

Part 573 Safety Recall Report

18V-789

Manufacturer Name : Gillig LLC**Submission Date :** NOV 09, 2018**NHTSA Recall No. :** 18V-789**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 : 4,469

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2013-2018 GILLIG LOW FLOOR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Airbrake spring cage bolts on disk brakes equipped buses may not be torqued to manufacturer specifications

Production Dates : JAN 17, 2013 - NOV 06, 2018

VIN Range 1 : Begin : 15GGD2713C1180773 End : 15GGD2719J3193254 Not sequential**Description of Defect :**

Description of the Defect : Gillig has determined that the spring cage bolts of the air brakes of a specific vehicle population may not have not been torqued to the appropriate manufacturer specifications during the vehicle production process. This condition may potentially result in no or reduced spring brake (parking brake) force. Insufficient spring brake force could potentially result in 1) a vehicle rollaway condition from the park position or 2) no braking force if system air pressure is lost while the vehicle is moving. As a result of the above, Gillig has decided to voluntarily initiate a safety recall campaign of the vehicle population affected by the issue.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Potential risk for accidental vehicle rollaway or no stopping force if system air pressure is lost.

Description of the Cause : Cage bolts may not have been torqued to specifications

Identification of Any Warning NR
that can Occur :

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

10/26/2018: loose cage bolts found on 3 buses in operations in Kansas City, KS

10/27/2018: Gillig discovered the issue is due to incomplete drawings and manufacturing work instructions

11/05/2018: Gillig discovered a larger population of vehicles may be affected by this issue

11/06/2018: Gillig decided to voluntarily file a formal safety recall with NHTSA

Description of Remedy :

Description of Remedy Program : The owners will be notified of the recall. All affected vehicles will be corrected by torquing the cage bolts to the appropriate manufacturer specifications.

How Remedy Component Differs from Recalled Component : All the original components will be retained

Identify How/When Recall Condition was Corrected in Production : Starting on the date the non-compliance was discovered (10/26/2018), all undelivered vehicles were held at the factory and corrected. The installation drawings and work instructions will be updated to reflect the correct torque specifications. The work instructions will be available at all affected manufacturing work stations. Installation personnel will be trained to ensure the instructions are understood and consistently implemented. Quality Dept. will ensure all bolts are torque sealed and ensure the bolt torque process is adequately controlled to minimize process variation.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NOV 30, 2018 - DEC 31, 2018

Planned Owner Notification Date : NOV 30, 2018 - DEC 31, 2018

* NR - Not Reported