

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.

Valve & Pump Bodies

Pump Flow Control Valve

- Delayed engagement
- Push belt slippage
- Low pump volume

Replace with Sonnax Part No. **33510N-02** or **33510N-01** Requires F-33510N-TL & VB-FIX

Block this port while testing.



Pump Body

Primary Pulley Regulator Valve

- High line pressure
- Chatter on acceleration
- Slips in Forward & Reverse

Replace with Sonnax Part No. **33741F-02K** Requires F-33741F-TL2 & VB-FIX

Overdrive Reverse Select Switch Valve

- No high ratios
- No Reverse

TCC Switch Valve & Sleeve

- TCC apply & release concerns
- TCC lining failure
- No lockup

Replace with Sonnax Part No. **113741-11K**

Secondary Pulley/Pressure Regulator Valve

- Chatter on acceleration
- Push belt slippage
- RPM surge

Replace with Sonnax Part No. **33741F-01K** Requires F-33741F-TL & VB-FIX

Manual Valve

- Delayed engagement
- Low pressure

Torque Converter/ Lube Regulator Valve

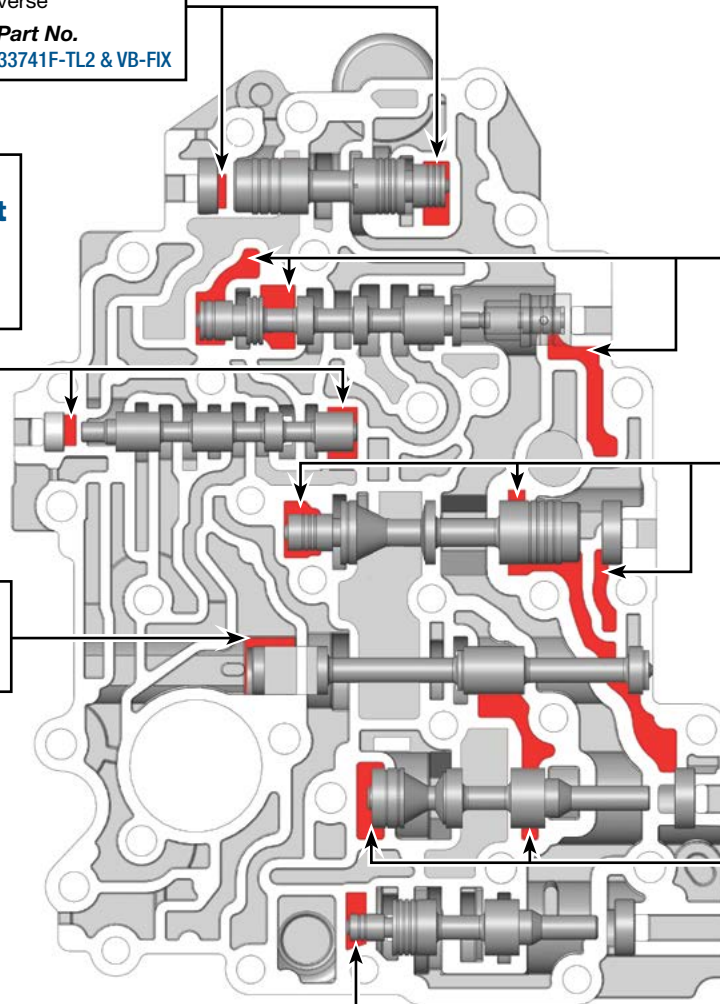
- No lockup
- Engine stall on engagement
- Overheated fluid

Replace with Sonnax Part No. **33741F-04K** Requires F-33741F-TL4 & VB-FIX

Solenoid Regulator Valve

- Low solenoid feed pressure
- No ratio change
- Chatter on acceleration

Replace with Sonnax Part No. **33741F-03K** Requires F-33741F-TL3



Valve Body

OE Exploded View

Valve & Pump Bodies

Valve Body Descriptions

I.D No.	Description
101	TCC Switch Valve (inboard), TCC Switch Valve Plunger & Sleeve (outboard)
102	Secondary Pulley - Pressure Regulator Valve
103	Manual Valve
104	TC/Lube Regulator Valve
105	Solenoid Regulator Valve
106	OD-R Select Switch Valve
107	Primary Pulley Regulator Valve

Pump Body Descriptions

I.D No.	Description
201	Pump Flow Control Valve

