

Part 573 Safety Recall Report

21V-352

Manufacturer Name : Gillig, LLC

Submission Date : MAR 08, 2022

NHTSA Recall No. : 21V-352

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 : 4,428

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2020 GILLIG LOW FOOR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Cummins Inc. is recalling a number of L9 Diesel engines installed in a variety of vehicles including transit buses, due to defective High Pressure Common Rail fuel systems. (recall id# 21E-032).
A subset of these defected Cummins engines was installed in GILLIG transit buses manufactured between 02/23/2017 and 10/12/2020. Therefore, GILLIG is recalling the affected vehicle population to fulfill the vehicle OEM's reporting obligations, as required by 573.5(a).

Production Dates : FEB 23, 2017 -OCT 12, 2020

VIN Range 1 : Begin : 15GGD2710H1187784 End : 15GGD2713L3195763 ☒ Not sequential

Description of Defect :

Description of the Defect : As reported by Cummins, the fuel rail assembly may develop leaks, which may result in an undetected prolonged Diesel fuel spray.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A leak involving spraying/misting fuel in the presence of an ignition source may increase the risk of fire.

Description of the Cause : The rail end sealing bores in the fuel rail may have undersized pilot bores for the sealing washer, thus preventing the washer from properly seating, potentially resulting in inadequate load for the joint to remain properly sealed in service.

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : Accumulator

Component Description : High pressure fuel rail assembly

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Cummins Inc.

Address : Box 3005, Mail Code 41303
Columbus, IN 47202

Country : NR

Chronology :

On April 28, GILLIG was notified by Cummins of the safety campaign 21E-032 involving fuel rails in L9 engines;
On May 7, based on the information provided by Cummins, GILLIG completed population analysis and identified 4345 vehicles and 54 engines sold as spare parts potentially affected by the issue;
On May 12: GILLIG received from Cummins an amended defect report with the description of the defect and related remedy program;
On May 13: GILLIG decided to file a safety recall with NHTSA as required by 49 CFR 573.5(a).
On January 11 2022: Gillig filed an amendment adding 29 more vehicles to the total recall population. These vehicles were missing on the initial report due to a glitch in the vehicle reporting system.

Description of Remedy :

Description of Remedy Program : This campaign will be administered by Cummins Inc. As specified by Cummins, a recall-specific reimbursement plan will be provided in the Cummins Recall Portal for those units not covered by the manufacturer's limited warranty. The rail threads will be inspected for damage. If damage is found on the threads, the rail will be replaced with a rail of a different design. The fuel lines will also be replaced with lines of a different design if the rail is replaced. If no damage is found on the threads, new crush washers will be installed.

How Remedy Component Differs from Recalled Component : For units having no thread damage, the technician will be instructed to place a paint dot somewhere on the rail to indicate that the repair has been completed. For units that do have thread damage, the replacement rail and fuel lines will have unique part numbers. The replacement rail and lines are also visibly different.

Identify How/When Recall Condition was Corrected in Production : Per Cummins, The rail manufacturing statistical process control for the pilot bores was confirmed in control after October 19, 2020.

Recall Schedule :

Description of Recall Schedule : The timing of owner notification will be determined in consultation with Cummins. Cummins expects to begin sending interim notification letters on June 19, 2021. When Cummins is ready to implement the remedy campaign, Cummins will send a second notification. Since Cummins anticipates mailing owner letters communicating the availability of the remedy during July 2021, GILLIG will also harmonize their owner notifications according to Cummins schedule.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JUL 13, 2021 - JUL 13, 2021

* NR - Not Reported