## GM 5L40-E, 5L50-E

## sonnax

#### Critical Wear Areas & Vacuum Test Locations ZP Drop-In Zip Valve<sup>™</sup> 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.

## Front Control Valve Body

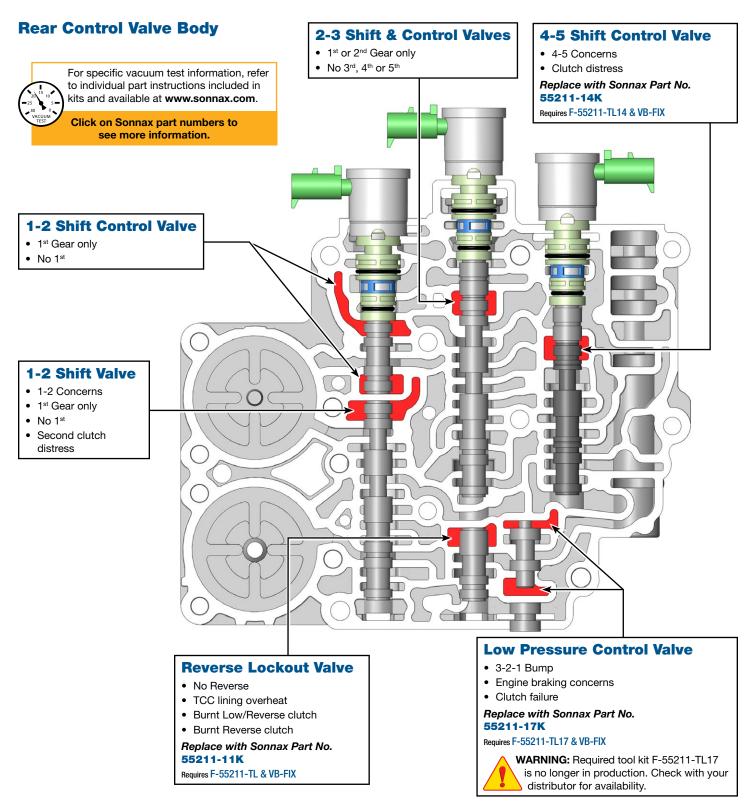


For specific vacuum test information, refer to individual part instructions included in kits and available at **www.sonnax.com**. **Click on Sonnax part numbers to see more information.** 

**TCC Regulator Valve**  Code 894, 1870
No lockup TCC slip 
No Reverse • Overheated converter · Harsh TCC apply Replace with Sonnax Part Nos. 55211-04K .437" Dia. Balance Spool or .476" Dia. Balance Spool 55211-24K 55211-04K Requires F-55211-TL4 & VB-FIX **AFL Valve** • 2nd Gear starts • Gear ratio codes • Low line pressure • TCC slip • No 4th or 5th • Forward clutch distress OD clutch distress • Coast clutch • distress Replace with Sonnax Part No. 55211-01K Requires F-55211-TL & VB-FIX **3-4 Shift Control Valve** • 3-4 Flare Clutch distress Replace with Sonnax Part No. 55211-14K Requires F-55211-TL14 & VB-FIX **Safety Mode Valve** • 1-2 Bind-up Clutch distress Replace with Sonnax Part No. 55211-14K Requires F-55211-TL14 & VB-FIX

