

Part 573 Safety Recall Report

18V-665

Manufacturer Name : Gillig LLC**Submission Date :** SEP 25, 2018**NHTSA Recall No. :** 18V-665**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 : 90

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2018 Gillig LLC Low Floor

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Allison transmission pressure switch failure

Production Dates : FEB 09, 2017 - JUN 07, 2018

VIN Range 1 : Begin : 15GGD3011H1187888 End : 15GGB301053191477 Not sequential**Description of Defect :**

Description of the Defect : Allison Transmission Inc. (ATI) has identified an issue with the pressure switch (P/N 29506484) used in a specific population of H 40/50 EP Drive Units. Due to an out-of-specification material condition at the pressure switch supplier, the plastic molding used in the switch assembly may fracture. This condition may result in a failure of the pressure switch in either an open or closed state, triggering a diagnostic trouble code. In some circumstances, switch failures in the closed position can potentially disable propulsion at any time during a drive cycle without the ability to regain propulsion, presenting an increased risk of a vehicle accident and/or risk related to offloading passengers in the roadway.

As a result of the above, Gillig has made its own safety determination and decided to initiate a safety recall campaign of the vehicle population equipped with the defective Allison H 40/50 EP Drive units.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Increased risk of vehicle accident due to loss of vehicle propulsion

Description of the Cause : Supplier violated Allison print specifications by using recycled resin thus creating a systemic defect

Identification of Any Warning Transmission DTC codes that can Occur :

Supplier Identification :

Component Manufacturer

Name : Allison Transmission
Address : One Allison Way
Indianapolis INDIANA 46222-3271
Country : United States

Chronology :

08/15/2018: Allison notified Gillig about an upcoming field action campaign to inspect the pressure switch and remove debris from certain H 40/50 EP transmission drive units.
08/16/2018: Allison notified Gillig about the intention to upgrade the previously released field action to a formal safety recall.
08/20/2018: Allison submitted a 573 Defect notification to NHTSA.
09/06/2018: Gillig received safety recall documentation from Allison
09/25/2018: Gillig decided to initiate a vehicle safety recall of the affected vehicles, as required by 49 CFR Chapter 301

Description of Remedy :

Description of Remedy Program : Allison's authorized service network will replace the C1 and C2 pressure switches used in each affected drive unit at no charge to the vehicle customer or Gillig.

How Remedy Component Differs from Recalled Component : The remedy component will consist in a pressure switch manufactured to the Allison print and that uses 100% virgin material.

Identify How/When Recall Condition was Corrected in Production : Corrected switches received by Allison on 5/14/2018 and entered into inventory.

Recall Schedule :

Description of Recall Schedule : NR
Planned Dealer Notification Date : OCT 01, 2018 - OCT 30, 2018
Planned Owner Notification Date : OCT 01, 2018 - OCT 30, 2018

* NR - Not Reported