

# Part 573 Safety Recall Report

## 20E-083

**Manufacturer Name :** First Light Safety Products

**Submission Date :** NOV 16, 2020

**NHTSA Recall No. :** 20E-083

**Manufacturer Recall No. :** NR



### Manufacturer Information :

**Manufacturer Name :** First Light Safety Products

**Address :** 1249 Clarence Ave

Unit 6 Winnipeg 00 R3T1T4

**Company phone :** 216-2605

### Population :

**Number of potentially involved :** 404

**Estimated percentage with defect :** 2 %

### Equipment Information :

**Brand / Trade 1 :** First Light Safety

**Model :** CE Series

**Part No. :** 100342

**Size :** NR

**Function :** NR

**Descriptive Information :** - As this issue is related to material composition, all units sold during this production period have the potential to be affected. For this model there are 108 units possibly effected.

Note: First Light Safety Products is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether the sign unit may have a compromised seal is dependent on the material composition of that specific unit back plate.

**Production Dates :** APR 01, 2020 - OCT 23, 2020

**Brand / Trade 2 :** First Light Safety

**Model :** CE Series

**Part No. :** 100333

**Size :** NR

**Function :** NR

**Descriptive Information :** As this issue is related to material composition, all units sold during this production period have the potential to be affected. For this model, 56 units may be effected.

Note: First Light Safety Products is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether the sign unit may have a compromised seal is dependent on the material composition of that specific unit back plate.

**Production Dates :** APR 01, 2020 - OCT 23, 2020

Brand / Trade 3 : First Light Safety

Model : Saf-T-Liner C2

Part No. : 100130

Size : NR

Function : NR

Descriptive Information : As this issue is related to material composition, all units sold during this production period have the potential to be affected. For this model 79 units may be effected

Note: First Light Safety Products is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether the sign unit may have a compromised seal is dependent on the material composition of that specific unit back plate.

Production Dates : APR 01, 2020 - OCT 23, 2020

Brand / Trade 4 : First Light Safety

Model : Saf-T-Liner C2

Part No. : 100187

Size : NR

Function : NR

Descriptive Information : As this issue is related to material composition, all units sold during this production period have the potential to be affected. For this model, 79 units may be effected. Note: First Light Safety Products is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether the sign unit may have a compromised seal is dependent on the material composition of that specific unit back plate.

Production Dates : APR 01, 2020 - OCT 23, 2020

Brand / Trade 5 : First Light Safety

Model : BB Visions

Part No. : 100231

Size : NR

Function : NR

Descriptive Information : As this issue is related to material composition, all units sold during this production period have the potential to be affected. For this model, 45 units may be effected. Note: First Light Safety Products is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether the sign unit may have a compromised seal is dependent on the material composition of that specific unit back plate.

Production Dates : APR 01, 2020 - OCT 23, 2020

Brand / Trade 6 : First Light Safety

Model : BB Visions

Part No. : 100255

Size : NR

Function : NR

Descriptive Information : As this issue is related to material composition, all units sold during this production period have the potential to be affected. For this model, 37 units may be effected. Note: First Light Safety Products is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether the sign unit may have a compromised seal is dependent on the material composition of that specific unit back plate.

Production Dates : APR 01, 2020 - OCT 23, 2020

### Description of Defect :

Description of the Defect : The perimeter weather seal of the sign unit may become compromised allowing contaminant entry into the unit. This may result in reduced performance of the sign unit. In certain cases, an electrical short may occur which would render the unit inoperable.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the illuminated school bus sign would fail to illuminate, there would be a reduction in oncoming motorist visibility, increasing the risk of a crash. No accidents, injuries, or deaths have been reported to date as a result of this defect.

Description of the Cause : NR

Identification of Any Warning that can Occur : There is no operator warning preceding or during the illuminated sign malfunction.

### Involved Components :

Component Name : Sign Back Plate

Component Description : MECH - ABS BACKPLATE, BB Vision, IC CE, Saf-T Liner C2

Component Part Number : 100255, 100231, 100333, 100342, 100130, 100187

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

10/09/2020 - Customer report of inoperable sign unit.

10/20/2020 - First Light Safety Products obtained failed unit for teardown inspection. Compromised perimeter seal noted.

10/26/2020 - First Light Safety Products was able to identify that certain pieces of the ABS back plate showed reduced adhesion.

10/28/2020 - First Light Safety Products implemented a change to utilize a material that has consistent composition.

11/05/2020 - First Light Safety Products initiated recall.

**Description of Remedy :**

Description of Remedy Program : All vehicle owners will be notified of the recall. All involved vehicle owners for this recall will be provided a repair at no cost under First Light Safety Product's Warranty.

How Remedy Component Differs from Recalled Component : There is significant visual differentiation of the back plate of the product. The recalled component will feature a black textured back plate while the new design will have a glossy white appearance.

Identify How/When Recall Condition was Corrected in Production : The new polycarbonate back plate design was implemented in new production as of 11/2. The inconsistent material was substituted for an alternate material.

**Recall Schedule :**

Description of Recall Schedule : preliminary notifications already completed. Official NHTSA letter to follow.

Planned Dealer Notification Date : DEC 11, 2020 - NR

Planned Owner Notification Date : DEC 11, 2020 - NR

**Purchaser Information :**

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

\* NR - Not Reported