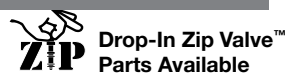


Critical Wear Areas & Vacuum Test Locations



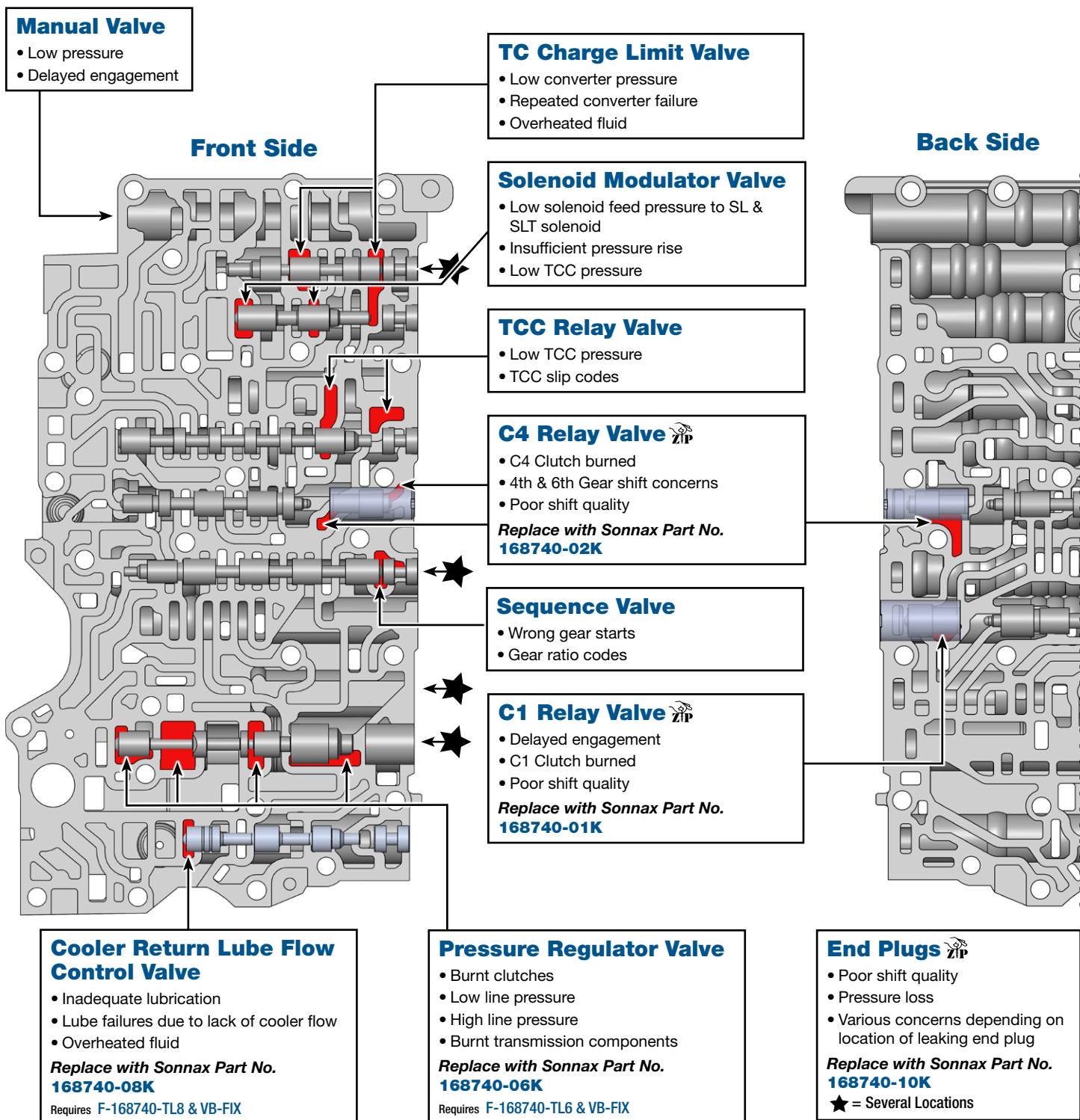
NOTE: OE valves are shown in rest position and should be tested in rest position unless otherwise indicated. Test locations are pointed to with an arrow. Springs are not shown for visual clarity. Low vacuum reading indicates wear and Sonnax parts are noted for replacement.

