

Part 573 Safety Recall Report

21V-968

Manufacturer Name : Lion Electric Company**Submission Date :** DEC 22, 2021**NHTSA Recall No. :** 21V-968**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :****Manufacturer Name :** Lion Electric Company**Number of potentially involved :** 170**Address :** 921, chemin de la Riviere-du-Nord
Saint-Jerome, Quebec, Canada 00 J7Y
5G2**Estimated percentage with defect :** 100 %**Company phone :** 1-855-546-6706**Vehicle Information :****Vehicle 1 :** 2017-2021 Lion LionC**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** HYBRID ELECTRIC**Descriptive Information :** We have determined the number of impacted vehicles with our database and these are all LionC vehicles produced and sold in the United States**Production Dates :** APR 01, 2016 - DEC 10, 2021**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential**Description of Defect :****Description of the Defect :** Failure of the 12V circuit breaker switch could result in loss of steering assist and loss of braking capability (primary and secondary systems). Lion has identified a series of corrections to the 12V circuit to improve the vehicle safety.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** The identified failure is evaluated as one that could occur a few times in the life of a vehicle impacted by this defect. The probability is therefore qualified as "unlikely". However, the impacts of such a failure could represent a human safety issue and a risk of injury and/or death in the event of complete loss of steering and brake assist, if the driver fails to use the emergency hand brake. In the event of such a failure, the hand brake system remains functional and fully operational.**Description of the Cause :** NR

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

September 2, 2021: LionC accident on King Street in Sherbrooke.

September 30: Vehicle inspection by all parties involved at 241 Léger Street in Sherbrooke.

October 6: EPN 835 (Engineering Project Numbers) opening.

October 8: Beginning of the procedure of the preliminary tests.

November 7: Attempts to reproduce the cause of the accident at the vehicular level.

November 26: Identification of the present fix in the test series and validation.

To date, the investigation is still ongoing to identify the cause of the accident.

Description of Remedy :

Description of Remedy Program : All costs will be paid by the Lion Electric Company, We will send teams to do the repairs at the customers

How Remedy Component Differs NR
from Recalled Component :

Identify How/When Recall Condition was Corrected in Production : This recall fix will be implemented on all production vehicles as of December 27

Recall Schedule :

Description of Recall Schedule : Lion plans to send the defect notice to owners of affected vehicles and affected individuals beginning December 20, 2021.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JAN 07, 2022 - JAN 14, 2022

* NR - Not Reported