

Oversized TCC Control Valve Kit

Part No.
144510-05K

- Valve
- Spring



Tool Kit

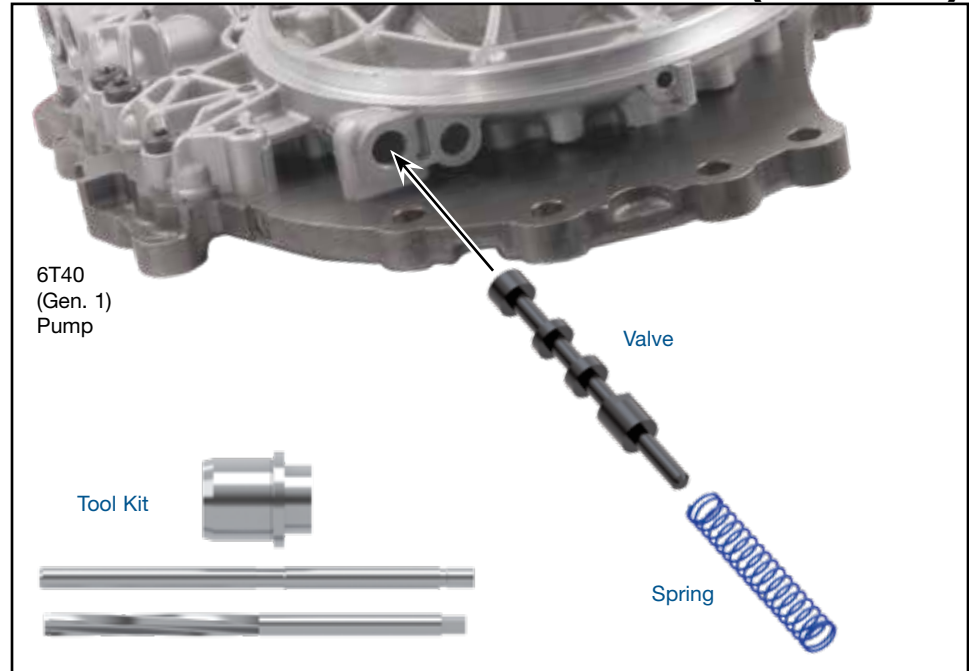
Part No.
F-144510-TL5C

- Reamer Carbide
- 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 6T30/40/45/50 (Gen. 1 & 2)



1. Disassembly

- Remove OE retainer clip and save for reuse.
- Remove OE spring and TCC control valve and discard.

2. Bore Reaming

Ream TCC control valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-144510-TL5C** and **VB-FIX** are required for this operation.



NOTE: Pump body has a raised boss above the machined surface. To clear this boss and establish alignment with the bore, the machined surface must be spaced 1/2" or more from VB-FIX base plate. Pressure plates or a machined spacer stacked under pump body work well for this purpose.

If pressure plates are used, the pump body securing clamp **MUST** be placed directly over the plate stack. Clamping on an unsupported area of the pump body or over the bore to be reamed will cause distortion and result in irreparable damage to pump body.

3. Installation & Assembly

- Ensure all debris has been removed from valve bore and pump body.
- Install Sonnax oversized TCC control valve and spring.
- Reinstall OE retainer clip.

4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 17 and 20 in-Hg.

