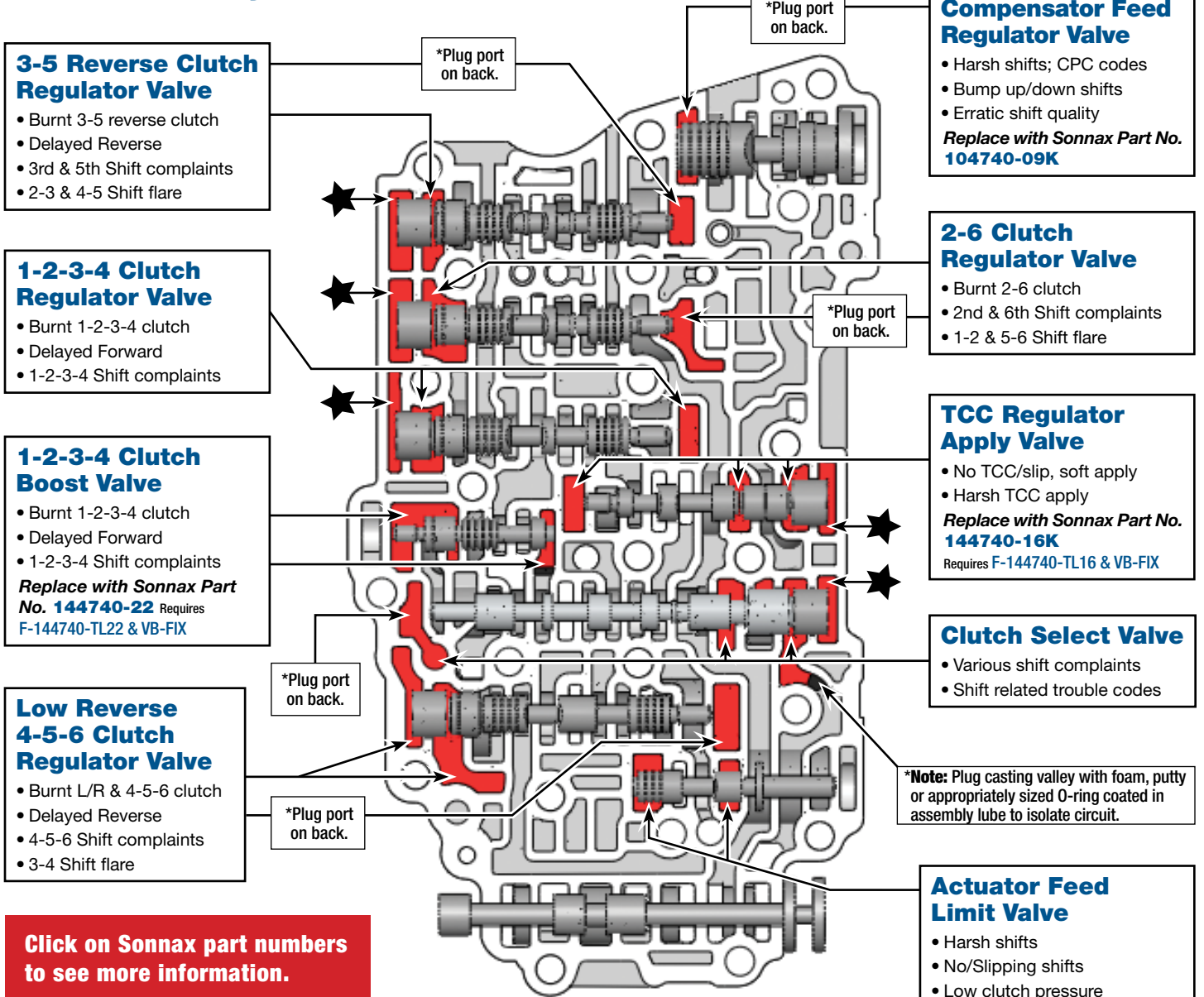




# Critical Wear Areas & Vacuum Test Locations

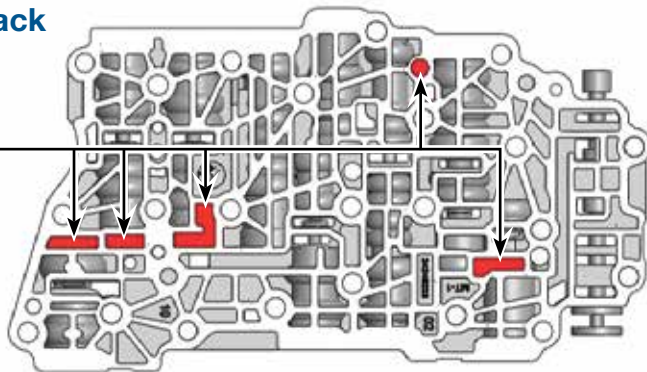
**NOTE:** OE valves are shown in rest position and should be tested in rest position unless otherwise indicated. Test locations are pointed to with an arrow. Springs are not shown for visual clarity. Low vacuum reading indicates wear.

