

COMPLAINT

SECONDARY COMPLAINTS

Delayed engagements, loss of power or fuel economy

• Overheated converter • Low TCC off pressure • Low cooler flow • High operating temperature

CAUSE

Severe wear of the TC limit valve bore results in low oil flow into the converter circuit.

CORRECTION

Oversize the bore with the Sonnax tool kit and install the TC limit valve sleeve kit to restore proper release oil pressure.

TC Limit Valve & Sleeve Kit

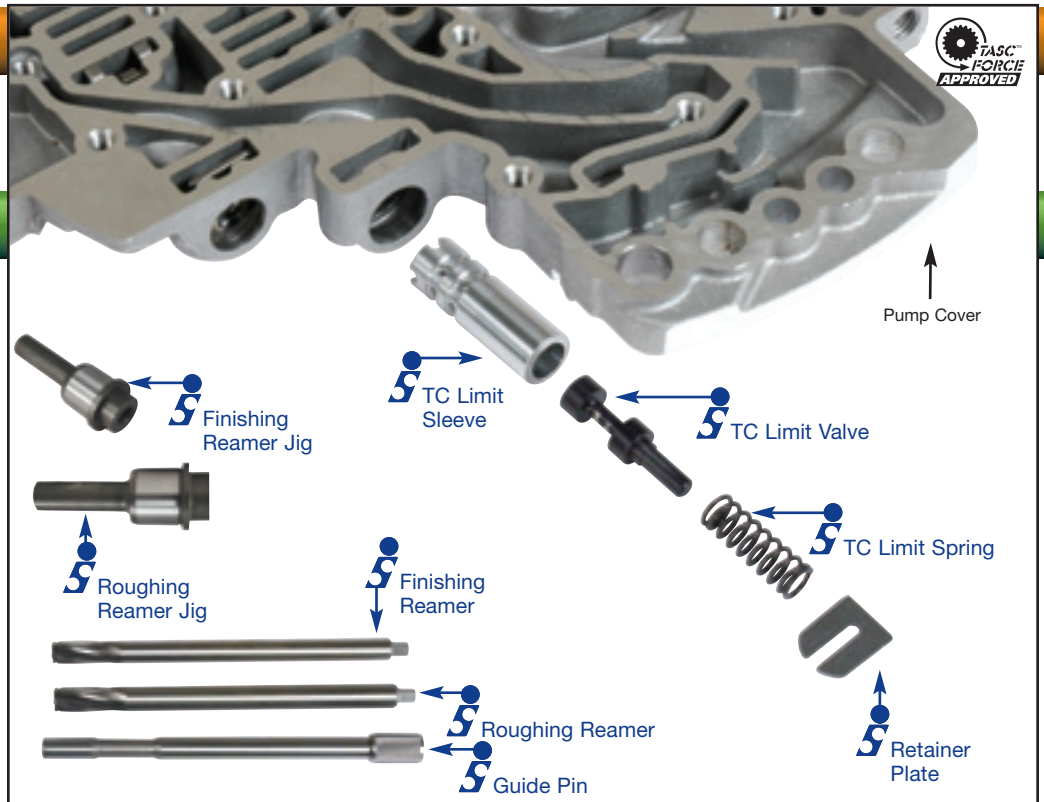
44912-03K

- 1 TC Limit Valve
- 1 TC Limit Sleeve
- 1 TC Limit Spring
- 1 Retainer Plate



F-44912-TL

- 1 Roughing Reamer
- 1 Finishing Reamer
- 2 Reamer Jigs
- 1 Guide Pin



Sonnax Part Summary

Severe wear of the TC limit valve bore results in loss of converter release oil pressure. Reduced release pressure at low speed and idle will drag the converter lining, causing engine surge, pulsation or stall. Low release pressure at cruise affects and limits efficiency, often increasing RPM and reducing fuel economy. If release pressure is low enough, the converter lining may drag enough to glaze the lining. A worn TC limit bore contributes to converter drainback issues. The Sonnax kit 44912-03K salvages pump covers with worn TC limit valves or bores.

Features & Benefits

- Restores normal converter charge and cooler flow.
- Corrects converter overheating concerns.
- Wear-resistant sleeve provides support for valve to reduce future valve wear.
- Kit includes spring and retainer plate.
- Salvages worn pump covers.