14V-459
(5 pages)

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

On July 25, 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: July 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:** 2013-2014 **Model(s):** Lowfloor

Production Dates: Beginning: 7/25/2013 **Ending:** 6/17/2014

VIN Range: Beginning: 182651 **Ending:** 184371 (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 with Disc Brakes do not meet FMVSS 121 Brake Release Timing.

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. 1%

II. Identify the Recall Population

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

Model	Year	Number of Vehicles Potentially Involved
Lowfloor	2013-2014	252

Total Number Potentially Affected by the Recall: 252

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:
Some disc brake equipped buses between the above dates are affected. A reverse search through BOM usage history identified the specific VINs affected.

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.
A Quick Release Valve was designed in to the control line for the rear brakes on disc brake bus configurations to meet the rear brake release timing requirements of FMVSS 121. A mis-build occurred and this valve was not installed on production buses.

Describe the causes(s) of the defect or noncompliance condition.
Mis-build, valve was not installed on production buses.

Describe the consequence(s) of the defect of noncompliance condition.
There are no safety consequences to vehicle operation due to this noncompliance. During any braking event significant enough that quick release would be a factor in vehicle handling, such as a rear brake lockup event, the ABS system would control release of the rear brakes. The quick release valve in question is not part of and has no affect on the performance of the ABS system.

Identify any warning which can (a) precede or (b) occur.
None.

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

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

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.
It was discovered in the bus manufacturing operation that the quick release valve specific for disc brake applications was not being installed on production buses. Gillig decided July 25, 2014 that a noncompliance existed 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.
Third Party FMVSS 121 testing done in February and March of 2013, during the design/validation stage of the disc brake program, identified the need for the addition of a quick release valve to meet rear brake release timing requirements. Production documentation and BOM's were updated. Subsequently, buses identified as being built without this valve will not meet the timing requirements.

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 addition of the quick release valve to the rear brake control line.

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 remedy will involve addition of the quick release valve to the rear brake control line. The recall condition does not have this valve.

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.
The remedy has a quick release valve in the rear brake control line and the recall condition does not.

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.
The quick release valve was incorporated in production buses starting 6/18/2014.

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.