

Critical Wear Areas & Vacuum Test Locations Zip



Drop-In Zip Valve™ Parts Available

Zip Kit® Available

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.

Upper Valve Body



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.

B1 Accumulator Piston %

- Burnt B1 brake clutches Forward Slip
- Flare/Harsh shifts Burnt clutches

Replace with Sonnax Part No. 47740-11K

B2 Accumulator Piston 🛣

- Burnt B2 brake clutches Flare/Harsh shifts
- Delayed Reverse with harsh engagement
- Burnt clutches

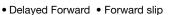
Replace with Sonnax Part No. 47740-11K

End Plugs 🛣

- Burnt brake clutches Shift concerns
- Lockup concerns Burnt clutches

Replace with Sonnax Part No. 47740-21K NOTE: Several Locations =

C1 Accumulator Piston



- C1 Clutch burned Harsh Forward

C2 Accumulator Piston • Burnt C2 brake clutches • Forward Slip

• Flare/Harsh shifts • Burnt clutches

Replace with Sonnax Part No.

Flare shifts

47740-11K

Test: Test this port

with valve blocked inboard .125" with OE retainer.

Test: Test this port with valve

blocked outboard .125" with

OE retainer and sealing port on back with thumb.

Replace with Sonnax Part No. 47740-12K

B3 Accumulator Piston ®

- Burnt B3 brake clutches
- Flare/Harsh shifts Burnt clutches
- Delayed Reverse with harsh engagement

Replace with Sonnax Part No. 47740-11K

Secondary Pressure Regulator Valve

- TCC codes TCC shudder Lube failures
- TCC apply & release concerns
- Bearing/Bushing failure

Replace with Sonnax Part No. 47740-26K Requires F-47740-TL26 & VB-FIX

Reverse Sequence Valve

- Low Reverse pressure
- Burnt B2 or B3 brake

• Delayed Reverse

Lockup Relay Valve

- TCC apply & release concerns
- TCC slip codes
- Overheated transmission

Lockup Control Valve

• TCC slip codes • RPM fluctuation

Test: Test each port with valve blocked outboard .125" with OE retainer.

- TCC apply & release concerns
- Harsh downshifts

Replace with Sonnax Part No. 47740-30K Requires F-47740-TL30 & VB-FIX

Lockup Control Boost Assembly

- TCC apply & release concerns TCC slip codes
- Burnt converter Overheated Fluid

Replace with Sonnax Part No. 47740-06K

Converter & **Lube Relief Valve**

- Overheating Repeated converter failure
- TCC slip TCC slip codes

Replace with Sonnax Part No. 47740-60K Requires 47740-TL60

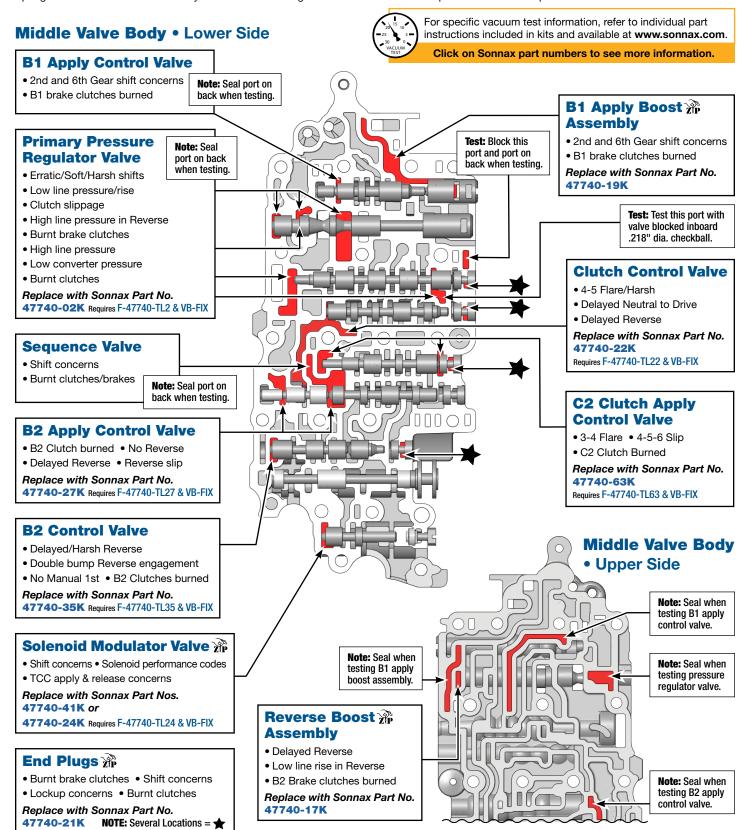
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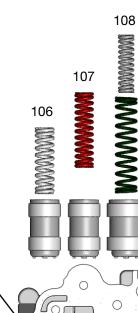


