

**Safety Defect and Noncompliance Report Guide for Vehicles
Part 573 Defect and Noncompliance Responsibility and Reports**

On April 21, 2014 Gillig LLC decided that a defect which relates to motor vehicle safety exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Responsibility and Reports.

Date this report was prepared: April 25, 2014

Furnish the manufacturer's identification code for this recall (if applicable): N/A

1) Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled vehicle is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

Gillig LLC
25800 Clawiter Road
Hayward, Ca 94545

Identify the corporate official, by name and title, whom the agency should contact with respect to this recall.

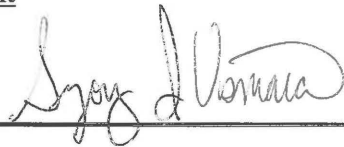
Gregory J. Vismara
Vice President

Telephone number: 510-264-5037 **Fax Number:** 510-264-3897

Name and Title of Person who prepared this report:

Gregory J. Vismara
Vice President

Signed:



I. Identify the Vehicle Models Involved in the Recall

2. Identify the Vehicles Involved in the Recall:

Make(s): Gillig **Model Years Involved:** 2012-2014 **Model(s):** Lowfloor

Production Dates: Beginning: 10/15/2012 **Ending:** 3/26/2014

VIN Range: Beginning: 91925 **Ending:** 184607 (not sequential)

Vehicle Type: Transit Bus **Body style:** Lowfloor

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Effected vehicles are equipped with electrical harnesses with overmolded J1939 connectors and non-insulated drain wires.

Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture provided above, that the recalled model population represents. 100%

II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.

<u>Model</u>	<u>Year</u>	<u>Number of Vehicles Potentially Involved</u>
Lowfloor	2012-2014	2274

Total Number Potentially Affected by the Recall: 2274

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: 100%

Identify and describe how the recall population was determined – in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

The production implementation date for harnesses with the overmolded connector identifies the first suspect vehicle. The production implementation date for the harnesses with the heat shrink connector identifies the last suspect vehicle. The production schedule defines all the vehicles produced in between those dates.

III. Describe the Defect or Noncompliance

5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or non-compliance. Illustrations should be provided as appropriate.

J1939 cabling incorporated in the electrical harnesses in the engine, transmission, and DC/DC converter compartments use an overmold process at the cable to connector junction. The overmold may not provide sufficient resistance to water/corrosive chemical entry to the backside of the connector. The absence of the heat shrink tubing on the drain wire may allow the water/corrosive chemicals on the backside of the connector to migrate through the seal into the terminals inside the connector.

Describe the causes(s) of the defect or noncompliance condition.

The overmold material adhesion to the connector body and the cable sheath is insufficient. Heat shrink tubing on the drain wire was omitted.

Describe the consequence(s) of the defect of noncompliance condition.

Corrosion at the terminals may cause intermittent electrical connection and disruption or loss of J1939 communication. Disruption or loss of J1939 communication between the engine, transmission, ABS and body controllers may increase the risk of a vehicle crash.

Identify any warning which can (a) precede or (b) occur.

Driver warning indicator lights, fault codes, engine derate, harsh shifts, inability to shift transmission from neutral into gear.

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

Compass Corporation
48502 Kato Road
Fremont, Ca 94538

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:

Thomas E. Maurer, Vice President

IV. Provide the Chronology in Determining the Defect/Noncompliance

6. With respect to a defect, furnish a chronological summary (including dates) of all the principle events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.

The first field report of J1939 issues related to this recall were received March 18, 2014. Gillig decided April 21, 2014 the overmolded connector is a safety related defect and to initiate a voluntary recall. To date, no accidents, injuries, fatalities or related warranty claims have been reported.

7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order and including dates) on which the noncompliance was determined.

N/A

V. Identify the Remedy

8. A description of the manufacturer's program for remedying the defect or noncompliance. This program shall include a plan for reimbursing and owner or purchaser who incurred costs to obtain a remedy for the problem addressed by the recall within a reasonable time in advance of the manufacturer's notification of owners, purchasers and dealers, in accordance with §573.13 of this part.

The remedy will involve field replacement of the overmolded connector. The drain wire will have heat shrink tubing applied. A new connector will be installed and heat shrink tubing will be applied to the connector/cable junction.

9. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.

The heat shrink on the drain wire will prevent corrosives on the backside of the connector from migrating through the seal to the terminals in the connector. The heat shrink tubing over the connector/cable sheath will prevent water/corrosives entry to the backside of the connector.

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.

Remedy will have heat shrink tubing on the connector and drain wire. The recalled assembly has overmold on the connector and is missing heat shrink on the drain wire.

Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.

Overmold on these assemblies was last used in production 3/26/2014. The production remedy is identical to the field remedy.

VI. Identify the Recall Schedule

10. Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, dealers/retailers, and purchasers. Please, identify any foreseeable problems with implementing the recall.

Recall will begin immediately after NHTSA approval.

VII. Furnish Recall Communications

11. Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance and which are sent to more than one manufacturer, distributor, or purchaser. This includes all communications (including both original and follow-up) concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification. *A DRAFT copy of the notification documents should be submitted to this office by Fax (202-366-7882) or by E-Mail to RMD.ODI@dot.gov for review prior to mailing.*

Note that these documents are to be submitted separately from those provided in accordance with Part 579.5 requirements.