# Critical Wear Areas & Vacuum Test Locations ZP 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.

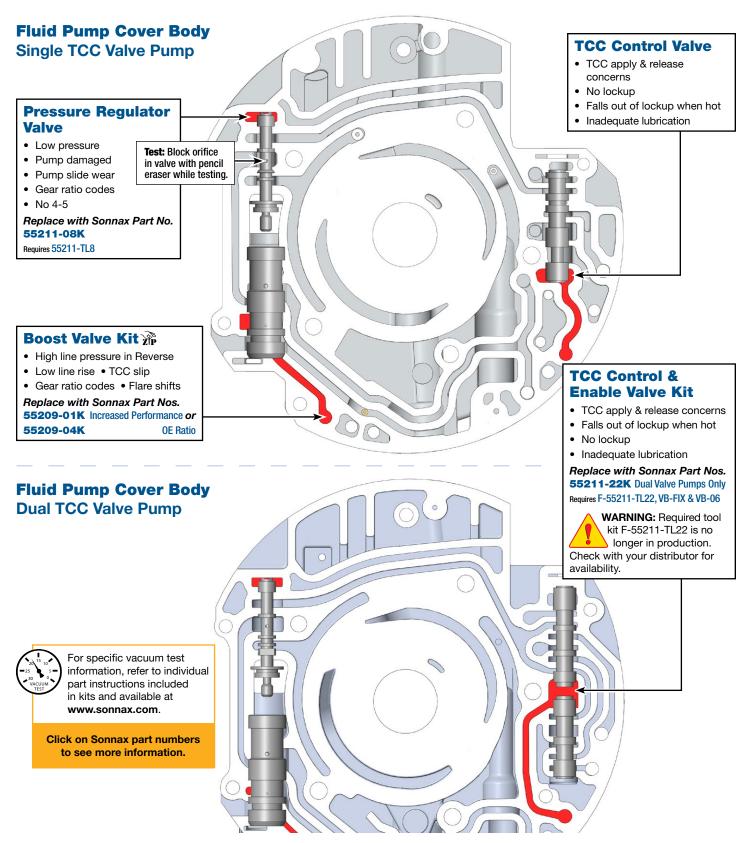


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## GM 5L40-E, 5L50-E

#### Critical Wear Areas & Vacuum Test Locations ZP Drop-In Zip Valve<sup>™</sup> 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.



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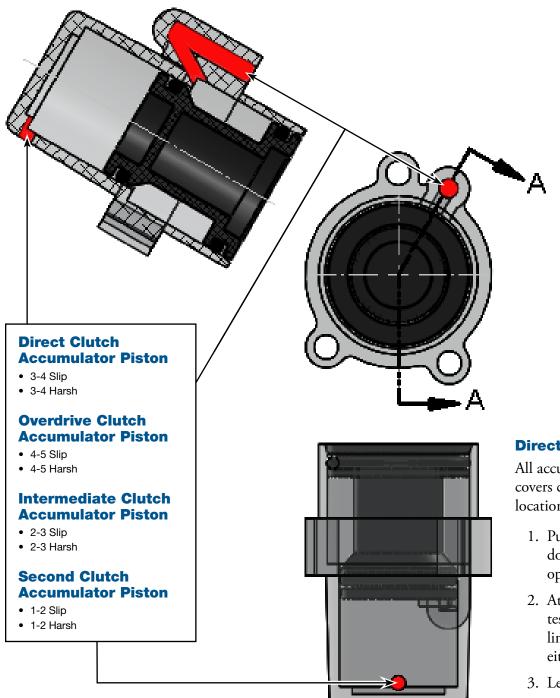
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## GM 5L40-E, 5L50-E

#### Drop-In Zip Valve<sup>™</sup> Critical Wear Areas & Vacuum Test Locations ZP 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.

### Accumulator Pistons



#### **Directions:**

All accumulator pistons and covers can be checked at either location indicated.

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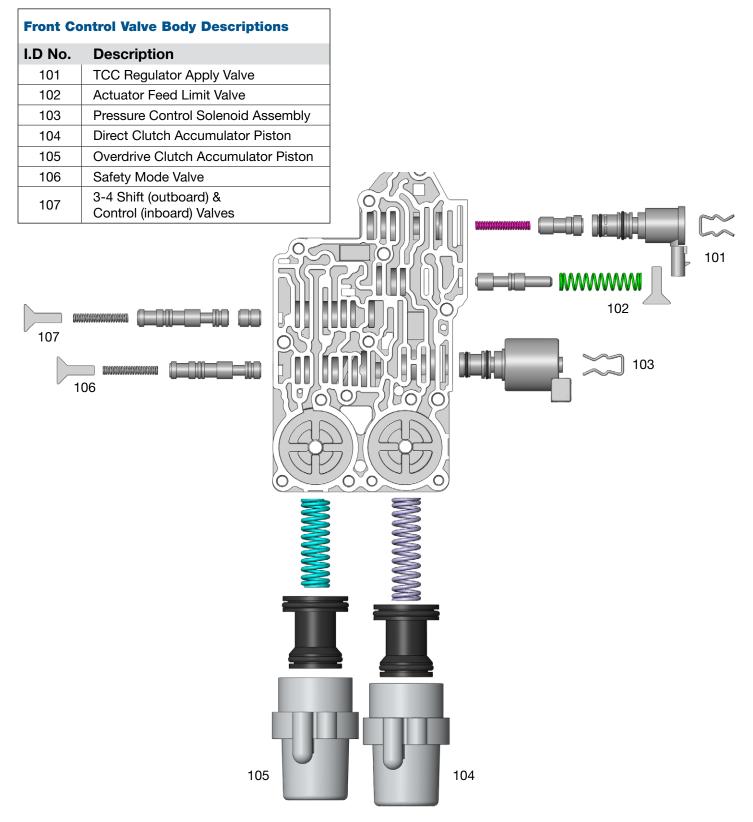
- 1. Pull accumulator piston down until flush with cover opening as illustrated.
- 2. Attach appropriately sized testing tip to vacuum test line and apply vacuum to either port.
- 3. Leave port not being tested unblocked while testing the other port.

