



U.S. Department of Transportation  
**National Highway Traffic Safety  
Administration**

1200 New Jersey Avenue SE  
Washington, DC 20590

December 22, 2022

Mr. Brian Johnston  
Lightning eMotors Inc.  
815 14th Street SW  
Suite A100  
Loveland, CO 80537

NEF-107SS  
22V-934

**Subject:** High Voltage Battery Packs May Fail

Dear Mr. Johnston:

This letter serves to acknowledge Lightning eMotors Inc.'s notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

**Makes/Models/Model Years:**

LIGHTNING EMOTORS/FE4/2021-2022

**Mfr's Report Date:** December 16, 2022

**NHTSA Campaign Number:** 22V-934

**Components:**

ELECTRICAL SYSTEM:PROPULSION SYSTEM:TRACTION BATTERY

**Potential Number of Units Affected:** 27

**Problem Description:**

Lightning eMotors Inc. (Lightning eMotors) is recalling certain 2021-2022 FE4-129 vehicles equipped with Romeo Power battery packs. The high voltage battery may lose traction power while driving or fail to start.

**Consequence:**

A sudden loss of traction power while driving increases the risk of a crash.

**Remedy:**

The remedy is currently under development. Owner notification letters are expected to be mailed February 14, 2023. Owners may contact Lightning eMotors customer service at 1-970-744-4926 or 1-800-223-0740. Lightning eMotors number for this recall is LeM Recall 2022-002.

**Notes:**

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to [www.nhtsa.gov](http://www.nhtsa.gov).

Please ensure the following requirements are met:

A description of the manufacturer's program for remedying the defect or noncompliance (49 CFR 573.6 (c)(8)(i)).

AMENDED 573 REQUIRED.

As required in Part 573.6, please amend the chronology to provide a summary of all warranty claims, field or service reports, and other information (such as the numbers of deaths and/or injuries), with their dates of receipt. If claim count exceeds 10 claims, please provide the total number of claims, and a receipt date range for those claims.

AMENDED 573 REQUIRED.

Please be reminded of the following requirements:

You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

Please be reminded that under 49 U.S.C. § 30112(a)(3), it is illegal for a manufacturer, to sell, offer for sale, import, or introduce or deliver into interstate commerce, a motor vehicle or item of motor vehicle equipment that contains a safety defect once the manufacturer has notified NHTSA about that safety defect. This prohibition does not apply once the motor vehicle or motor vehicle equipment has been remedied according to the manufacturer's instructions.

As stated in Part 573.7, submission of the first of eight consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter.

Lightning eMotors Inc.'s contact for this recall will be Sarah Shiver who may be reached by email at [sarah.shiver@dot.gov](mailto:sarah.shiver@dot.gov). We look forward to working with you.

Sincerely,



Alex Ansley  
Chief, Recall Management Division  
Office of Defects Investigation  
Enforcement