



Preliminary Information

PIT5245D HVAC Blower Motor Is Noisy Or Vibrates

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado 1500	2014	All	All	All	All
Chevrolet	Silverado	2015 - 2018	All	All	All	All
Chevrolet	Silverado LD	2019	All	All	All	All
Chevrolet	Silverado 2500/3500	2019	All	All	All	All
Chevrolet	Suburban	2015 - 2020	All	All	All	All
Chevrolet	Tahoe	2015 - 2020	All	All	All	All
GMC	Sierra 1500	2014	All	All	All	All
GMC	Sierra	2015 - 2018	All	All	All	All
GMC	Sierra Limited	2019	All	All	All	All
GMC	Sierra 2500/3500	2019	All	All	All	All
GMC	Yukon	2015 - 2020	All	All	All	All

Supersession Statement

This PI was superseded to update the Model Years. Please discard PIT5245C.

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

Condition / Concern

Some owners may comment that when the HVAC blower motor is running, it is noisy or may vibrate.

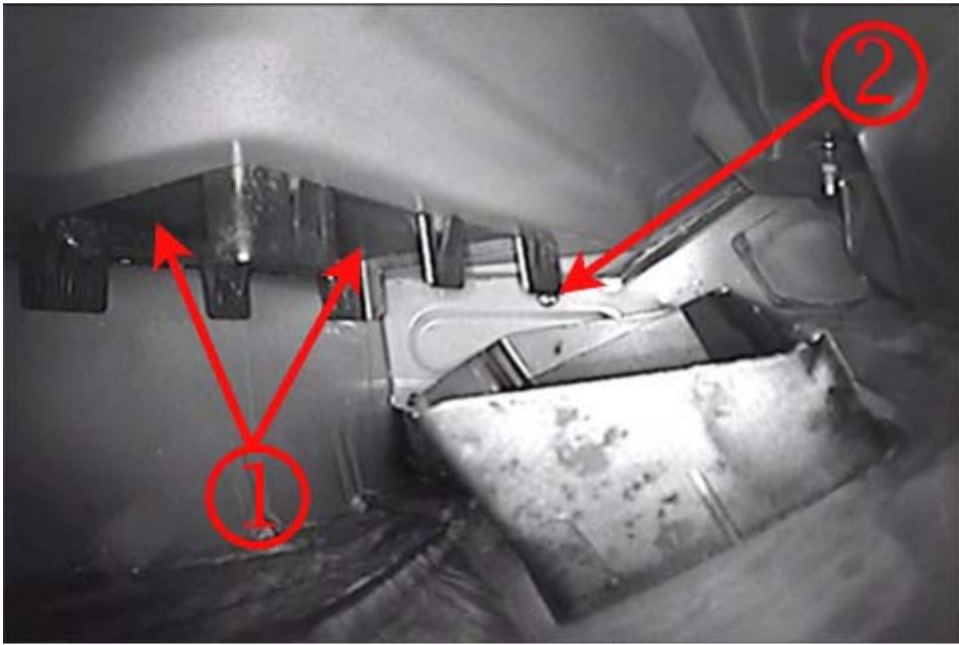
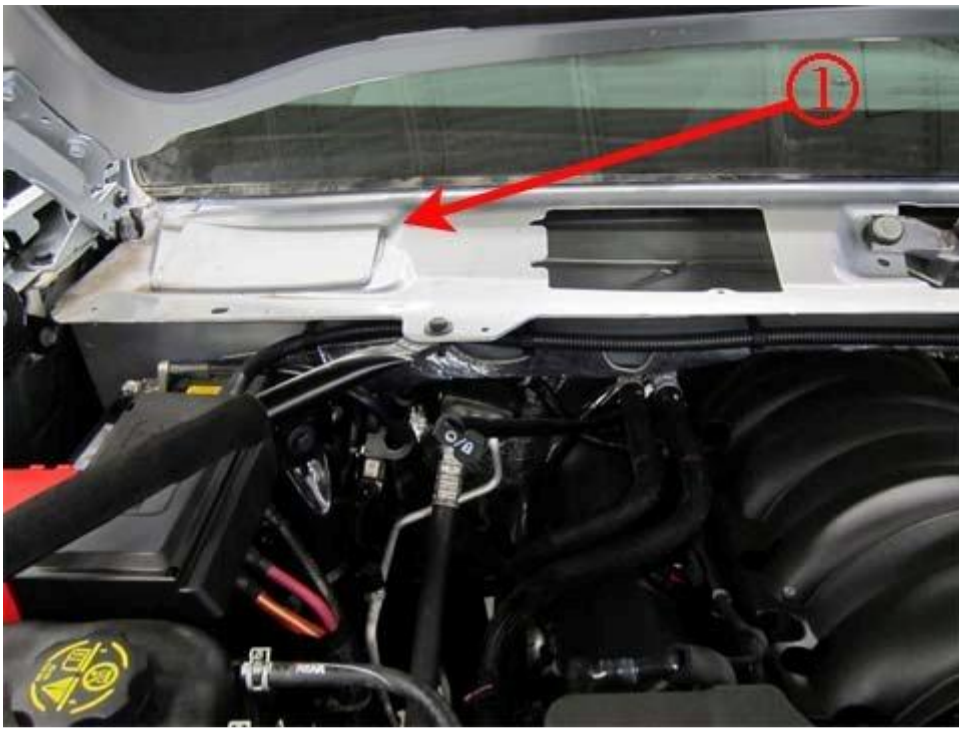
This concern will only occur when temperatures are below 32 deg F (0 deg C). If the blower motor is removed while it is still cold, ice may be found on the blower motor cage.

If the cabin air filter is removed while still cold, snow and/or ice may be found on the filter. This concern could be caused by either a water leak into the HVAC case or snow ingestion into the HVAC case.

Note: Some snow on the cabin filter is normal.

Recommendations / Instructions

1. Perform normal water testing diagnostics while the HVAC is running (high blower and in fresh/outside air mode). Inspect for any water leaking past the plenum cover cap, as shown below (1). Water could drip off the bottom of the plenum cover cap (1) into the HVAC fresh air inlet, as shown below (2).



2. If water is leaking past the plenum cover cap (1) it will need to be removed and resealed. While the plenum cover cap is removed also complete the next steps to add a low pressure drop fine snow resistant screen over the fresh air inlet to prevent snow ingestion.

3. Install a 12" x 12" snow resistant screen material over the HVAC fresh air inlet (2), as shown below. The water resistant screen can be ordered from Outerwears at www.outerwears.com or by calling 800-967-3450. When searching for the product on the website, use part number WR12 and then select color Black (WR12BK).



4. Secure the snow resistant screen with 7 clips, part number 11588650, to the HVAC fresh air inlet (2), as shown below.



5. Reinstall plenum cover cap, insure cover is flat and free of damage, using Kent air dry sealer or RTV around the perimeter of the plenum cover cap. Allow sealer to dry following manufactures recommendations.

6. Confirm there are no leaks by repeating step 1.

Parts Information

Part Number	Description	Qty
11588650	CLIP,L/GATE TR FIN PNL	7
*WR12 (Color Black - WR12BK)	WATER RESISTANT SCREEN	1

*This is an Outerwears part number. We believe this source and their products to be reliable. There may be additional manufacturers of such products/materials. General Motors does not endorse, indicate any preference for, or assume any responsibility for the products or material from this firm or for any such items that may be available from other sources.

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
2080148*	Install Snow Resistant Screen On Fresh Air Intake	1.5 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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