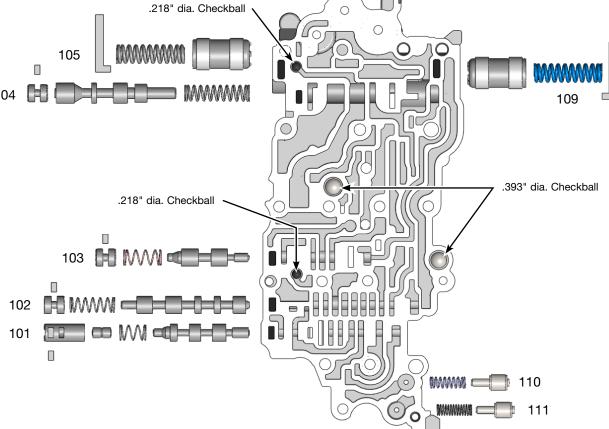


OE Exploded View

Upper Valve Body

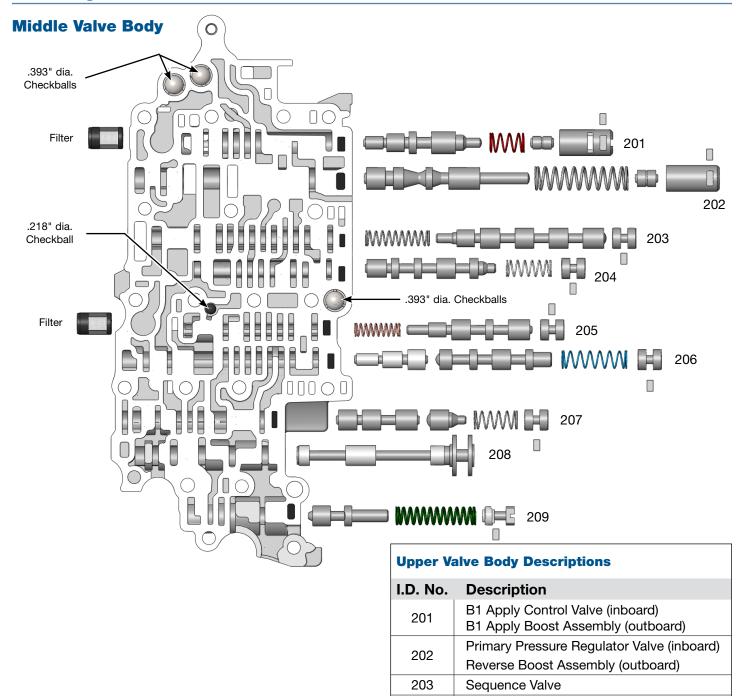
Upper Valve Body Descriptions	
I.D. No.	Description
101	Lockup Control Valve (inboard) Lockup Control Boost Assembly (outboard)
102	Lockup Relay Valve
103	Reverse Sequence Valve
104	Secondary Pressure Regulator Valve
105	B3 Accumulator Piston
106	B1 Accumulator Piston
107	B2 Accumulator Piston
108	C1 Accumulator Piston
109	C2 Accumulator Piston
110	Lube Relief Check Valve
111	Converter Relief Check Valve







OE Exploded View



204

205

206

207

208

209

Clutch Control Valve

Manual Valve

C2 Clutch Apply Control Valve

B2 Control Valve (inboard)

Solenoid Modulator Valve

B2 Apply Control Relay Valve (inboard)

B2 Apply Control Valve (outboard)

B2 Control Relay Valve (outboard)

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