



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

1200 New Jersey Avenue SE
Washington, DC 20590

June 26, 2024

Mr. Thierry Provost
Lion Electric Company
921 Chem. de la Riviere du N
Saint-Jerome 752

NEF-107HG
24V-460

Subject: Reduced Braking and Loss of Power Steering Assist

Dear Mr. Provost:

This letter serves to acknowledge Lion Electric 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:

LION/LIONC/2023-2024

Mfr's Report Date: June 20, 2024

NHTSA Campaign Number: 24V-460

Components:

ELECTRICAL SYSTEM:PROPULSION SYSTEM: CABLES:FASTENER/CONNECTOR

Potential Number of Units Affected: 102

Problem Description:

Lion Electric Company (Lion Electric) is recalling certain 2023-2024 LionC school buses. The controller area network (CAN) connector for the high-voltage battery number 4 was incorrectly installed, which can allow water to accumulate and cause a lost connection with the battery.

Consequence:

A lost connection with the battery can lead to a loss of power steering assist and reduced braking ability, increasing the risk of a crash.

Remedy:

Lion Electric will reinstall and replace the CAN connector as necessary, free of charge. Owner notification letters are expected to be mailed August 12, 2024. Owners may contact Lion Electric customer service at 1-855-546-6706. Lion Electric's number for this recall is R2024-010.

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.

Please ensure the following requirements are met:

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 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.

Lion Electric Company's contact for this recall will be Hensly Guerra who may be reached by email at hensly.guerra1@dot.gov. We look forward to working with you.

Sincerely,



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