



## Preliminary Information

### PIP5796 Engine Compartment Tick or Rattle Noise From Purge Solenoid Resonance Through PCV Tube

#### Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Enclave	2020 - 2021	All	All	3.6 LFY	All
Chevrolet	Traverse	2020 - 2021	All	All	3.6 LFY	All

Involved Region or Country	North America
Condition	<b>Some customers may comment that they notice a loud ticking or rattle noise coming from the engine compartment area. Upon inspection technician may notice the noise coming from the purge solenoid tube.</b>
Cause	<b>This condition may be caused by pressure pulsations in the purge tube when the purge solenoid is commanded on. These pulsations create an audible rattle/tick noise which can be heard inside or outside the vehicle.</b>

#### Correction:

**To correct this condition, verify the noise is coming from the purge tube by commanding the purge solenoid on and off.**

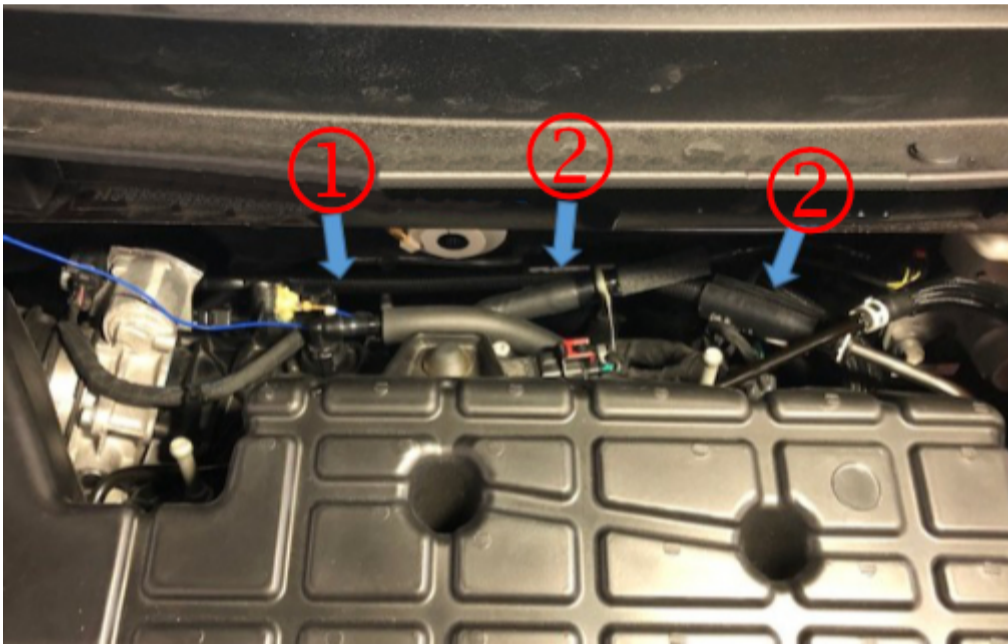
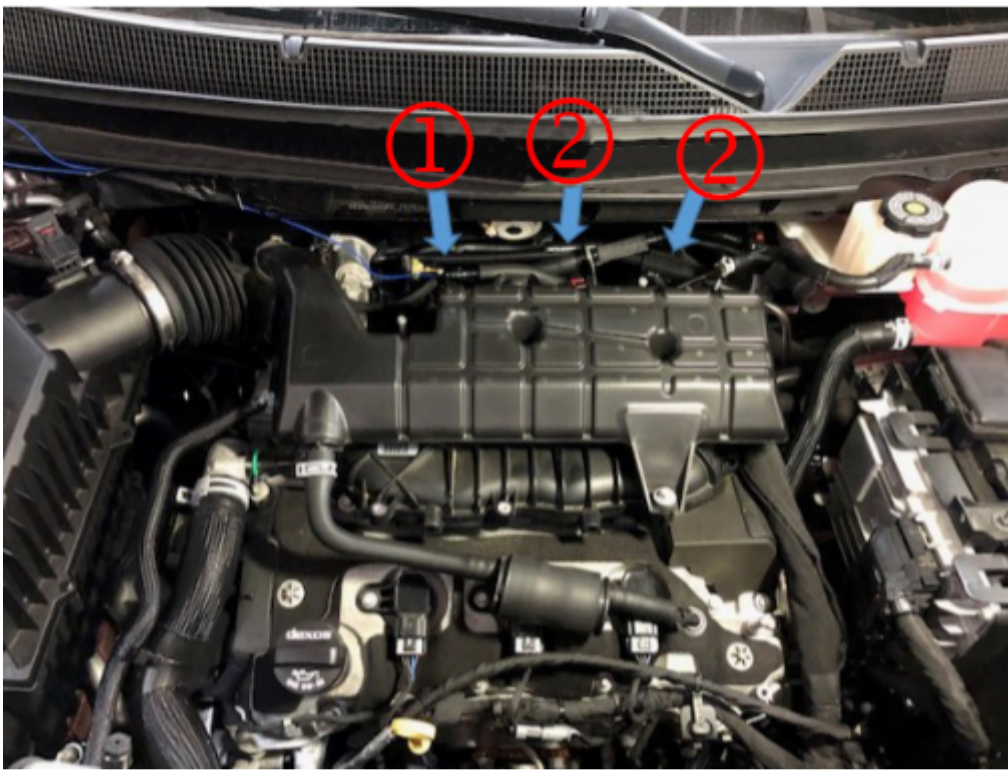
**If noise can be duplicated, then it will be necessary to install insulator/dampers on the tube at the locations noted below.**

**1. Make 2 Insulators/Dampers using 2 pieces of 3/8 inch rubber fuel hose 3 inches long and 2 pieces of 1/2 inch rubber fuel or vacuum/heater hose 3 inches long on the outside of the 3/8 hose.**

**It will be necessary to split these hoses lengthwise.**

**2. Install 1 rubber damper at each location noted below using 2 tie straps on each one.**

**Orientate insulator with seam facing down.**



1= Purge Line  
2= Dampers

**NOTE: This is a temporary repair for customer satisfaction.**  
When the actual damper becomes available it will further dampen the noise.

**NOTE: This PI will become a bulletin when the special part damper is available.**

Warranty Information

**For vehicles repaired under the Powertrain coverage Use OLH .Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.**

Labor Operation	Description	Labor Time
Straight Time	Install Insulators/ Dampers	0.5 Hrs.

Version History

Version	1
Modified	03/30/2021 - Created on.



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