

Part 573 Safety Recall Report

24V-133

Manufacturer Name : General Motors, LLC**Submission Date :** FEB 22, 2024**NHTSA Recall No. :** 24V-133**Manufacturer Recall No. :** A232424660**Manufacturer Information :**

Manufacturer Name : General Motors, LLC

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

Company phone : 586-596-1733

Population :

Number of potentially involved : 55,755

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2023-2023 Chevrolet Colorado

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine the affected population.

There are 46,708 Chevrolet Colorado vehicles affected by this recall.

Production Dates : SEP 30, 2022 - DEC 15, 2023

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2023-2023 GMC Canyon

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine the affected population.

There are 9,047 GMC Canyon vehicles affected by this recall.

Production Dates : SEP 29, 2022 - DEC 15, 2023

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 2023 model year Chevrolet Colorado and GMC Canyon vehicles. The front camera module (FCM) system in these vehicles may, under certain conditions, improperly command an automatic emergency braking (AEB) event.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If an unwarranted AEB event occurs and causes the vehicle to unnecessarily stop or slow down, there is an increased risk of a crash.

Description of the Cause : The calibration of the software in the FCM system can, under certain conditions, falsely detect an obstacle.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : DATA FILE-FV CAMERA OBJ DETN CALN

Component Description : Front Camera Module Software Calibration

Component Part Number : 85009015; 86579719; 86546808; 86540248; 86515382; 86506893; 85665009; 85656756; 85646870; 86785282

Component Name 2 : DATA FILE-FV CAMERA OBJ DETN CALN

Component Description : Front Camera Module Software Calibration

Component Part Number : 85009016; 86579720; 86546809; 86540249; 86515383; 86506894; 85665010; 85656757; 85646868; 85538159

Supplier Identification :**Component Manufacturer**

Name : Veoneer (Magna)

Address : Box 13089

Klarabergsviadukten 70, C6, SE-103 02 Stockholm Foreign States 111 64

Country : Sweden

Chronology :

On September 21, 2023, a report was submitted to GM's Speak Up For Safety (SUFS) program regarding allegations of improper AEB events in vehicles in China. On September 26, 2023, GM opened a product investigation into GM vehicles in the U.S. equipped with the same FCM system.

Testing conducted by GM and GM's supplier found that, under certain conditions, software in the FCM may improperly detect an obstacle, which can lead to initiation of an unwarranted AEB event. GM's investigation included detailed comparative analysis of the relevant field data relating to different versions of the FCM software, vehicles built in different production periods, and vehicles in the U.S. and China. GM's analysis found 234 field complaints in the U.S. potentially related to this condition, which were received by GM between November 29, 2022, and February 6, 2024. Of these claims, four involved accidents and three involved minor injuries.

On February 15, 2024, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Dealers will reflash the front camera module (FCM). 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 : Updated FCM software calibration corrects this condition.

Identify How/When Recall Condition was Corrected in Production : 2024 model year vehicles were contained and will have updated front camera module (FCM) software.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on February 22, 2024. Owner notification is estimated to begin on April 8, 2024.

Planned Dealer Notification Date : FEB 22, 2024 - FEB 22, 2024

Planned Owner Notification Date : APR 08, 2024 - APR 08, 2024

* NR - Not Reported