

GM 4L60-E, 4L65-E, 4L70-E

Pressure Regulator Valve Spring

Part No.

77917-10

Also Available

Oversized PR Valve 77917-07

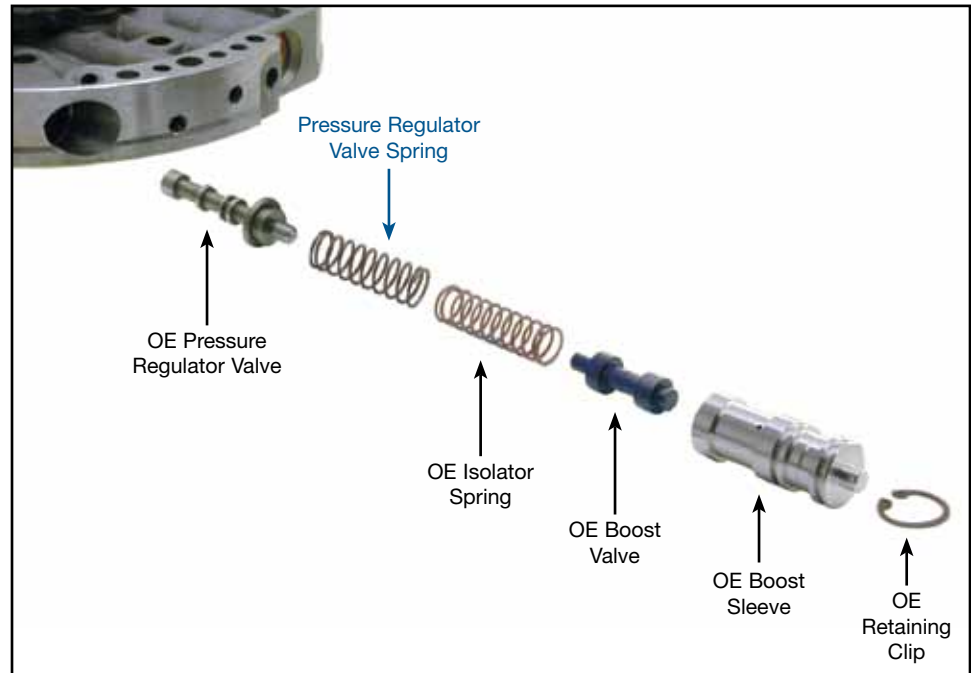
Reverse Boost Valve & Sleeve Kits

77898E-K O-Ring Style (Oversized
.490" EPC spool diameter)

77898E-3K Factory Style (Oversized
.490" EPC spool diameter)

77898E-4K O-Ring Style (Oversized
.470" EPC spool diameter)

77898E-6K Factory Style (Oversized
.470" EPC spool diameter)



1. Disassembly

- a. Remove the OE reverse boost sleeve retaining clip, boost sleeve, boost valve, isolator spring and pressure regulator valve spring.
- b. Discard the OE regulator spring and save all other parts for reuse.

2. Installation & Assembly

- a. 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 Sonnax regulator valve spring and the OE 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 as shown 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. Reinstall the retaining ring.