

GM 9T60/9T65
MOMENTARY NEUTRAL

COMPLAINT: A 2018 Buick Enclave, LaCrosse or a GMC Terrain equipped with the 9T60 (RPO M3W) or 9T65 (RPO M3G) may have a complaint of a momentary sharp deceleration during a 1-2 upshift or a momentary neutral condition during a 2-4 upshift with the transmission stuck in second gear. The Malfunction Indicator Lamp (MIL) is illuminated and diagnostic trouble codes P2820 "Transmission Control Solenoid 9 Stuck Off" or P2821 "Transmission Control Solenoid 9 Stuck On" is set during cold ambient temperatures.

CAUSE: These complaints are caused by the spacer plate located between the valve body and the transmission case containing an undersized orifice, refer to figure 1. The undersized orifice causes the clutch select valve to move too slowly which results in a delay to release the selectable one-way clutch which causes a momentary transmission tie-up during the 1-2 shift and a momentary neutral condition on the 2-4 upshift.

CORRECTION: Inspect the valve body spacer plate orifice shown in figure 1 for proper sizing. If the orifice is 0.5mm, replace the spacer plate using the part number listed under "Service Information". The updated spacer plate will have an orifice that measures 2.0mm as shown in figure 2

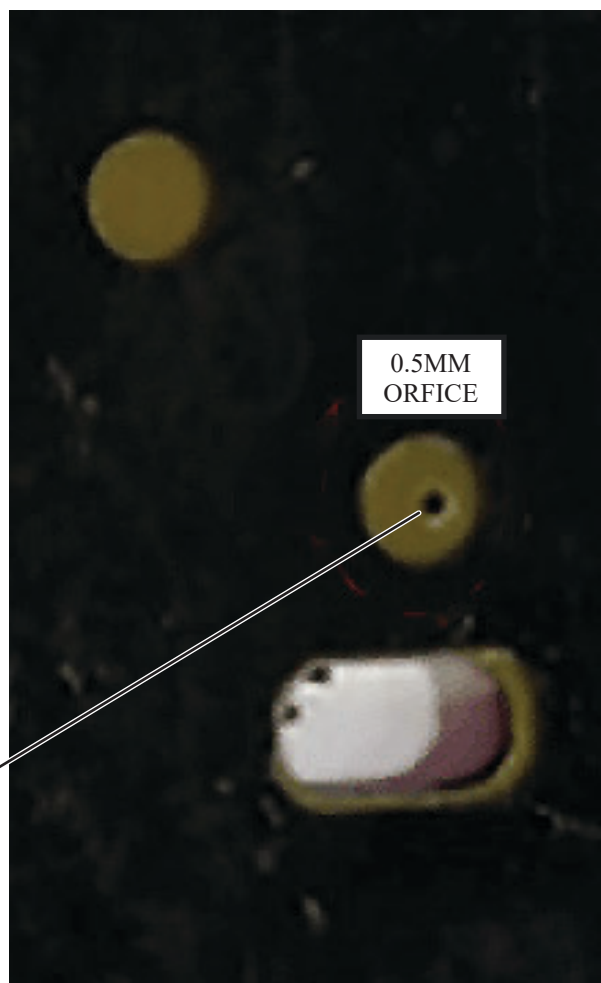
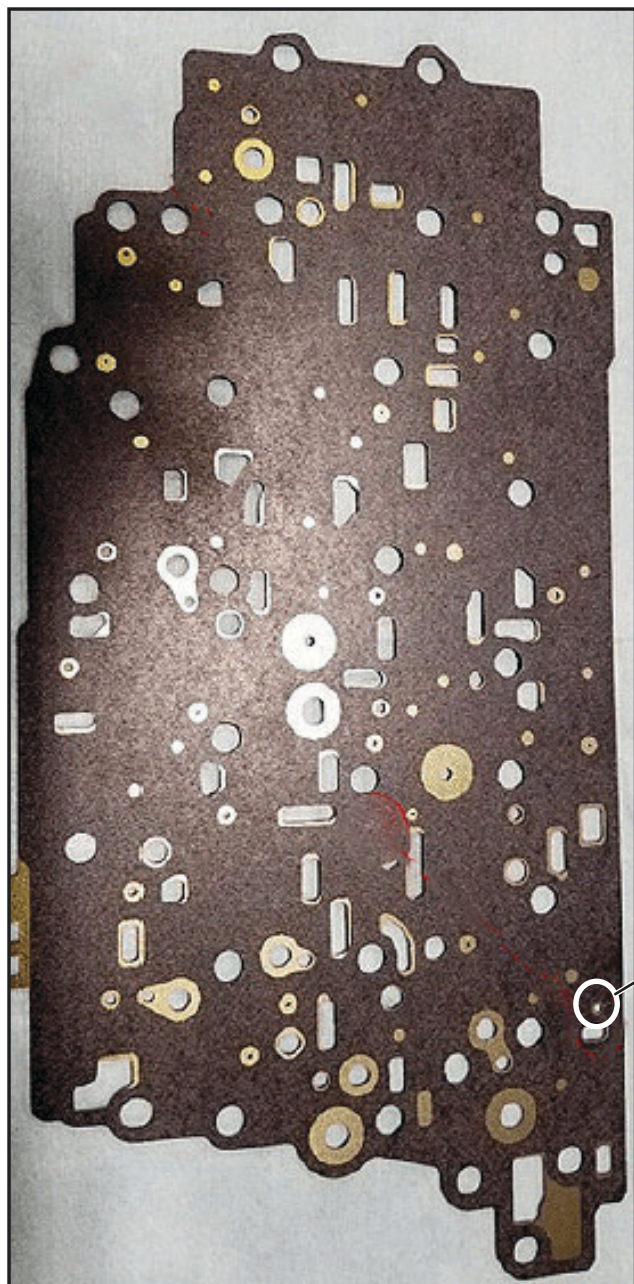
SERVICE INFORMATION:

