



Preliminary Information

PIP5743A 2.5L LCV 6L50 MYB Rough Idle Or Vibration While In Gear After A Cold Start 800 to 1000 RPM And Or A Short Vibration At A Launch

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Colorado	2019 - 2021	All	All	LCV	MYB
GMC	Canyon	2019 - 2021	All	All	LCV	MYB

Involved Region or Country	North America
Condition	Customers may comment on a vibration at idle while the transmission is in drive or reverse at 800 to 1000 RPM. The vibration may be more noticeable in reverse and during cold starts. Some customers may comment the vehicle has a short vibration during a launch.
Cause	The cause of this concern may be internal to the torque converter.

Correction:

Using a Pico Oscilloscope Diagnostic Kit, mount the Pico Scope 3 axis vibration sensor (TA143) on the inner driver's seat track with the hole or arrow on the sensor facing towards the front of the vehicle.

Start the engine and place the vehicle in drive or reverse.

While in the service bay with the vehicle not moving with the service brake applied increase the engine speed between 800 and 1000 RPM in an attempt to duplicate the vibration. Record a 30 second time frame of data.

Review the Pico data and the data indicates an E2 vibration at 29 Hz between 1.1 mg to 12.7 mg or an E1 vibration at 14.1 Hz between 1.14 mg to 7.48 mg replace the transmission torque converter.

Parts Information

Description	Part Number	QTY
Torque Converter	24288046	1

Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
8464810	Torque Converter Replacement.	Use Publish Labor Time.

Version History

Version	2
Modified	06/24/2020 - Created on.



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