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## **OE Exploded View**

### **Front Control Valve Body**

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



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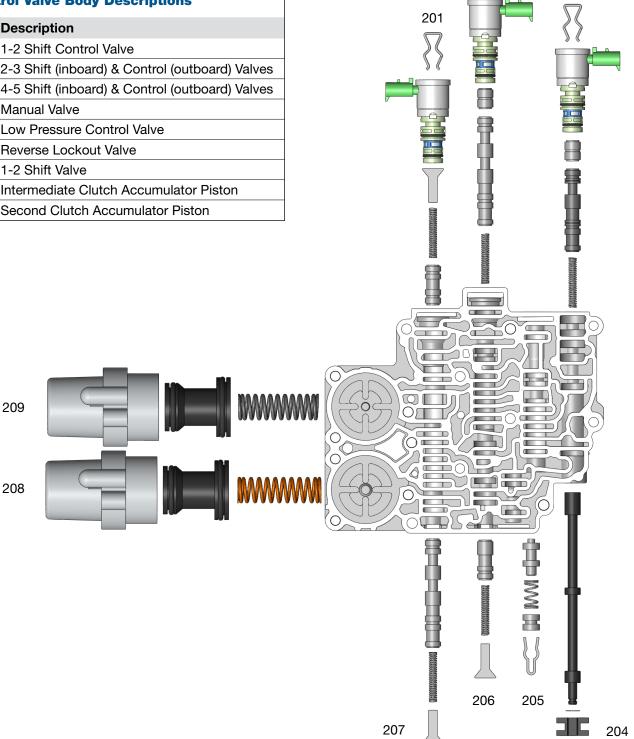
202

## **OE Exploded View**

### **Rear Control Valve Body**

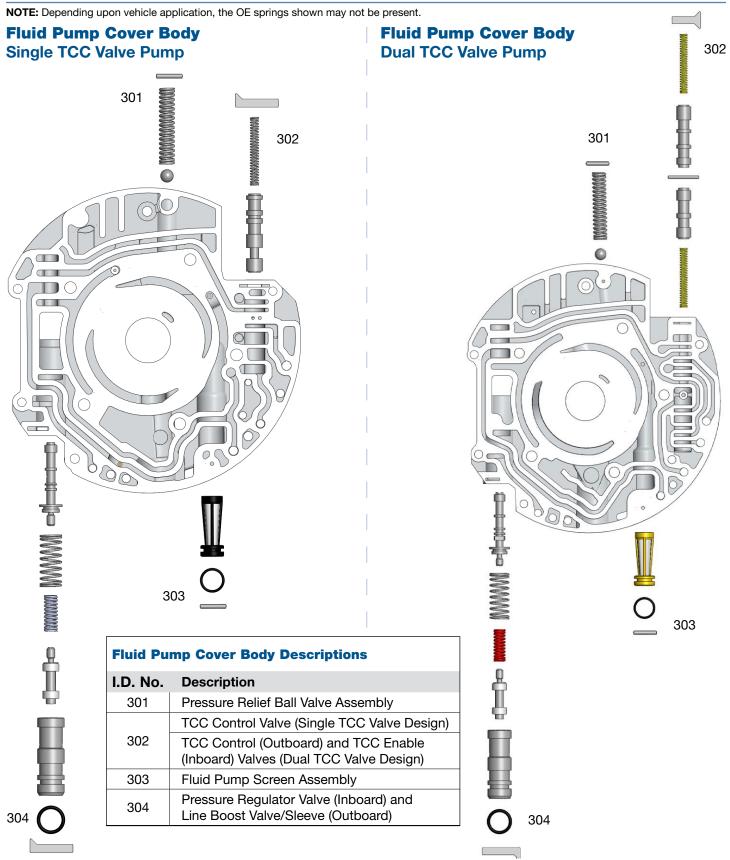
NOTE: Depending upon vehicle application, the OE springs shown may not be present.

<b>Rear Control Valve Body Descriptions</b>	
I.D. No.	Description
201	1-2 Shift Control Valve
202	2-3 Shift (inboard) & Control (outboard) Valves
203	4-5 Shift (inboard) & Control (outboard) Valves
204	Manual Valve
205	Low Pressure Control Valve
206	Reverse Lockout Valve
207	1-2 Shift Valve
208	Intermediate Clutch Accumulator Piston
209	Second Clutch Accumulator Piston



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## **OE Exploded View**



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