

TCC Control Valve Sleeve



Part No.

33000-03

NOTE: Fits '03-earlier units with .354" dia. OE TCC control valve.

Tool Kit



Part No.

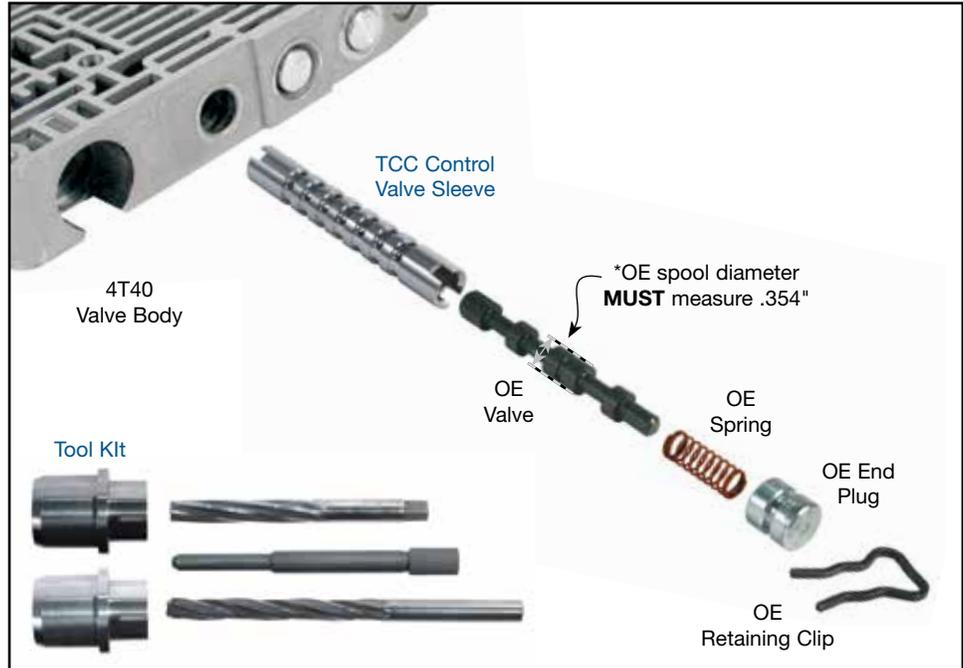
F-33000-TL

- Reamer
- Reamer Jig
- Guide Pin
- Drill Bit
- Drill Jig

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.



This tool kit, required for installation of this part, is no longer in production. Tool kit may still be available for purchase out of distributor stock. Check with your distributor for availability.



1. Disassembly

- Remove OE retaining clip, set aside for reuse.
- Remove and save OE end plug, spring and valve.



NOTE: Measure valve spool diameter to confirm application:

- If OE valve is .354" diameter, continue to step 2.
- If OE valve measures .412" diameter, **STOP**. Sonnax kit cannot be installed.

2. Bore Reaming

Ream TCC control bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-33000-TL** and **VB-FIX** are required for this operation.

- Pre-drill bore using drill bit inserted through drill jig.
- Thoroughly clean bore.
- Install reamer jig into VB-FIX and ream bore.

3. Installation & Assembly

- Ensure all debris is cleaned from valve bore and body.
- Install Sonnax sleeve with OD sleeve chamfer facing inboard (chamfer goes in first).
- Install OE valve and spring into sleeve.
- Reinstall OE end plug and secure with OE retainer.