

# Part 573 Safety Recall Report

## 23V-678

**Manufacturer Name :** Lightning eMotors Inc.**Submission Date :** OCT 09, 2023**NHTSA Recall No. :** 23V-678**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Lightning eMotors Inc.

Number of potentially involved : 239

Address : 815 14th Street SW  
Suite A100 Loveland CO 80537

Estimated percentage with defect : 100 %

Company phone : (970)744-7241

**Vehicle Information :**

Vehicle 1 : 2021-2022 Lightning eMotors FT3-40

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : The instrument cluster on the subject vehicles may not activate the BRAKE, PARK and ABS indicator lamps during the lamp function check when the ignition is turned to the "on" (run) position. The recall scope was determined by a review of production records.

Production Dates : JAN 01, 2021 - DEC 31, 2022

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Vehicle 2 : 2021-2023 Lightning eMotors FT3-80

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : The instrument cluster on the subject vehicles may not activate the BRAKE, PARK and ABS indicator lamps during the lamp function check when the ignition is turned to the "on" (run) position. The recall scope was determined by a review of production records.

Production Dates : JAN 01, 2021 - OCT 01, 2023

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Vehicle 3 : 2022-2023 Lightning eMotors FT3-120

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : The instrument cluster on the subject vehicles may not activate the BRAKE, PARK and ABS indicator lamps during the lamp function check when the ignition is turned to the "on" (run) position. The recall scope was determined by a review of production records.

Production Dates : JAN 01, 2022 - OCT 01, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

#### Description of Noncompliance :

Description of the Noncompliance : The subject vehicles may not meet the "check of lamp" requirements of FMVSS 105 S5.3.2(a).

FMVSS 1 : 105 - Hydraulic and electric brake systems

FMVSS 2 : NR

Description of the Safety Risk : The indicator lamps will illuminate correctly to indicate the presence of the conditions or malfunctions specified in FMVSS 105 S5.3.1. However, the driver may be unaware if the indicator lamps were to become inoperable. If one or more of the indicator lamps were to fail, the driver would not be notified of the issue, increasing the risk of a crash.

Description of the Cause : A software update inadvertently affected the "check of lamp" functionality.

Identification of Any Warning that can Occur : The operator might notice the indicator lamps not illuminating when the ignition switch is turned to the "on" position during the bulb check sequence.

#### Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

#### Supplier Identification :

##### Component Manufacturer

Name : Lightning eMotors

Address : NR  
NR  
Country : NR

## Chronology :

June 27, 2023: Vehicle testing of unrelated software upgrades indicated a potential issue with the instrument cluster display  
June 27 - August 2, 2023: The issue was evaluated by the technical team  
August - September, 2023: The issue was referred to the Legal Department for evaluation of potentially affected regulatory requirements; legal/regulatory evaluation was performed  
September 18, 2023: Based upon the technical and regulatory evaluation, the issue was escalated to the Lighting eMotors Recall Committee  
September 27, 2023: The Recall Committee determined that the issue constitutes an FMVSS noncompliance  
October 4, 2023: Part 573 Report filed  
October 5, 2023: NHTSA rejected the Part 573 filing; requested to re-file with revised safety risk description.  
October 9, 2023: Revised Part 573 report filed.

## Description of Remedy :

Description of Remedy Program :	Owners will be advised of the availability of a software update (Versions 3.1.0 or 3.1.1) that will address the issue. The required update will be provided free of charge.
How Remedy Component Differs from Recalled Component :	Updated software (Versions 3.1.0 or 3.1.1) will address this issue.
Identify How/When Recall Condition was Corrected in Production :	To be provided

## Recall Schedule :

Description of Recall Schedule :	Customers will be notified on or before the dates set forth in the Planned Notification section.
Planned Dealer Notification Date :	DEC 01, 2023 - DEC 01, 2023
Planned Owner Notification Date :	DEC 01, 2023 - DEC 01, 2023

\* NR - Not Reported