Bulletin No.: PIP5841A
Published date: 05/11/2022

# Preliminary Information

## PIP5841A Diagnostic Tip: DTC P04FB Due To Possible Condensation Freezing In Crankcase Pressure Sensor Assembly

Proactive

Models

| Brand: | Model: | Model Years: | VIN: | | Engine: | Transmissions: |
|---|---|---|---|---|---|---|
| | | | from | to | | |
| Buick | Envision | 2021 - 2022 | All | All | 2.0 LSY | All |
| Cadillac | CT4 | 2020 - 2022 | All | All | 2.0 LSY | All |
| Cadillac | CT5 | 2020 - 2022 | All | All | 2.0 LSY | All |
| Cadillac | CT6 | 2019 | All | All | 2.0 LSY | All |
| Cadillac | XT4 | 2019 - 2022 | All | All | 2.0 LSY | All |
| Cadillac | XT5 | 2020 - 2022 | All | All | 2.0 LSY | All |
| Cadillac | XT6 | 2020 - 2022 | All | All | 2.0 LSY | All |
| Chevrolet | Blazer | 2020 - 2022 | All | All | 2.0 LSY | All |
| GMC | Acadia | 2020 - 2022 | 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.**

Version History

| Version | 2 |
|---|---|
| Modified | 02/23/2022 - Created on.<br>05/11/2022 - Updated correction to not replace crankcase pressure sensor |

GENERAL MOTORS