

# Part 573 Safety Recall Report

# 24V-320

**Manufacturer Name :** General Motors, LLC**Submission Date :** MAY 09, 2024**NHTSA Recall No. :** 24V-320**Manufacturer Recall No. :** N242447080**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 10

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 Cadillac LYRIQ

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records and part trace data were used to determine vehicles containing the affected rear drive units.

There are three Cadillac LYRIQ vehicles affected by this recall.

Production Dates : FEB 28, 2024 - APR 04, 2024

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2024-2024 Chevrolet Blazer EV

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records and part trace data were used to determine vehicles containing the affected rear drive units.

There are three Chevrolet Blazer EV vehicles affected by this recall.

Production Dates : APR 05, 2024 - APR 05, 2024

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2024-2024 Chevrolet Silverado EV

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records and part trace data were used to determine vehicles containing the affected rear drive units.

There are two Chevrolet Silverado EV vehicles affected by this recall.

Production Dates : APR 09, 2024 - APR 09, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2024-2024 GMC HUMMER EV SUV

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records and part trace data were used to determine vehicles containing the affected rear drive units.

There is one GMC HUMMER EV vehicle affected by this recall.

Production Dates : MAR 23, 2024 - MAR 23, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2024-2024 GMC Sierra EV

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records and part trace data were used to determine vehicles containing the affected rear drive units.

There is one GMC Sierra EV vehicle affected by this recall.

Production Dates : APR 12, 2024 - APR 12, 2024

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 may exist in a small number of 2024 model year Cadillac LYRIQ, Chevrolet Blazer EV and Silverado EV, and GMC HUMMER EV and Sierra EV vehicles. The electric motors in these vehicles' rear drive units may include wires that are not sufficiently insulated, potentially allowing the wires to contact each other. If wire-to-wire contact occurs, the drive motor will shut down, causing the vehicle to lose propulsion.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the vehicle loses propulsion without warning, there is increased risk of a crash.

Description of the Cause : During the motor assembly process, GM's supplier failed to apply sufficient insulation to the wiring.

Identification of Any Warning that can Occur : NR

**Involved Components :**

Component Name 1 : STATOR ASM-DRV MOT

Component Description : X77/X79/X80/X81 Stator Assembly

Component Part Number : 24054340

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

Name : LG-Magna

Address : Av. Olimpia 2312 Parque Industrial  
Santa Maria 2da Etapa Ramos Arizpe Foreign States 25903

Country : Mexico

**Chronology :**

A GM quality engineer submitted this issue to GM's Speak Up For Safety (SUFS) program on April 11, 2024, after GM's supplier of drive unit stator assemblies discovered that a line operator failed to apply an insulating "varnish" to some of the assemblies. These suspect assemblies may have been built into ten vehicles which were sold in the US.

GM opened a product investigation on April 16, 2024. GM's investigation determined that the lack of varnish could eventually lead to wire-to-wire contact within the drive unit stator, resulting in propulsion shutdown without warning.

On May 2, 2024, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall. GM is not aware of any field incidents associated with this defect.

### Description of Remedy :

Description of Remedy Program : Dealers will replace the rear drive unit. 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 : Replacement drive units have stator assemblies that were manufactured with the varnish insulation properly applied.

Identify How/When Recall Condition was Corrected in Production : Containment efforts were initiated at GM's assembly plants on April 10, 2024.

### Recall Schedule :

Description of Recall Schedule : Dealers will be notified on May 9, 2024. Owner notification is estimated to begin on June 24, 2024.

Planned Dealer Notification Date : MAY 09, 2024 - MAY 09, 2024

Planned Owner Notification Date : JUN 24, 2024 - JUN 24, 2024

\* NR - Not Reported