

## COMPLAINT

SECONDARY COMPLAINTS

## 2<sup>nd</sup> Gear starts, 3<sup>rd</sup> Clutch failure

- 3-4 Shift complaints
- Loss of AFL pressure

## CAUSE

Wear at the shift valve spools and bore lands allows loss of critical hydraulic pressure. Typically wear is most severe at the signal "A" spool/land.

## CORRECTION

Ream the valve bore to restore bore geometry and surface finish. Install the Sonnax oversize valve and matched spring.

### 3-4 Shift Valve Kit

**77754-42K**

- 3-4 Shift valve
- Matched spring



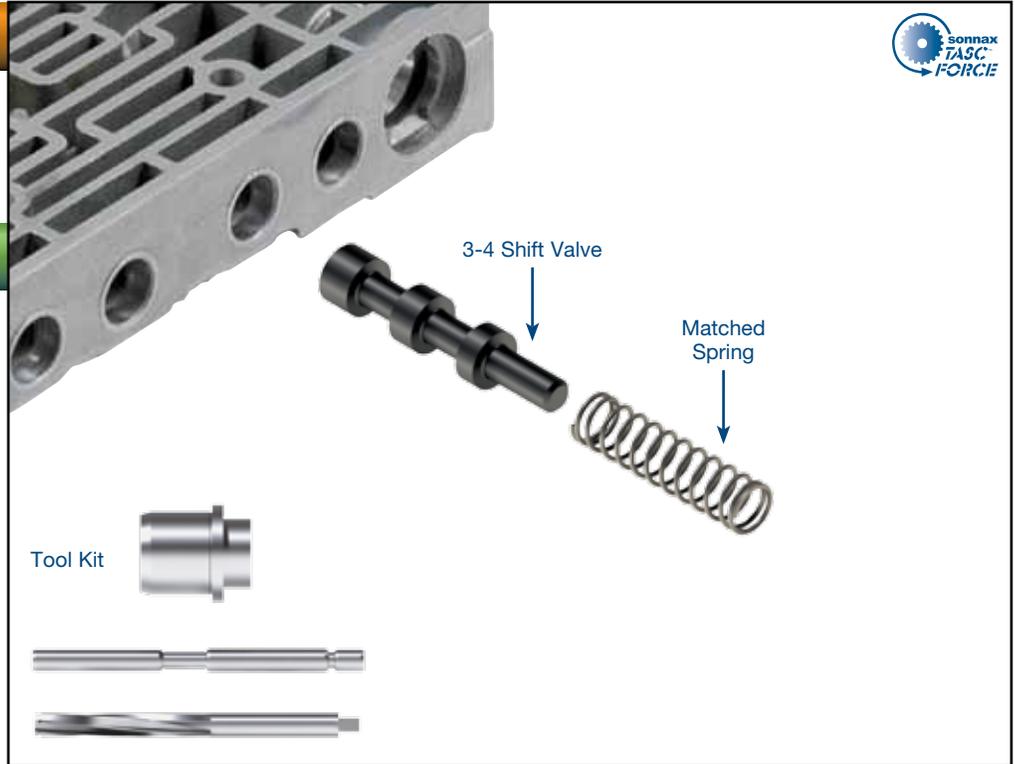
### Tool Kit

**F-77754-TL42**

- Reamer
- Guide Pin
- Reamer Jig



**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](http://www.sonnax.com).



Wear at the shift valve spools and bore lands causes loss of critical hydraulic pressure which, depending on the wear location and severity, can result in shift timing/feel complaints, 2<sup>nd</sup> gear starts, 3<sup>rd</sup> clutch failure, 3-4 shift complaints and loss of AFL pressure.

### Features & Benefits

- Hard-coat anodized aluminum valve resists wear
- New matched spring maintains OE operating pressures and timing

### You need this if...

A wet air test or a vacuum test at indicated valve body locations result in leakage or below recommended in-Hg levels.

