



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

1200 New Jersey Avenue SE  
Washington, DC 20590

April 5, 2023

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

NEF-107SS  
23V-207

**Subject:** High-Voltage Battery Failure

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/FE4-129/2019-2021  
LIGHTNING EMOTORS/FE4-86/2020  
LIGHTNING EMOTORS/FT3-43/2020  
LIGHTNING EMOTORS/FT3-86/2019-2022

**Mfr's Report Date:** March 27, 2023

**NHTSA Campaign Number:** 23V-207

**Components:**

ELECTRICAL SYSTEM:PROPULSION SYSTEM:TRACTION BATTERY

**Potential Number of Units Affected:** 148

**Problem Description:**

Lightning eMotors Inc. (Lightning) is recalling certain 2020 FE4-86 and FT3-43, 2019-2021 FE4-129, and 2019-2022 FT3-86 vehicles. The battery packs may have defective structural welds and experience an internal radiator leak, causing battery failure.

**Consequence:**

Battery failure can cause a loss of drive power, increasing the risk of a crash. Battery failure can also increase the risk of a fire.

**Remedy:**

The remedy is currently under development. The manufacturer has not yet provided a schedule for recall notification. Owners may contact Lightning customer service at 1-970-744-7241. Lightning's number for this recall is 2023-001.

**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 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 49 U.S.C. § 30118(f), submission of 8 consecutive quarterly reports is required. As described in 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.

**Please ensure the following requirements are met:**

As required in Part 573.6(c)(6), in the case of a defect, please provide a chronology of all principal events that were the basis for the determination that the defect related to motor vehicle safety, including 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.

**AMENDED 573 REQUIRED.**

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

**AMENDED 573 REQUIRED.**

Your company must supply the estimated date(s) for which it will notify dealers and/or distributors regarding this safety recall. If your company subsequently becomes aware that either the beginning or the completion dates reported to the agency for any of the notifications will be delayed by more than two weeks, your company shall promptly advise the agency of the delay and the reasons therefor, and furnish a revised estimate. If your company does not have dealers or distributors, please state so in the 573 (49 CFR 573.6 (c)(8)(ii)).

**AMENDED 573 REQUIRED.**

Your company must supply the estimated date(s) for which it will notify owners regarding this safety recall. Please be reminded that all owners must be notified of the safety risk associated with this filing within 60 days of the 573 being submitted. If the remedy is not available at that time, mail the interim notice, following it with a second notice once the remedy becomes available. If your company subsequently becomes aware that either the beginning or the completion dates reported to the agency for any of the notifications will be delayed by more than two weeks, your company shall promptly advise the agency of the delay and the reasons therefor, and furnish a revised estimate. If there are no owners involved in this recall, please state so in the 573 (49 CFR 573.6 (c)(8)(ii)).

**AMENDED 573 REQUIRED.**

Your company's program shall include a plan for reimbursing an owner or purchaser who incurred costs to obtain a remedy for the problem addressed by the recall within a reasonable time in advance of your company's notification of owners, purchasers and dealers, in accordance with § 573.13. Your company's plan may incorporate by reference a general reimbursement plan it previously submitted to NHTSA, together with information specific to the individual recall. Information required by § 573.13 that is not in a general reimbursement plan shall be submitted in your company's report to NHTSA. If your company submits one or more general reimbursement plans, your company shall update each plan every two years (§ 573.13). If the vehicles are new and would be covered under the manufacturer's warranty program, please state that in the remedy section of your filing.

**AMENDED 573 REQUIRED.**

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,

A handwritten signature in black ink that reads "Alex Ansley". The signature is fluid and cursive, with a checkmark-like flourish at the end.

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