

# Part 573 Safety Recall Report

## 22V-952

**Manufacturer Name :** Lion Electric Company**Submission Date :** JAN 17, 2023**NHTSA Recall No. :** 22V-952**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Lion Electric Company

Number of potentially involved : 13

Address : 921, chemin de la Riviere-du-Nord  
Saint-Jerome, Quebec, Canada 00 J7Y  
5G2

Estimated percentage with defect : 50 %

Company phone : 1-855-546-6706

**Vehicle Information :**

Vehicle 1 : 2020-2022 Lion Lion6, Lion8

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : 2-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : We have determined the number of impacted vehicles with our database, and these are all Lion6 and Lion 8 vehicles produced and sold in the United States. We have corrected the defect on the production line, since November 3rd

Production Dates : JAN 01, 2020 - NOV 03, 2022

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential**Description of Defect :**

Description of the Defect : During the assembly of the axle, we found that the fasteners that hold the adjusting rings were not consistently tightened to the required torque on the passenger side, which could lead to the introduction of play into the assembly. These missed adjustment steps could cause premature wear of the suspension and differential components.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this situation, the right-side suspension could fail and separate from the truck frame, resulting in a loss of control of the rear of the vehicle.

The probability of the identified failure is rated as "unlikely". However, the impacts of such a failure could represent a human safety issue and would likely cause an accident.

Description of the Cause : NR

Identification of Any Warning NR  
that can Occur :

### Involved Components :

Component Name 1 : Suspension

Component Description : Axle adjustment ring hardware

Component Part Number : NR

### Supplier Identification :

#### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

### Chronology :

Quality inspectors issued an alert regarding 2 trucks on the production line with the quick fit nut not being tightened enough.

The existence of a safety defect was confirmed the 25th of November 2022, following a detailed investigation by the quality and engineering department. Preventive measure was introduced in production the 3rd of November although investigation and confirmation of the safety defect was not completed.

Service department checked the 8 Lion6's that were in inventory and 4 of them needed the nut on the passenger side tightened.

To this day (2023-01-12), there is no warranty claim raised by the customers related to this issue.

### 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 site.

Apply the recommended torque and replace hardware if necessary.

How Remedy Component Differs from Recalled Component :	The recalled component will stay the same,
Identify How/When Recall Condition was Corrected in Production :	We have corrected the defect on the production line, since November 3rd

Recall Schedule :

Description of Recall Schedule :	We don't have any dealer to notify.
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	APR 06, 2023 - APR 06, 2023

\* NR - Not Reported