

# Part 573 Safety Recall Report

## 23V-036

**Manufacturer Name :** Lion Electric Company**Submission Date :** FEB 01, 2023**NHTSA Recall No. :** 23V-036**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :****Manufacturer Name :** Lion Electric Company**Number of potentially involved :** 14**Address :** 921 Chem. de la Rivière du N  
Saint-Jérôme, Quebec, Canada 00 J7Y  
5G2**Estimated percentage with defect :** 100 %**Company phone :** 1-855-546-6706**Vehicle Information :****Vehicle 1 :** 2019-2023 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 sold in the United States.**Production Dates :** JAN 01, 2019 - OCT 03, 2022**VIN Range 1 : Begin :**

NR

**End :** NR☐ Not sequential**Description of Defect :****Description of the Defect :** The rubber mounts used to absorb the vibrations generated by the main hydraulic pump on the LionCs are showing premature wear, which could lead to improper pump mounting.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** A pump with a poor attachment to the structure would increase the risk of loss of steering assist or loss of high voltage to the vehicle. The secondary pump ensures the braking capability of the vehicle. Loss of steering assist or loss of high voltage would increase the risk of a crash.**Description of the Cause :** NR**Identification of Any Warning that can Occur :** NR**Involved Components :**

Component Name 1 : Rubber mount

Component Description : rubber vibration dampener

Component Part Number : 14802721\_00

### Supplier Identification :

#### Component Manufacturer

Name : McMaster-carr

Address : 600 N County Line RD  
Elmhurst Illinois 60126-2034

Country : United States

### Chronology :

- September 22, 2022: Discovery of broken supports in service.
- September 2022 to January 2023: Technical investigation.
- January 23, 2023: Confirmation of defect against Motor Vehicle Safety Regulations and approval of recall proposal by Lion Electric's Safety Committee.
- To this day, the rubber mounts were replaced on two different vehicles. There is no other warranty claim raised by the customers related to this issue.

### Description of Remedy :

Description of Remedy Program : First, a notice will be sent to the owners of the impacted vehicles advising them of the defect and the precautions to take regarding their vehicle. Lion will then contact each customer to determine a date of intervention where a team of technicians will be dispatched to remove the rubber mounts. All costs will be covered by the Lion Electric Company under the warranty program.

How Remedy Component Differs from Recalled Component : The recalled component is removed but will not be replaced with a remedy component.

Identify How/When Recall Condition was Corrected in Production : As a first precaution, the rubber mounts were removed from production as of October 3rd 2022. Further investigation confirmed the necessity of removing the rubber mount and also confirmed that the rubber mount is not necessary to support the main hydraulic pump.

**Recall Schedule :**

Description of Recall Schedule : We don't have any dealer to notify.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : FEB 13, 2023 - FEB 14, 2023

\* NR - Not Reported