

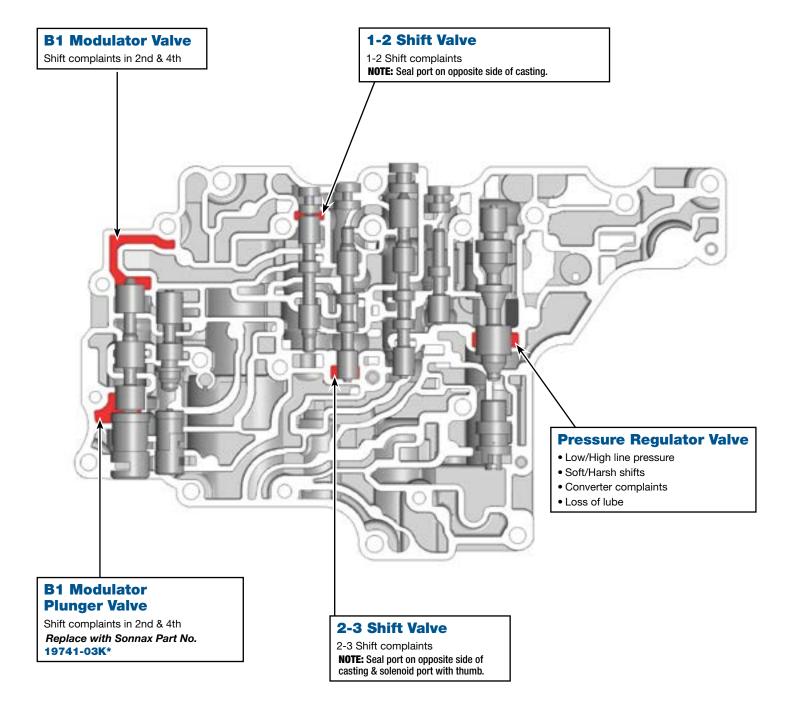


Critical Wear Areas & Vacuum Test Locations



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.

Front Control Valve Body - Separator Plate Side Shown



Click on Sonnax part numbers to see more information.

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AW60-40LE-Vac-Locations 03-02-15



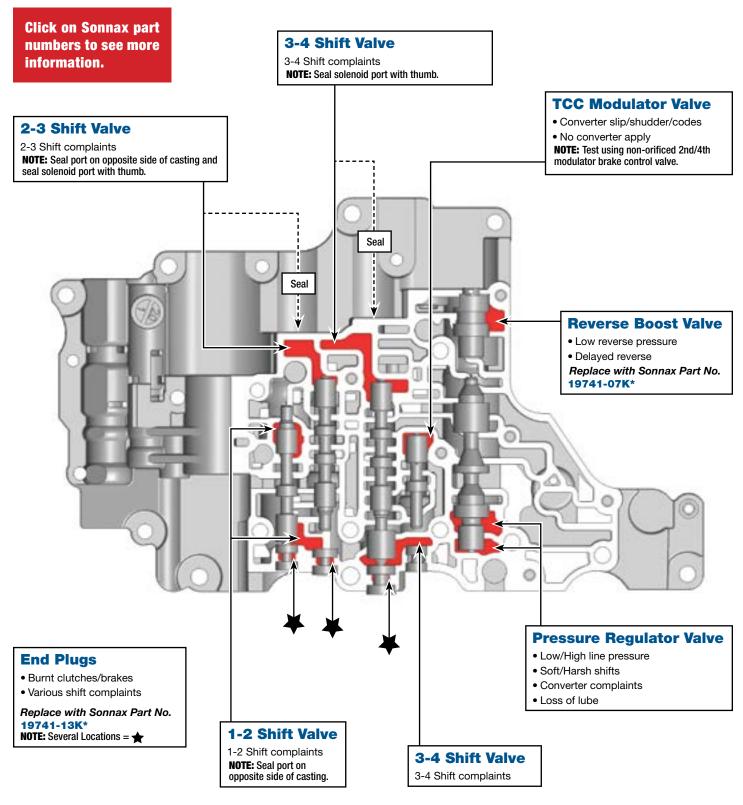


Critical Wear Areas & Vacuum Test Locations



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.

Front Control Valve Body - Cover Side Shown



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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.

Rear Control Valve Body - Separator Plate Shown

Coast Clutch Modulator Valve

Burned coast clutch

NOTE: Test using non-orificed 2nd/4th brake modulator control valve.

Low Coast Modulator Valve

- Burned 1st & reverse clutch
- Delayed engagement reverse or 1st in manual low

NOTE: Test both at the same time.

Solenoid Modulator Valve

Shift complaints

NOTE: Test using non-orificed 2nd/4th brake modulator control valve

Reverse Clutch Accumulator Piston

- Burned reverse clutch
- Delayed reverse
- Bump in reverse

Control Valve Lockup complaints/codes

Lockup

Secondary Regulator Valve

- TCC complaints
- Loss of lube

End Plugs

- Burnt clutches/brakes
- Various shift complaints

Replace with Sonnax Part No. 19741-13K*

NOTE: Several Locations = ★

2nd/4th Brake Modulator Control Valve

- Burned 2-4 brake
- Shift complaints in 2nd & 4th

Click on Sonnax part numbers to see more information.

