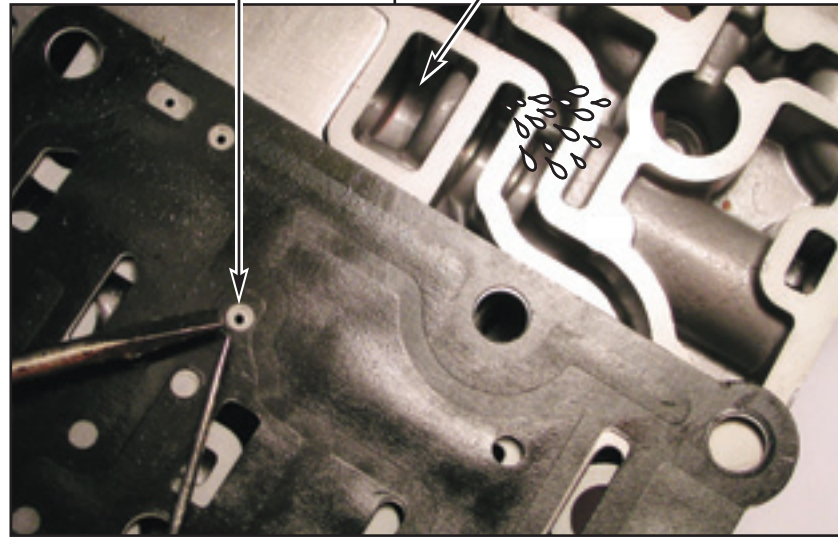
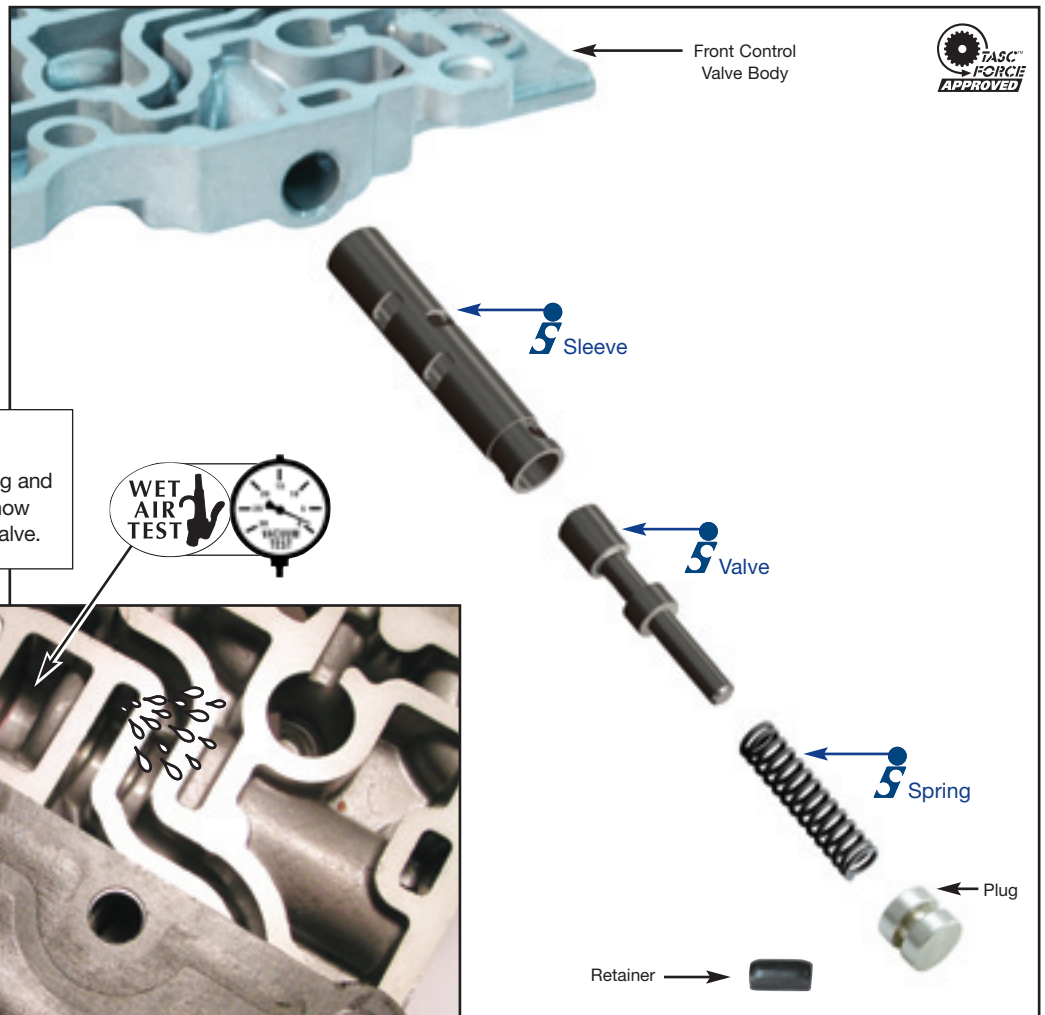


## Solenoid Modulator Valve Capsule

### 59947-09K

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

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



### Disassembly

Remove and discard the OEM valve and spring.

### Installation

1. Insert the valve/sleeve capsule into the bore, with the open end of sleeve facing out.
2. Install the replacement spring over the valve stem.
3. Reinstall the OEM end plug and retainer.
4. Drill the indicated balance orifice in the separator plate to .062". Insert the small aluminum plug ( $\varnothing .062$ " x .075" long)

into the hole and peen over on both sides. This will block balance feed through the separator plate, as it will now be fed through the valve orifice.

### Verification

Perform a Wet Air Test or vacuum test of the valve while in the bore at the balance feed port indicated. A vacuum test should reach at least 18" of vacuum. If performing a WAT, no leakage should occur at the neighboring line port with the valve blocked inward.

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