



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

1200 New Jersey Avenue SE
Washington, DC 20590

March 5, 2025

Mr. Tom Single
Assistant Director
Ford Motor Company
330 Town Center Drive
Suite 500
Dearborn, MI 48126

NEF-107DG
25V-131

Subject: High Voltage Battery May Short Circuit

Dear Mr. Single:

This letter serves to acknowledge Ford Motor Company'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:

FORD/F-150 LIGHTNING/2022-2024

Mfr's Report Date: February 28, 2025

NHTSA Campaign Number: 25V-131

Components:

ELECTRICAL SYSTEM:PROPULSION SYSTEM:TRACTION BATTERY

Potential Number of Units Affected: 950

Problem Description:

Ford Motor Company (Ford) is recalling certain 2022-2024 F-150 Lightning battery electric vehicles. A manufacturing defect in the high voltage battery cells may result in an internal short circuit.

Consequence:

A battery short circuit increases the risk of a fire.

Remedy:

Owners are advised to only charge their vehicles to a maximum of 80% battery capacity until the repair has been completed. Dealers will inspect and replace the high voltage battery array as necessary, free of charge. Owner notification letters are expected to be mailed March 17, 2025. Owners may contact Ford customer service at 1-866-436-7332. Ford's number for this recall is 25S18.

Notes:

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 888-327-4236 (TTY 888-275-9171) or go to [nhtsa.gov](https://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).

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 eight consecutive quarterly reports followed by three annual 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. The first of three consecutive annual status reports will be due on, or before, 1 year after the eighth quarterly report was submitted.

Ford Motor Company's contact for this recall will be Dusty Gardner who may be reached by email at dusty.gardner@dot.gov. We look forward to working with you.

Sincerely,



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