

COMPLAINT

SECONDARY COMPLAINTS

Converter shudder, burned converters

• TCC apply/release problems • Converter slip codes

CAUSE

TCC regulator apply valve wears the aluminum bore, causing loss of converter apply pressure oil.

CORRECTION

The hard-anodized valve with lengthened spool land and annular grooves, combined with the highly wear-resistant aluminum alloy sleeve prevent bore wear, increase stability and durability, and restore proper hydraulic control.

TCC Regulator Valve & Sleeve Kit

34994-18K

- 1 TCC Regulator Valve
- 1 TCC Regulator Valve Sleeve
- 2 Springs
- 1 Retaining Pin



F-34994-TL18

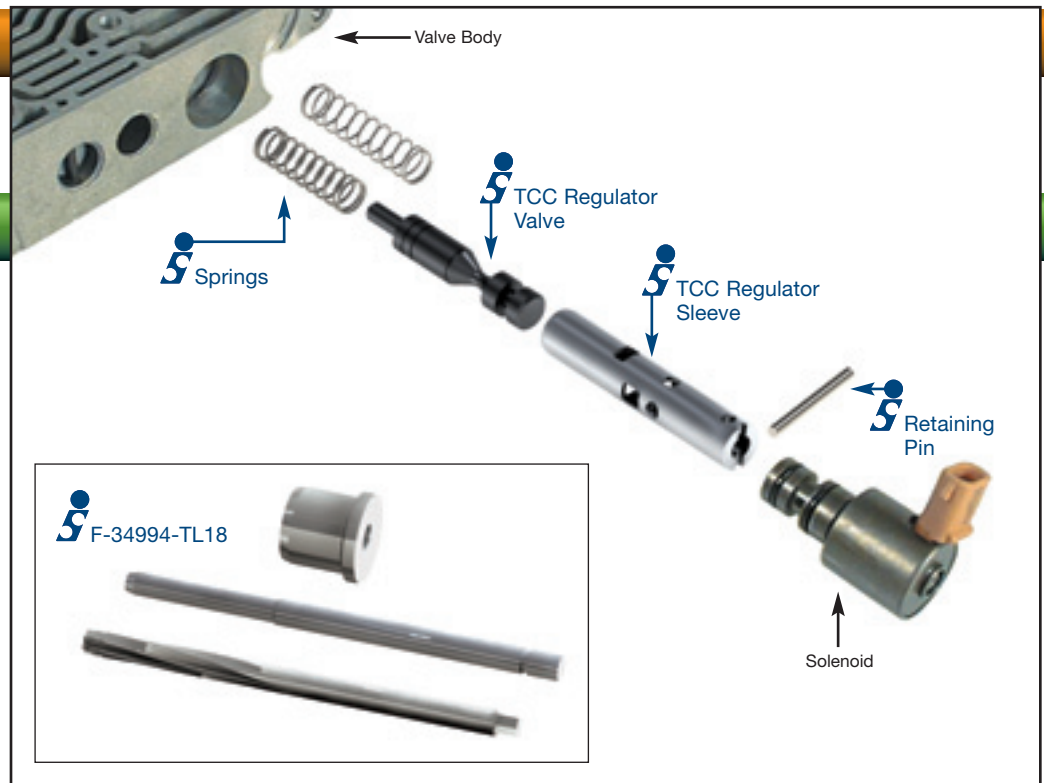
- 1 Reamer
- 1 Reamer Jig
- 1 Guide Pin



Also Available:

34994-01K

- 1 TCC Regulator Valve
- 1 Scarf Cut Seal
- 2 Springs



Sonnax Part Summary

Some vehicles with a 4L80-E transmission may exhibit the following problems: converter shudder, burned converters, no TCC clutch apply, and/or code 68/39 or P1870/P0741. Often these complaints can be caused by the constant oscillation of the steel TCC regulator valve wearing the aluminum bore, resulting in a loss of converter apply oil pressure. Sonnax now offers this valve and sleeve kit **34994-18K** to repair bores that cannot be refurbished with the teflon seal version **34994-01K**.

Features & Benefits

- Hard-anodized aluminum valve and highly wear-resistant aluminum alloy sleeve prevent further wear.
- The valve spool land at the spring end has been lengthened to provide greater bore-to-valve surface contact, thus further preventing leakage.
- The heavier spring provides OEM lockup feel. The lighter-duty spring provides a firmer lock-up, best suited for towing applications.
- The valve spool has annular grooves to help center the valve in the bore.
- The aluminum sleeve provides significantly more support and contact area with the valve to prevent wear and leakage.

You need this if...

Bore wear is extensive in the seal contact area.