

Part 573 Safety Recall Report

20V-028

Manufacturer Name : Lion Electric Company

Submission Date : JAN 20, 2020

NHTSA Recall No. : 20V-028

Manufacturer Recall No. : NR



Manufacturer Information :

Population :

Manufacturer Name : Lion Electric Company

Number of potentially involved : 37

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 : 2018-2020 Lion C

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : We have changed our hydraulic pump supplier. The pressure of the relief valve has been requested at a lower pressure than required. This allows us to identify the vehicles involved.

Production Dates : APR 05, 2018 - DEC 23, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The defect that is the subject of this notice is in relation with the operating pressure of the hydraulic pump located on the accessory plate under the hood at the front of the vehicle. A decrease in hydraulic system pressure can occur during sudden braking move combined with a sudden change of direction. This situation can lead to a reduction or even a loss of driving assistance (power steering and power brake).

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Under conditions that deviate from standard operating conditions, the brake and power steering devices may be affected by lack of pressure from the hydraulic pump.

This defect represents a human safety issue and is likely to cause an accident.

Description of the Cause : The pressure of the relief valve has been requested at a lower pressure than required.

Identification of Any Warning NR
that can Occur :

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

During a road test, a quality technician noted that the steering wheel became difficult to manoeuvre under certain non-standard operating conditions. The head of the department subsequently conducted further tests to confirm the defect.

Description of Remedy :

Description of Remedy Program : The defect will be corrected on vehicles in service by replacing the pressure valve. The inventory of all vehicles impacted by the defect has been validated.
Lion's Electric Company plans to send notice of the defect to the owners of affected vehicles beginning Friday, January 24, 2020.
A Lion representative will contact owners to book an appointment. Lion will cover the costs of this corrective measure.

How Remedy Component Differs from Recalled Component : Component from another supplier "relief valve, Part #VA19-002359

Identify How/When Recall Condition was Corrected in Production : When we discovered that the pressure was too low, we requested an adjustment procedure from our supplier while waiting to receive the replacement valves

Recall Schedule :

Description of Recall Schedule : NR
Planned Dealer Notification Date : NR - NR
Planned Owner Notification Date : JAN 24, 2020 - JAN 31, 2020

* NR - Not Reported