

# Part 573 Safety Recall Report

# 21V-472

**Manufacturer Name :** General Motors, LLC**Submission Date :** JUN 24, 2021**NHTSA Recall No. :** 21V-472**Manufacturer Recall No. :** N212340220**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 6

Address : 29427 Louis Chevrolet Road  
MAIL CODE 480-210-2V WARREN MI  
48093

Estimated percentage with defect : 100 %

Company phone : 586-596-1733

**Vehicle Information :**

Vehicle 1 : 2021-2021 Chevrolet Traverse

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Service programming logs used to identify vehicles that received the incorrect revision level sensing diagnostic module (SDM) calibration software during service.

4 Chevrolet Traverse vehicles are included in this recall.

Production Dates : NOV 10, 2020 - APR 27, 2021

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2021-2021 Buick Enclave

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Service programming logs were used to identify vehicles that received the incorrect revision level sensing diagnostic module (SDM) calibration software during service.

2 Buick Enclave vehicles are included in this recall.

Production Dates : JAN 21, 2021 - APR 30, 2021

VIN Range 1 : Begin : NR End : NR

 Not sequential

**Description of Defect :**

Description of the Defect : General Motors has decided that a defect which relates to motor vehicle safety exists in certain 2021 model year Buick Enclave and Chevrolet Traverse vehicles. Certain vehicles may have received incorrect sensing diagnostic module (SDM) calibration software during service by a dealer that may affect the timing or level of frontal airbag deployment in certain crashes.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the SDM commands frontal airbag deployment at a different time or level than intended by design, there is increased risk of injury in certain crash conditions.

Description of the Cause : Certain model design changes that require changes to SDM calibrations were not correctly coordinated with file updates to the service programming system (SPS).

Identification of Any Warning that can Occur : NR

**Involved Components :**

Component Name 1 : DATA FILE SYS DIAGN MDL V

Component Description : Calibration Data File Sensing & Diagnostic Module

Component Part Number : 84848857, 84848860, 84848862, 84848864

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

On May 21, 2021, during a weekly audit of service programming system (SPS) data, a GM data engineer discovered the SPS system provided incorrect SDM calibration data to dealers for certain 2021 models. The data files were corrected in the SPS system on May 25, 2021 and the issue was reported through GM's Speak Up for Safety program on May 27, 2021. GM opened an investigation on June 4, 2021.

A review of service programming logs completed on May 27, 2021, found seven vehicles that may have received the incorrect SDM calibration, six of which are in the US. Engineering analysis completed on June 10, 2021, concluded that the incorrect calibration data could affect the timing of frontal airbag deployment in certain crash events or that the SDM may command a second-stage frontal airbag deployment for certain crashes where a first-stage deployment is intended. GM's Safety and Field Action Decision Authority decided to conduct safety recall on June 17, 2021.

## Description of Remedy :

**Description of Remedy Program :** Dealers will update the calibration software in the sensing diagnostic module (SDM).

Pursuant to 49 C.F.R. § 573.13(d)(1), all covered vehicles are under warranty, so reimbursement is not offered.

**How Remedy Component Differs from Recalled Component :** The affected 2021 model year vehicles will receive the correct 2021 model year SDM calibration software.

**Identify How/When Recall Condition was Corrected in Production :** Data files were corrected in the service programming system on May 25, 2021.

## Recall Schedule :

**Description of Recall Schedule :** Dealers will be notified on June 24, 2021. Customer notification is estimated to begin on August 9, 2021.

**Planned Dealer Notification Date :** JUN 24, 2021 - JUN 24, 2021

**Planned Owner Notification Date :** AUG 09, 2021 - AUG 09, 2021

\* NR - Not Reported