

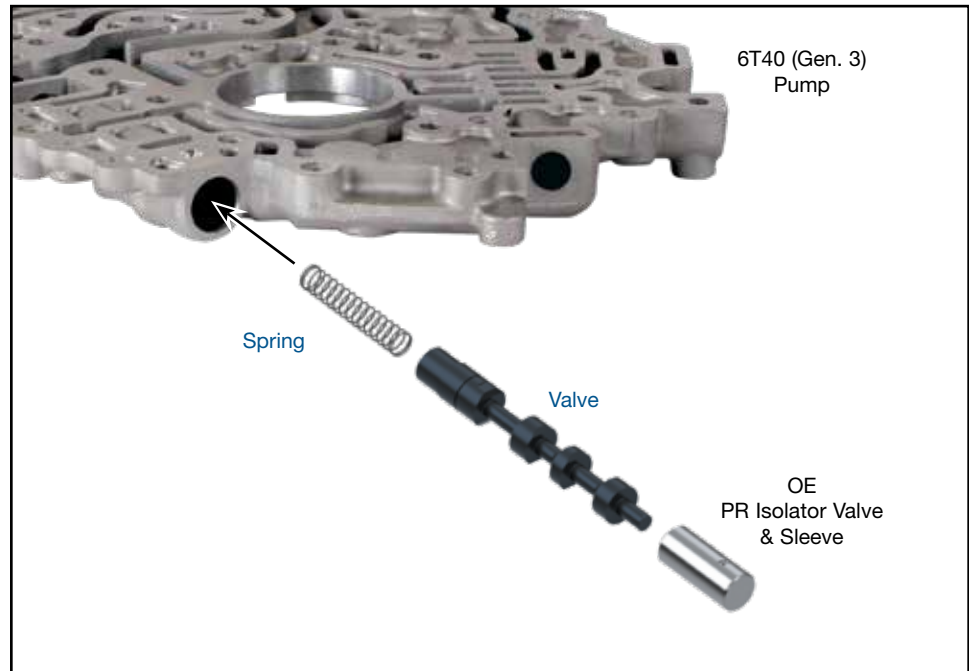
Pressure Regulator Valve Kit

Part No.

144510-17K

- Valve
- Spring

GM 6T31/35/41/46/51 (Gen. 3 6T40)



1. Disassembly

- Remove OE retainer pin and keep for reuse.
- Remove OE pressure regulator isolator valve and sleeve set and save for reuse.
- Remove OE pressure regulator valve and OE spring, discard both.

2. Installation & Assembly

- Clean the bore thoroughly.
- Install Sonnax pressure regulator spring followed by Sonnax pressure regulator valve. Ensure the spring is seated in the spring pocket of the valve.
- Stroke Sonnax valve completely to bottom of the bore to ensure the spring pocket spool rides smoothly in the inboard casting bore. If stickiness is detected, a small piece of emory paper on a drill can be used to remove debris and small bits of material for proper valve fit.
- Reinstall OE pressure regulator isolator valve and sleeve.
- Reinstall OE retainer pin.

3. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 18 in-Hg.

