



Preliminary Information

PIP5541A Shudder Or Vibration From The Transmission

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado	2017 - 2018	All	All	L5P (6.6L)	MW7 Allison Transmission (LCT1000)
Chevrolet	Silverado 2500/3500	2019	All	All	L5P (6.6L)	MW7 Allison Transmission (LCT1000)
GMC	Sierra	2017 - 2018	All	All	L5P (6.6L)	MW7 Allison Transmission (LCT1000)
GMC	Sierra 2500/3500	2019	All	All	L5P (6.6L)	MW7 Allison Transmission (LCT1000)

Involved Region or Country	North America and North America Export Regions
Condition	Some customers may comment on any of the following conditions: A vibration, shake or shudder during light throttle acceleration between 25 and 70 mph (40 and 112 km/h) steady state driving. A shudder feeling that may be described as driving over rumble strips or rough pavement. A shudder after the 2-3 shift.
Cause	Possible engine performance issue.

Correction:

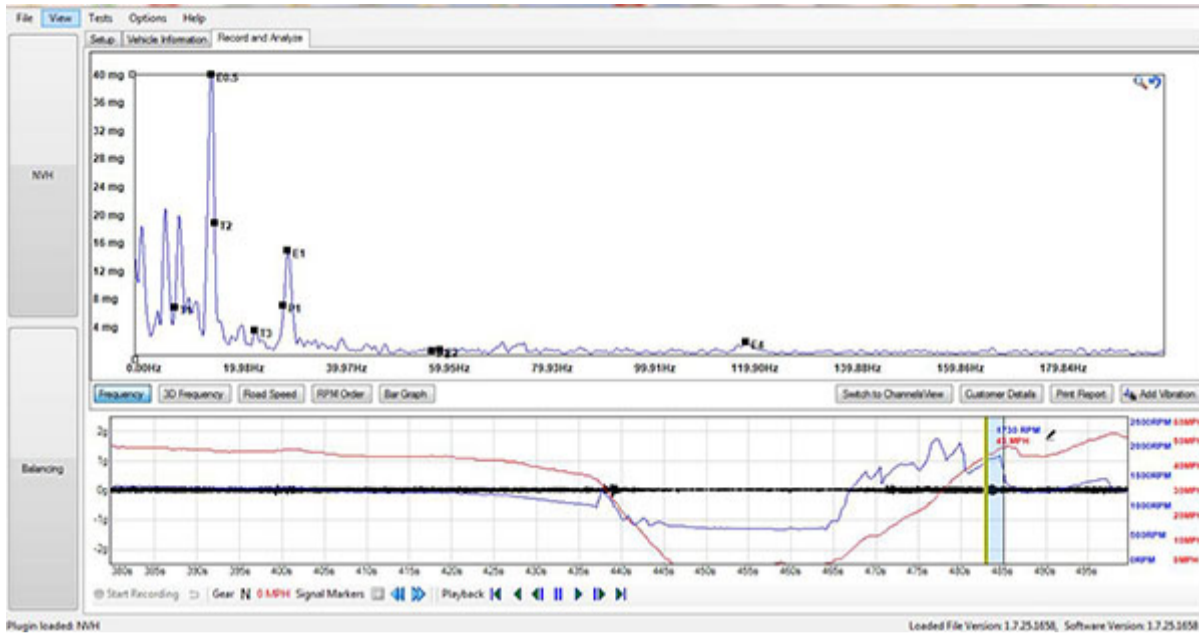
The use of the Pico scope will aid in determining if the above listed conditions are related to the engine or transmission.

Place the PICO Scope pick up on passenger seat track and drive the vehicle under the conditions that the concern can be duplicated.

Click the record button when the concern is present and save the file.

While reviewing the Pico file click the add vibration button and add E0.5.

If the Pico file shows E0.5 being the dominant disturbance as shown below the concern is not torque converter clutch shudder and may be an engine performance concern.



Additional SI Keywords

accel, accelerate, automatic, bite, chuggle, excessive, fire, fish, fish-bite, fishbite, fluctuation, fluid, hesitate, high, light, miss, miss-fire, misfire, RPM, slip, speed, strip, surge, tach, tachometer, TCC, vibrate

Version History

Version	2
Modified	01-03-2018 - Created on 03/27/2019 - Added better description of the amount of E0.5 disturbance. Added the 2019 model year.



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