



Service Bulletin

Bulletin No.: 22-NA-218

Date: January, 2025

INFORMATION

Subject: Information on General Motors 6.2L Normal Engine Noise Concerns

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission :
		from	to	from	to		
Cadillac	Escalade Models	2019	2025				
Chevrolet	Silverado 1500 (New Model)	2019	2019			L87, L8T	
	Silverado LD	2019	2019				
	Silverado 1500	2020	2021				
	Silverado 1500 - LTD (RPO J21, VIN Digit 5 = W/Y)	2022	2022				
	Silverado 1500 - New (RPO J22, VIN Digit 5 = A)						
	Silverado 1500	2023	2025				
	Silverado 2500HD/3500HD	2020					
	Suburban	2019					
Tahoe	2019						
GMC	Sierra 1500 (New Model)	2019	2019				
	Sierra Limited	2019	2019				
	Sierra 1500	2020	2021				
	Sierra 1500 - Limited (RPO J21, VIN Digit 5 = 8/9)	2022	2022				
	Sierra 1500 - New (RPO J22, VIN Digit 5 = H/U)						
	Sierra 1500	2023	2025				
	Sierra 2500HD/3500HD	2020					
	Yukon Models	2019					

Involved Region or Country	North America, Europe, Uzbekistan, Russia, Middle East, Iraq, Israel, Palestine, Argentina (Mercosur), Brazil (Mercosur), Bolivia (West), Chile (West), Colombia (West), Ecuador (West), Paraguay (West), Peru (West), Uruguay (West), Venezuela (West), Japan, Cadillac Korea (South Korea), GM Korea Company, China - SGM, Thailand (ASEAN), Australia/New Zealand, Other Africa
Condition	Some customers may comment that they hear different noises coming from the engine compartment area or under vehicle which they may think are abnormal and may request clarification of what is causing the noise. The noises may be described as a chirp, squeak, or sputter type noise.
Information	High pitched noise described as chirp, squeak, sputter. Typically, these noises occur when spark timing is retarded. These noises are much more noticeable on the 6.2L L87 and 6.6L L8T engines as than are on the 5.3L engines. These noises can typically be heard outside the vehicle or with windows down. Noises will come from underneath the vehicle in the wheel well/front door area. Being next to a reflecting surface such as a wall, guardrail or vehicle in next lane will make the noise more noticeable.

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

Additional Information

There are 4 different types of noise that a customer may notice. Not all vehicles will exhibit all the noises. Refer to the table below to see what noises may be noticeable per model year and RPO.

1. Catalyst Light Off - Occurs on start when spark retard required for catalyst rapid warm up. Lasts approx. 30 sec. Catalyst rapid warm up is not triggered on all starts. Truck generally must have sat for an hour or more.
2. Engine Restart - Engine Restart following complete engine shutdown coasting down through approximately 14 MPH (22 km/h). This noise will only last for about 1 second. Spark retarded to prevent engine overspeed/torque bump.
3. Auto-Start - following start/stop engine shutdown. The noise will last for less than a second at the end of the auto-start. Spark retarded to prevent engine overspeed/torque bump.
4. Throttle Blip - Light throttle blip in park/neutral. This is rarely noticed and may be hard to produce. Spark retarded to prevent engine overspeed.

Important: Dealers should not attempt to compare any customer vehicles exhibiting these noises with other similar vehicles as the noise is different from vehicle to vehicle and this may lead to the incorrect conclusion that the vehicle has a condition. These noises are a normal operating characteristic of the engine. These noises have no short- or long-term effect on the engine. Do not attempt repairs for these noises.

Important: Replacing the engine or internal components for this noise will not reduce or eliminate the noise.

Please communicate to the customer that the engine is functioning as designed and these are normal conditions of their vehicle. Please share this information with the customer, including a copy of this message.

Version	2
Modified	Released October 31, 2022 Revised January 08, 2025 - Added 2024 and 2025 Model Years.

