

COMPLAINT

SECONDARY COMPLAINTS

TCC slippage or soft apply, codes 1741 or 1744, low cooler flow

• Converter or overdrive area overheated • Elevated trans operating temperature or code 1783

CAUSE

Cooler bypass leaking or opening at lower cracking pressure.

CORRECTION

The Sonnax cooler bypass kit salvages the OEM fittings and tube, and maintains cracking pressure at 70-75 psi.

Cooler Bypass Valve Kit

36605-02K

- 1 T-Valve
- 1 Spring
- 1 Checkball
- 1 Small O-Ring
- 2 Medium O-Rings
- 2 Large O-Rings
- 2 Extra Large O-Rings
- 1 Extra



Sonnax Part Summary

Sticking of bypass components, spring relaxation or poor ball seat will allow the bypass to open at lower cracking pressure. This reduces TCC apply pressure, cooler flow at the overdrive section, and radiator flow responsible for heat transfer. The Sonnax kit allows the bypass valve assembly to be rebuilt and maintains cracking pressure at 70-75 psi.

Features & Benefits

- Hardened steel T-valve provides secure checkball seat and adequate bypass flow.
- New spring cracks open at 70-75 psi to provide lube if cooler is blocked or restricted.
- Hardened alloy steel checkball resists damage.
- Seven new o-rings provide positive seal for cooler circuit.
- Allows salvage of the OEM fittings.

