

## AFL Valve Kit



Part No.

**84596-02K**

- Sleeve
- Valve
- Regulating Spring
- Sleeve Retention Spring

## Tool Kit



Part No.

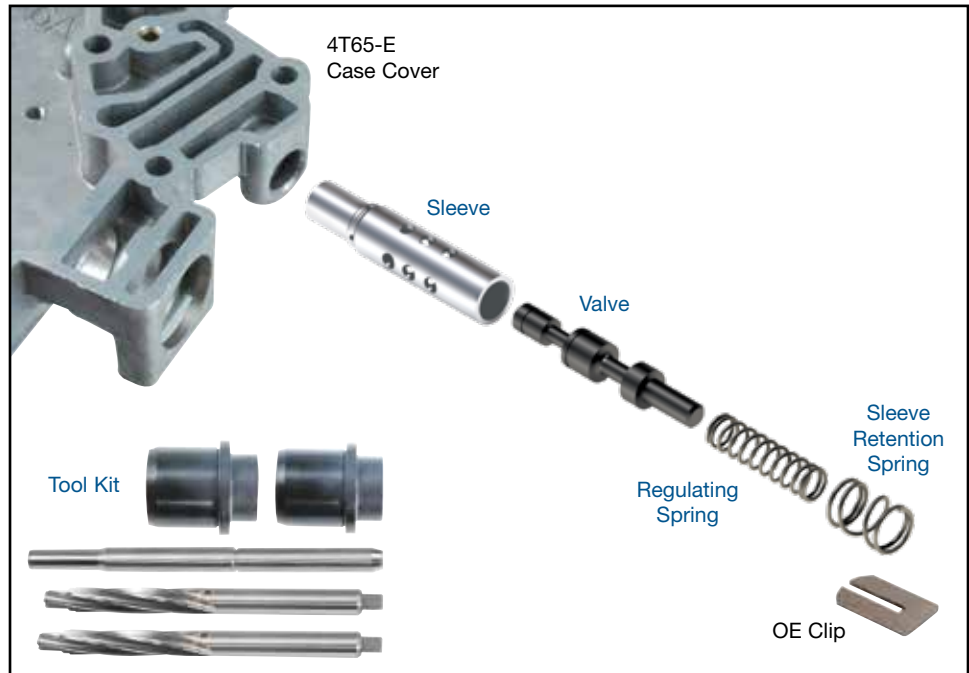
**F-84596-TL**

- Reamers (2)
- Reamer Jigs (2)
- 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](http://www.sonnax.com).



**NOTE:** To eliminate codes 1811 and 741 and TCC-related issues, be sure to also inspect the boost valve assembly, TCC regulated apply valve and TCC apply valve. The PCM must be reset/relearned after any valve body repairs. Aftermarket scanner relearn procedure or battery disconnect for 12 hours may not restore drivability and line pressure control. Performing a dealer reflash or a web reflash is frequently the other method to properly restore control.



## GM 4T65-E

### 1. Disassembly

- Remove OE parts from AFL bore.
- Retain OE clip for reuse and discard other parts.

### 2. Bore Reaming

Ream AFL bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit **F-84596-TL** and **VB-FIX** are required for this operation.

### 3. Installation & Assembly

- Install Sonnax AFL sleeve and valve assembly into the bore.
- Install Sonnax regulating spring over the stem of the valve.
- Install Sonnax sleeve retention spring, seating the end against the face of the sleeve.
- Compress springs with a screwdriver and return the OE clip to the outboard exhaust port.
- Push on the valve at the inboard exhaust port to ensure that it strokes freely and the springs do not coil bind.

### 4. Final Testing

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

