

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

This TCC regulator apply valve kit with a hard-anodized aluminum valve with Teflon® seal prevents valve bore-related problems.

TCC Regulator Valve Kit

34994-01K

1 TCC Regulator Valve
1 Scarf Cut Seal
2 Springs

Also Available:

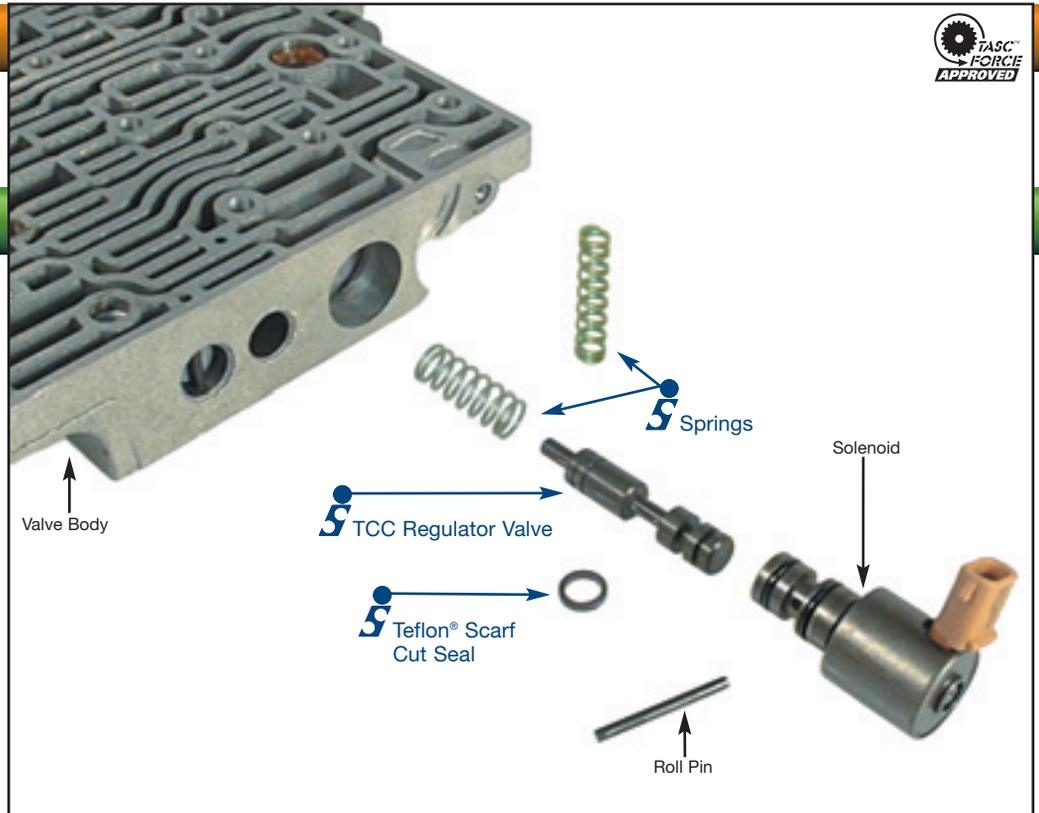
34994-18K

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



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 apply valve wearing the aluminum bore, resulting in a loss of converter apply oil pressure. Sonnax now offers a replacement TCC regulator apply valve kit **34994-01K** that will prevent valve-bore related problems.

Features & Benefits

- Hard-anodized aluminum valve incorporates a Teflon® seal at the main wear area of the bore to prevent oil loss.
- 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.
- A .030" chamfer has been added to allow more line pressure into the TCC regulator apply circuit to prevent converter shudder.