

Critical Wear Areas & Vacuum Test Locations

NOTE: OE valves are shown in rest position and should be tested in rest position unless otherwise indicated. Test locations are pointed to with an arrow. Springs are not shown for visual clarity. Low vacuum reading indicates wear and Sonnax parts are noted for replacement.

Valve Body (Front)



For specific vacuum test information, refer to individual part instructions included in kits and available at www.sonnax.com.

Click on Sonnax part numbers to see more information.

TCC Switch Valve

- No lockup
- Stalling condition
- Torque converter slip codes

TCC Control & Plunger Valve

- Converter shudder & failure
- TCC lockup surge
- TCC deflection & lining failure
- Planetary failure
- Cooler restriction

Replace with Sonnax Part No.

92835-03K
92835-33K Requires F-92835-TL33 & VB-FIX

TCC Control Plunger Sleeve

- Converter shudder & failure
- TCC lockup surge
- TCC deflection & lining failure
- Planetary failure
- Cooler restriction

TCC Regulator Valve

- Damaged converter
- TCC codes
- No TCC release
- Excess converter pressure
- Excess cooler pressure
- High TCC release pressure
- Low TCC release pressure

Replace with Sonnax Part No. **92835-37K**

Requires F-92835-TL37 & VB-FIX

Solenoid Switch Valve

- 4th Clutch burned
- Bind-up
- Codes 841, 868, 871, 988, 1775, 1776
- Failsafe mode
- OD clutch burned

Replace with Sonnax Part Nos.

92835-02K
92835-39K
92835-21 Requires F-92835-TL & VB-FIX
92835-32K Requires F-92835-TL32 & VB-FIX
92835-18K Requires 92835-RM or F-92835-TL18 & VB-FIX

Blocker Valve

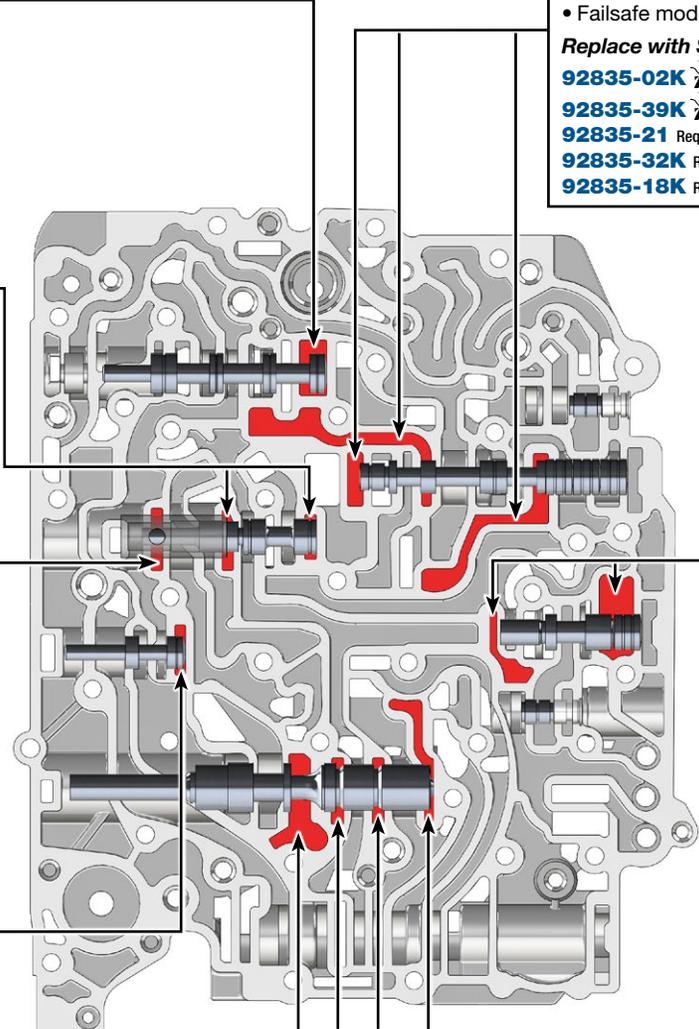
- Wrong gear starts
- Gear ratio errors
- Slip on take off

Pressure Regulator Valve

- Shift concerns
- Low line pressure
- High line pressure
- Erratic TCC apply
- Poor lube oil control

Replace with Sonnax Part No. **92835-29**

Requires F-92835-TL29 & VB-FIX



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Valve Body (Back)

