

Part 573 Safety Recall Report

22V-917

Manufacturer Name : Volvo Bus Corporation**Submission Date :** JAN 10, 2023**NHTSA Recall No. :** 22V-917**Manufacturer Recall No. :** SR23-82**Manufacturer Information :**

Manufacturer Name : Volvo Bus Corporation

Address : SE-405-08

GOTHENBURG, SWEDEN 00 000000

Company phone : 999

Population :

Number of potentially involved : 20

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 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 location as it is a production issue.

The concerned vehicles are certain MY2022 Volvo 9700 buses manufactured during the indicated production dates.

The recalled products are limited to these specific vehicles since they were the only ones equipped with the factory installed non-Volvo GPS electrical devices.

A total of 20 MY2022 Volvo 9700 vehicles are affected by the recall.

Production Dates : SEP 27, 2021 - OCT 25, 2021

VIN Range 1 : Begin : NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Certain vehicles were equipped with inadequately installed GPS devices. The incorrect electrical installation of the device may cause an accelerator pedal sensor malfunction. In this event, the vehicle could experience an unexpected intermittent or complete loss of motive power.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An unexpected loss of motive power can increase the risk of crash without prior warning. A loss of motive power may also require a passenger evacuation in traffic and other potential hazards, which increases the risk of injuries. Prevost has not received any reports of death or injury associated

with this defect. Therefore, we consider this as a proactive measure to protect the public from the potential risk associated with this defect.

Description of the Cause : During the vehicle manufacturing, certain wires of the GPS device were connected to the incorrect circuits by Volvo technicians (installation error; incorrect installation instructions were provided to the Volvo technicians).

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

Involved Components :

Component Name 1 : Accelerator pedal
Component Description : Accelerator pedal and sensor
Component Part Number : 23260897

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

2022-07-01 One field report involving one vehicle was received.

2022-07-01 Internal Volvo and Prevest investigation was opened to identify the root cause and to determine if the issue is safety related.

2022-09-26 Case was presented on Volvo Product Safety Working Group (PSWG) to evaluate if there is a potential safety related issue. It was concluded that further investigation was required to complete the assessment.

2022-11-08 Case was reviewed on Volvo Product Safety Working Group (PSWG) to evaluate if there is a potential safety related issue. Decision made to raise the potential issue to the Product Safety Committee (PSC) for review and determination.

2022-12-08 Case was presented to Volvo Product Safety Committee (PSC). It was concluded that there was a

safety related defect and that a recall is needed.

2022-12-12 Safety Recall report submitted to authorities.

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

Description of Remedy :

Description of Remedy Program : Prevost will inspect and, if required, adequately reinstall the GPS devices on all potentially affected vehicles. 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 an inadequately installed component, and not a defective component. After the remedy, the GPS device will be adequately installed on the vehicle.

Identify How/When Recall Condition was Corrected in Production : Considering that the issue involves non-Volvo GPS devices that were only installed on a small number of vehicles per a specific client's request, the recall condition was corrected in production on 2021-10-25 after the last vehicle equipped with the device was built. Other than the subject population, no additional vehicles were equipped with the GPS device. To avoid similar issues in the future, the process that aims to validate the installation instructions of non-Volvo components has been reviewed by Volvo.

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 : JAN 31, 2023 - JAN 31, 2023

Planned Owner Notification Date : JAN 31, 2023 - JAN 31, 2023

* NR - Not Reported