

COMPLAINT

SECONDARY COMPLAINTS

Wear at the main/primary pressure regulator valve bore

- Harsh or soft shifts • Delayed engagements • Converter apply/release problems • Late shifts

CAUSE

Wear at multiple points in the pressure regulator bore causes loss of pressure control.

CORRECTION

The Sonnax kit includes an oversized pressure regulator valve to restore correct clearances for proper hydraulic control, and a replacement boost valve assembly.

Oversized Pressure Regulator Valve & Boost Valve Kit

59947-12K

- 1 Pressure Regulator Valve
- 1 Pressure Regulator Spring
- 1 Boost Sleeve
- 1 Boost Valve

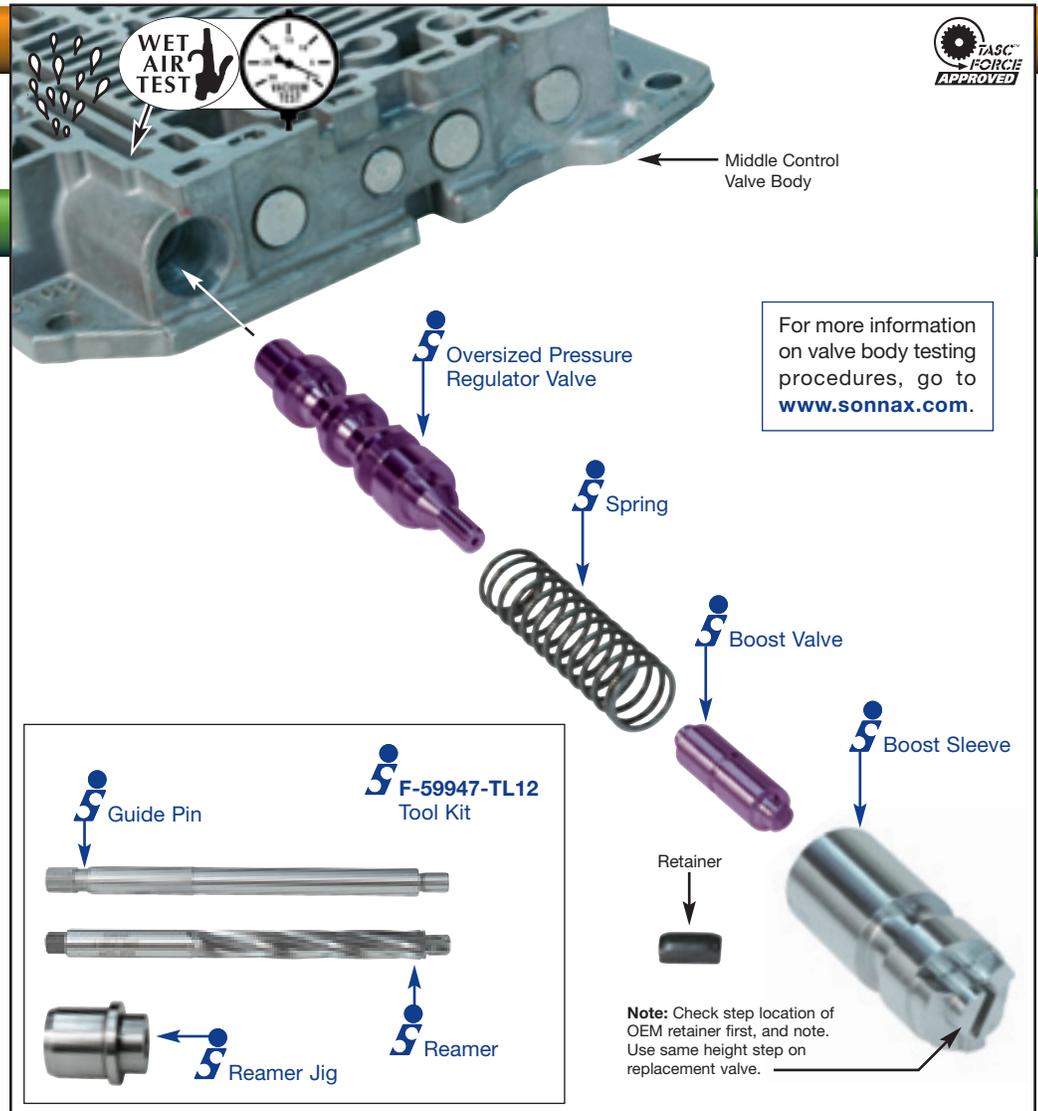


F-59947-TL12

- 1 Reamer
- 1 Guide Pin
- 1 Reamer Jig



Note: Also fits AW55-51SN, AF 23/33 and RE5F22A units.



Summary

Wear at the balance end can cause harsh shifts, high line pressure, converter apply/release problems and lube-related issues. Wear at the other locations can result in soft shifts, low line pressure, and converter problems. Boost sleeve wear reduces the ability of line pressure to rise according to TCM command, resulting in slow line rise and late shifts. Late shifts can often create gear ratio codes. A worn boost sleeve in this unit can also cause a delay in reverse or slippage, eventually burning the low reverse (B3), 1-2 reverse (B5) band and or the direct clutch (C2).

Features & Benefits

- Boost valve assembly is manufactured from an upgraded highly wear-resistant sleeve and a hard-coat anodized aluminum valve to provide better wear resistance.
- Replacement pressure regulator valve is hard-coat anodized aluminum to provide better wear resistance than the original steel valve.
- The pressure regulator valve has longer length spools for increased valve support.

