

COMPLAINT

SECONDARY COMPLAINTS

Converter slip code P0741, elevated operating temperatures

- TCC surge • Overheating

CAUSE

Wear of the F-trim valve end sleeve allows TCC PWM control oil to leak to exhaust and can also cause the valve to stick.

CORRECTION

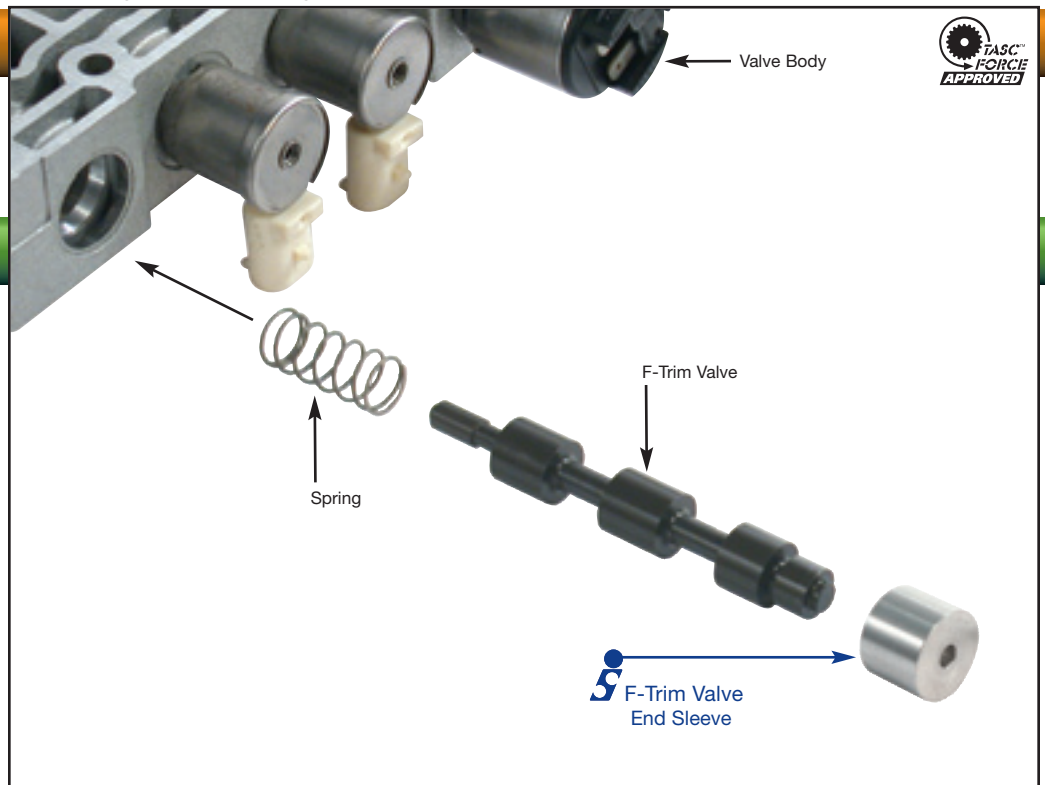
Wear-resistant sleeve is designed to restore converter apply and release pressure. This is a drop-in replacement that does not require valve body modification.

F-Trim Valve End Sleeve

37000-03

1 F-Trim Valve End Sleeve

Note: The F-trim end sleeve, valve and spring shown here are used in '04 and earlier valve body castings. These F-trim components differ from those in the later application, identified by the larger, high frequency TCC solenoid.



Sonnax Part Summary

The F-trim valve is controlled by a PWM solenoid that continuously strokes the valve. When the valve end sleeve becomes worn from constant oscillation, it allows TCC PWM pressure to leak to exhaust, inhibiting the valve from stroking against the spring and causing converter apply concerns, TCC surge, TCC slippage, code P0741 and overheating. The valve end sleeve can also become worn enough to cause the valve to stick, causing converter release problems as well as apply problems, depending on which direction the valve gets stuck. The Sonnax valve end sleeve is wear-resistant and has high lubricity characteristics to restore the F-trim valve to normal operation.

Features & Benefits

- Sleeve is made from high-quality aluminum for increased wear resistance.
- High lubricity ensures proper valve operation.
- Drop-in replacement allows salvage of costly valve bodies.

