

COMPLAINT

SECONDARY COMPLAINTS

Low/high line pressure

• Squawk/shudder on 2-3 shift • Hydraulic buzz • Soft/harsh shifts • Clutch/band failure

CAUSE

Continuous oscillation of the pressure regulator valve causes valve body bore wear, which results in line pressure irregularities and valve instability.

CORRECTION

This oversized valve allows the valve body bore to be reamed to eliminate the wear while the anodized valve has extended spools to provide more stability and better wear resistance.

Oversized Pressure Regulator Valve

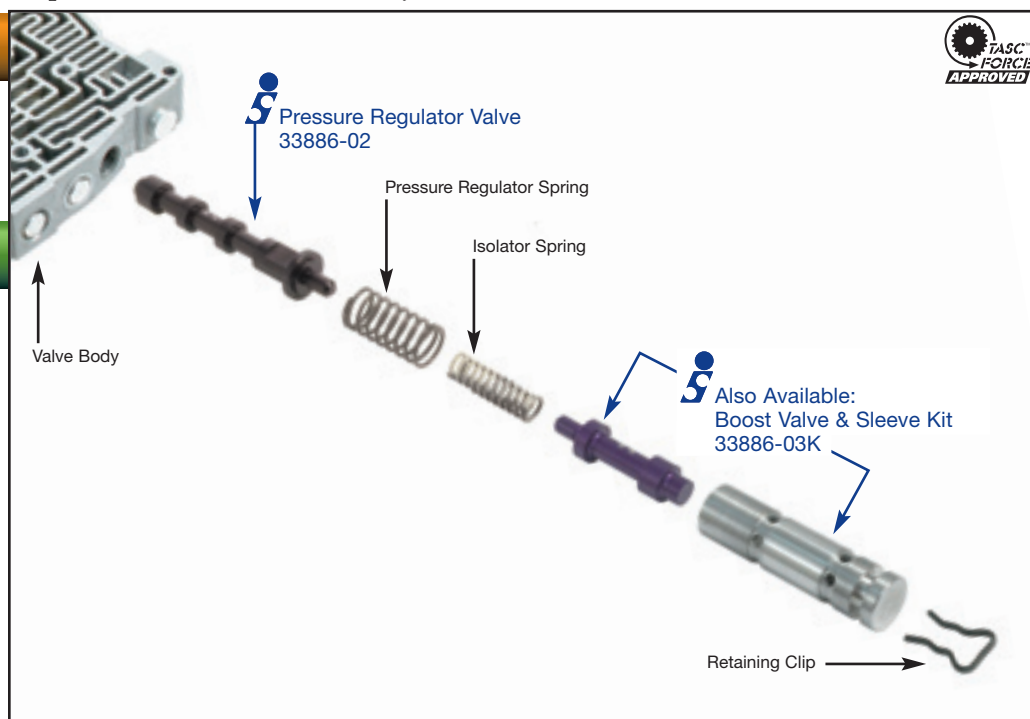
33886-02

1 Oversized Pressure Regulator Valve



33886-TL2

1 Reamer
1 Reamer Jig
1 Drill Bit



Sonnax Part Summary

The continuous oscillation of the pressure regulator valve wears the valve body bore. If severe wear occurs at the balance line circuit, the pressure regulator valve won't stroke to reduce line pressure and feed the converter/lube circuits. This can result in high line pressure, harsh shifts, reduced converter pressure and loss of lube. Severe wear at the other pressure regulator valve circuits can allow line pressure to exhaust or go to decrease, resulting in lack of pump inlet control, high or low line pressure, soft or harsh shifts and burned clutches and bands. Sonnax now offers an oversized pressure regulator valve, **33886-02**, that allows the valve body bore to be refurbished and the hydraulic integrity restored.

Features & Benefits

- Oversized valve allows refurbishing of worn bores.
- Hard-coat anodized aluminum valve resists wear.
- Additional spool with flats at the decrease circuit provides additional valve stability and prevents line pressure leakage.
- One valve works in both the early and late OEM applications.

Note: The Sonnax valve mimics the design of the 2000-up OEM valve, but may be used in pre-2000 valve bodies as well. The pre-2000 pressure regulator valves had an internal cross drill to allow line to feed balance line at the end of the valve. In 2000, the cross drill was eliminated from the valve, and the spacer plate changed. If the Sonnax oversized valve is used in the pre-2000 valve bodies, a slight modification to the spacer plate and gasket will be necessary.

Save

\$350 In valve body replacement costs

