



Technical Service Information

GM 9T45 SERIES TRANSMISSIONS

ROTATIONAL CLICKING NOISE AFTER ENGINE SHUTDOWN

COMPLAINT: GM vehicles equipped with the 9T45/50/60/65 family of transmissions will have a complaint of a rotational clicking noise that is heard after the engine is shut off. The noise appears to be coming from the transmission. The loudness and length of time of the noise may vary per vehicle.

CAUSE: The Transmission Control Module is keeping the power-mode alive in “Accessory” for an extended time period after the engine is shut off. In addition the line pressure solenoid is staying in “Dither Mode Control” when there is no fluid pressure causing the High Side Driver and Solenoid Assembly to buzz.

CORRECTION: This is a design characteristic. No repairs should be attempted.

SERVICE INFORMATION:

The vehicles currently affected can be found in the chart below.

BRAND	MODEL	MODEL YEAR		VIN		ENGINE	TRANSMISSION
		FROM	TO	FROM	TO		
BUICK	ENCLAVE	2018	2019	ALL	ALL	ALL	M3W = 9T65
BUICK	ENVISION	2018	2019	ALL	ALL	ALL	M3T = 9T60
BUICK	LACROSSE	2018	2019	ALL	ALL	ALL	M3G = 9T60
BUICK	REGAL	2018	2019	ALL	ALL	ALL	M3D = 9T50
BUICK	REGAL	2018	2019	ALL	ALL	ALL	M3T = 9T60
CADILLAC	XT4	2019	—	ALL	ALL	ALL	M3H = 9T50
CHEVROLET	BLAZER	2019	—	ALL	ALL	ALL	M3D = 9T50
CHEVROLET	BLAZER	2019	—	ALL	ALL	ALL	M3V = 9T65
CHEVROLET	CRUZE	2017	2019	ALL	ALL	ALL	M3D = 9T50
CHEVROLET	EQUINOX	2018	2019	ALL	ALL	ALL	M3D = 9T50
CHEVROLET	MALIBU	2017	2019	ALL	ALL	ALL	M3E = 9T50
CHEVROLET	TRAVERSE	2018	2019	ALL	ALL	ALL	M3V = 9T65
GMC	TERRAIN	2018	2019	ALL	ALL	ALL	M3H = 9T50
GMC	TERRAIN	2018	2019	ALL	ALL	ALL	M3U = 9T45

Figure 1