



Service Bulletin

Bulletin No.: 18-NA-235

Date: January, 2022

INFORMATION

Subject: Information on Surge, Chuggle, Misfire, Fishbite, Shudder Feel During Driving Maneuvers

Attention: This bulletin applies to Vehicles equipped with Engine RPO 5.3 (L83) (L84), 6.2 (L86) and Transmission RPO 8L90 (M5U) (M5X) (MQE).

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	Escalade Models	2015	2017			6.2 (L86)	8L90 (M5U)
Chevrolet	Silverado	2015	2018			5.3 (L83), 6.2 (L86)	8L90 (M5U) (M5X)
	Silverado 1500 (New Models)	2019	2021			5.3 (L84)	8L90 (MQE)
	Silverado 1500 - (LTD, RPO J21, 12th VIN Digit = 4 or less)	2022	2022				
	Silverado 1500 - (RPO J22, 12th VIN Digit = 5 or greater)						
	Suburban	2019	2020			5.3 (L83), 6.2 (L86)	8L90 (M5U)
	Tahoe	2018	2020			5.3 (L83), 6.2 (L86)	8L90 (M5U)
GMC	Sierra	2015	2018			5.3 (L83) (L84), 6.2 (L86)	8L90 (M5U) (M5X) (MQE)
	Sierra 1500 (New Models)	2019	2021			5.3 (L84)	8L90 (MQE)
	Sierra 1500 - (Limited, RPO J21, 12th VIN Digit = 4 or less)	2022	2022				
	Sierra 1500 - (RPO J22, 12th VIN Digit = 5 or greater)						
	Yukon Models	2015	2017			6.2 (L86)	8L90 (M5U)

Involved Region or Country	North America, Saudi Arabia, Peru, Ecuador, Albania, Chile
Condition	<p>Some customers may comment on a surge, chuggle, misfire, fishbite, shudder concern while traveling under the following conditions:</p> <ul style="list-style-type: none"> • Steady road speed between approximately 35 and 55 mph (56–89 km/h) • TCC applied • Light steady throttle conditions • TCC slip is steady (10 – 25 rpm)

Information	<p>Test drive and verify the customer concern for surge, chuggle, misfire, fishbite, and/or shudder.</p> <ul style="list-style-type: none"> • Monitor TCC slip speed with GDS to ensure that it is steady between approximately 10 - 25 rpm. <p>Note: Slip should not increase and fall back to 0 and get into cycling pattern. This condition would be considered TCC shudder.</p> <p>⇒ Follow published SI diagnostics if TCC shudder is present.</p> <ul style="list-style-type: none"> • Monitor engine misfires with GDS to ensure no misfires are being generated. <p>⇒ Follow published SI diagnostics if misfires are present.</p> <p>If the vehicle is equipped with a 6.2 (L86) engine, premium fuel is recommended while Top Tier fuel is preferred. Using regular 87 octane fuels may increase the intensity level of described condition.</p> <p>If TCC slip is steady and there are no misfires, the condition should be considered characteristic of the vehicle and no repairs should be attempted. Comparing the customers vehicle to a known good unit may help confirm the condition.</p>
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Parts Information

No parts are required for this repair.

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4086368*	Road Test and Operation Confirmation	0.3 hr
*This is a unique Labor Operation for Bulletin use only.		

Version	4
Modified	<p>Released July 20, 2018</p> <p>Revised August 08, 2018 - Added Suburban and Tahoe.</p> <p>Revised September 10, 2018 - Add Warranty Information, Add 2019 year and remove 10 speed transmission information.</p> <p>Revised January 21, 2022 - Added 2020, 2021 and 2022 to Model Year.</p>