2nd/4th Brake & Foward Clutch Accumulator Piston

- Burned forward clutch Delayed forward
- Burned 2-4 brake Bump 2nd & 4th gear

2-3 Timing Valve & Overdrive Clutch Accumulator Piston

- 2-3 Shift complaints Bump in 3rd gear
- Burned overdrive clutch
- NOTE: Test one port while sealing the other.

Lockup Control Plunger Valve Kit

- Burnt converter TCC codes
- TCC apply & release concerns

Replace with Sonnax Part No. **59954-01K**

Part numbers with an asterisk () are included in this Zip Kit.

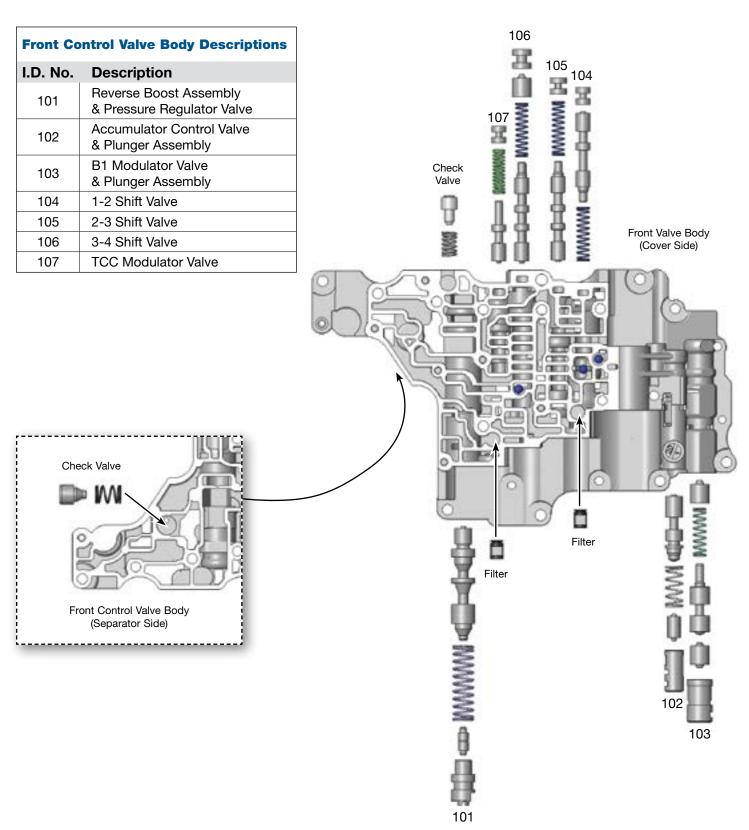
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OE Exploded View

Front Control Valve Body - Cover Side (Separator Side Inset) Shown Here



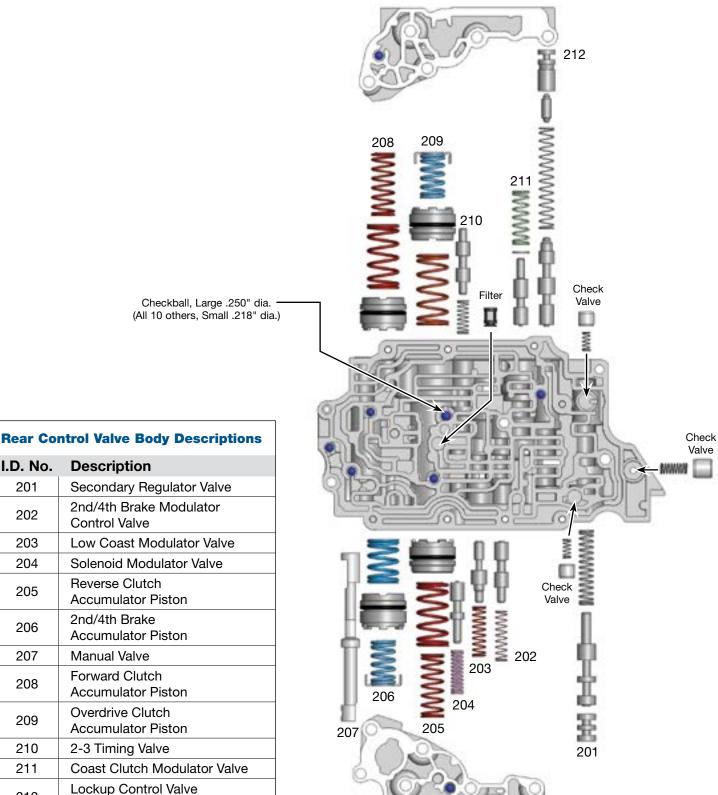
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OE Exploded View

Rear Control Valve Body



203 Low Coast Modulator Valve 204 Solenoid Modulator Valve Reverse Clutch 205 **Accumulator Piston** 2nd/4th Brake

I.D. No.

201

202

212

206 Accumulator Piston 207 Manual Valve Forward Clutch 208 **Accumulator Piston** Overdrive Clutch 209 **Accumulator Piston** 210 2-3 Timing Valve 211 Coast Clutch Modulator Valve

& Plunger Assembly

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