

COMPLAINT

SECONDARY COMPLAINTS:

TCC slippage

- Repeated converter failure • Reduced cooler flow • Loss of lube • High operating temperature

CAUSE

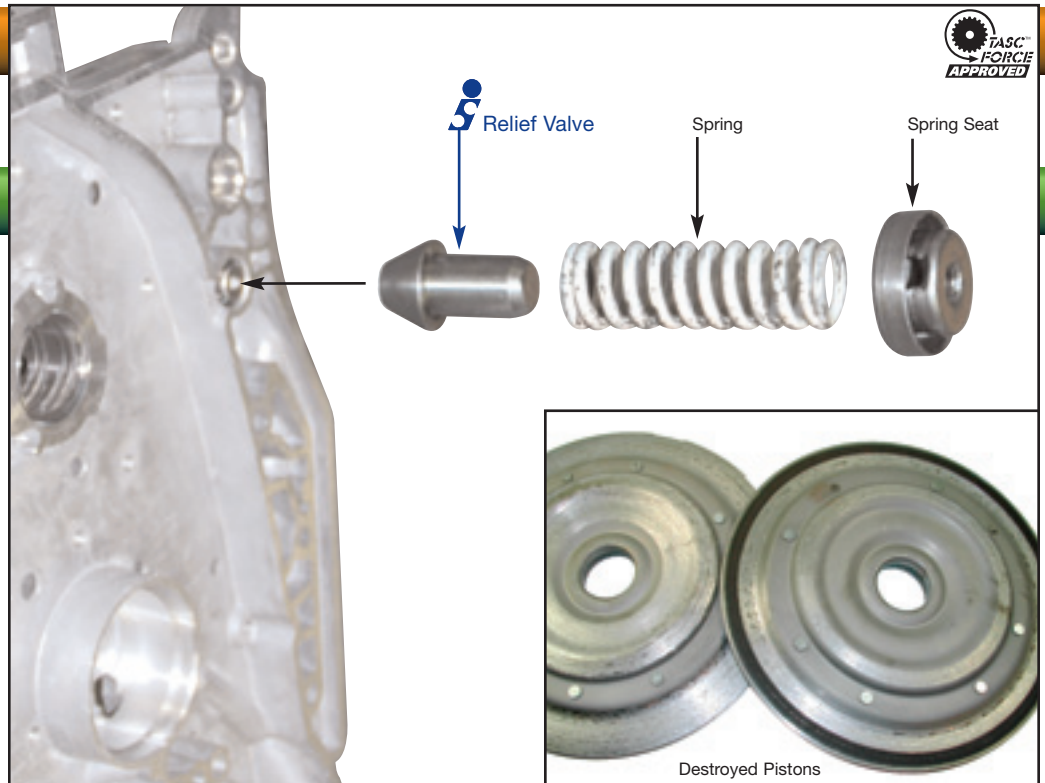
Relief valve doesn't break at low enough pressure.

CORRECTION

The new Sonnax relief valve will crack and flow at a sufficient rate, which will eliminate TCC piston deflection caused by high pressure.

Relief Valve

84757-01K
10 Relief Valves



Sonnax Part Summary

4T65E transmissions often suffer converter failure during high line pressure conditions such as max adapts or various codes due to excessive apply pressure. The torque converter piston is designed for operating pressures of 135 psi but the OEM apply pressure relief doesn't crack until 175 psi and can allow apply pressure to increase beyond that to over 225 psi. At these high pressures the piston deflects, destroying the piston and lining. The new Sonnax apply relief valve 84757-01K is calibrated to crack at 135 psi to prevent excess apply valve.

Features and Benefits:

- Correctly calibrated to release pressure above 135 psi.
- Allows the original chain cover to be reused.