

## COMPLAINT

SECONDARY COMPLAINTS

## Loss of 3rd, 4th and 5th gear, no TCC apply

- Low line pressure
- Delayed forward
- 2-3 flare upshifts
- 5th gear only condition

## CAUSE

Continuous oscillation of the steel solenoid modulator valve in the cast-aluminum bore can create wear, resulting in excessive feed pressure to the SLT (line pressure), SLS (shift pressure) and SLU (TCC lockup pressure) control solenoids. High pressure can flood these solenoids and delay the stroke of the solenoid relay valve, creating a loss of gear and/or TCC apply.

## CORRECTION

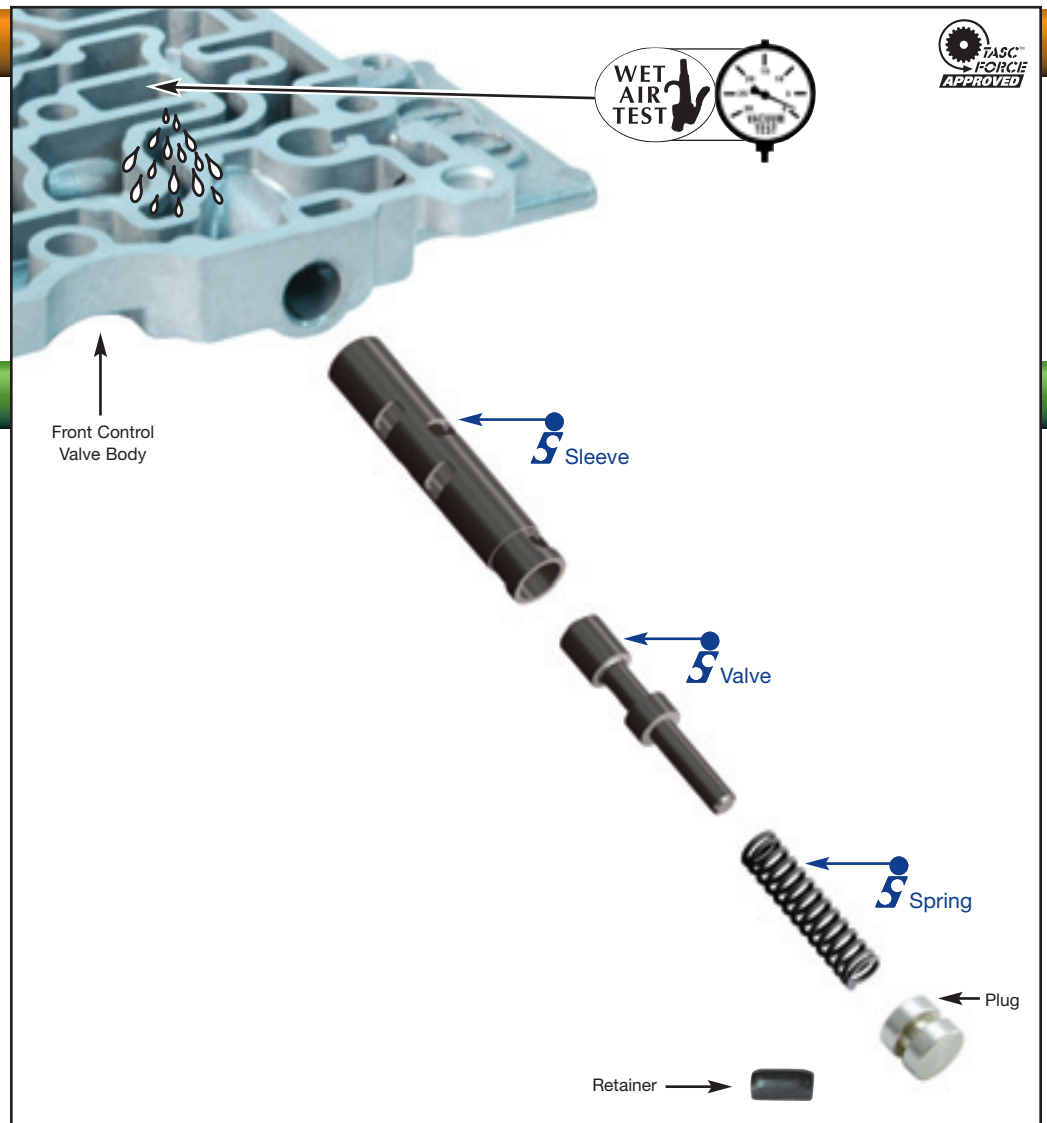
The steel drop-in-place capsule contains a tightly toleranced sleeve and valve designed to prevent wear and re-establish correct hydraulic clearances and valve operation without the need to oversize the existing cast bore.

## Solenoid Modulator Valve Capsule

### 59947-09K

- 1 Solenoid Modulator Valve
- 1 Solenoid Modulator Sleeve
- 1 Solenoid Modulator Spring
- 2 Orifice Plugs not shown

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



### Features & Benefits

- Capsule is a drop-in-place fix, requiring no tooling.
- Case-hardened steel valve and moderately hard sleeve prevent future wear.
- A replacement spring is included to set the solenoid modulator feed pressure back to OEM specifications.
- Orifice plugs provided for separator plate modification.

### You need this if...

A Wet Air Test in the location indicated with the valve blocked inward results in leakage out the neighboring line port, or a vacuum test of the balance port gives less than 18" of vacuum.

For more information on valve body testing procedures, go to [www.sonnax.com](http://www.sonnax.com).