

Service Bulletin

TECHNICAL

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

Attention: This bulletin applies to Vans and Heavy Duty Pickups/Chassis Cab Vehicles equipped with Engine RPO L96 (6.0L) and Transmission RPO MYD (6L90).

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Express	2016	2020				
	Silverado	2016	2018				
	Silverado 1500 LD	2019	2019				
	Silverado 2500/3500	2019	2019				MYD
GMC	Savana	2016	2020		-	6.0L (L96)	
	Sierra	2016	2018				
	Sierra 1500 Limited	2019	2019				
	Sierra 2500/3500	2019	2019				

Involved Region or Country	North America and N.A. Export Markets		
	Some customers may comment on a surge, chuggle, misfire, fishbite, shudder concern while traveling under the following conditions:		
Condition	Steady road speed between approximately 30 - 40 mph (48 - 64 km/h)		
Condition	TCC applied		
	Light steady throttle conditions		
	 TCC slip is steady (0 - 20 rpm) 		
Course	This condition may be caused by reduced TCC slip rate calibration intended to reduce converter wear under heavy load conditions.		
Cause	⇒ Engine combustion instability under low rpm/high load conditions may be felt in the passenger compartment.		
	Test drive and verify the customer concern for surge, chuggle, misfire, fishbite, and/or shudder.		
	 Monitor TCC slip speed with GDS to ensure that it is steady between approximately 0 – 20 rpm. 		
	Note: Slip should not increase, fall back to 0 and get into cycling pattern. This condition would be considered TCC shudder.		
Information	⇒ Monitor engine misfires with GDS to ensure engine misfires are not being generated.		
	⇒ Refer to PIP 5504F for diagnosis if TCC shudder is present.		
	⇒ Follow published SI diagnostics if misfires are present.		
	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.		

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	2	
Modified	Released August 14, 2018 Revised September 09, 2020 - Added 2020 Model Years to Express and Savana.	

GM bulletins are intended for use by professional technicians, NOT a "<u>do-it-yourselfer</u>". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, <u>DO NOT</u> assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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