



Preliminary Information

PIT5505A Rattle Noise Diagnostics with LWN 2.8L Diesel

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Colorado	2016 - 2018	All	All	LWN	All
GMC	Canyon	2016 - 2018	All	All	LWN	All

Supersession Statement

This PI was superseded to update Model Years. Please discard PIT5505.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

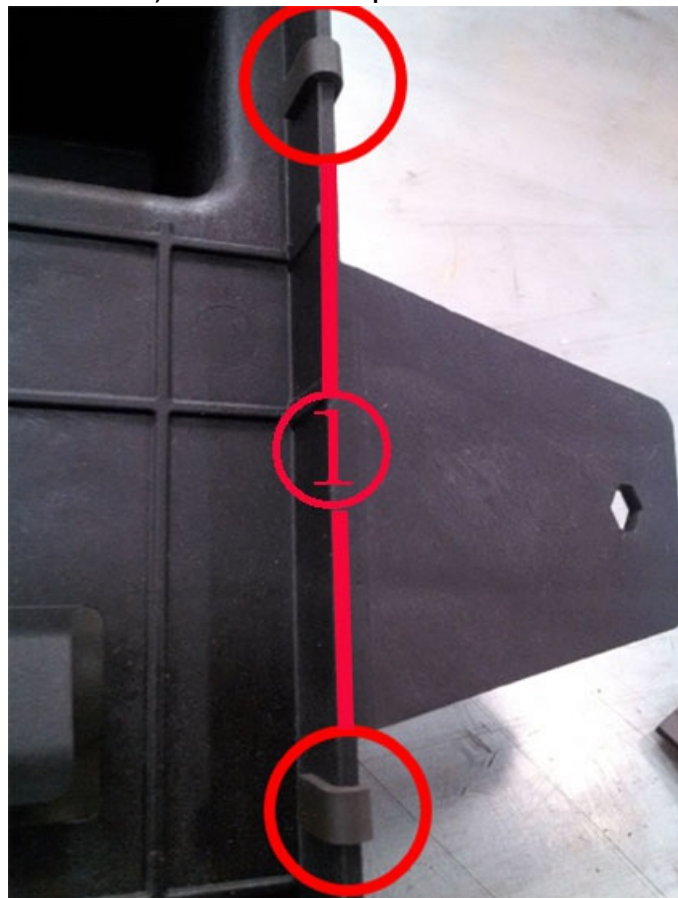
Condition / Concern

The customer may state there is a rattle noise that seems to come from the IP area.

Recommendations / Instructions

Engineering has identified 3 possible areas to inspect for a rattle noise.

1.) The ECM may be loose in the mounting bracket. If you can move the ECM in the bracket remove it from the mount and apply 2 foam strips , 2mm thick, 20mm by 15mm to the body of the bracket and reinstall the ECM. (Recommend Walco 215 or 3M 4696 adhesive backed foam.) Place the foam strips as shown below.



2.) The harness retainer tab on the heater pipes may be contacting the bulkhead. This noise is heard from the center / lower part of the IP usually when in reverse. This can be viewed from underneath the vehicle from the right side looking over the exhaust flex pipe and over the bell housing. The tab can be bent back away from the bulkhead with a pry bar.

3.) The air box snorkel rattles on the inner fender. This can be heard at idle or driving. If you press on the wheel liner the noise will stop. Engineering is working on a field repair for this concern. When more information is available this PI will be updated.

Parts Information

Part Number	Description	Qty	Material Allowance
**3M 4496	3M™ Double Coated Polyethylene Foam Tape 4496 Black, 1 in x 36 yd 1/16 in´ (This is enough material for 600 vehicles)	1	\$0.20

****This is a 3M Part Number.**

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Warranty Information

Labor Operation	Description	Labor Time
4081178*	Adjust Harness Retainer on Heater Pipe To Prevent Contact With Bulkhead	0.4 hr

* This is an unique labor operation for bulletin use only. This will not be published in the Labor Time Guide.

Labor Operation	Description	Labor Time
4081168*	Add Foam Tape To ECM Mounting Bracket	0.3 hr

* This is a unique labor operation for bulletin use only. This will not be published in the Labor Time Guide.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.



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