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TRANSMISSION PARTS

Instructions

GM 6T30, 6T40 (Gen. 1), 6T40 (Gen. 2), 6T45 (Gen. 1), 6T45 (Gen. 2), 6T50 (Gen. 1), 6T50 (Gen. 2)

Oversized TCC Regulator Valve Kit

TOOL REQUIRED

Part No.
144740-16K

- Regulator Valve
- Shuttle Valve
- Spring
- End Plug
- O-Ring

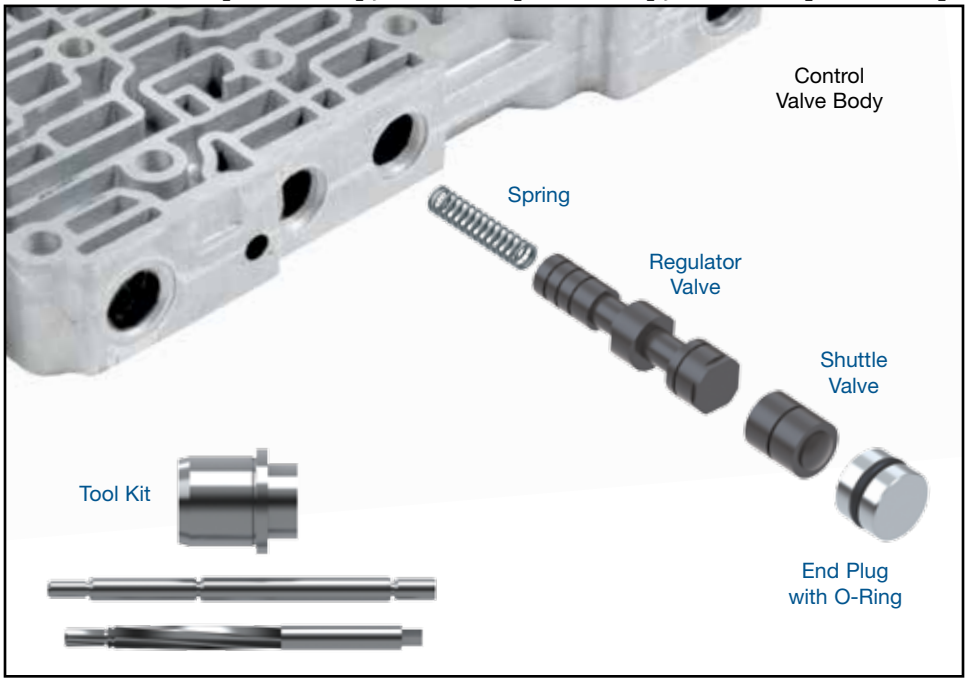
Tool Kit

VALVE BODY FIXTURE REQUIRED

Part No.
F-144740-TL16

- Reamer
- Reamer Jig
- Guide Pin

NOTE: Sonnax "F-Tool" kits designed to service a specific bore require the VB-FIX, a self-aligning valve body reaming fixture. More information and instructions can be found online at www.sonnax.com.



1. Disassembly

a. Remove OE retainer and save for reuse.

b. Remove and discard OE valve train.

2. Bore Reaming

Ream TCC regulator bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-144740-TL16** and **VB-FIX** are required for this operation.

3. Installation & Assembly

a. Be certain all debris has been removed from valve bore and valve body.

b. Install Sonnax spring.

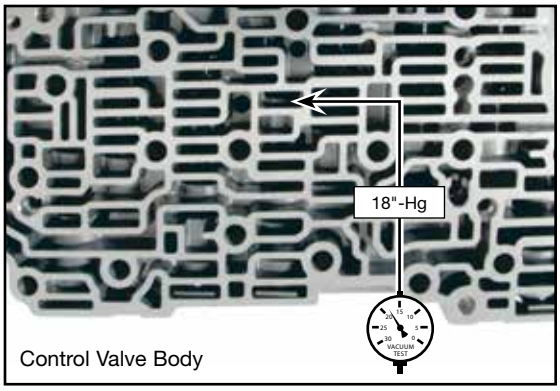
c. Install Sonnax regulator valve, ensuring that the Sonnax spring fits inside the spring pocket (as shown).

d. Install Sonnax shuttle valve and end plug with O-ring.

e. Reinstall OE retainer.

4. Final Testing

A vacuum test at the port indicated holds 18 in-Hg or more.



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