

Part 573 Safety Recall Report

23V-889

Manufacturer Name : Prevost Car (US) Inc.**Submission Date :** DEC 22, 2023**NHTSA Recall No. :** 23V-889**Manufacturer Recall No. :** SR24-03**Manufacturer Information :**

Manufacturer Name : Prevost Car (US) Inc.

Address : 201 South Avenue
South Plainsfield NJ 07080

Company phone : 908-222-7211

Population :

Number of potentially involved : 2,097

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2014-2018 Prevost H3-41

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The population was determined based on the production period and the information provided by the supplier (Ricon - see NHTSA Recall 23E091). The subject vehicles are certain MY2014 and MY2018 Prevost H3-41 vehicles manufactured during the indicated production dates. The recalled products are limited to these specific vehicles since they were the only ones equipped with a wheelchair lift "Threshold Warning System" recalled by Ricon.

A total of 2 MY2014 and 2 MY2018 Prevost H3-41 vehicles are affected by the recall.

Production Dates : DEC 17, 2013 - MAY 11, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2013-2024 Prevost H3-45

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The population was determined based on the production period and the information provided by the supplier (Ricon - see NHTSA Recall 23E091). The subject vehicles are certain MY2013 to MY2024 Prevost H3-45 vehicles manufactured during the indicated production dates. The recalled products are limited to these specific vehicles since they were the only ones equipped with a wheelchair lift "Threshold Warning System" recalled by Ricon.

A total of 44 MY2013, 50 MY2014, 45 MY2015, 98 MY2016, 69 MY2017, 25 MY2018, 61 MY2019, 66 MY2020, 13 MY2022, 43 MY2023, and 32 MY2024 Prevost H3-45 vehicles are affected by the recall.

Production Dates : JUN 06, 2012 - OCT 03, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2012-2024 Prevost X3-45

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The population was determined based on the production period and the information provided by the supplier (Ricon - see NHTSA Recall 23E091). The subject vehicles are certain MY2012 to MY2024 Prevost X3-45 vehicles manufactured during the indicated production dates. The recalled products are limited to these specific vehicles since they were the only ones equipped with a wheelchair lift "Threshold Warning System" recalled by Ricon.

A total of 2 MY2012, 76 MY2013, 144 MY2014, 128 MY2015, 219 MY2016, 122 MY2017, 134 MY2018, 166 MY2019, 131 MY2020, 17 MY2021, 1 MY2022, 36 MY2023, and 4 MY2024 Prevost X3-45 vehicles are affected by the recall.

Production Dates : MAY 08, 2012 - SEP 18, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2017-2023 Prevost X3-45 Commuter
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : The population was determined based on the production period and the information provided by the supplier (Ricon - see NHTSA Recall 23E091). The subject vehicles are certain MY2017 to MY2023 Prevost X3-45 Commuter vehicles manufactured during the indicated production dates. The recalled products are limited to these specific vehicles since they were the only ones equipped with a wheelchair lift "Threshold Warning System" recalled by Ricon.

A total of 1 MY2017, 31 MY2018, 5 MY2019, 1 MY2020, 152 MY2021, 88 MY2022, and 89 MY2023 Prevost X3-45 Commuter vehicles are affected by the recall.

Production Dates : DEC 23, 2016 - OCT 21, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Per Ricon's Recall 23E091, the light intensity of the red beacons included in certain "Threshold Warning System" supplied by Ricon does not comply with the minimum light requirement of 20 candelas as specified in FMVSS 403, section S6.1.4.

FMVSS 1 : 403 - Platform lift systems

FMVSS 2 : NR

Description of the Safety Risk : Per Ricon's Recall 23E091, "a warning beacon light that displays below the minimum level of candelas may be less visible to users located near an out of position platform lift and may increase the risk of injury".

Description of the Cause : The issue results from a supplier FMVSS non-compliance issue. Per Ricon's Recall 23E091: "Threshold Warning System Kit PN RI32885 contains two red beacons. Each beacon is configured with two incandescent bulbs. Ricon has determined that the wattage rating of the bulbs is not sufficient to produce the minimum light intensity of 20 candela specified in FMVSS 403, section S6.1.4."

Identification of Any Warning that can Occur : There is no warning with this issue.

Involved Components :

Component Name 1 : Threshold Warning System

Component Description : Threshold Warning System

Component Part Number : 563592 (Prevost P/N)

Supplier Identification :

Component Manufacturer

Name : Ricon Corporation

Address : 1135 Aviation Place
San Fernando California 91340

Country : United States

Chronology :

2023-11-21 Ricon informed Prevost that a non-compliance with FMVSS 403 has been discovered in certain "Threshold Warning System" kits sold to Prevost.

2023-12-05 Internal Prevost investigation was opened to determine if the issue is potentially safety related or a non-compliance. Prevost considered the information included in Ricon's Recall 23E091 when evaluating the existence of a potential non-compliance.

2023-12-06 Preliminary internal testing was performed with a beacon integrated in a Prevost vehicle. The minimum light intensity of 20 candela specified in FMVSS 403 was not achieved during this preliminary internal testing.

2023-12-14 Case was presented on Volvo Product Safety Evaluation Committee (PSEC) to evaluate if there is a potential non-compliance issue. Decision made to raise the potential non-compliance issue to Volvo Product Safety Committee (PSC) for review and determination.

2023-12-19 Case was presented to Volvo Product Safety Committee (PSC). It was concluded that there was a non-compliance and that a recall is needed.

2023-12-19 Delivery stop was issued to stop the delivery of vehicles until corrective actions are implemented in production.

2023-12-21 Internal campaign was launched to solve the issue on all vehicles in production before being delivered.

2023-12-22 Defect Information Report submitted to authorities.

No warranty claims related to this issue. No field reports, incidents, accidents, injury, or fatality were reported.

Description of Remedy :

Description of Remedy Program : Prevost will replace the red beacon included in the "Threshold Warning System" on all potentially affected vehicles as per the supplier's instructions. Letters will be sent to customers to inform them on how to proceed. Prevost will execute this correction free of charge (parts and labor) for the customers. In case a customer has already inspected and corrected this defect before the safety recall has been launched, this customer will be reimbursed according to Prevost reimbursement plan.

How Remedy Component Differs from Recalled Component : The issue concerns a component that does not comply with FMVSS 403, and not a defective component. After the remedy, the beacon supplied and installed per Ricon's instructions will comply with the requirements of FMVSS 403.

Identify How/When Recall Condition was Corrected in Production : The recall condition was corrected in production on December 21, 2023, when an internal campaign was launched. All vehicles are corrected prior to delivery.

Recall Schedule :

Description of Recall Schedule : Please note that Prevost does not have a dealer network and the dates entered for the planned dealer notification begin/end date are only to avoid NHTSA Recall Portal error while submitting the recall report.

Planned Dealer Notification Date : FEB 09, 2024 - FEB 09, 2024

Planned Owner Notification Date : FEB 09, 2024 - FEB 09, 2024

* NR - Not Reported