



Bulletin No.: PIP5841F
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Preliminary Information

PIP5841F Diagnostic Tip: DTC P04FB Due To Possible Condensation Freezing In Crankcase Pressure Sensor Assembly

Models

Brand:	Model:	Model Years:	VIN: from to	Engine:	Transmissions:
Buick	Envision	2021 - 2025	All	All 2.0 LSY	All
Cadillac	CT4	2020 - 2025	All	All 2.0 LSY	All
Cadillac	CT5	2020 - 2025	All	All 2.0 LSY	All
Cadillac	CT6	2019	All	All 2.0 LSY	All
Cadillac	XT4	2019 - 2025	All	All 2.0 LSY	All
Cadillac	XT5	2020 - 2025	All	All 2.0 LSY	All
Cadillac	XT6	2020 - 2025	All	All 2.0 LSY	All
Chevrolet	Blazer	2020 - 2025	All	All 2.0 LSY	All
GMC	Acadia	2020 - 2023	All	All 2.0 LSY	All

Involved Region or Country:	North America
Condition:	DTC P04FB Failed current or history
Cause:	Possible moisture or condensation freezing in Crankcase Pressure Sensor assembly

Correction

If you encounter a vehicle setting DTC P04FB in temperatures below freezing that has failed current or history complete the published SI diagnostics for the DTC.

If unable to establish a root cause. Remove the PCV/Crankcase Pressure Sensor and hose assembly and inspect for presence of frozen moisture/condensation in the Crankcase Pressure sensor and hose assembly.

If frozen moisture is present, replacement of the Crankcase Pressure Sensor will not be necessary. Please allow the Crankcase pressure sensor and hose assembly to thaw out and the moisture to drain completely. Use a combination of light compressed air and a shop towel to remove any residual condensation/moisture.

Note: If the ambient air temperatures have not been below freezing but moisture is still present in the Crankcase pressure sensor. Remove the moisture using a combination of light compressed air and a shop towel.

Once completed clear any remaining DTC's using GDS and evaluate.

Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
*4088908	PCV/Crankcase Pressure Sensor and Hose Assembly Clean and Drain	.3 Hr.
*This is a unique Labor Operation for Bulletin use only.		

Version History.

Version	6
Modified	02/23/2022 - Created on. 05/11/2022 - Updated correction to not replace crankcase pressure sensor 01/27/2023- Updated to include 2023 Model Year. 03/15/2023- Updated to include unique labor operation 01/05/2024 Updated information to include 2024 Model Year. 02/27/2025 Updated informaton to include 2025 Model Year 04/16/205 - Updated Models.