



Bulletin No.: PIC6589A
Published date: 04/17/2025

Preliminary Information

PIC6589A Diagnostic Tip: Whistle/Wind Noise at Highway Speeds

Models

Brand: Chevrolet **Model:** Trailblazer **Model Years:** 2021 - 2025 **VIN:** All **Engine:** All **Transmissions:** All

Involved Region or Country	North America
Condition	<p>Customer may comment on a whistle or wind noise when driving at highway speeds.</p> <p>The noise can be present when HVAC system is in fresh air or recirculation mode and can occur at any fan speeds.</p>
Cause	<p>Missing or gaps in the cowl panel seam sealer.</p> <p>Gap between the fresh air inlet duct to recirculation door plenum.</p>

Correction:

To help isolate the issue, operate the vehicle at highway speeds and change the HVAC system from fresh air to recirculate.

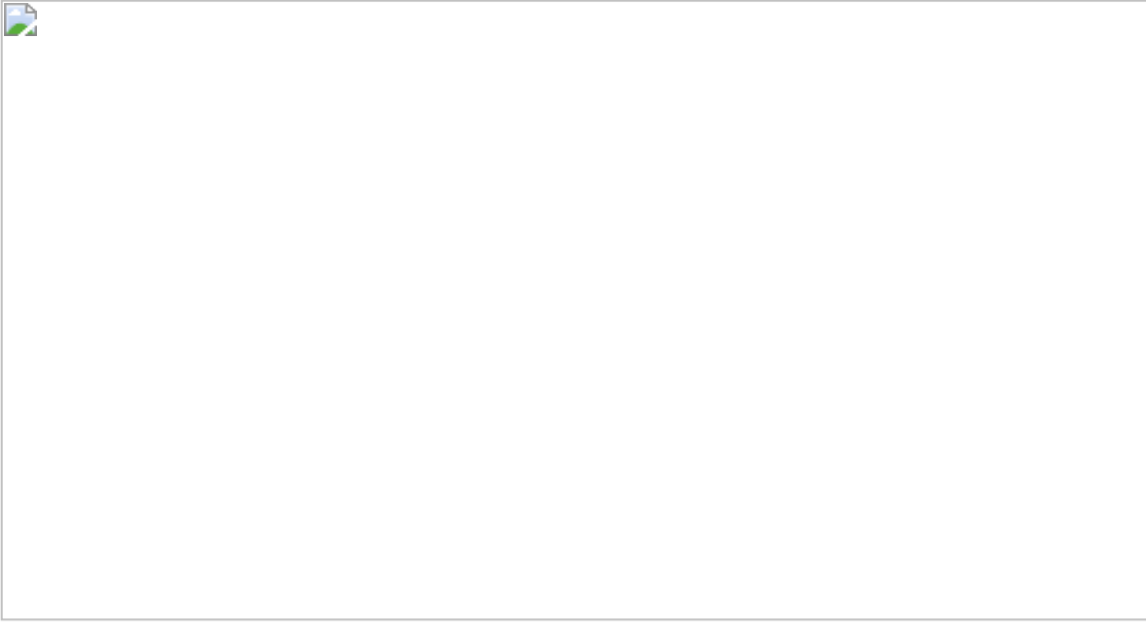
Blocking off the fresh inlet or changing the mode setting to floor or defrost, is another way to rule out the gap concern.

When the top portion of HVAC case is not seated properly, it is causing a gap at the rear of the HVAC case.

This gap is in the area where the Recirc Door seals, which is why when moving the door, it changes the air flow into HVAC case and alters the noise.

To inspect for this condition, remove the cabin air filter and check for a gap at the rear of the case, between the fresh air inlet duct and recirculation door plenum, see examples below.

Note: This condition is usually caused by a previous repair to the HVAC housing assembly.



To correct for this condition, the HVAC case assembly will need to be removed and reassembled correctly.

