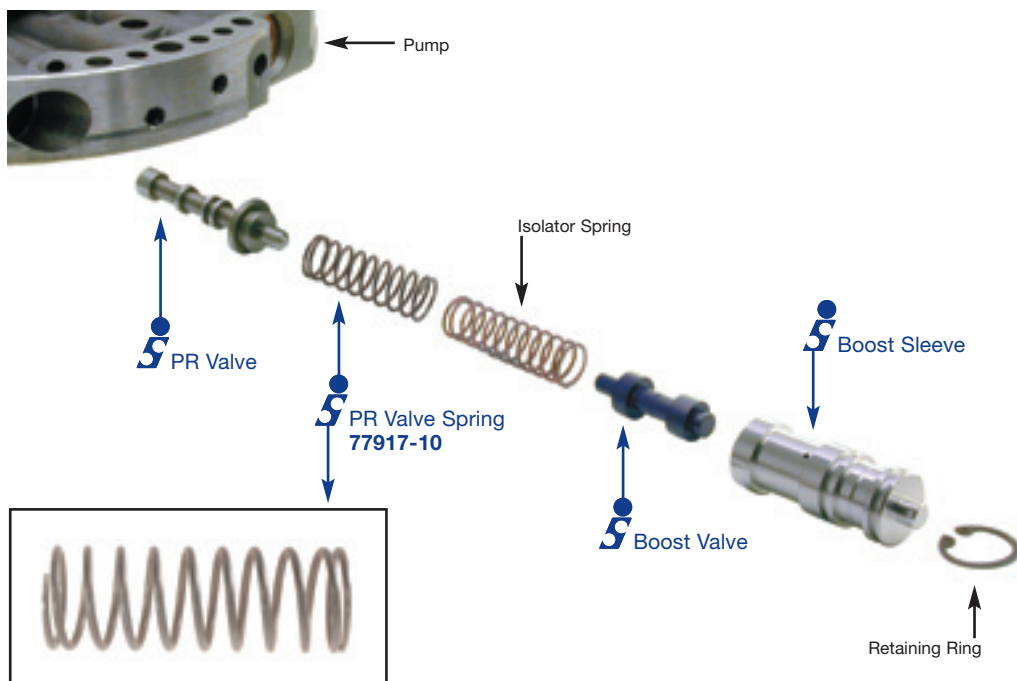


#### Part No.

**77917-10**

*Pressure Regulator Valve Spring*



#### INSTALLATION INSTRUCTIONS

1. Remove the reverse boost sleeve retaining ring, boost sleeve, boost valve, isolator spring and OEM pressure regulator valve spring. Discard the regulator spring.
2. Carefully clean the boost sleeve, boost valve and isolator spring. Do not scratch or mar the surfaces of the boost valve and sleeve.
3. Inspect the boost sleeve bore in the pump housing. If necessary, carefully clean the bore to remove any foreign particles or dirt. Do not scratch or mar the bore surface.
4. Install the new Sonnax **77917-10** pressure regulator valve spring and the OEM isolator spring. Make sure both springs are fully seated on the shoulders of the pressure regulator valve. Assembly lube can be used to ensure that the springs are held in place properly. Improper installation will cause excessively high line pressure.
5. Apply assembly lube to the boost valve and insert it into the boost sleeve. Make sure the valve is oriented properly in the sleeve (see photo above).
6. Lubricate the boost valve/sleeve assembly and insert it into the boost sleeve bore in the pump housing. Push the assembly into the housing just far enough to allow the retaining ring to be installed.
7. Install the sleeve retaining ring.