

Part 573 Safety Recall Report

21V-637

Manufacturer Name : PL Custom Emergency Vehicles**Submission Date :** SEP 27, 2021**NHTSA Recall No. :** 21V-637**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : PL Custom Emergency Vehicles

Address : 2201 Atlantic Avenue

Manasquan NJ 08736

Company phone : 732-223-1411

Population :

Number of potentially involved : 4

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2016-2016 Freightliner M2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : This recall involves 7x9 combination LED stop, tail, turn, reverse lamps sold original and replacement equipment for use primarily in emergency vehicles. The recall population was determined by reviewing production and shipping records for vehicles equipped with the subject lamps. All vehicles with these lamps will be included in the scope.

Production Dates : MAY 05, 2015 - MAY 03, 2016

VIN Range 1 : Begin : 1FVACWDU1GHHL9456 End : 1FVACWDU1GHHL9459 ☐ Not sequential**Description of Noncompliance :**

Description of the Noncompliance : The subject lamps exceed the maximum permissible candela levels specified in Federal Motor Vehicle Safety Standard (FMVSS) No. 108 at certain test points.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : The increased photometric intensity does not comply with the requirements of FMVSS 108 and may adversely affect the vision of following drivers, increasing the risk of a vehicle crash without warning.

Description of the Cause : The lamps do not meet the requirements of the relevant standard.

Identification of Any Warning that can Occur : N/A

Involved Components :

Component Name 1 : Code 3 Stop/Turn/Tail/Reverse Light

Component Description : Code 3 Stop/Turn/Tail/Reverse Light, 7"x9", All-in-One LED

Component Part Number : 79STTRBZ

Supplier Identification :

Component Manufacturer

Name : ECCO Holdings

Address : 833 West Diamond
Boise Idaho 83705

Country : United States

Chronology :

March 30 and 31, 2020 - Photometry testing was conducted by the lamp manufacturer in connection with a change in their suppliers for the PCB assembly used in the subject lamps. This testing showed elevated intensity levels in one of the tested lamps.

May-June, 2020 - The lamp manufacturer conducted an investigation into the production and design history of the lamp, obtained additional samples for testing, and, on June 14 and 15, 2020, conducted additional photometry tests on sample lamps.

June 15, 2020 - Based upon the testing and other information developed during the investigation, company management for the lamp manufacturer decided that a noncompliance with FMVSS 108 exists within the subject population.

Description of Remedy :

Description of Remedy Program : Customers will be instructed to contact Code 3 to obtain a filter kit (Part No. CZ0199) free of charge. Installation of the filter kit will ensure that the lamps perform within the permissible photometric intensity ranges. All of the subject lamps would be covered under the manufacturer's warranty / goodwill program. Therefore, pursuant to 49 CFR 577.11(e), we request an exemption from the reimbursement plan requirements.

How Remedy Component Differs from Recalled Component : The remedy involves installation of a filter kit that will ensure that the lamps perform within the permissible photometric intensity ranges.

Identify How/When Recall Condition was Corrected in Production : The lamps in question were only used in four vehicles manufactured for the same customer. The four vehicles started production 05/05/2015 and were delivered 05/03/2016. Those specific lamps were not used on any other vehicles after those four units.

Recall Schedule :

Description of Recall Schedule : We will notify our dealers in accordance with the "Planned Dealer Notification" schedule shown herein. The "Planned Owner Notification" schedule provided herein is an estimate; actual timing is dependent upon our customers.

Planned Dealer Notification Date : AUG 13, 2021 - AUG 20, 2021

Planned Owner Notification Date : AUG 20, 2021 - AUG 27, 2021

* NR - Not Reported