

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

High Performance Pressure Regulator Spring

Part No.

77917-10

Also Available

**Oversized
Pressure Regulator Valve
77917-07**

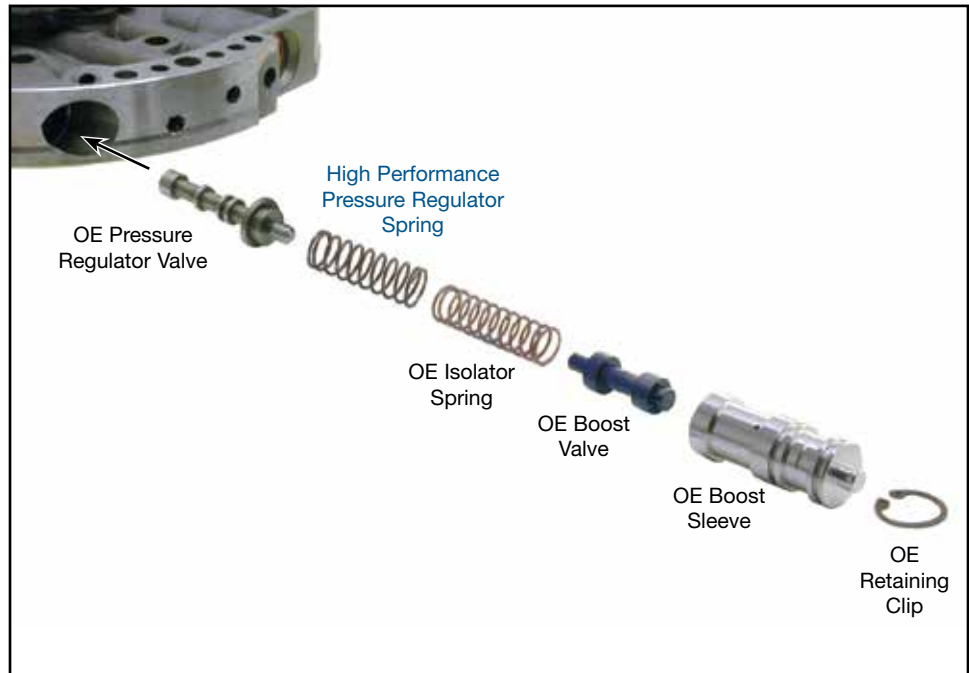
Boost Valve Kits

77898E-K Early, .490" dia., O-ring style

77898E-3K Early, .490" dia., factory style

77898E-4K Early, .470" dia., O-ring style

77898E-6K Early, .470" dia., factory style



1. Disassembly

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

2. Installation & Assembly

- Clean the boost sleeve, boost valve and isolator spring, careful to not scratch or mar the surfaces.
- 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.
- Install the Sonnax high performance pressure regulator 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.
- 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.
- 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.
- Reinstall the retaining ring.