

Subject: Engineering Information - A/C Compressor is Inoperable

Attention: Proceed with this EI ONLY if the customer has commented about this concern AND the PIE number is listed in the Global Warranty Management / Investigate History link (GWM/IVH). If the customer has not commented about this condition or the EI does not show in GWM/IVH, disregard the PIE and proceed with diagnostics found in published service information. THIS IS NOT A RECALL refer to Service Bulletin 04-00-89-053 for more details on the use of Engineering Information bulletins.

Brand:	Model:	Model Year:		VIN Breakpoint:		Engine:	Transmission:
		from	to	from	to		
Cadillac	XT5	2022	2023	—	—	—	—
Chevrolet	Blazer						

Involved Region or Country	North America
Condition	Some customers may comment on the A/C compressor being inoperable.
Cause	GM Engineering is attempting to determine the root cause of the above condition. Engineering has a need to gather information on vehicles PRIOR to repair that may exhibit this condition. As a result, this information will be used to "root cause" the customer's concern and develop/validate a field fix.

Correction

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

If you encounter a vehicle with a vehicle with a seized or noisy compressor, perform the following steps and contact one of the engineers listed below with your findings.

1. Confirm refrigerant charge amount remaining in A/C system.
 - 1.1. Evacuate the A/C system and record the amount of refrigerant that was recovered.
 - 1.2. If the charge is low compared to expected vehicle charge, hold the vacuum for 15 minutes and record any pressure increase to identify a system leak.
 - 1.3. If a system leak is identified, use SI to identify and record the suspected location for of leakage.
2. Confirm the condition of the oil within the A/C compressor.
 - 2.1. Remove the compressor from the vehicle and drain the oil through the compressor oil plug and inlet/outlet ports into a CLEAN container. Record the condition of oil such as color, amount of oil in grams or cc, foreign material presence, etc.

Important: Please make sure to retain the oil from the failed compressor.
 - 2.2. If the oil appears dark in color or has foreign material in it, flush A/C system per SI and replace the desiccant bag before installing the replacement compressor and fill the A/C system with a full oil charge per SI.

Important: Please be sure to retain these components for return with failed compressor.
 - 2.3. Pour the old compressor oil back into failed compressor and install inlet/outlet cover from new compressor onto failed compressor. Make sure the drain plug is reinstalled and tight.

Contact Information

The Contact Information has been redacted.

Please include the following information if leaving a message:

- Technician name
- Dealer name and phone number
- Complete VIN and repair order (R.O) number

On the repair order, document the date and time the call was placed (even if the engineer was not reached).

If engineering is unable to return the call within one hour, proceed with diagnosis and repair based on information found in SI.

Warranty Information

If engineer was contacted or required information was provided, use:

Labor Operation	Description	Labor Time
4488358*	Engineering Information - A/C Compressor is Inoperable	2.4 Hrs.
*This is a unique Labor Operation for bulletin use only.		

Version	1
Modified	Released December 13, 2022