

Part 573 Safety Recall Report

21V-386

Manufacturer Name : Seagrave Fire Apparatus, LLC**Submission Date :** JUN 15, 2021**NHTSA Recall No. :** 21V-386**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Seagrave Fire Apparatus, LLC

Address : 105 East 12th Street

Clintonville WI 54929

Company phone : 715-823-2141

Population :

Number of potentially involved : 164

Estimated percentage with defect : 80 %

Vehicle Information :

Vehicle 1 : 2017-2020 Seagrave Marauder / Attacker / Capitol

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : -The 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 bus, school bus, emergency vehicle and recreational vehicles due to relatively low detectability of the potential hazard and relatively high vulnerability to potential injury in those applications.

Production Dates : JAN 02, 2017 - OCT 16, 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

Component Description : high pressure fuel rail assembly

Component Part Number : 4307034

Component Name 2 : Accumulator

Component Description : high pressure fuel rail assembly

Component Part Number : 4307377

Supplier Identification :**Component Manufacturer**

Name : Senior Flexonics-Land Vehicles

Address : 300 East Devon Avenue

Bartlett Illinois 60103

Country : United States

Chronology :

February 10, 2021-Afield service technician reported to Cummins that eight busses 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 Hazzard 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 busses, 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 : 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 and will amend this report accordingly.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : Cummins expects to notify affected OEMs no later than April 30, 2021. Cummins 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, but in any case expects to notify owners no later than June 19, 2021

Planned Dealer Notification Date : JUN 01, 2021 - JUN 15, 2021

Planned Owner Notification Date : JUN 01, 2021 - JUN 15, 2021

* NR - Not Reported