

COMPLAINT

SECONDARY COMPLAINTS

Harsh, bumpy or flare 3-4 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.

3-4 Overlap Valve Kit

68942-31K

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

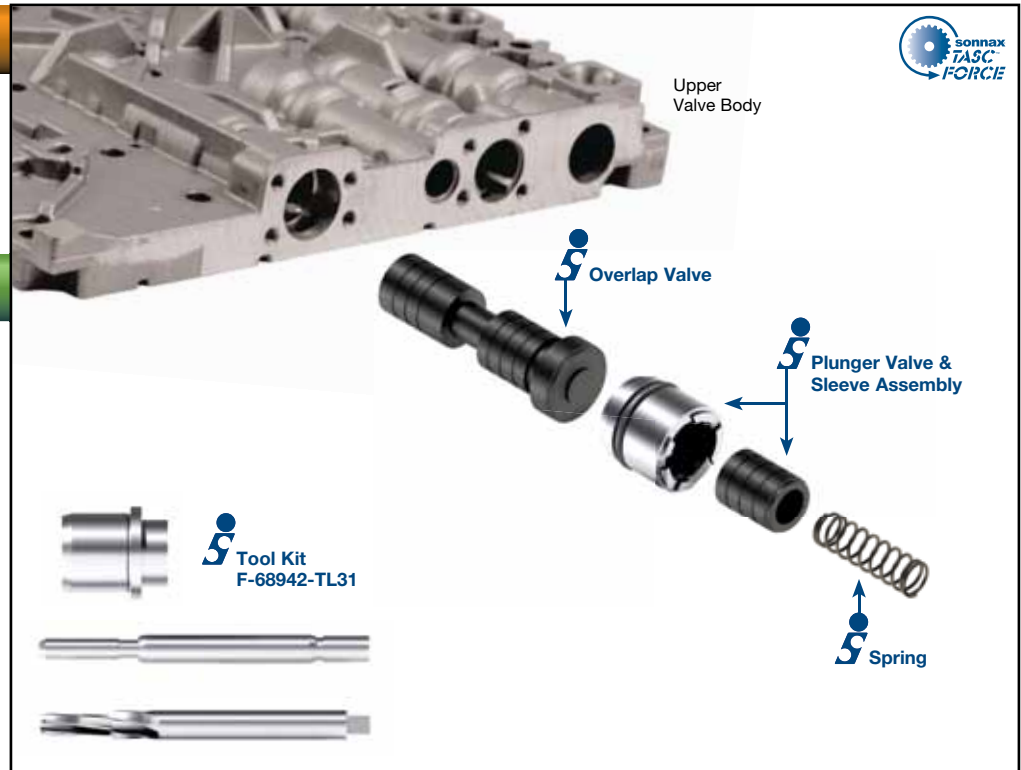


F-68942-TL31

- 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 transitioning 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.

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.
- The replacement spring and valve ratios maintain OEM shift pressures for proper timing and function.

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.

