Part 573 Safety Recall Report 21V-468

Manufacturer Name : Alexander Dennis Inc.
Submission Date : NOV 16, 2021
NHTSA Recall No. : 21V-468
Manufacturer Recall No. : NHTSA ID: 21E032

Manufacturer Information :

Manufacturer Name : Alexander Dennis Inc.
Address : 31566 Railroad Canyon Road
Suite 342 Canyon Lake CA 92587
Company phone : 525-0630

Population :

Number of potentially involved : 310
Estimated percentage with defect : 62 %

Vehicle Information :

Vehicle 1 : 2017-2020 Alexander Dennis E500
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL
Descriptive Information : This is in response to Cummins Recall #21E-032. Cummins will be contacting the customers that are effected directly and completing the corrections via a campaign.
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 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 sealing washer from properly seating, potentially resulting in inadequate load for the joint to remain sealed in service.
Identification of Any Warning that can Occur : The operator my see of smell diesel fuel. In some cases the check engine light may illuminate.

Involved Components :

Component Name 1 :	Cummins L9 Diesel Engine
Component Description :	Diesel engine
Component Part Number :	NR

Supplier Identification :

Component Manufacturer

Name :	Cummins
Address :	Box 3005 Columbus Indiana 41303
Country :	United States

Chronology :

April 2021 Cummins notified Alexander Dennis of the safety Recall and engine Serial numbers involved. May 2021 Alexander Dennis identified to Cummins which Customers and Buses were involved. June 18, 2021 - Cummins to notify Customers.

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

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 :	NR - NR
Planned Owner Notification Date :	NR - NR

* NR - Not Reported