

Part 573 Safety Recall Report

21V-291

Manufacturer Name : Gillig, LLC
Submission Date : APR 23, 2021
NHTSA Recall No. : 21V-291
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 : 229
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2021 GILLIG 29, 35, 40-foot LOW FLOOR and BRT
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : CNG/LPG
Descriptive Information : Gillig is recalling certain MY 2020 to 2021 Low Floor and BRT buses powered by Compressed Natural Gas. The street side CNG roof door is not sufficiently retained in closed position and may experience accidental opening.
Production Dates : JUL 20, 2020 - MAR 08, 2021
VIN Range 1 : Begin : 15GGD3115L3194936 **End :** 15GGE3110M3093673 Not sequential

Description of Defect :

Description of the Defect : A limited number of CNG buses have experienced accidental openings of the street side CNG roof door during normal vehicle operations.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An accidental door opening during normal vehicle operations poses a safety risk due to possible collision of the door structure with surrounding vehicles or with the road infrastructure.

Description of the Cause : The original door locking concept consists of the inboard edge of the curbside door intentionally designed to overlap the mating edge of the street side door thus preventing such door from unintentional opening. On a limited number of buses, the amount of overlap was found insufficient to hold and prevent the street side door from opening during certain circumstances.

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 :

02/18/2021 GILLIG received a report of unit #192796 whose street side CNG door accidentally opened while in transit service with Cleveland Transit Authority. GILLIG engineering initiated a root-cause analysis to determine the possible cause of the failure.

03/09/2021 The root cause was identified of insufficient overlap between the curb and street side doors. GILLIG engineering identified a possible corrective action consisting of a new bracket that provides points of additional overlap and physically engages with the curb side locks.

03/09/2021 GILLIG implemented a stop ship, all unshipped units on the property were retained and preventively modified by introducing the corrective action above.

03/11/2021 GILLIG resumed vehicle shipping, after implementation of the corrective action.

03/29/2021 GILLIG continued to receive reports related to early units affected by the issue. A total of six (6) reports were received by this date.

04/20/2020 GILLIG completed population analysis and identified 229 buses potentially affected.

04/20/2020 GILLIG decided to voluntarily file a formal safety recall with NHTSA.

Description of Remedy :

Description of Remedy Program : All potentially affected buses already in the field, will be retrofitted to include the permanent corrective action implemented in production and at no-cost to the customer.

How Remedy Component Differs from Recalled Component : A retrofit kit part no. 10-83281-002 consisting of new locking plate, overlap bracket and necessary mounting hardware.

Identify How/When Recall Condition was Corrected in Production : GILLIG implemented the permanent corrective action in production on 03/09/2021.

Recall Schedule :

Description of Recall Schedule : Recall notices will be sent as soon as NHTSA approves the draft letter.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : MAY 17, 2021 - MAY 21, 2021

* NR - Not Reported