

Part 573 Safety Recall Report

24V-959

Manufacturer Name : Gillig, LLC
Submission Date : DEC 27, 2024
NHTSA Recall No. : 24V-959
Manufacturer Recall No. : NR

**Manufacturer Information :**

Manufacturer Name : Gillig, LLC
Address : 451 Discovery Drive
 Livermore CA 94551
Company phone : 1-800-735-1500

Population :

Number of potentially involved : 332
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2024 GILLIG Low Floor
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : NR

Descriptive Information : GILLIG is recalling a limited population of battery electric vehicles due to elevated risk of High-Voltage exposure.

Production Dates : JAN 23, 2023 - DEC 02, 2024

VIN Range 1 : Begin : 15GGD2816P3198324 **End :** 15GGD2810R3199986 Not sequential

Description of Defect :

Description of the Defect : GILLIG had determined that the electric air compressor of a limited population of Gen. 3.0 battery electric buses is not connected to the High-Voltage Interlock Loop (HVIL) of the vehicle. As a result, GILLIG has decided to voluntarily initiate a safety recall campaign of the vehicle population that may be affected by the issue.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The HVIL is a critical safety feature of the EV powertrain, designed to protect individuals during the repair, maintenance and operations of the vehicle by preventing accidental contact with High-Voltage live components. Due to a design flaw, the Air-Squared high-voltage air compressor of the vehicle is not connected to the HVIL loop. Therefore, a disconnection or loosening of the compressor high-voltage power cable may go undetected, potentially exposing individuals to dangerous High-Voltage levels, increasing the risk of injury by electrical shock.

Description of the Cause : NR

Identification of Any Warning that can Occur : GILLIG is not aware of any early warning.

Involved Components :

Component Name 1 : HVIL

Component Description : HVIL low-voltage circuit cable

Component Part Number : Part# 50-79851-002/003

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

12/04/2024 A potential design flaw affecting the vehicle HVIL cable design was noticed during vehicle production at the plant and escalated to the GILLIG engineering team.

12/05/2024 a ship hold was initiated for all vehicles still at the plant and ready to ship.

12/13/2024 GILLIG completed population analysis and identified a total of 332 vehicles that will need to be recalled for repair.

12/16/2024 GILLIG's Safety Committee decided to file a formal Safety recall with NHTSA.

Description of Remedy :

Description of Remedy Program : All vehicle owners involved will be notified of the recall and all affected vehicles will be corrected at no cost to the customer. All vehicles recalled will be equipped with an additional electrical harness to extend the HVIL loop to the air compressor. Pursuant to 49 CFR 577.11 (e), Gillig requests to be exempted from providing a pre-notification reimbursement plan. Pre-notification product failures would have been addressed under the terms of Gillig's warranty.

How Remedy Component Differs from Recalled Component : An additional HVIL jumper cable Part# 50-79851-002/003.

Identify How/When Recall Condition was Corrected in Production : Last affected bus was built on 12/2/2024. Any future battery electric Gen 3.0 vehicle will use a new-design HVIL harness.

Recall Schedule :

Description of Recall Schedule : Recall notices will be sent as soon as NHTSA approves the draft letter. GILLIG does not have a dealer network. Therefore, dealer notification is not required for this recall.

Planned Dealer Notification Date : FEB 01, 2025 - FEB 01, 2025

Planned Owner Notification Date : FEB 01, 2025 - FEB 01, 2025

* NR - Not Reported