

GM 6T30/40/45/50 (Gen. 1 & 2), 6T31/35/41/46/51 (Gen. 3 6T40)

TCC Regulator Valve Kit

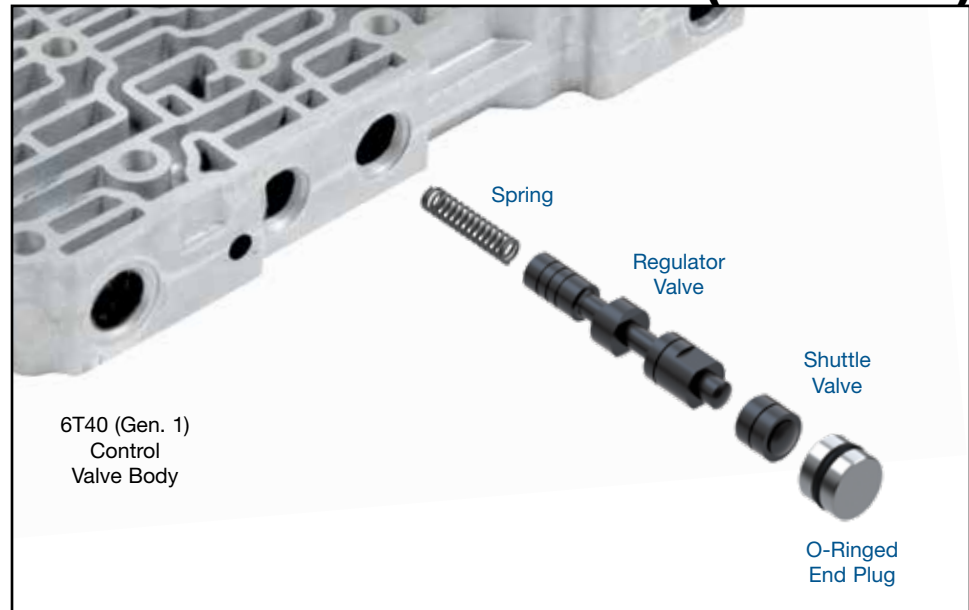
Part No.

144740-38K

- Regulator Valve
- Shuttle Valve
- Spring
- End Plug .511" O.D.
- O-Rings (2) .070" Thick, 1 Extra
- End Plug .600" O.D.
- O-Rings (2) .103" Thick, 1 Extra



NOTE: End plugs and O-rings are selective in this kit. Read instructions for fitment details.



1. Disassembly

- a. Remove OE retainer and save for reuse.
- b. Remove OE end plug and measure outside diameter. Record value for installation & assembly.
- c. Remove remaining valve train and discard OE end plug, shuttle valve, TCC regulator valve and spring.

2. Installation & Assembly

- a. Insert Sonnax spring into small spring pocket on Sonnax TCC regulator valve.
- b. Insert TCC regulator valve into bore, spring end first.
- c. Insert Sonnax shuttle valve into bore with blind bore facing inboard and slipping over outboard stem of Sonnax TCC regulator valve.
- d. There are 2 different sized Sonnax end plugs provided in this kit. Use OE end plug measurement recorded from step 1b and match correct Sonnax end plug and O-ring.
- e. Place selected Sonnax O-ring into Sonnax end plug groove. Lubricate with Sonnax Slippery Stick **O-LUBE** and roll on bench to size.
- f. Insert Sonnax O-ringed end plug into bore and install OE retainer.

3. Final Testing

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

