

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:

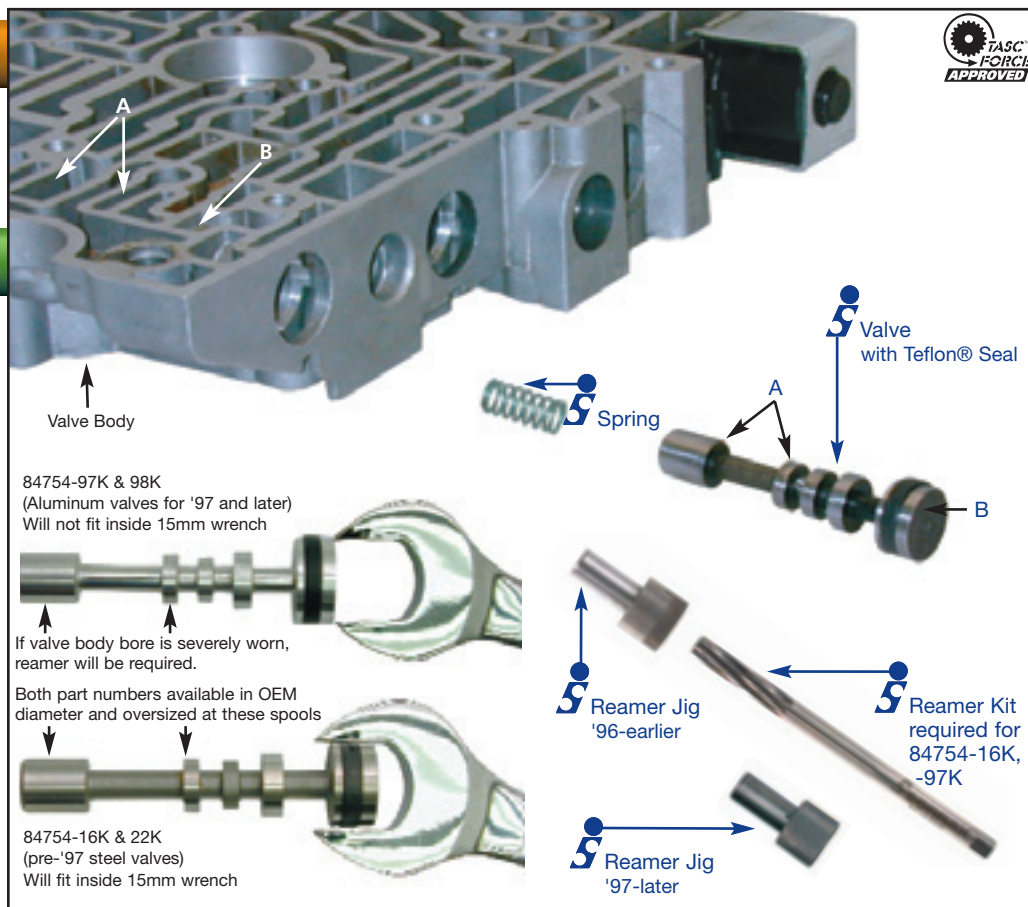
- 1 Apply Valve
- 1 Teflon® Seal
- 1 Spring

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.