

Oversized 4-3 Sequence Valve Kit

Part No.
77964-14K



- 3-4 Relay Valve
- 4-3 Sequence Valve
- Spring
- End Plug
- O-Rings (2) 1 Extra

NOTE: For use with OE valve/bore only. See chart for details.

Tool Kit

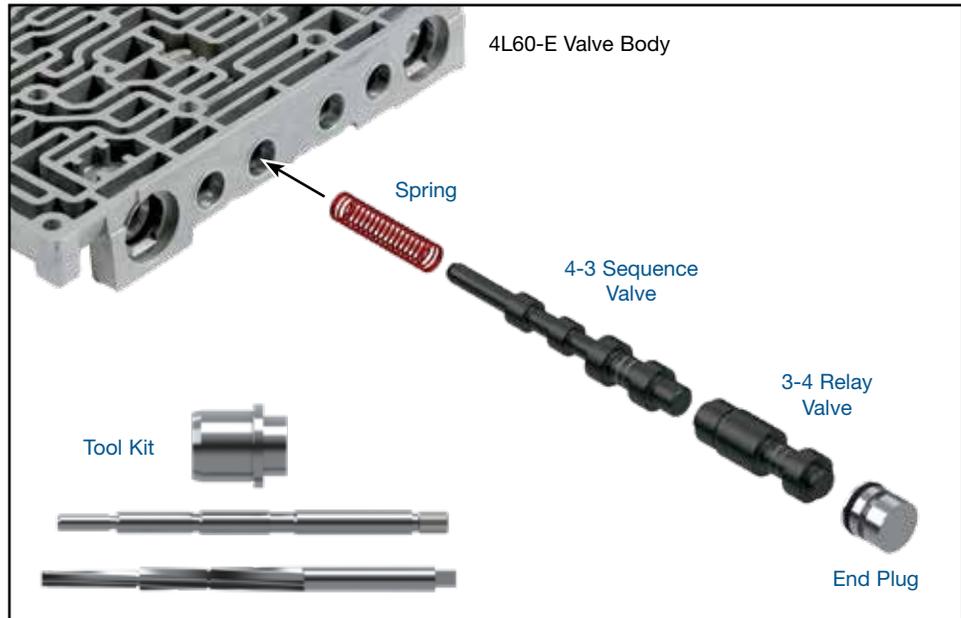
Part No.
F-77964-TL14



- 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 4L60-E, 4L65-E, 4L70-E



Part No.	Identification Photos	Grooves
OE		1
77964-04K		0
77964-14K		2

NOTE: Sonnax **77964-14K** can only be used to replace OE steel valves in bore that has not been previously reamed for **77964-04K**. See chart above for ID information.

1. Disassembly

- Remove OE retaining clip and save for reuse.
- Remove OE end plug, 3-4 relay valve, 4-3 sequence valve and spring. Discard all.

2. Bore Reaming

Ream the 3-4 relay and 4-3 sequence valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-77964-TL14** 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 Sonnax spring, then oversized 4-3 sequence valve, followed by oversized 3-4 relay valve.
- Install one O-ring on the Sonnax end plug and roll on a bench to size.
- Lubricate O-ring, and install the end plug with O-ring facing inward.
- Reinstall OE retaining clip.

4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 16 in-Hg.

