

Part 573 Safety Recall Report

20V-179

Manufacturer Name : Gillig LLC**Submission Date :** MAR 25, 2020**NHTSA Recall No. :** 20V-179**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 : 8,224

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2012-2020 GILLIG LOW FLOOR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Circuit breaker rating too high

Production Dates : MAY 30, 2012 - FEB 27, 2020

VIN Range 1 : Begin : 15GGD2714C1179812 End : 15GGD2714L3194251 Not sequential**Description of Defect :**

Description of the Defect : GILLIG has determined that circuit breaker ratings on the DEF Line Heater circuit and the Aftertreatment-Ignition circuit are higher than the rating for the wire and connector. In this condition, an electrical short in either of these circuits may potentially increase the risk of a thermal event.

As a result of the above, 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 : An electrical short in either circuit may potentially increase the risk of a thermal event

Description of the Cause : The circuit breaker ratings on the DEF Line Heater circuit and the Aftertreatment-Ignition circuit are higher than the rating for the wire and connector

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

12/20/2019 GILLIG was notified of several occurrences involving buses with evidence of excess current at a connector which has multiple circuits running through it.

01/18/2020 GILLIG received an additional report that this same connector had melted.

1/21/2020 GILLIG sent engineers to investigate the vehicle with the melted connector. The conclusion was that the original circuit breaker sizing would not protect the connector from overcurrent from a short in either the DEF line heater or the Aftertreatment-ignition circuits.

2/27/2020 GILLIG began building all production buses with 6A (IPO 15A) breakers on the DEF line heater circuit and 10A (IPO 15A) on the Aftertreatment-Ignition circuit

3/23/2020 GILLIG had a cross functional review of the corrective action proposed for vehicles in service.

03/25/2020: GILLIG decided to voluntarily file a formal safety recall with NHTSA

Description of Remedy :

Description of Remedy Program : The remedy consists in replacing the original circuit breakers for the DEF line heater and Aftertreatment-Ignition circuits with properly sized circuit breakers at no cost to the customer

How Remedy Component Differs from Recalled Component : Different breaker rating as marked on breaker body

Identify How/When Recall Condition was Corrected in Production : Starting on Feb.27 2020, all production buses were built with 6A (IPO 15A) breakers on the DEF line heater circuit and 10A (IPO 15A) on the Aftertreatment-Ignition circuit.

Recall Schedule :

Description of Recall Schedule : GILLIG plans to send out owner notification letters between April 24 and April 31, 2020

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : APR 24, 2020 - APR 30, 2020

* NR - Not Reported