

Oversized Converter Feed Limit Valve Kit



Part No.

154740-22K

- Valve
- Spring

Tool Kit



Part No.

F-154740-TL22

- Reamer
- Reamer Jig
- Guide Pin

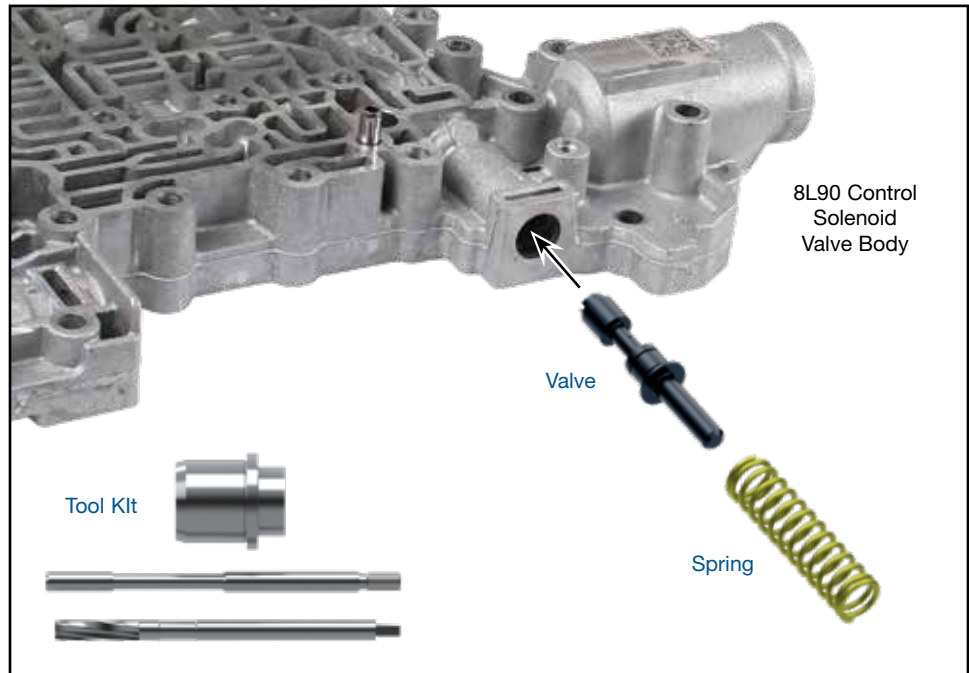
NOTE: Sonnax “F-Tool” kits designed to service a specific bore require the VB-FIX, a self-aligning valve body reaming fixture. More information and instructions can be found online at www.sonnax.com.

Recommended

Converter Feed Limit Valve Vacuum Test Tool 154740-TL22

NOTE: Inboard testing of the OE Bore requires use of this vacuum test tool.

GM 8L45, 8L90



1. Disassembly

- Remove the OE retaining clip and save for reuse.
- Remove and discard the OE spring and valve.

2. Bore Reaming

Ream converter feed limit valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-154740-TL22** and **VB-FIX** are required for this operation.

3. Installation & Assembly

- Be certain all debris has been removed from the valve bore and valve body.
- Install the Sonnax converter feed limit valve into the bore.
- Install the Sonnax converter feed limit spring.
- Reinstall the OE retaining clip.

4. Final Testing

NOTE: See page 2 for vacuum testing information.

4. Vacuum Testing

You need this if... OE bore testing

- a. **Inboard Location:** Install Sonnax converter feed limit valve vacuum test tool 154740-TL22 with vacuum testing tube attached to long end (Figure 3). Vacuum should hold a minimum of 18 in-Hg (Figures 1 & 3).
- b. **Outboard Location:** Insert either the OE valve *or* Sonnax converter feed limit valve vacuum test tool 154740-TL22 centered in the port (Figure 2). Vacuum at indicated port should hold a minimum of 15 in-Hg (Figures 1, 2 & 3).

Final testing

- c. **Outboard Location:** Insert Sonnax oversized converter feed limit valve into the reamed bore centered in the port (Figure 2). Vacuum at the indicated port should hold a minimum of 15 in-Hg (Figure 1 & 2).

