



Preliminary Information

PIP5705 DFM/AFM Vibration Or Drone

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado 1500 (New Model)	2019 - 2020	All	All	5.3L 6.2L L82 L84 L87	All
GMC	Sierra 1500 (New Model)	2019 - 2020	All	All	5.3L 6.2L L82 L84 L87	All

Involved Region or Country	North America
Condition	A vehicle may have a concern of a vibration or drone around 40 MPH and 1200 RPM under a light load.
Cause	Debris in the transmission mount

Correction:

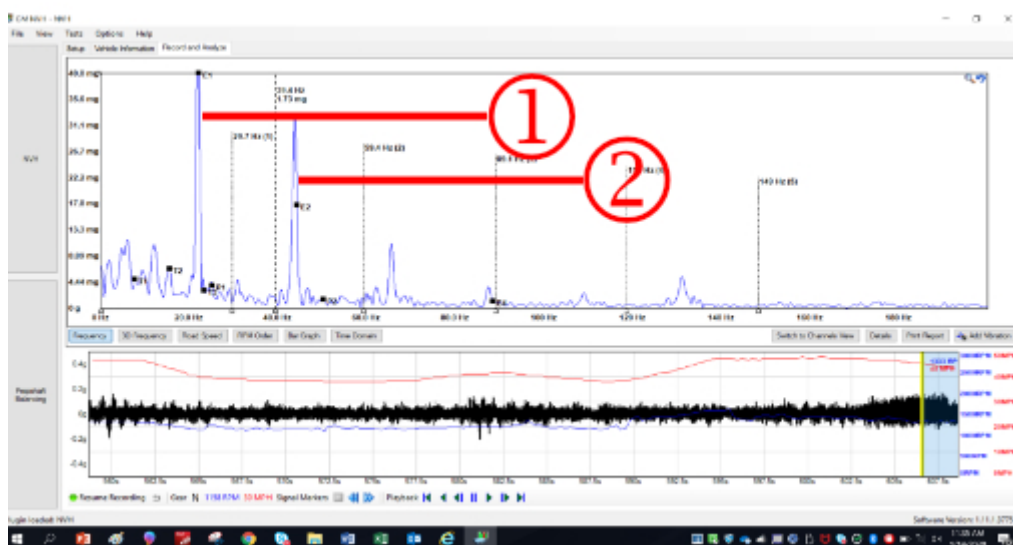
Around 1,200 RPM during active fuel management (DFM/AFM) Concern seems to get worse after driving and engine reached operating temperature.

If the vehicle was maintaining speed, engine speed and engine load while in DFM/AFM the tone of vibration can shift noticeably and amplitude would decrease slightly as different cylinders are deactivated.

A review of the PICO files recorded during the concern may indicate the following:

When vibration was first occurring there may be a large spike that aligned with E1 and E2.

After the tone shift the vibration no longer directly aligned with E1 and E2. (As seen below)

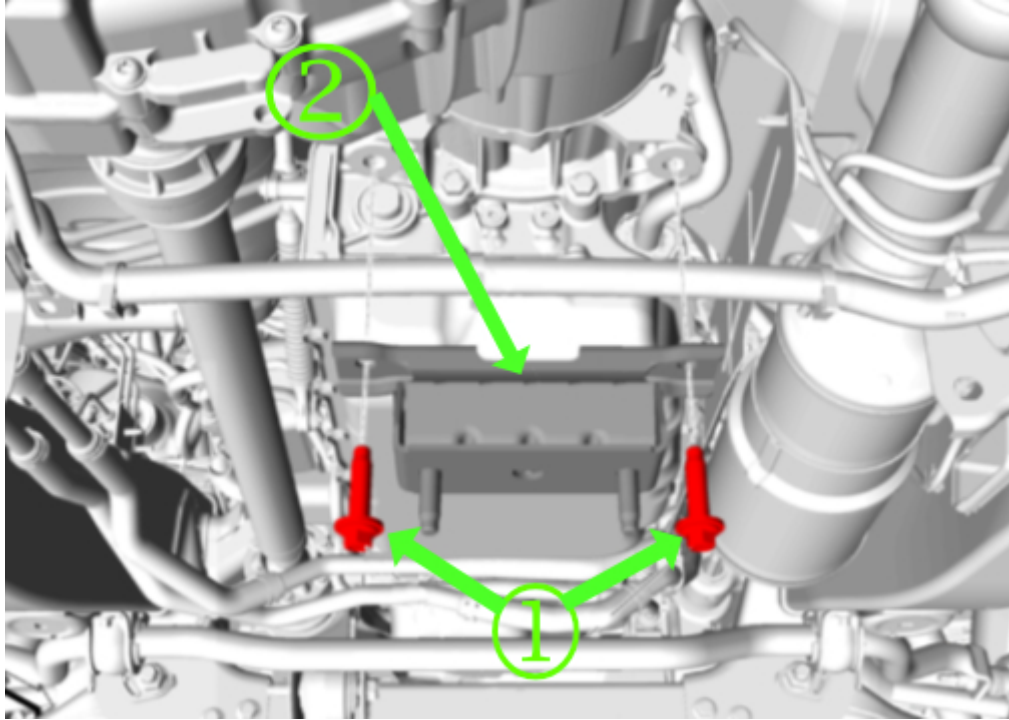


1, Show the E1 spike

2, Is the E2 spike



The above shows the change in the vibration.



If this type of vibration is found remove and inspect the transmission mount for debris.

If debris is found, clean the mount, reinstall and evaluate for the concern.

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
8464270	Transmission Mount Replacement	0.5 Hr .
*This is a unique Labor Operation for Bulletin use only.		

Version History

Version	1
Modified	01/24/2020 - Created on



GENERAL MOTORS