

Part 573 Safety Recall Report

23V-890

Manufacturer Name : Volvo Bus Corporation

Submission Date : MAY 14, 2024

NHTSA Recall No. : 23V-890

Manufacturer Recall No. : SR24-81



Manufacturer Information :

Manufacturer Name : Volvo Bus Corporation

Address : SE-405-08

GOTHENBURG, SWEDEN 00 000000

Company phone : 999

Population :

Number of potentially involved : 193

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2013-2021 Volvo 9700

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 MY2021 Volvo 9700 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 18 MY2013, 33 MY2014, 20 MY2015, 22 MY2016, 14 MY2017, 33 MY2018, 23 MY2019, 25 MY2020, and 5 MY2021 Volvo 9700 vehicles are affected by the recall.

Production Dates : MAY 07, 2012 - OCT 19, 2020

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

Identification of Any Warning
that can Occur :

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.”
There is no warning with this issue.

Involved Components :

Component Name 1 : Wheelchair Lift

Component Description : Wheelchair Lift

Component Part Number : 21294123 (Volvo P/N)

Component Name 2 : Wheelchair Lift

Component Description : Wheelchair Lift

Component Part Number : 21511355 (Volvo P/N)

Component Name 3 : Wheelchair Lift

Component Description : Wheelchair Lift

Component Part Number : 22431798 (Volvo 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 Volvo investigation was opened to determine if the issue is potentially safety related or a non-compliance. Volvo considered the information included in Ricon’s Recall 23E091 when evaluating the existence of a potential non-compliance.

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.

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

2024-02-08 The Planned Owner Notification Dates were updated in the Defect Information Report.

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 did not need to be corrected in production as the non-compliant component is no longer installed in vehicles currently being manufactured at the Mexico manufacturing facility.

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 :	JUL 15, 2024 - JUL 15, 2024
Planned Owner Notification Date :	JUL 15, 2024 - JUL 15, 2024

* NR - Not Reported