



Service Bulletin

Bulletin No.: 18-NA-054

Date: August, 2020

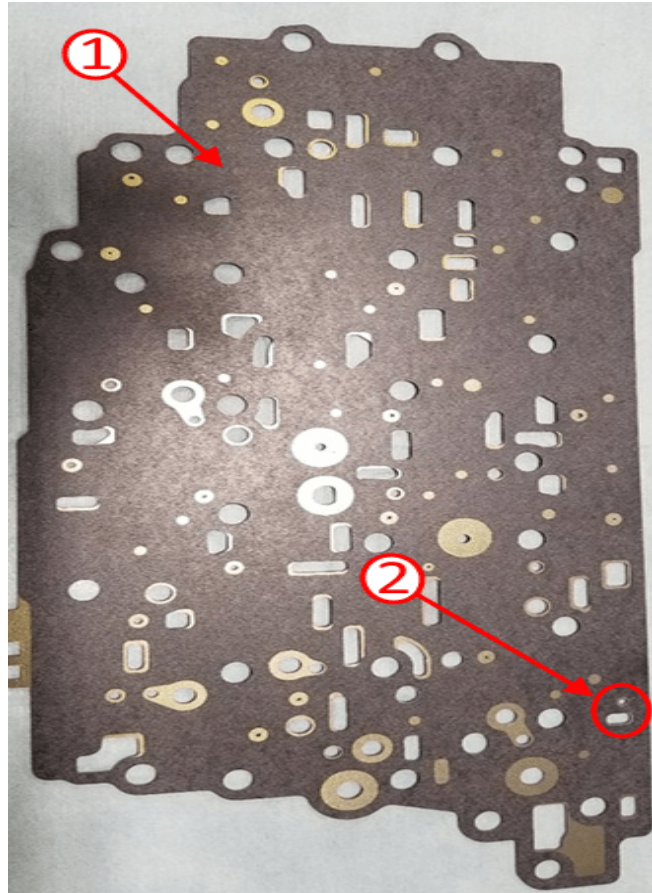
TECHNICAL

Subject: Momentary Sharp Deceleration During 1-2 Upshift or a Momentary Neutral During 2-4 Upshift, Transmission Stuck in 2nd Gear (fluid below 32°F), Malfunction Indicator Lamp (MIL) Illuminated - DTC P2820 and/or P2821 Set During Cold Ambient Temperatures

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Enclave	2018	2018	SOP	Sept. 28, 2017	—	Automatic 9T65 (M3W)
	LaCrosse						Automatic 9T65 (M3W), 9T60 (M3G)
GMC	Terrain						Automatic 9T50 (M3H), 9T45 (M3U)

Involved Region or Country	North America, Middle East
Condition	Some customers may comment on one or more of the following conditions when the vehicle is cold: • The MIL is illuminated. • During warm-up (fluid below 0°C (32°F), a stumble or lag during the 1-2 upshift; as if the brakes were applied momentarily. ⇒ This can also occur during a Manual 1 to Manual 2 upshift. • During warm operation, a momentary neutral during the 2-4 upshift and then be stuck in 2nd gear. The technician may find the following: • DTC P2820 and/or P2821 set after 3 consecutive failures during the same key cycle. • The transmission will be limited to 1st gear operation.

Cause



4885522

This condition may be caused by the spacer plate (1), located between the valve body and the transmission case, containing an undersized orifice (2).

⇒ The consequence is the clutch select moves slowly to release the selectable one way clutch, which causes a momentary transmission tie up during the 1-2 upshift.

Correction	Inspect the valve body spacer plate orifice for proper size and replace as necessary following current SI instructions.  4885518 • If the hole is 0.5 mm, replace the spacer plate.  4885520 • If the hole is 2.0 mm, refer to SI for further diagnostics.
-------------------	---

Service Procedure

Refer to *Control Valve Body Plate Disassemble* located in the *Control Valve Body Assembly Disassemble* in SI.

Parts Information

Causal Part	Description	Part Number	Qty
X	PLATE, C/VLV BODY SPCR (9T50 (M3H), 9T45 (M3U), 9T60 (M3G))	24292010	1
X	PLATE, C/VLV BODY SPCR (9T65 (M3W))	24292011	1
	Fluid, Transmission	Refer to the Electronic Parts Catalog (EPC).	

Warranty Information

Note: Only use the Labor Operation number that coincides with the repair performed.

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
8480648*	Control Valve Body Assembly Disassemble	3.2 hrs (LaCrosse, Terrain)
		4.8 hrs (Enclave)
Add	To Recover and Recharge R-1234yf A/C System	1.2 hrs (Enclave)
Add	To Recover and Recharge R-134a A/C System	0.3 hr (Enclave)
*This is a unique Labor Operation for bulletin use only.		

Version	4
Modified	Released February 20, 2018 April 3, 2018 – Added DTC P2821 to Subject and Condition. December 17, 2018 – Added transmission RPOs to Parts Information Description. August 18, 2020 – Updated the Warranty Information.