

Part 573 Safety Recall Report

16V-662

Manufacturer Name : Gillig LLC**Submission Date :** SEP 09, 2016**NHTSA Recall No. :** 16V-662**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 : 34

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2014-2016 GILLIG LOW FLOOR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Gillig has determined that our 29-Foot Buses with disc brakes have rear brake hoses which can rub chassis components and become frayed. If not corrected, the hoses can wear a hole through them causing the rear brake(s) to lock up, or fail to operate when applied. This can increase the risk of a crash.

Production Dates : NOV 20, 2014 - FEB 11, 2016

VIN Range 1 : Begin : 15GGE3012E1092751 End : 15GGE2718F1093100 Not sequential**Description of Defect :**

Description of the Defect : Gillig has determined that our 29-Foot Buses with disc brakes have rear brake hoses which can rub chassis components and become frayed.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If not corrected, the hoses can wear a hole through them causing the rear brake(s) to lock up, or fail to operate when applied. This can increase the risk of a crash.

Description of the Cause : Installation of the rear brake hoses on each side of the axle allowed them to rub chassis components and become frayed.

Identification of Any Warning that can Occur : Upon visual inspection, the rear brake hoses may appear worn, frayed, or have a hole in them. If an air hose to a rear spring brake develops a hole, the brake may lock up during operation. If an air hose to a rear service brake develops a hole, the rear brake may fail to operate when applied, which could result in increased stopping distance. Warnings can occur when: 1) Upon activation of the service brakes, the driver notes that the brake system air pressure

indicated on the dashboard gauge does not stabilize after an initial pressure drop (indication of a hose leak). 2) During periodic brake air system checks by the driver or maintenance personnel, the brake system air pressure indicated on the dashboard gauge does not stabilize (indication of a hose leak).

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

8/2/16 – Gillig’s Sales department receives field reports of possible brake hose abrasions during service.

8/5/16 – A field service representative was sent to inspect several buses in a Ft. Worth, TX fleet.

8/5/16 to 9/5/16 – Reviews of field service reports, similar vehicles, and rear chassis designs were conducted. The issue was confirmed to be occurring in the field. Gillig determined the issue was specific to 29-foot Low Floor buses with disc brakes, which use a different rear suspension, brake chamber orientation, and brake hose routing than its other bus designs.

9/6/16 – Gillig determines a safety related defect exists regarding the installation of the rear brake hoses.

9/9/16 – Gillig reports the defect to NHTSA.

Description of Remedy :

Description of Remedy Program : Gillig will provide new hoses, fittings, clamps, hardware, and instructions at no cost to the customer. Gillig will reimburse the customer for the labor necessary to perform this recall.

How Remedy Component Differs from Recalled Component : The remedy components will consist of new hoses, fittings, clamps and hardware. The existing hose support brackets and weld studs will be removed. New cushion clamps will attach the replacement hoses to each other to constrain motion. Instructions will be provided on how to reorient the hoses using the new fittings to prevent contact or rubbing of the replacement hoses on other components.

Identify How/When Recall Condition was Corrected in Production : All 29-Foot Low Floor buses with disc brakes manufactured after February 11, 2016 were corrected in production by use of the new remedy components and hose routing.

Recall Schedule :

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

Planned Dealer Notification Date : SEP 30, 2016 - OCT 07, 2016

Planned Owner Notification Date : SEP 30, 2016 - OCT 07, 2016

* NR - Not Reported