Valve Body To Transmission Case Spacer Plate With 2.0MM Orifice.....24292010
Updated spacer plate part number listed is for the 9T45, 9T50 and 9T60

Valve Body To Transmission Case Spacer Plate With 2.0MM Orifice.....24292011
Updated spacer plate part number listed is for the 9T65

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VALVE BODY TO TRANSMISSION CASE SPACER PLATE

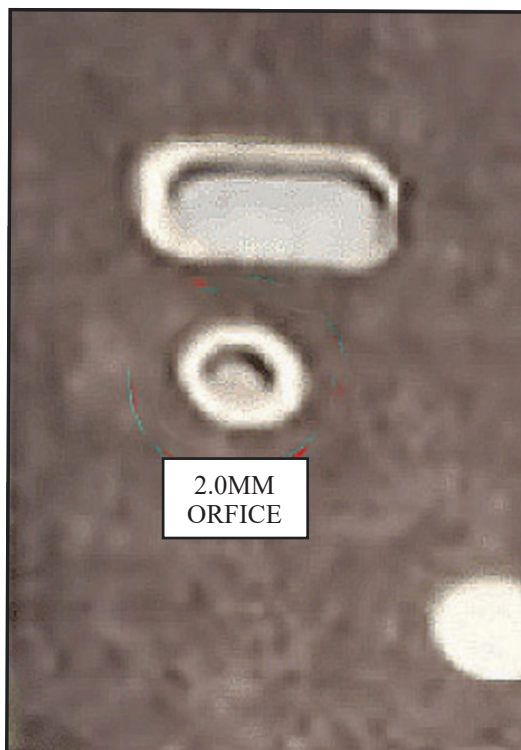


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Figure 1

**GM 9T60/9T65
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VALVE BODY TO TRANSMISSION CASE SPACER PLATE



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Figure 2