

Part 573 Safety Recall Report

24V-755

Manufacturer Name : General Motors, LLC**Submission Date :** OCT 10, 2024**NHTSA Recall No. :** 24V-755**Manufacturer Recall No. :** N242474560**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 1,962

 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 : 2024-2024 GMC Sierra EV

Vehicle Type :

Body Style :

Power Train : NR

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

Production Dates : DEC 07, 2023 - SEP 09, 2024

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential**Description of Noncompliance :**

Description of the Noncompliance : General Motors has decided that certain 2024 model year GMC Sierra EV vehicles fail to conform to Section S7.1.1.12.1 of Federal Motor Vehicle Safety Standard (FMVSS) No. 108, "Lamps, reflective devices, and associated equipment." The calculated photometric intensity ratio of the front turn signal lamp and the parking lamp is below the minimum value required when combined in a single lamp.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : If there is not a sufficiently discernable difference between the front turn signal lamp and the parking lamp, other road users may not be aware of the driver's intentions, increasing the risk of a crash.

Description of the Cause : GM's supplier did not properly complete assessment of the photometric intensity ratio between the two lamp functions.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : MODULE ASM-HDLP LED DRVR

Component Description : Headlamp Multipurpose LED Driver Module

Component Part Number : 13559401

Supplier Identification :

Component Manufacturer

Name : Marelli

Address : 26555 Northwestern Hwy.
Southfield Michigan 48033

Country : United States

Chronology :

On August 21, 2024, a GM engineer submitted this issue to GM’s Speak Up For Safety (SUFS) program following notification from GM’s supplier that the calculated photometric intensity ratio for the combination front turn signal lamp and parking lamp may not meet FMVSS 108 requirements. GM’s investigation found that the supplier did not complete ratio calculations on its photometric intensity measurements, which would have confirmed that certain FMVSS 108 requirements were not met. On October 3, 2024, GM’s Safety Field Action Decision Authority (SFADA) decided to conduct a noncompliance recall.

Description of Remedy :

Description of Remedy Program : Dealers will replace the headlamp multipurpose LED driver (MLD) module.
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 LED driver replacement module provides the required photometric intensity ratio between the turn signal lamp and the parking lamp.

Identify How/When Recall Condition was Corrected in Production : Headlamp assemblies with new MLDs that provide the required photometric intensity ratio were implemented in production on September 9, 2024.

Recall Schedule :

Description of Recall Schedule :	Dealers will be notified on October 10, 2024. Customer notification is estimated to begin on November 25, 2024.
Planned Dealer Notification Date :	OCT 10, 2024 - OCT 10, 2024
Planned Owner Notification Date :	NOV 25, 2024 - NOV 25, 2024

* NR - Not Reported