

## COMPLAINT

### SECONDARY COMPLAINTS

Code 39, 740, 1870, overheated converter

• Shudder • Falling out of or no lockup when hot • Reduced cooler flow

## CAUSE

Wear of the TCC apply valve bore allows leakage of TCC signal oil to exhaust and the apply valve to move into the TCC release position.

## CORRECTION

These replacement valves include an expandable Teflon® seal and come with an optional oversized small diameter for restoring extremely worn bores.

### TCC Apply Valve Kit

#### 84754-16K

'96 & earlier oversized

#### 84754-22K

'96 & earlier standard size

#### 84754-97K

'97 & later oversized

#### 84754-98K

'97 & later standard size

Each kit includes the following:

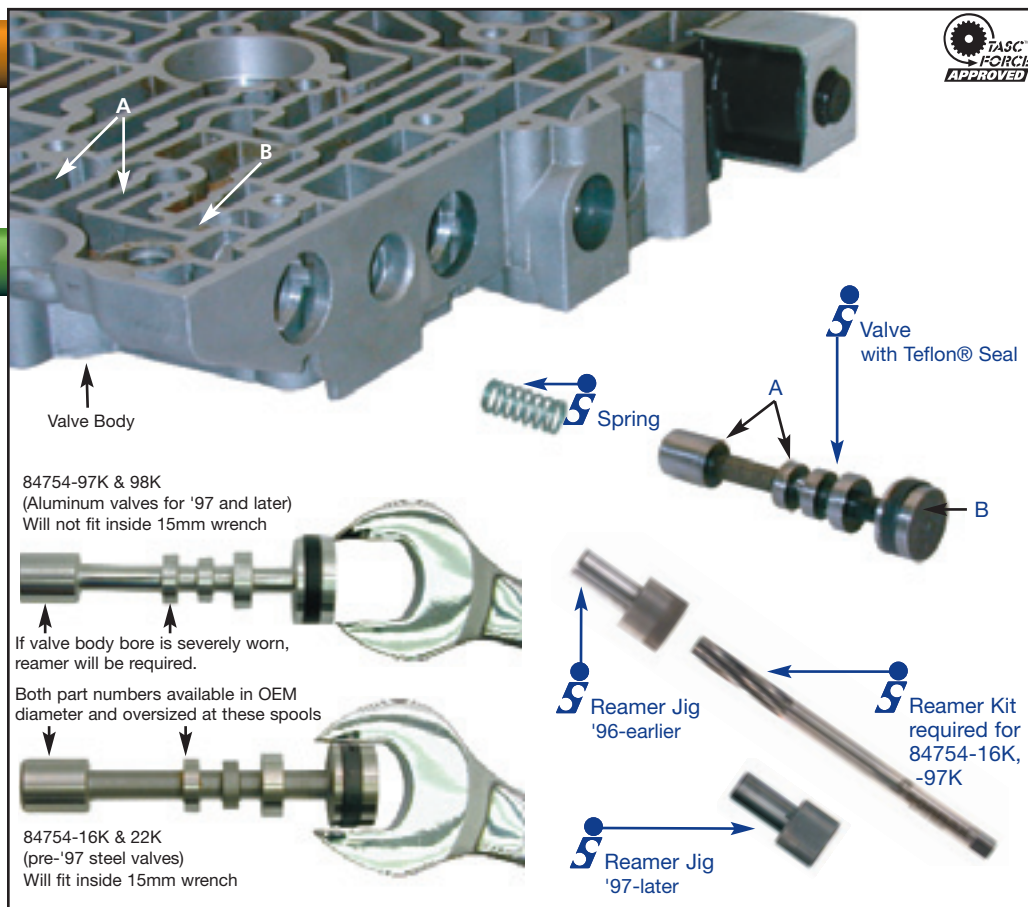
- 1 Apply Valve
- 1 Teflon® Seal
- 1 Spring

Note: U.S. Patent No. 6,832,671

#### 84754-TL5

Kit required for 84754-16K & -97K only

- 1 '96 & earlier Reamer Jig
- 1 '97 & later Reamer Jig
- 1 Reamer



### Sonnax Part Summary

The TCC apply valve acts as the switch valve for converter apply and release. The TCC regulator valve (84754-01K & -08K) controls TCC apply pressure. Both the apply valve and the regulator valve can cause slip codes. When the apply valve is worn, it often returns to the un-apply position even though the TCC apply solenoid remains energized. Check for changes in slip RPM with a scanner or changes in cooler flow with the Sonnaflow® FM-01KA. Generally the apply valve causes larger changes in slip RPM as the converter cycles from apply to full release. The regulator valve causes a more gradual load and heat-sensitive slip.

### Features and Benefits

- Teflon® seal prevents loss of signal oil that strokes the valve.
- Oversized versions available to restore the valve body bore.
- Standard-size versions are drop-in replacements and do not require valve body removal.
- Tool kit services both early and late models.