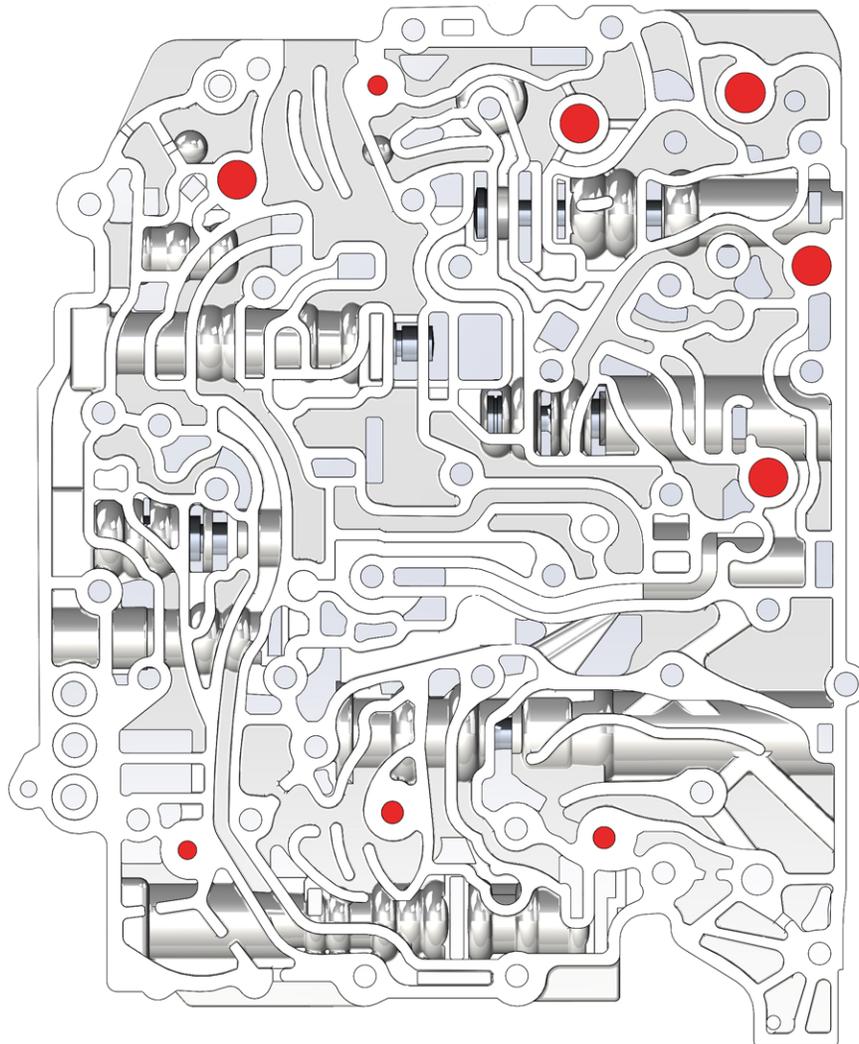


For specific vacuum test information, refer to individual part instructions included in kits and available at www.sonnax.com.

Click on Sonnax part numbers to see more information.

Clutch Pressure Tap Checkballs

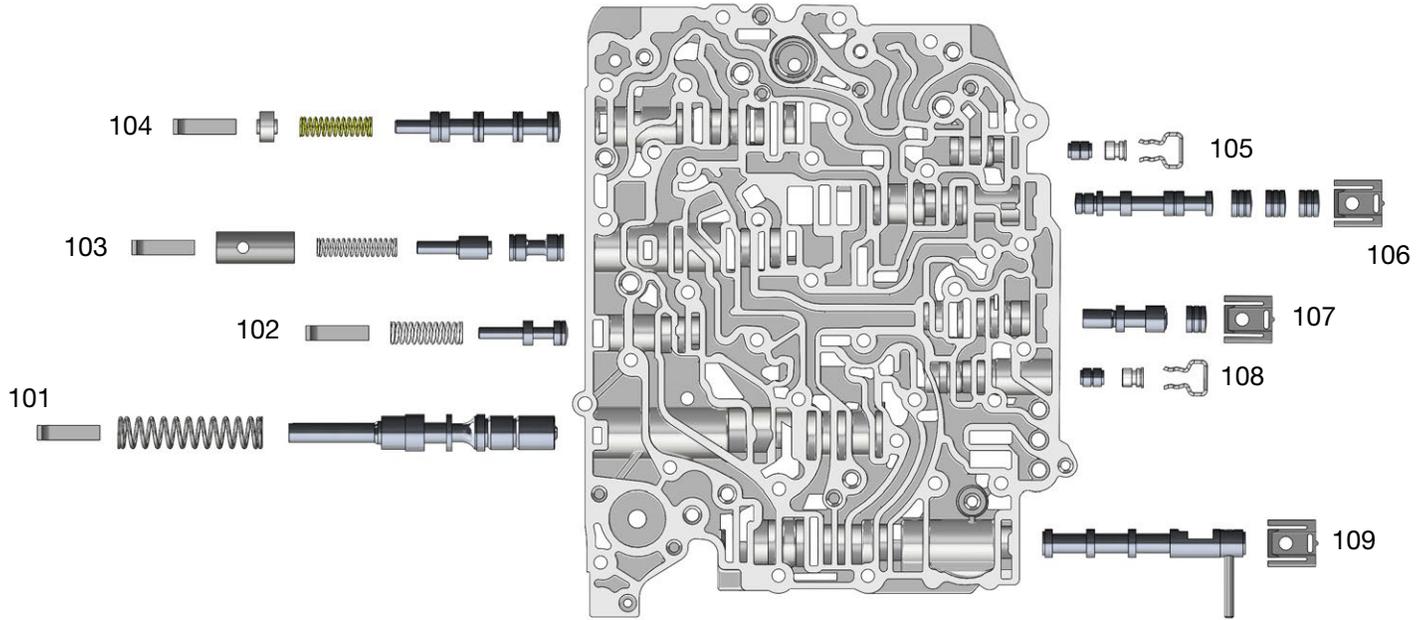
- Drive slip
- Reverse slip
- Gear ratio errors
- Limp mode



OE Exploded View

Valve Body (Front)

NOTE: Depending upon vehicle application, the OE springs shown may not be present.



Valve Body Descriptions

I.D. No.	Description
101	Pressure Regulator Valve
102	TCC Regulator Valve
103	TCC Control Valve
104	TCC Switch Valve
105	Low/Reverse Switch Valve
106	Solenoid Switch Valve
107	Blocker Valve
108	Low Clutch Switch Valve
109	Manual Valve