

Part 573 Safety Recall Report

19V-451

Manufacturer Name : Gillig LLC**Submission Date :** JUN 19, 2019**NHTSA Recall No. :** 19V-451**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 : 25

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2019 Gillig Low Floor

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : The Transpec roof hatch model T287X Series is affected by a defect causing field failures of the glass lid. The foregoing hatch was installed as standard OEM equipment on a limited population of Gillig buses. The hatch model subject to voluntary recall is Transpec roof hatch, part No. T287X series, 24" x 24" manufactured between August 01, 2018 and February 22, 2019.

The present Gillig recall is related to Transpec equipment recall# 19E-017 and is aimed to correct those vehicles equipped with the defected parts.

Production Dates : AUG 01, 2018 - MAY 06, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Defect :****Description of the Defect :** Failure of the tempered glass used in T287X Series glass roof hatches

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Failure (breakage) of the tempered glass panel causing small shattered glass fragments to fall on bus passengers. No risk to driver of vehicle due to installation location of hatches within the vehicles.

Description of the Cause : Based on information provided by Transpec, failures result from hot/cold stress and vibration/shock affecting edge defects (chips) in the glass panels. Resulting stress concentration at the chips can result in fracture and failure of the tempered glass if edge damage is present.

Identification of Any Warning that can Occur : No warning or early indicator of failure has been observed. All failures to date have occurred shortly after installation into the vehicle.

Supplier Identification :

Component Manufacturer

Name : Specialty Manufacturing Co.
Address : 13501 South Ridge Drive
Charlotte NORTH CAROLINA 28273
Country : United States

Chronology :

On June 12, 2019 Gillig was formally notified by NHTSA about the equipment recall# 19E-017 filed by Specialty Manufacturing Co. and related to a defect affecting a limited population of glass roof hatches.
On June 13, 2019 Gillig submitted its own defect report to NHTSA to recall the corresponding vehicle population equipped with the glass hatches affected by the defect.

Description of Remedy :

Description of Remedy Program : Specialty Manufacturing Co. will supply replacement hatch lids to all affected customers. Replacement of the lid involves removal of one shoulder bolt, removal of existing hatch lid, and re-installation of new lid and bolt. Manufacturer will reimburse customers \$25 for labor for each hatch lid replaced

How Remedy Component Differs from Recalled Component : According to Specialty Manufacturing Co. all emergency escape roof hatch lids corresponding to the listed dates, part numbers T287X, will be replaced with new lids that incorporate a thicker glass material as well as a high grade edge polish. This new glass is 2X stronger than the previous version and the new edge polish will eliminate any edge defects from the glass manufacturer. The edge polish will also allow for visual inspection/identification of any defects resulting from transportation of the glass or from the hatch assembly process.

Identify How/When Recall Condition was Corrected in Production : According to Specialty Manufacturing Co. , all previous glass material has been removed from production and placed in secure quarantine. All new production will proceed with the updated, thicker/polished edge glass.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JUL 13, 2019 - JUL 31, 2019

* NR - Not Reported