## Control Valve Body – Front • Gen. 1 6T40 Shown



## Control Valve Body – Back Gen. 1 6T40 Shown

\*Plug these ports (as noted above) while vacuum testing.



**O-Ringed End Plugs**

- Burnt clutches/brakes
- Various shift complaints

**NOTE:** : Vacuum test end plugs at outboard port while sealing bore opening with thumb.

**Replace with Sonnax Part No. 144740-02K**  
**NOTE:** Several Locations = ★

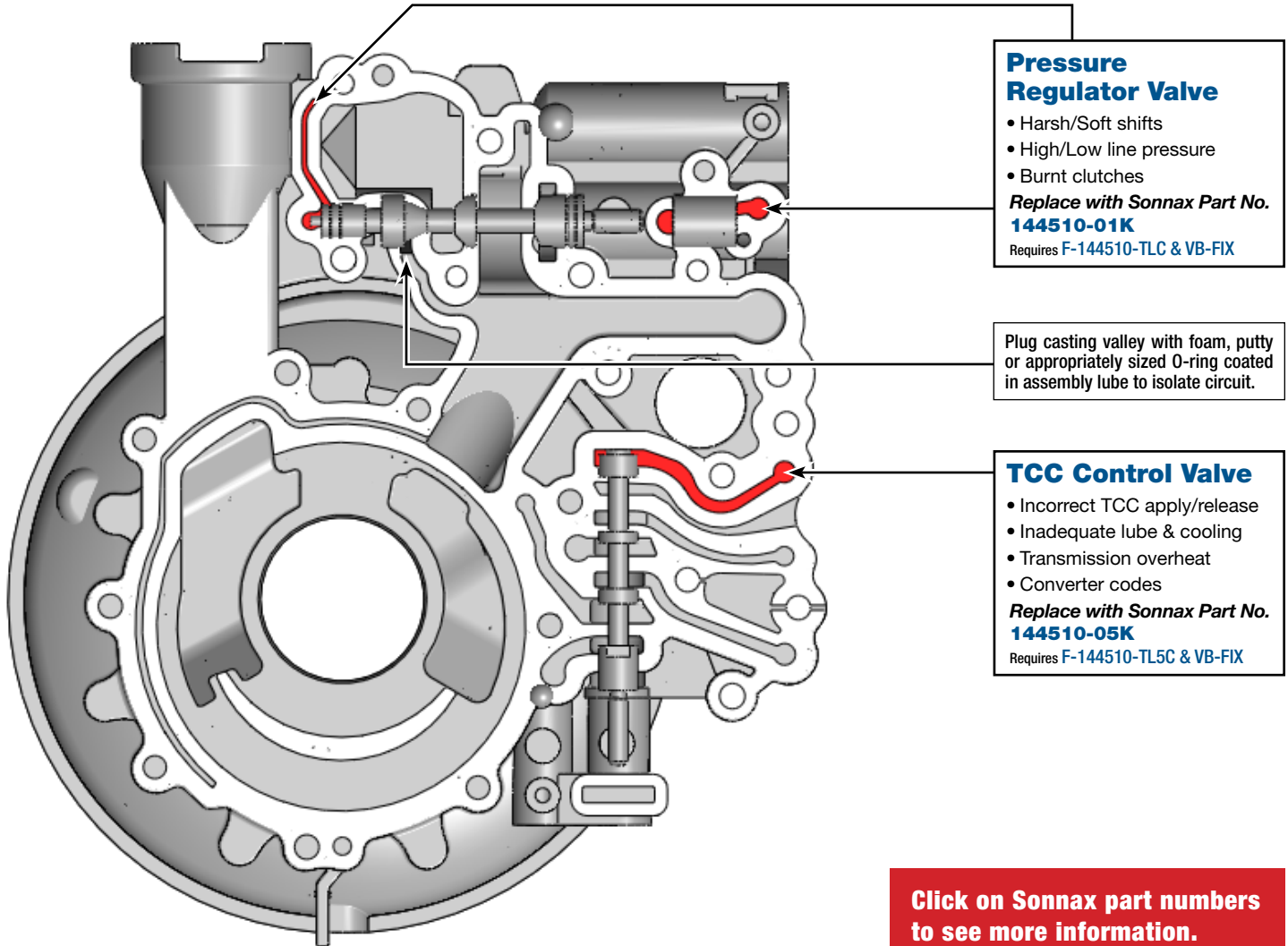


