

# Part 573 Safety Recall Report

# 17V-099

**Manufacturer Name :** Gillig LLC  
**Submission Date :** FEB 24, 2017  
**NHTSA Recall No. :** 17V-099  
**Manufacturer Recall No. :** NR

**Manufacturer Information :**

**Manufacturer Name :** Gillig LLC  
**Address :** 25800 Clawiter  
 Hayward CA 94545  
**Company phone :** 1-800-735-1500

**Population :**

**Number of potentially involved :** 2,787  
**Estimated percentage with defect :** 100 %

**Vehicle Information :**

**Vehicle 1 :** 2016-2017 GILLIG LLC LOW FLOOR  
**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES  
**Body Style :** ALL  
**Power Train :** NR

**Descriptive Information :** Certain Hamsar brand right and left front LED turn signals with integrated side reflex reflectors do not fully comply with all of the requirements of FMVSS 108.

**Production Dates :** AUG 04, 2016 - FEB 02, 2017

**VIN Range 1 : Begin :** 15GGE2712G1093028 **End :** 15GGD2716H1189894  Not sequential

**Description of Noncompliance :**

**Description of the Noncompliance :** Gillig has determined that certain Hamsar brand right and left front LED turn signals with integrated side reflex reflectors installed on standard profile (non-BRT) Gillig Low Floor buses do not fully comply with the all requirements of FMVSS 108. Additional units of the same lights were also sold as new replacement equipment or provided under warranty (Gillig Part No. 51-75367-000).

**FMVSS 1 :** 108 - Lamps, reflective devices, and assoc. Equipment

**FMVSS 2 :** NR

**Description of the Safety Risk :** Turn signal lights and reflectors that do not meet the photometry requirements of FMVSS 108 may not be sufficiently visible to other drivers or pedestrians, potentially increasing the risk of a crash.

**Description of the Cause :** A new LED turn signal unit with integrated side reflex reflector was designed and certified as compliant with FMVSS 108 using an axis of reference that did not correspond to the actual orientation of the lighting as installed on the bus. As a result, the affected units do not meet the front turn signal photometry requirements of FMVSS 108 for some test conditions when tested at their final installation angle. Additional units of the same lights were also sold as replacement equipment or provided to customers under warranty.

Identification of Any Warning NR  
that can Occur :

## Supplier Identification :

### Component Manufacturer

Name : Hamsar Diversco  
Address : 5320 Downey Street  
Burlington FOREIGN STATES L7L 6M2  
Country : Canada

## Chronology :

08/04/2016 – Gillig began using a new LED turn signal unit design with integrated side reflex reflector in its standard profile (non-BRT) low floor bus model.  
08/26/2016 – Gillig sold the first of these units through its aftermarket parts department.  
12/22/2016 – Gillig received a customer complaint claiming that the redesigned turn signal unit (Part No. 51-75367-000) did not appear to be sufficiently visible when viewed from the front of the bus.  
01/25/2017 – Gillig received a similar customer complaint related to the visibility of the 51-75367-000 unit and initiated a technical evaluation of the design, including new compliance validation testing.  
02/03/2017 – The supplier of the new design (Hamsar) provided Gillig with a compliance test report that indicated that the turn signals and side reflex reflectors do not meet the requirements of FMVSS 108 for all test conditions when tested at the orientation that they are installed on the bus (mounted approximately 37 degrees from forward facing). Gillig began a comprehensive review of vehicles and parts sold/or provided under warranty to confirm the supplier's test results and determine the affected population.  
02/14/2017 – Following review and analysis of all data, Gillig decided to initiate a voluntary recall.

## Description of Remedy :

Description of Remedy Program :	All vehicle owners, aftermarket part purchasers, and warranty claimants will be notified of the recall. All noncompliant LED turn signal-reflector units with the affected part number will be replaced at no cost to the owner.
How Remedy Component Differs from Recalled Component :	The remedy components have been designed and tested to be compliant with FMVSS 108 at the orientation at which they are installed on the vehicle. Gillig will also conduct independent third-party compliance testing to confirm supplier certification results for all remedy components.
Identify How/When Recall Condition was Corrected in Production :	Starting on the date the noncompliance data was received (2/3/2017), all undelivered vehicles were held at the factory and not sold until compliant remedy components could be installed. A stop sale was also placed on that

date for all sales of replacement and warranty parts of the affected units. All buses produced on or after 2/9/2017 have the redesigned FMVSS 108 compliant turn signal unit and reflectors installed.

**Recall Schedule :**

Description of Recall Schedule : Gillig plans to send out owner notification letters between March 31, 2017 and April 14, 2017.  
Planned Dealer Notification Date : MAR 31, 2017 - APR 14, 2017  
Planned Owner Notification Date : MAR 31, 2017 - APR 14, 2017

\* NR - Not Reported