

Oversized TCC Apply Valve Kit



Part No.

84754-50K

- Valve
- O-Ring

NOTE: Always inspect the TCC regulated apply valve for wear. The O-ring in this kit should be used to replace the original end plug O-ring after inspection. Worn valves or bores can be repaired using the Sonnax TCC regulated apply valve & sleeve kit **84754-34K**.

Tool Kit



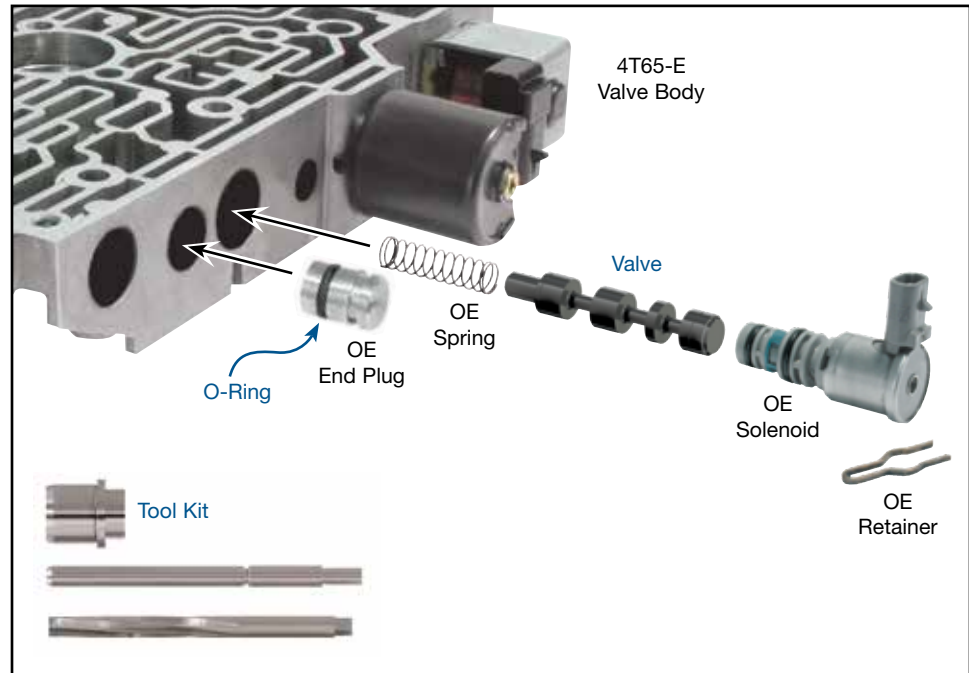
Part No.

F-84754-TL50

- 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.

GM 4T65-E



1. Disassembly

- Remove OE solenoid retainer and solenoid and save for reuse.
- Remove and discard OE TCC apply valve.
- Remove OE spring and save for reuse.
- Remove OE retainer and end plug from TCC regulated apply valve bore and save for reuse.
- Remove OE seal from end plug and discard.

2. Bore Reaming

Ream TCC apply valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-84754-TL50** and **VB-FIX** are required for this operation.

3. Installation & Assembly

- Ensure all debris has been removed from valve bore and body.
- Install OE spring into bore.
- Install Sonnax TCC apply valve into bore, stem first. Ensure stem slides into spring.
- Reinstall OE solenoid and retainer.
- Install Sonnax O-ring into inboard groove of OE TCC regulated apply valve end plug.
- Lubricate end plug and O-ring with Sonnax O-LUBE and roll on bench to size.
- Carefully insert O-ringed end plug into bore, O-ringed end first, and secure with OE retainer.

4. Key Areas to Inspect

- Check the solenoid for clogged filter screens prior to re-installation.
- Lockup on top of 2nd gear or no lockup are common complaints due to a bad TCC/PWM solenoid.
- Converter slip can be related to: PCM calibration, bad EPC force motor, or a worn TCC regulator bore.

5. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 18 in-Hg or visual wear is seen at noted outboard bore.