# Critical Wear Areas & Vacuum Test Locations



**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.

## Pump Body • Gen. 1 6T40 Shown

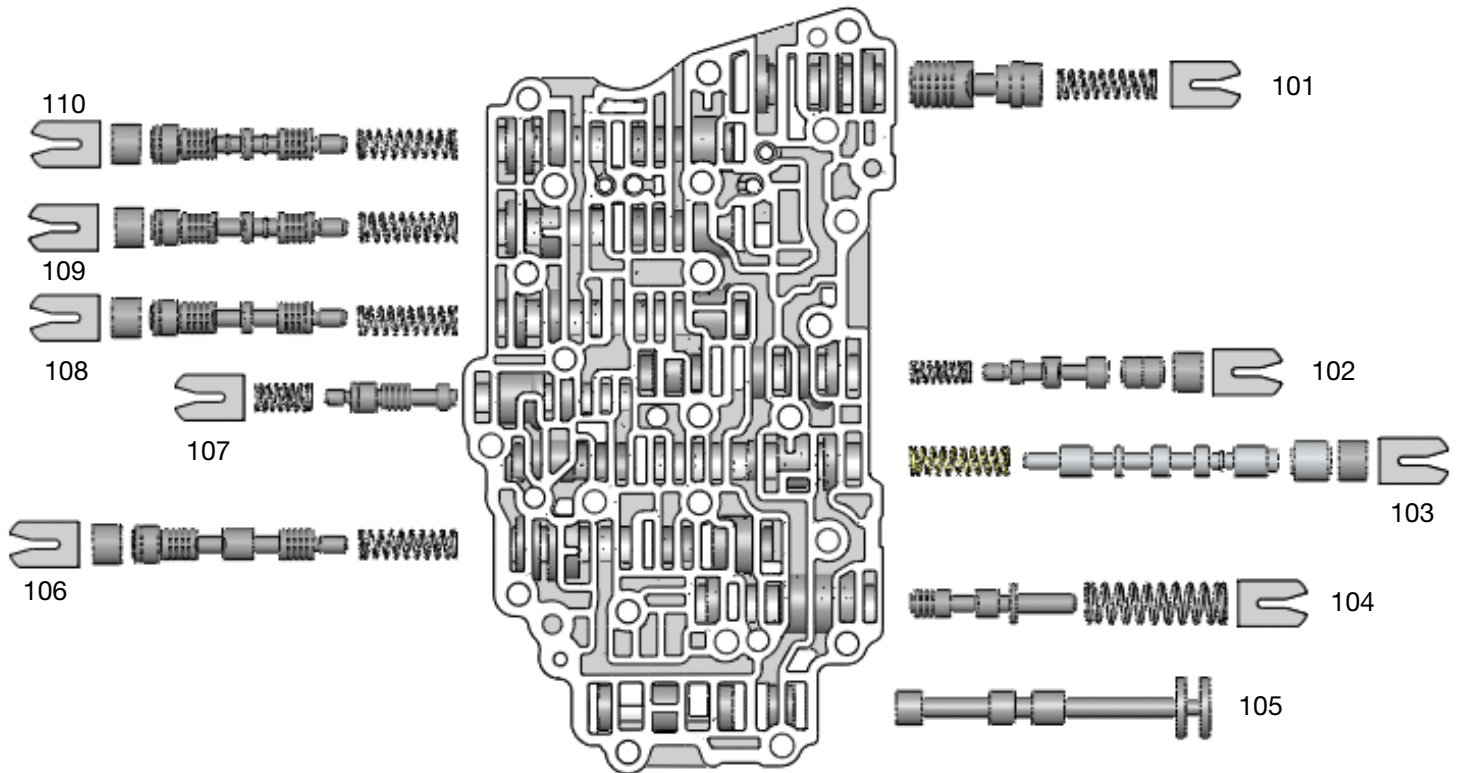




## OE Exploded View

### Control Valve Body • Gen. 1 6T40 Shown

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



#### Control Valve Body Descriptions

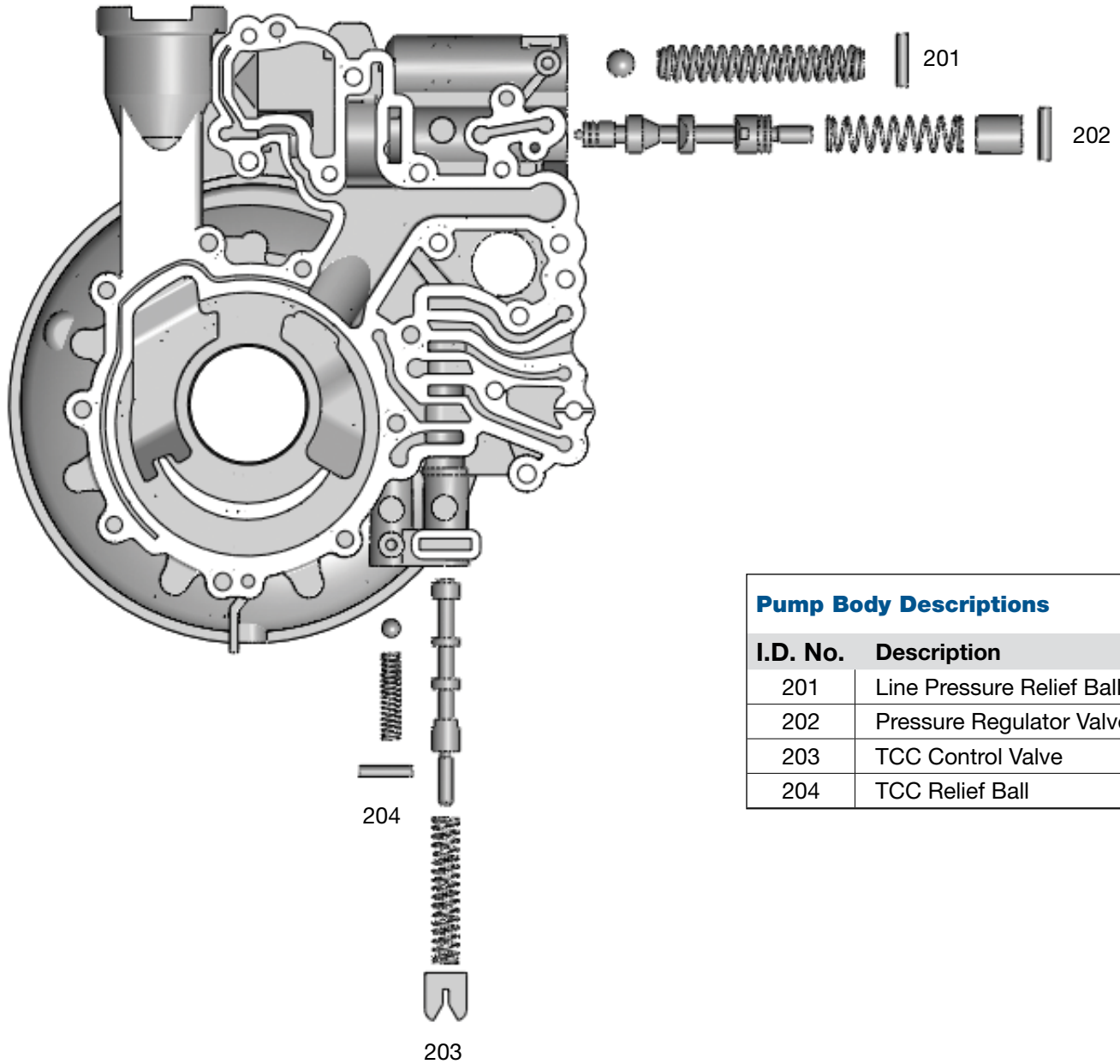
I.D. No.	Description
101	Compensator Feed Limit Valve
102	TCC Regulator Apply Valve
103	Clutch Select Valve (inboard) Shuttle Valve (outboard)
104	Actuator Feed Limit Valve
105	Manual Valve
106	Reverse & 4-5-6 Clutch Regulator Valve
107	1-2-3-4 Clutch Boost Valve
108	1-2-3-4 Clutch Regulator Valve
109	2-6 Clutch Regulator Valve
110	3-5 Reverse Clutch Regulator Valve



## OE Exploded View

### Pump Body • Gen. 1 6T40 Shown

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



#### Pump Body Descriptions

I.D. No.	Description
201	Line Pressure Relief Ball
202	Pressure Regulator Valve
203	TCC Control Valve
204	TCC Relief Ball