

COMPLAINT

SECONDARY COMPLAINTS

Soft shift and low accumulator pressure

- Elevated line pressure in drive • Poor line rise in reverse

CAUSE

Wear of the accumulator control bore and valve spool causes low accumulator pressure that results in soft shifts.

CORRECTION

Ream the valve bore and install the Sonnax oversized valve, matched spring and oversized end plug.

Oversized Accumulator Control Valve Kit

34994-22K

- Oversized Valve
- Spring
- Oversized End Plug



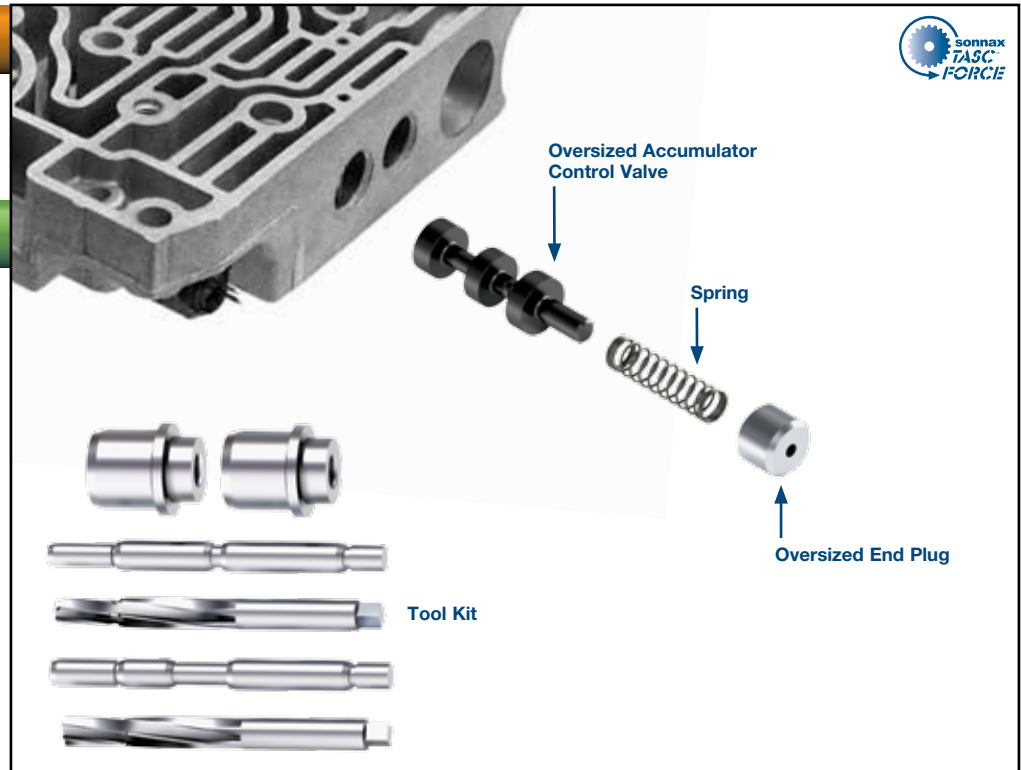
Tool Kit

F-34994-TL22

- Reamer Jigs (2)
- Guide Pins (2)
- Reamers (2)



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 are available at www.sonnax.com.



The 4L80-E accumulator control valve controls shift firmness by managing accumulator back pressure. Wear at the valve or bore can lead to multiple symptoms, the most common being reduced line pressure in reverse, elevated line pressure in drive, and soft or harsh upshifts depending on location and magnitude of wear.

When valve/bore wear allows cross-leakage of torque signal/boost oil to exhaust to the sump, line pressure drops causing soft shifts. Alternatively, when bore wear allows drive oil to enter the torque signal passage, line pressure increases and shift feel hardens.

Features & Benefits

- Upgrade '91-'96 4L80-E accumulator control valve to '97-later calibration
- Restore OE accumulator control valve response in '97-later units

You need this if...

A vacuum test fails to yield the indicated 14 or 18 in-hg or greater, depending on the port tested as shown, or if visual wear is detected.