Middle Valve Body • UA80E Shown



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.



Critical Wear Areas & Vacuum Test Locations

ZIP Drop-In Zip Valve™
Parts Available

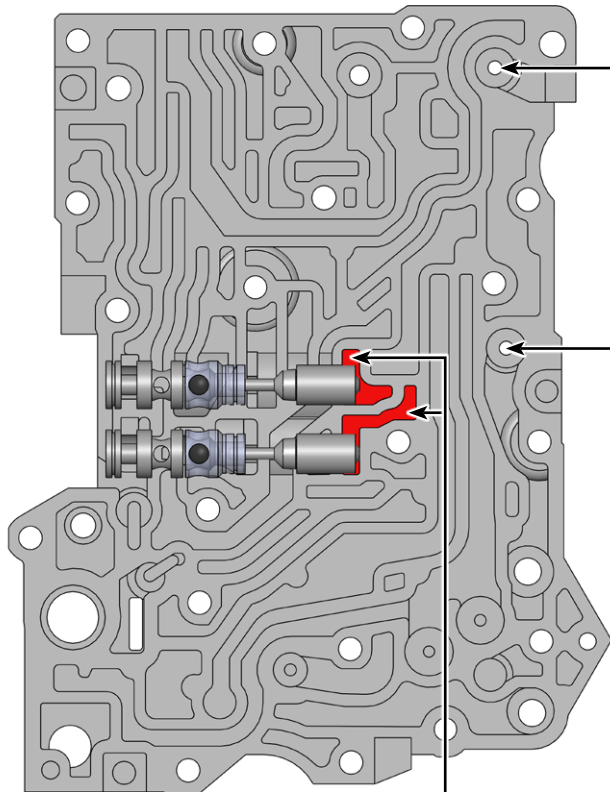
NOTE: OE valves are shown in rest position and should be tested in rest position unless otherwise indicated. Test locations are pointed to with an arrow. Springs are not shown for visual clarity. Low vacuum reading indicates wear and Sonnax parts are noted for replacement.

Rear Valve Body • UA80E Shown



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.



TCCRV & TCCV Damper Kit

- Lube failures • Cooler drain back
- Overheated fluid/converter
- Delayed engagement

Replace with Sonnax Part No. 168740-11K

Solenoid Damper

- Poor shift quality • Burnt clutches
- Delayed engagement
- Low line pressure
- TCC apply & release concerns
- Loss of shift solenoid control pressure

Replace with Sonnax Part No. 168740-12K

B2/C1 One Way Check Valve

- Forward slip
- No Forward
- B2/C1 clutch failure

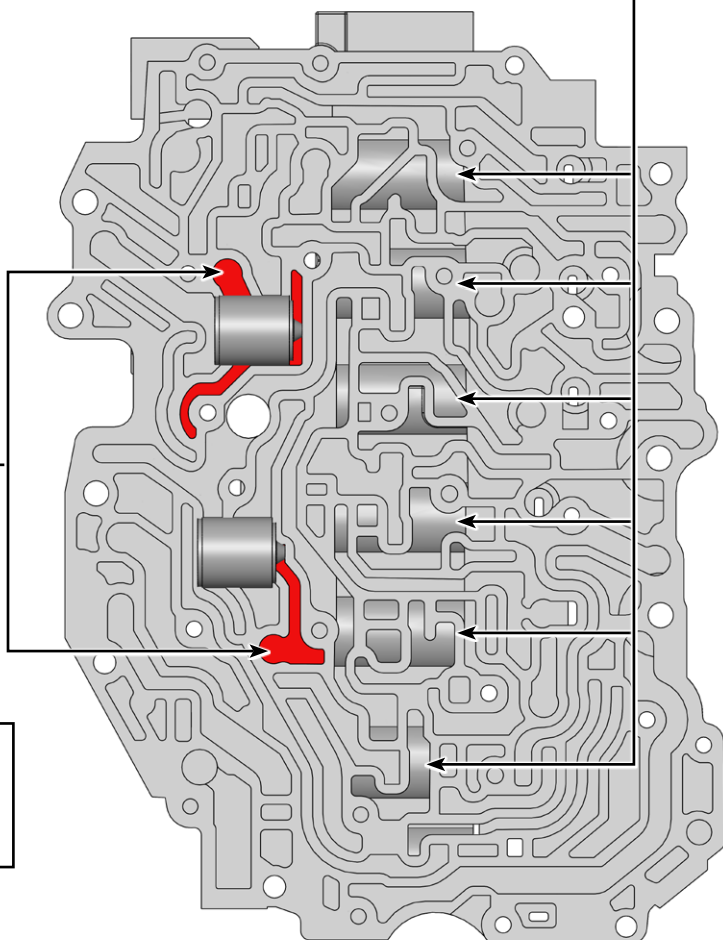
NOTE: Only on Stop-Start models. Valve bodies without Stop-Start will have open bores here.