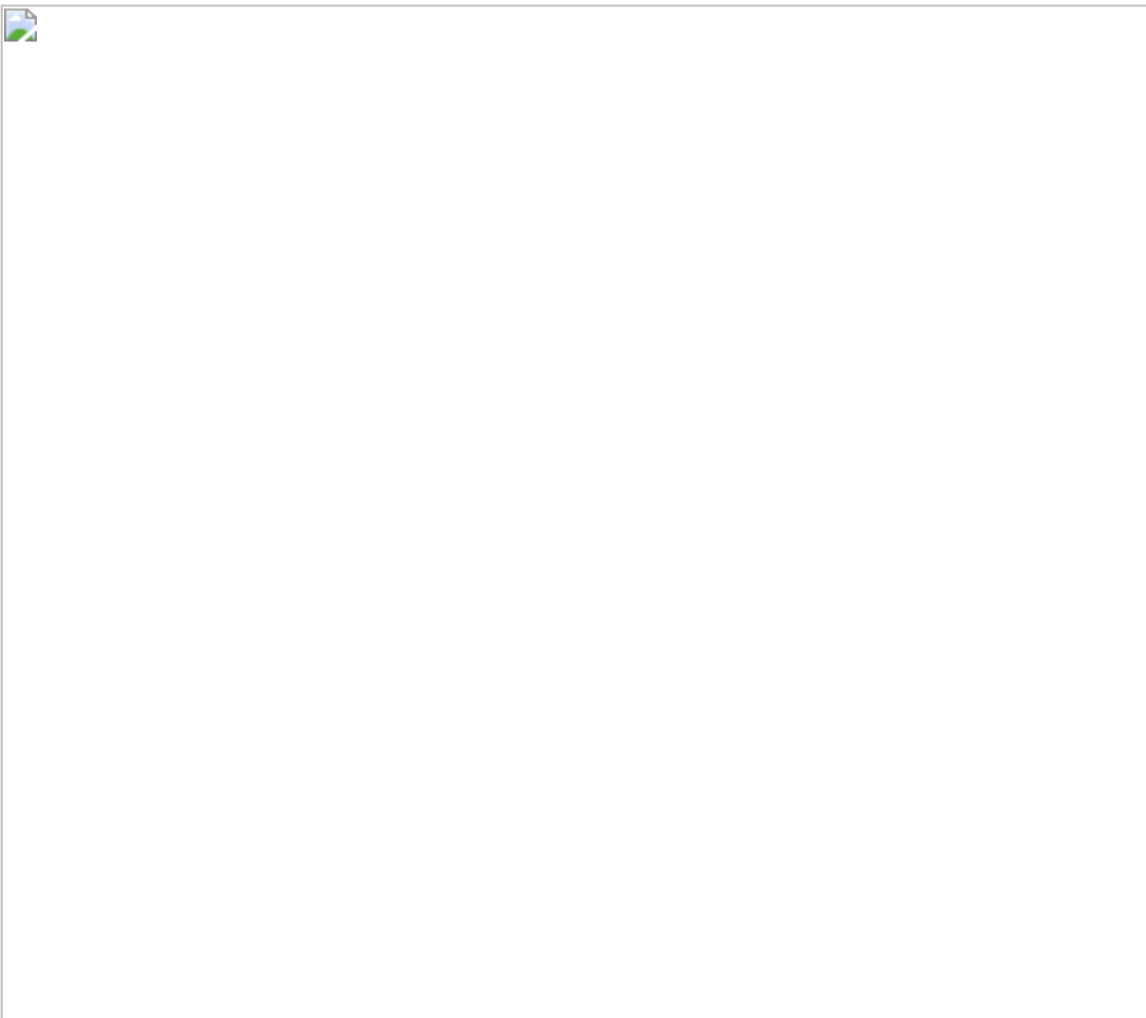
If the whistle/wind noise is not altered or does not go away and, the noise can be heard from the areas shown below.





Using a mechanics stethoscope (image seen below), the tech can remove the metallic probe from the tubing and place the tubing in the area of interest.

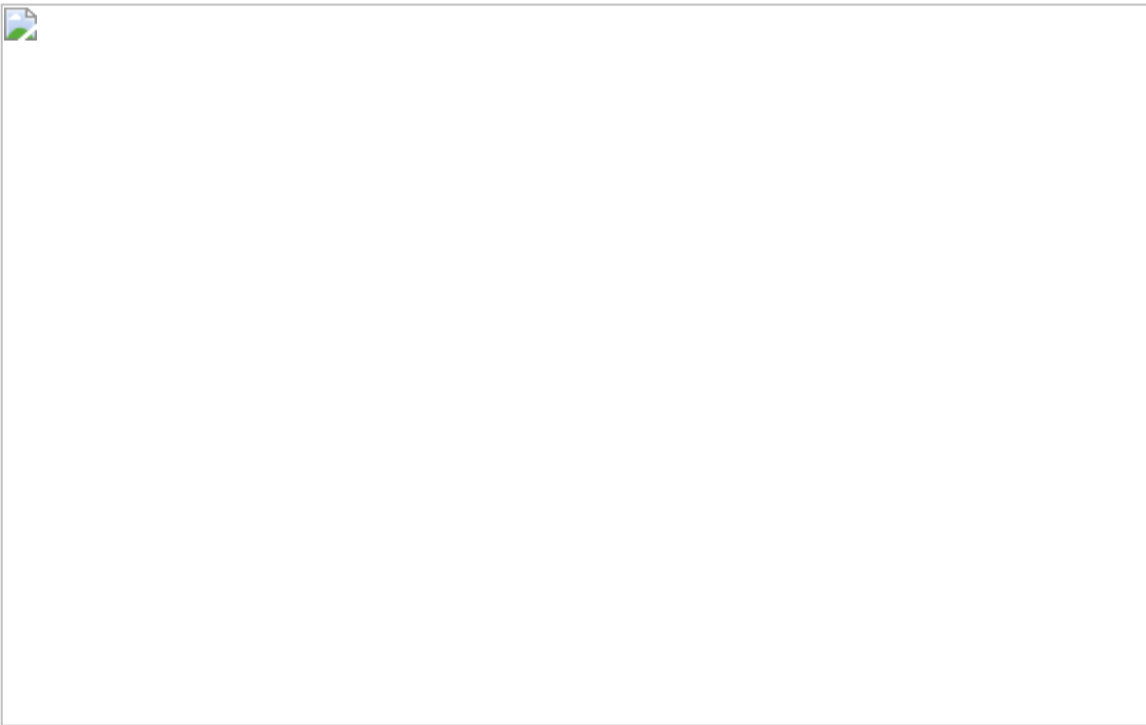
The noise will be loudest when the tubing is directly above the leak source.



Technician should also inspect the cowl panel for gaps or voids in the seam sealer. See examples below.



Using the Soap Suds or Bubble test, SI document 5204781, can be useful in locating the area in the seam that needs repair, see example below.



Technicians will also need to check for leaks in the area shown below.



Parts Information

Description	Part Number	QTY
Kent Automotive High-Tech™ Clear Seam Sealer	P10200	1
Wurth Euroseal Gel Clear	18920104 (892.0104 in Canada)	1

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
1486098*	Plenum body joint resealing (includes water testing)	1 Hr.

*This is a unique Labor Operation for Bulletin use only.

Version History

Version	2
Modified	01/07/2025 - Created. 04/17/2025 - Updated correction

