holes will prevent it from turning when you are loosening the bolt.



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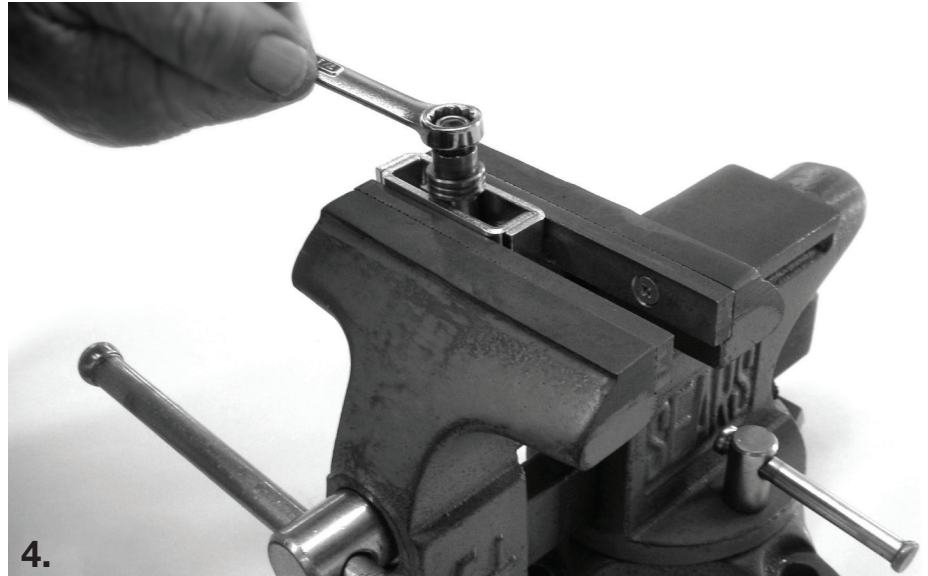


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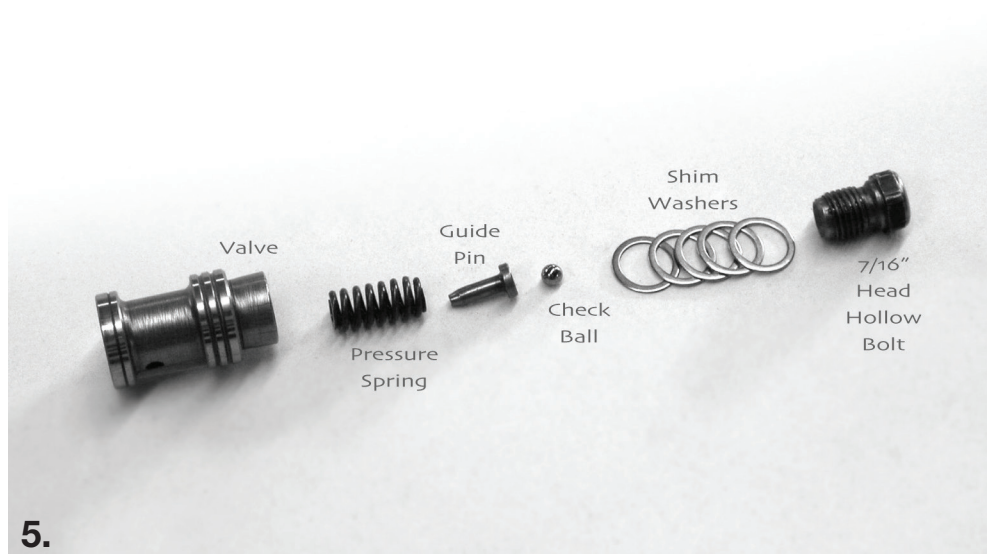
4. Place the valve in the vise as shown and loosen the 7/16" headed hollow bolt. Remove the valve from the vise and remove the bolt. BEING CAREFUL NOT TO DROP ANY OF THE INTERNAL PARTS.



5. Remove any old shims that may be present and replace with the shims furnished in this kit. See the chart below to determine the approximate number of shims needed. Re-install the bolt, with shims in place, and attach the flow valve tool and place valve back in the vise and tighten the bolt.

6. Check the layout photo to make sure the parts are in the proper order, then install in the pump and tighten up. Hook up the pump hoses. Install the pump and do a road test.

- If it feels good, you are done.
- If it feels too soft, remove the valve and add another shim. Re-install and test again.
- If it feels too hard, remove the valve and remove one shim. Re-install and test again.

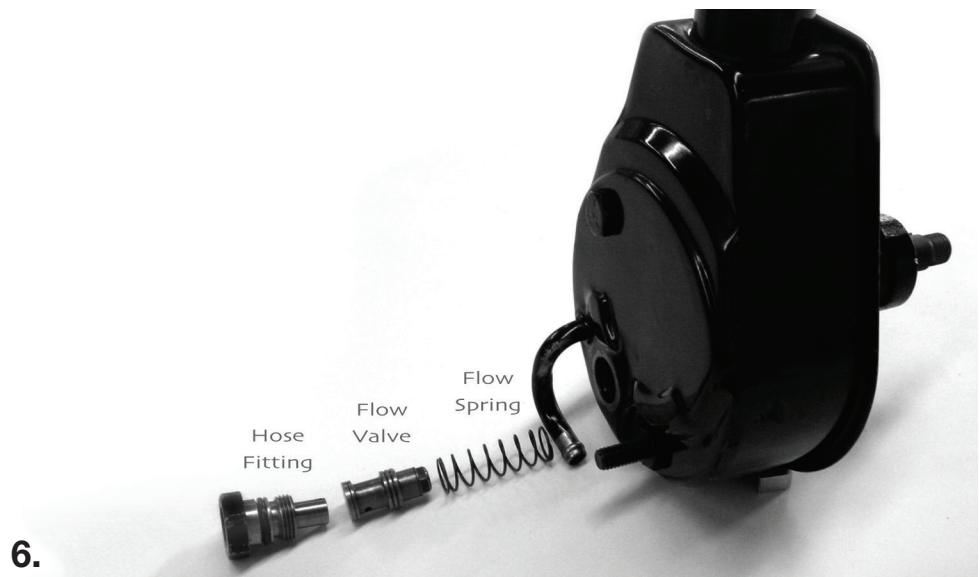


### Pressure Chart:

*Note: Due to a number of reasons, use the following chart as a guide only. The pressures indicated are the result of testing we have conducted. Road testing on a trial and error basis is really the only way to dial in the pump for our application.*

Most set-ups work best at the 1000 P.S.I. rate, so we suggest using 3 or 4 shims to start testing with, and adjust as needed.

# of Shims	Pressure
0	1375 P.S.I.
1	1270 P.S.I.
2	1240 P.S.I.
3	1000 P.S.I.
4	970 P.S.I.
5	700 P.S.I.



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