

COMPLAINT

SECONDARY COMPLAINT

Harsh, bumpy or flare 2-3 shifts

- Slipping gears

CAUSE

Wear at the overlap valve bore prevents proper exhaust of the disengaging clutch pressure, altering the precise timing required in the clutch-to-clutch shift transition.

CORRECTION

The improved Sonnax overlap valve kit restores hydraulic sealing integrity and valve timing when installed in a refurbished bore.

2-3 Overlap Valve Kit

68942-27K

- Plunger Valve & Sleeve Assembly
- Overlap Valve
- Spring
- O-Ring

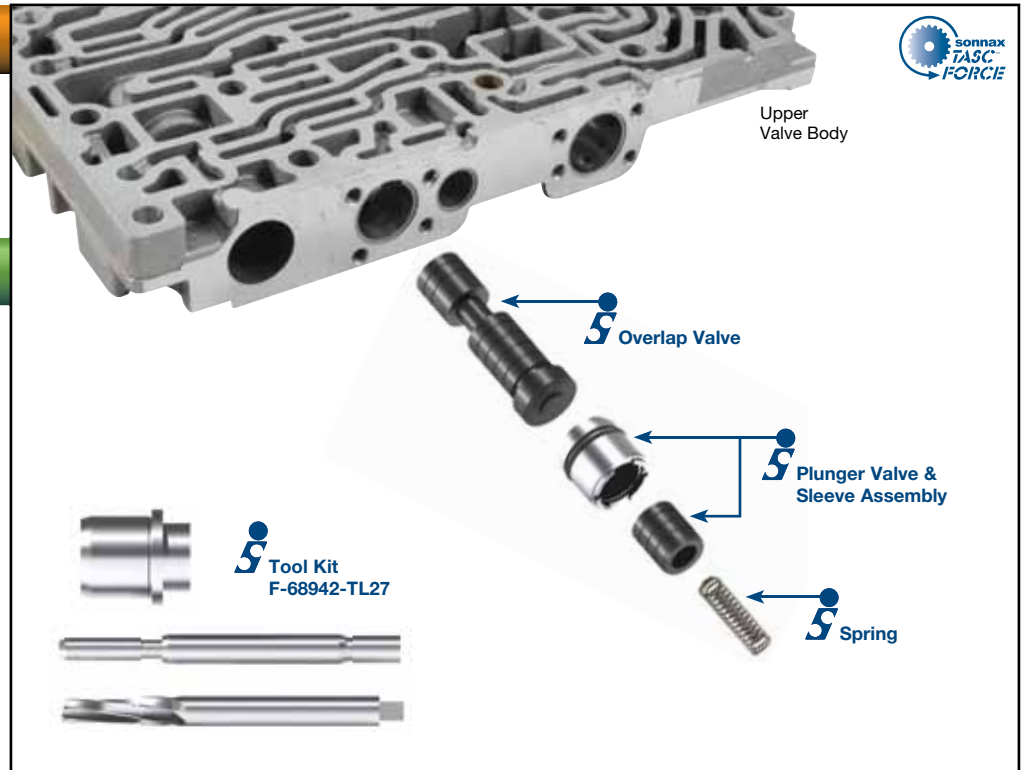


F-68942-TL27

- Reamer
- Reamer Jig
- Guide Pin



NOTE: Sonnax "F-Tool" kits designed to service a specific bore required the VB-FIX, a self-aligning valve body reaming fixture. More information and instructions are available at www.sonnax.com.



The 722.6 transmission uses clutch-to-clutch transition during shifts, so timing is very critical to prevent shift complaints like flares or bind-ups. The overlap valves, controlled by EPC (modulated pressure) and shift valve pressure, are used to gradually reduce the pressure to the disengaging clutch. The replacement spring and valve ratios maintain OEM shift pressures for proper timing and function.

Features & Benefits

- The oversized hard-coat anodized valve has slightly longer critical spool diameters and optimized annular groove placement for better hydraulic sealing and to prevent future bore wear.
- The wear-resistant plunger sleeve has an added O-ring to provide additional positive sealing in the bore.

You need this if...

A vacuum test at either port indicated fails to hold 18" of vacuum or higher, or if visual wear is detected at the inboard overlap valve bores.

