

Part 573 Safety Recall Report

21V-313

Manufacturer Name : Blue Bird Body Company

Submission Date : MAY 04, 2021

NHTSA Recall No. : 21V-313

Manufacturer Recall No. : R21BH-NSB



Manufacturer Information :

Manufacturer Name : Blue Bird Body Company

Address : P.O. Box 937
402 Blue Bird Boulevard Fort Valley
GA 31030

Company phone : 478-822-2242

Population :

Number of potentially involved : 134

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2018-2022 Blue Bird All American

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : These engines are equipped with High Pressure Common Rail fuel systems which includes a high pressure fuel rail. The production begin and end dates were determined from the manufacturing and quality records that established the population of high pressure rails and engines that may contain the defect. The recall consists of engines installed in School Bus and Non-School Bus vehicles due to relatively low detectability of the potential hazard and relatively high vulnerability to potential injury in those applications.

Production Dates : MAR 22, 2017 - DEC 08, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : 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 that can Occur : The operator may see or smell diesel fuel. In some cases, the check engine lamp may illuminate.

Involved Components :

Component Name 1 : Accumulator (Cummins)

Component Description : High Pressure Fuel Rail Assembly (Cummins)

Component Part Number : 4307034 (Cummins)

Component Name 2 : Accumulator (Cummins)

Component Description : High Pressure Fuel Rail Assembly (Cummins)

Component Part Number : 4307377(Cummins)

Supplier Identification :

Component Manufacturer

Name : Cummin, Incorporated

Address : 500 Jackson Street
Columbus Indiana 47202-3005

Country : United States

Chronology :

Wednesday, April 28, 2021: Blue Bird received notification via e-mail that Cummins issued a Safety Recall on certain L9 Engine Fuel Rail.

The remaining chronology was provided by Cummins:

February 10, 2021 – A field service technician reported to Cummins that eight buses belonging to a single customer had been repaired since December, 2020, for leaks at sealing washers in the fuel rail.

February 11- March 1, 2021 – Cummins investigated the cause of the leaks with the supplier of the rail and began

an investigation of field warranty claims. Cummins conducted an initial Product Safety Hazard Analysis.

March 3 – April 12, 2021 – Cummins escalated the issue through its Product Safety Defect Board process, gathered additional data and revised the Product Safety Hazard Analysis. Cummins issued a Technical Service Bulletin (TSB210055) on March 4, 2021 to allow the field to replace rails that have washer leaks with a different rail and their associated fuel lines. (TSB210055 was submitted to NHTSA on April 7, 2021 in accordance with 49 CFR Part 579.5.)

April 13, 2021 – Based upon the results of the investigation, Cummins' Product Defect Safety Board decided to conduct a safety campaign on engines installed in buses, school buses, emergency vehicle, and recreational vehicle applications.

To date, there have been no reports of accidents, fires, or injuries related to this condition.

Description of Remedy :

Description of Remedy Program : Cummins states, "A recall-specific reimbursement plan will be provided in the Recall Portal for those units not covered by the manufacturer's limited warranty. Cummins is developing the remedy."

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : Cummins states, "The rail manufacturing statistical process control for the pilot bores was confirmed in control after October 19, 2021."

Recall Schedule :

Description of Recall Schedule : Dealer and Owner Notifications are to be issued on or before June 30, 2021.
Parts are required, but undetermined by Cummins at this time.
Cummins states, "will conduct the recall and notify owners. The timing of owner notification will be determined in consultation with the affected OEMs. Cummins is developing the recall schedule".

Planned Dealer Notification Date : JUN 30, 2021 - JUN 30, 2021

Planned Owner Notification Date : JUN 30, 2021 - JUN 30, 2021

* NR - Not Reported