# Part 573 Safety Recall Report

Gillig, LLC
MAY 14, 2021
21V-352
NR

#### **Manufacturer Information :**

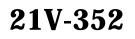
Manufacturer Name : Gillig, LLC Address : 451 Discovery Drive LIVERMORE CA 94551 Company phone : 1-800-735-1500

# 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

# **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.
The info	mation contained in this report was submitted pursuant to 40 CED SE72





# **Population**:

Number of potentially involved : 4,399 Estimated percentage with defect : 100 %

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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).

#### **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.

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	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.
	Per Cummins, The rail manufacturing statistical process control for the pilot bores was confirmed in control after October 19, 2020.
Recall Schedule :	
	The timing of owner notification will be determined in consultation with
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\* NR - Not Reported

The information contained in this report was submitted pursuant to 49 CFR  $\S573$