



Service Bulletin

Bulletin No.: 18-NA-253

Date: September, 2020

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	-	-	6.0L (L96)	MYD
	Silverado	2016	2018				
	Silverado 1500 LD	2019	2019				
	Silverado 2500/3500	2019	2019				
GMC	Savana	2016	2020				
	Sierra	2016	2018				
	Sierra 1500 Limited	2019	2019				
	Sierra 2500/3500	2019	2019				

Involved Region or Country	North America and N.A. Export Markets
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 30 - 40 mph (48 - 64 km/h) TCC applied Light steady throttle conditions TCC slip is steady (0 - 20 rpm)
Cause	<p>This condition may be caused by reduced TCC slip rate calibration intended to reduce converter wear under heavy load conditions.</p> <p>⇒ Engine combustion instability under low rpm/high load conditions may be felt in the passenger compartment.</p>
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 0 - 20 rpm. <p>Note: Slip should not increase, fall back to 0 and get into cycling pattern. This condition would be considered TCC shudder.</p> <p>⇒ Monitor engine misfires with GDS to ensure engine misfires are not being generated.</p> <p>⇒ Refer to PIP 5504F for diagnosis if TCC shudder is present.</p> <p>⇒ Follow published SI diagnostics if misfires are present.</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>

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.

