

COMPLAINT

SECONDARY COMPLAINTS

CAUSE

Wear at the inboard end of the PR valve reduces force, which affects converter feed and engagements, also creating higher line pressure. Wear at the mid-outer end reduces line pressure as it leaks to sump.

CORRECTION

The Sonnax kits contain a highly wear resistant aluminum sleeve to fit with the OEM anodized aluminum valve, providing additional support and proper line pressure control.

Pressure Regulator Sleeve Kit

37947-05K

- 1 Sleeve
- 1 Retaining Clip
- 1 Spring (for solenoid regulator valve)



37947-TL5

- 1 Core Drill
- 1 Drill Jig
- 1 Reamer
- 1 Reamer Jig

Note: This tool kit also works with 37947-07K.

Also Available:

37947-01K

OEM Ratio Boost Valve Assembly

37947-03K

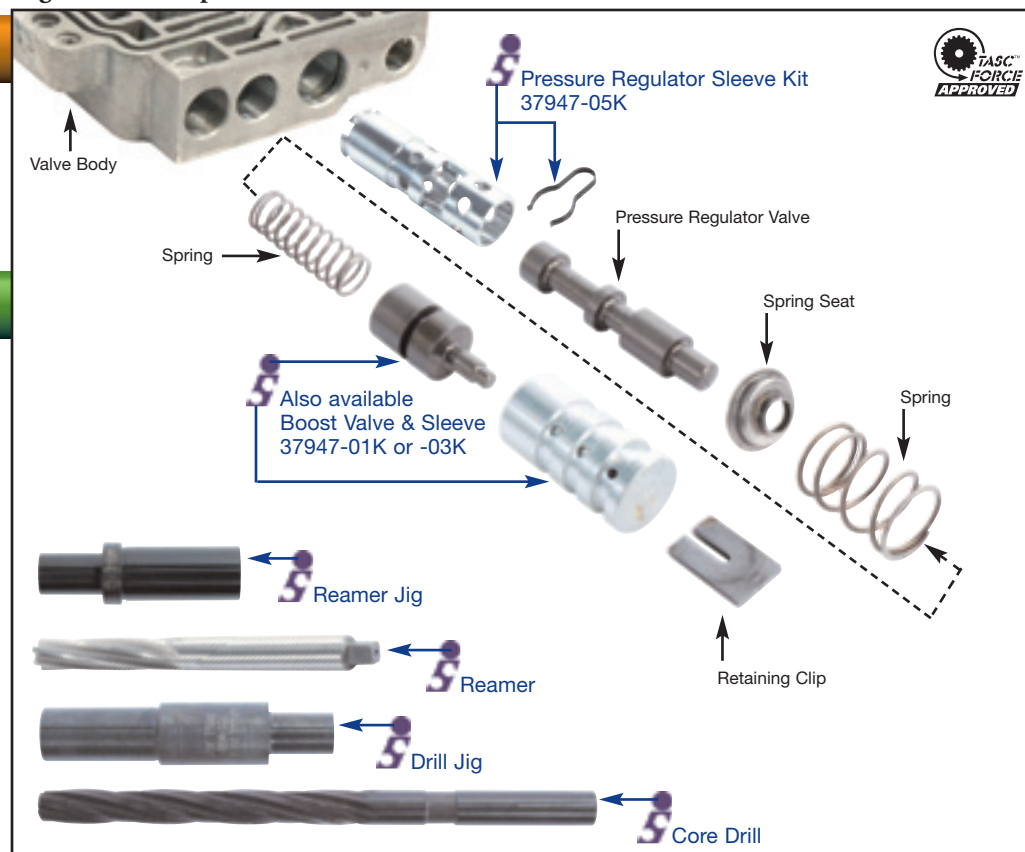
Increased Ratio Boost Valve Assembly

Each includes the following

- 1 Boost Valve
- 1 Boost Sleeve

Delayed engagement due to poor converter fill

High or low line pressure • Low cooler flow at idle, overheat conditions



Sonnax Part Summary

Constant oscillation of the pressure regulator valve can cause excessive wear at the balance line end of the bore, allowing balance line pressure to exhaust and preventing the pressure regulator valve from stroking to the lower line pressure position. Severe wear prevents line from entering the converter apply circuit, which will also restrict valuable cooler flow. Sonnax offers a highly wear resistant aluminum sleeve, 37947-05K, that mates with the OEM anodized aluminum valve. Use of this sleeve allows the valve bore to be oversized, and the hydraulic integrity of the bore to be restored.

Features & Benefits:

- Specially toleranced alloy aluminum sleeve is significantly more wear-resistant than the cast - aluminum valve body, and provides more contact surface with the valve for increased stability and durability.
- Kit includes a replacement solenoid regulator valve spring, which is often damaged during valve body disassembly.
- The tool kit 37947-TL5 also works for the 37947-07K TCC Modulator Sleeve Kit.

Save

Up to \$525 in valve body replacement costs