

# Part 573 Safety Recall Report

## 20V-333

**Manufacturer Name :** Lion Electric Company

**Submission Date :** NOV 09, 2020

**NHTSA Recall No. :** 20V-333

**Manufacturer Recall No. :** NR



### Manufacturer Information :

### Population :

Manufacturer Name : Lion Electric Company

Number of potentially involved : 125

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

Estimated percentage with defect : 30 %

Company phone : 1-855-546-6706

### Vehicle Information :

Vehicle 1 : 2012-2020 Lion LionC/Lion360

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

**Descriptive Information :** We established the population, because it's all vehicles sold before the problem was detected. We consulted our database for the list. Subsequently we corrected our production line with the right assembly method.

**Production Dates :** JAN 02, 2012 - APR 06, 2020

VIN Range 1 : Begin :	4VZJN2A96BC075428	End :	4VZJN2A94DC075429	<input type="checkbox"/> Not sequential
VIN Range 2 : Begin :	4VZJP2A97DC076522	End :	4VZJN2A9XEC076523	<input type="checkbox"/> Not sequential
VIN Range 3 : Begin :	4VZJP2A92EC076672	End :	4VZJP2A94EC076673	<input type="checkbox"/> Not sequential
VIN Range 4 : Begin :	4VZJP2A96EC076903	End :	4VZJP2A98EC076904	<input type="checkbox"/> Not sequential
VIN Range 5 : Begin :	4VZJP2A96EC077551	End :	4VZJP2A98EC077552	<input type="checkbox"/> Not sequential
VIN Range 6 : Begin :	4VZJN2A9XEC077641	End :	4VZJN2A93EC077643	<input type="checkbox"/> Not sequential
VIN Range 7 : Begin :	4VZJN2A97FC079185	End :	4VZJN2A99FC079186	<input type="checkbox"/> Not sequential
VIN Range 8 : Begin :	4VZJN2A90FC079190	End :	4VZJN2A92FC079191	<input type="checkbox"/> Not sequential
VIN Range 9 : Begin :	4VZJN2A9XFC079956	End :	4VZJP2A90FC079958	<input type="checkbox"/> Not sequential
VIN Range 10 : Begin :	4VZJP2A94FC079963	End :	4VZJP2A91FC079967	<input type="checkbox"/> Not sequential
VIN Range 11 : Begin :	4VZJN2A95GC080272	End :	4VZJN2A97GC080273	<input type="checkbox"/> Not sequential
VIN Range 12 : Begin :	4VZJN2A93GC080299	End :	4VZJN2A96GC080300	<input type="checkbox"/> Not sequential
VIN Range 13 : Begin :	4VZJN2A99GC080601	End :	4VZJN2A99GC080666	<input type="checkbox"/> Not sequential
VIN Range 14 : Begin :	4VZJN2A92DC076210	End :	4VZJN2A96DC076212	<input type="checkbox"/> Not sequential

**Description of Defect :**

Description of the Defect : The defect which is the subject of this notice relates to the hardware used for fixing the driver's belt. The assembly has several components, some of which are optional. Depending on the assembler and the number of components used, the belt screw could leave only one or no thread on the other side of the nut, thus not guaranteeing the mechanical integrity of the fixing mechanism.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of an impact, the attachment point of the seat belt could come off and compromise the driver's safety. Therefore, this defect represents an issue for human security. No warranty claims and service cases have been identified to date.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

**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 :**

After a Quality Inspection on October 30th, the issue of missing engaged threads was identified. Inspection from the engineering team was performed on November 29th, 2019 and it was determined that the driver seat belt was not installed adequately, and many failure modes were seen. A task force team then inspected 10 other LionC school buses to see if this issue was recurrent on other units. It

was found that 4 other driver seat belt assemblies showed wrong assemblies all different from one another. On December 4th 2019, enough information on the problem was available to find that a defect which relates to motor vehicle safety may exist in the LionC and Lion360 buses mentioned above. by Félix-Antoine Brassard

## Description of Remedy :

Description of Remedy Program : The defect will be corrected by replacing the hardware. The Lion Electric Company plans to send you a validation plan to confirm that the assembly is compliant. Otherwise, the work instructions will be sent to you in order to make the appropriate corrective measures. The Company will assume the costs of this corrective action. The Company allocates an amount of \$25. In order to claim that amount, the warranty claim form must be filled and include the recall number. This form and a picture of the validation must be sent to the following email : [garantie.warranty@thelionelectric.com](mailto:garantie.warranty@thelionelectric.com)

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

## Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JUL 20, 2020 - JUL 24, 2020

\* NR - Not Reported