

COMPLAINT

SECONDARY COMPLAINTS

Wrong gear starts, solenoid codes, clutch/band failure

• 2nd gear starts • 3rd - neutral condition • No 4th gear • Codes 68, 85, 86 & 87 • Low solenoid feed

CAUSE

Actuator feed limit bore wear results in low pressure at shift and EPC solenoids.

CORRECTION

Redesigned, anodized AFL valve regulates pressure while the wear-resistant sleeve re-establishes hydraulic integrity.

Actuator Feed Limit Valve Kit

34200-16K

- 1 Valve Sleeve Assembly
- 2 Springs
- 1 Retaining Clip

U.S. Patent No. 6,634,377



77754-TL

- 1 Core Drill (4L80-E only)
- 1 Reamer
- 3 Guides (1 for 4L60-E, 2 for 4L80-E)
- 1 Drill Bit (.051")

Note: This tool kit works for 4L80-E and 4L60-E AFL valve repairs.

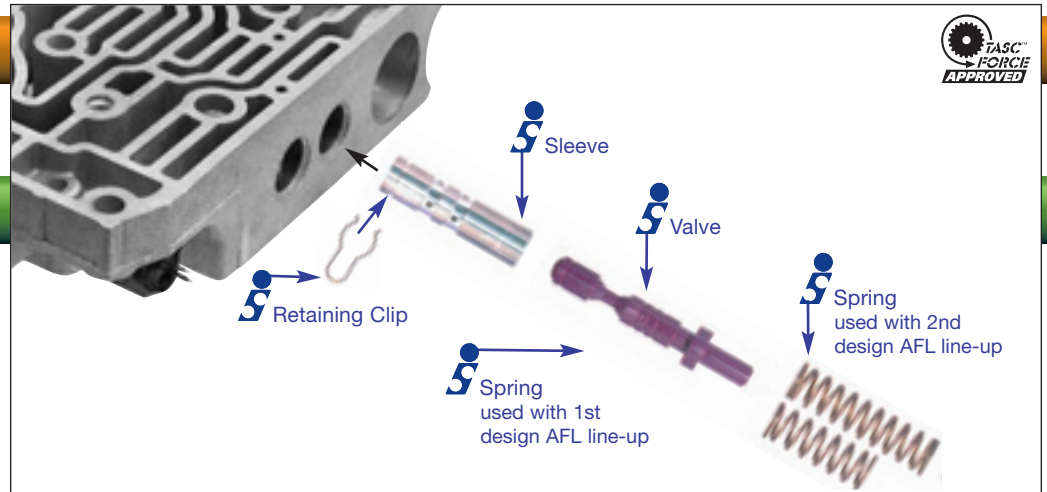
NEW PRODUCT

F-34200-TL16

- 1 Roughing Reamer
- 1 Finishing Reamer
- 1 Guide Pin
- 1 Reamer Guide
- 1 Drill Bit, .051"



Note: This tool kit works for the 4L80-E AFL valve repair ONLY and requires use of valve body reaming fixture **VB-FIX**.



Sonnax Part Summary

The OEM actuator feed limit (AFL) valve has a large reaction area and is greatly affected by side loading, which wears the valve body bore. The EPC solenoid oscillates the torque signal and AFL oil, which increases valve action. As bore wear increases, oil pressure is reduced to the shift solenoids, which causes solenoid and ratio codes. The same AFL oil loss results in lower line pressure.

Features & Benefits

- Kit includes wear-resistant sleeve and anodized valve with annular grooves to prevent side loading.
- Valve operates in full-contact sleeve, providing 54% more support.
- Boosts oil pressure to the shift solenoids.
- Eliminates AFL oil loss, corrects low line pressure.
- Kit can now be installed using bench style reamer kit 77754-TL or F-3400-TL16 tool kit and the valve body fixture **VB-FIX**.