

Part 573 Safety Recall Report

23V-682

Manufacturer Name : General Motors, LLC**Submission Date :** OCT 12, 2023**NHTSA Recall No. :** 23V-682**Manufacturer Recall No. :** N232422960**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 : 62

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 Cadillac LYRIQ

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicle service records, including over-the-air update records, were used to identify affected vehicles.

Production Dates : APR 07, 2022 - APR 20, 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 Cadillac LYRIQ vehicles. The Body Control Module (BCM) in these vehicles may have been updated with incorrectly calibrated software. This software may cause the vehicles to fail to emit the pedestrian-warning sounds required by FMVSS 141 while decelerating from 30 to 25 kph.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A pedestrian may not hear an approaching vehicle equipped with this software, increasing risk of a crash with a pedestrian.

Description of the Cause : GM's supplier inadvertently provided incorrect calibration values to GM's software calibration management system. These incorrect calibration values were subsequently included in a software update package deployed between August 23, 2023, and September 8, 2023.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : MODULE ASM-BODY CONT

Component Description : Body Control Module (BCM)

Component Part Number : 13549109, 13549489, 13550608, 13557470

Supplier Identification :**Component Manufacturer**

Name : DENSO International America

Address : 24777 DENSO Drive
Southfield Michigan 48033

Country : United States

Chronology :

On September 8, 2023, a GM supplier quality engineer submitted an issue to GM's Speak Up For Safety program regarding incorrectly calibrated software for the pedestrian alert feature on 2023 model year LYRIQ vehicles. GM opened a product investigation on September 22, 2023.

This investigation determined that the supplier provided incorrect calibration values to GM's software calibration management system, and that this incorrect software could cause the vehicle to fail to emit the FMVSS 141 required pedestrian alert sounds in certain operating conditions. GM is not aware of any field incidents related to this condition. On October 5, 2023, GM's Safety and Field Action Decision Authority decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Dealers will reprogram the BCM.
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 BCM reflash will contain software with the correct calibration values.

Identify How/When Recall Condition was Corrected in Production : Deployment of the software package that contained the incorrect BCM calibration values was halted on September 8, 2023.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on October 12, 2023. Owner notification is estimated to begin on November 27, 2023.

Planned Dealer Notification Date : OCT 12, 2023 - OCT 12, 2023

Planned Owner Notification Date : NOV 27, 2023 - NOV 27, 2023

* NR - Not Reported