

# Part 573 Safety Recall Report

## 24V-958

**Manufacturer Name :** Gillig, LLC  
**Submission Date :** DEC 20, 2024  
**NHTSA Recall No. :** 24V-958  
**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 :** 201  
**Estimated percentage with defect :** 100 %

**Vehicle Information :**

**Vehicle 1 :** 2021-2024 GILLIG Low Floor  
**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES  
**Body Style :** OTHER  
**Power Train :** CNG/LPG  
**Descriptive Information :** GILLIG is recalling a limited bus population due to possible fire suppression relay failures.  
**Production Dates :** AUG 20, 2021 - JAN 05, 2024  
**VIN Range 1 : Begin :** 15GGD3110M3196739 **End :** 15GGD3110M3199666  Not sequential

**Description of Defect :**

**Description of the Defect :** GILLIG has determined that the Gigavac 500 Amp bi-stable relay installed inside the rear engine compartment of the vehicle, may experience a failure due to mechanical interference with the adjacent mounting bolt. 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 :** Friction fit between the relay body and the mounting bolt may cause damage of the relay insulation sleeve, with possible thermal event and elevated risk of vehicle fire.

**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 : relay cable

Component Description : Power cable to fire suppression relay

Component Part Number : Part# 50-37201-011S

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

10/28/2024 GILLIG Service opened a case file due to a relay failure observed on a customer vehicle.

11/01/2024 An onsite field inspection of the fleet potentially affected (limited to one customer), reported no signs of electrical short and a 100% pass rate.

During the month of November, an investigation was launched to understand the nature of the issue and the failed parts

were received by GILLIG to initiate failure analysis.

12/04/2024 After an additional on-site inspection, the root cause was identified as the power cable Part# 50-37201-011S

being too short and therefore causing a tight bend on the cable positive terminal. This condition causes friction between

the relay mounting bolt and the insulation sleeve of the relay.

12/13/2024 GILLIG completed population analysis and identified a total of 201 vehicles in the field that will need to be

recalled for repair. There is only one customer affected.

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. The corrective action consists of a newly designed relay power cable. 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 : The corrective action consists of a longer relay power cable, part# 50-37209-009S that will substitute the current part# 50-37201-009S.

Identify How/When Recall Condition was Corrected in Production : Last affected bus was built on 1/5/2024. Any future vehicle manufactured for this specific customer will incorporate the cable updates.

### 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