Forward/Reverse Accumulators

- Slips in Forward & Reverse • Delayed engagement
- Poor shift quality • Harsh engagement

Replace with Sonnax Part No. 168740-05K

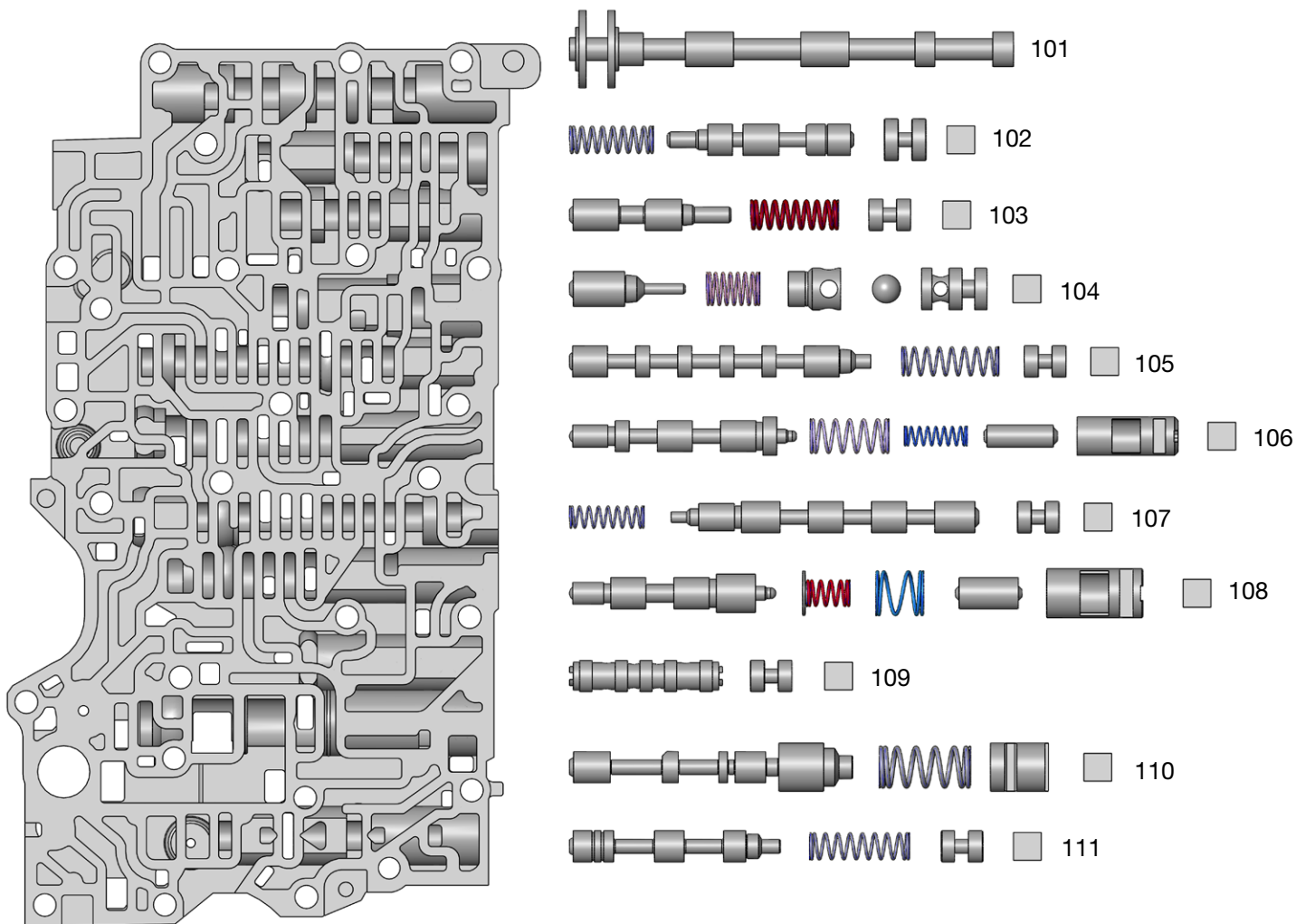
Solenoid Valve Body UA80 Shown



OE Exploded View

Middle Valve Body (Front Side) • UA80E Shown

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



Middle Valve Body Descriptions

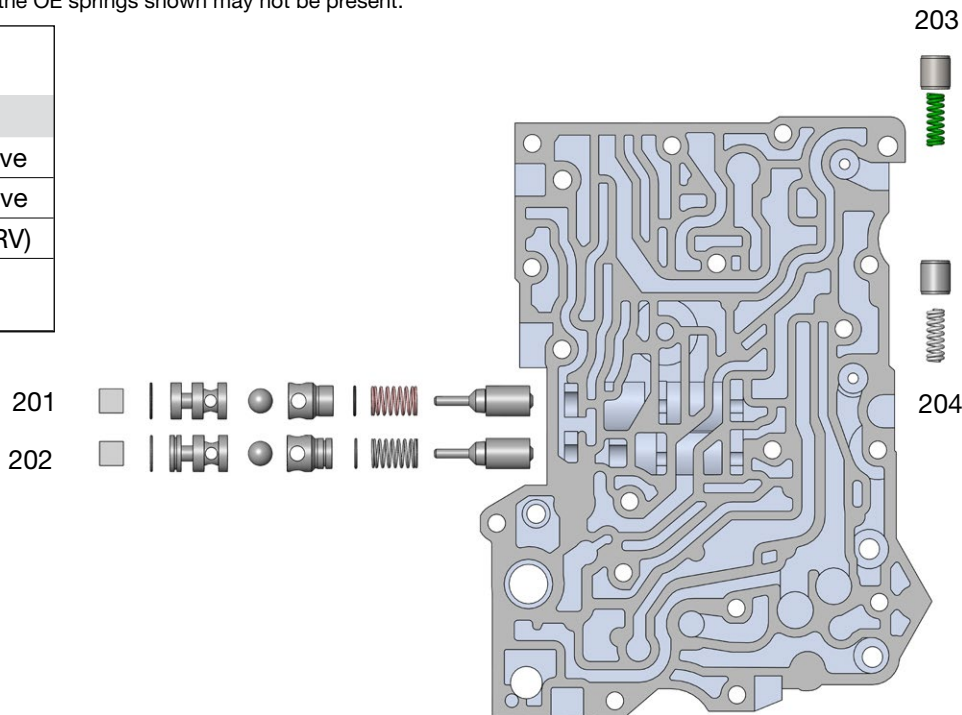
I.D. No.	Description
101	Manual Valve
102	TC Charge Limit Valve
103	Solenoid Modulator Valve
104	SL4/SL3 Shuttle Ball
105	TCC Relay Valve
106	C4 Relay Valve
107	Sequence Valve
108	C1 Relay Valve
109	4-Way Check Valve
110	Pressure Regulator Valve
111	Cooler Return Lube Flow Control Valve

OE Exploded View

Rear Valve Body • UA80E Shown

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

Rear Valve Body Descriptions	
I.D. No.	Description
201	B2 One Way Check Valve
202	C1 One Way Check Valve
203	TCC Relief Valve (TCCRV)
204	Transmission Cooler Check Valve (TCCV)



Solenoid Valve Body • UA80E Shown

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

Solenoid Valve Body Descriptions	
I.D. No.	Description
301	SLU Solenoid
302	SL5 Solenoid
303	SL6 Solenoid
304	SL4 Solenoid
305	SL3 Solenoid
306	SL1 Solenoid
307	SL2 Solenoid
308	SLT Solenoid
309	SL Damper & Springs
310	SLU Accumulator
311	SL Accumulator
312	Reverse Accumulator
313	Forward Accumulator
314	STL Accumulator

