

Part 573 Safety Recall Report

21V-965

Manufacturer Name : Daimler Trucks North America, LLC

Submission Date : DEC 13, 2021

NHTSA Recall No. : 21V-965

Manufacturer Recall No. : FL-915



Manufacturer Information :

Manufacturer Name : Daimler Trucks North America, LLC

Address : 4747 N. Channel Avenue
Portland OR 97217-3849

Company phone : 800-745-8000

Population :

Number of potentially involved : 2,843

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2022 Western Star 4700

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Cummins states per NHTSA filing 21E-099, "These engines are equipped with High Pressure Common Rail fuel systems and sold for installation in mixer, truck, coach, emergency vehicle, refuse truck, recreational vehicle and crane applications. The recall consists of the entire population of engines equipped with a certain Injector Fuel Supply Tube (fuel tube) prior to the implementation of corrective action."

Production Dates : FEB 26, 2019 - NOV 24, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2019-2022 Freightliner 114SD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Cummins states per NHTSA filing 21E-099, "These engines are equipped with High Pressure Common Rail fuel systems and sold for installation in mixer, truck, coach, emergency vehicle, refuse truck, recreational vehicle and crane applications. The recall consists of the entire population of engines equipped with a certain Injector Fuel Supply Tube (fuel tube) prior to the implementation of corrective action."

Production Dates : OCT 10, 2018 - NOV 10, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 3 : 2021-2022 Western Star 49X

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Cummins states per NHTSA filing 21E-099, "These engines are equipped with High Pressure Common Rail fuel systems and sold for installation in mixer, truck, coach, emergency vehicle, refuse truck, recreational vehicle and crane applications. The recall consists of the entire population of engines equipped with a certain Injector Fuel Supply Tube (fuel tube) prior to the implementation of corrective action."

Production Dates : DEC 08, 2020 - NOV 10, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 4 : 2021-2022 Freightliner Cascadia P4

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Cummins states per NHTSA filing 21E-099, "These engines are equipped with High Pressure Common Rail fuel systems and sold for installation in mixer, truck, coach, emergency vehicle, refuse truck, recreational vehicle and crane applications. The recall consists of the entire population of engines equipped with a certain Injector Fuel Supply Tube (fuel tube) prior to the implementation of corrective action."

Production Dates : FEB 10, 2020 - NOV 10, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 5 : 2022-2022 Western Star 47X

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Cummins states per NHTSA filing 21E-099, "These engines are equipped with High Pressure Common Rail fuel systems and sold for installation in mixer, truck, coach, emergency vehicle, refuse truck, recreational vehicle and crane applications. The recall consists of the entire population of engines equipped with a certain Injector Fuel Supply Tube (fuel tube) prior to the implementation of corrective action."

Production Dates : MAY 19, 2021 - OCT 08, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 6 : 2021-2021 Western Star WF110

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Cummins states per NHTSA filing 21E-099, "These engines are equipped with High Pressure Common Rail fuel systems and sold for installation in mixer, truck, coach, emergency vehicle, refuse truck, recreational vehicle and crane applications. The recall consists of the entire population of engines equipped with a certain Injector Fuel Supply Tube (fuel tube) prior to the implementation of corrective action."

Production Dates : JUL 13, 2020 - JUL 15, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 7 : 2020-2020 Western Star WJ121

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Cummins states per NHTSA filing 21E-099, "These engines are equipped with High Pressure Common Rail fuel systems and sold for installation in mixer, truck, coach, emergency vehicle, refuse truck, recreational vehicle and crane applications. The recall consists of the entire population of engines equipped with a certain Injector Fuel Supply Tube (fuel tube) prior to the implementation of corrective action."

Production Dates : AUG 22, 2019 - AUG 22, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 8 : 2019-2021 FCCC XCP Chassis

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Cummins states per NHTSA filing 21E-099, "These engines are equipped with High Pressure Common Rail fuel systems and sold for installation in mixer, truck, coach, emergency vehicle, refuse truck, recreational vehicle and crane applications. The recall consists of the entire population of engines equipped with a certain Injector Fuel Supply Tube (fuel tube) prior to the implementation of corrective action."

Production Dates : OCT 18, 2018 - MAR 24, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Cummins states per NHTSA 21E-099, "The fuel tubes between the fuel rail and the injector for cylinders 4, 5 and 6 may be susceptible to cracking, resulting in a high-pressure fuel leak."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Cummins states per NHTSA 21E-099, "A high pressure fuel leak in the presence of an ignition source may increase the risk of a fire."

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Fuel Tubes

Component Description : Engine Fuel Tubes

Component Part Number : D0S3005BX03, D0S3009BX03

Supplier Identification :

Component Manufacturer

Name : Cummins, Inc.

Address : Box 3005, Mail Code 41303
Columbus Indiana 47202-3005

Country : United States

Chronology :

Cummins states per NHTSA 21E-099, "As part of the investigation, Cummins identified 29 warranty claims for fuel tube fuel leaks (not all of which had cracked tubes) with a date range of March 6, 2020 through September 22, 2021 (as of September 22, 2021). 19Oct2021 – Cummins investigated a September 2021 fire on a vehicle equipped with an X12 engine. 25Oct2021 – Cummins identified a leak of the #5 cylinder fuel tube as the cause of the fire. 28Oct2023 – Cummins completed a Product Safety Hazard Analysis." Cummins notified DTNA on December 2, 2021. DTNA investigated the matter and promptly declared a recall.

Description of Remedy :

Description of Remedy Program : Cummins states per NHTSA 21E-099, "The subject fuel tubes for cylinders 4, 5 and 6 (the rear half of the engine) will be replaced with new fuel tubes (having the same part number as the recalled components) and vibration isolators will be added to the fuel tubes. A recall-specific reimbursement plan will be provided on the Recall Portal for those units not covered by the manufacturer's limited warranty."

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Customer notification will be made by first class mail using Daimler Trucks North America records to determine the customers affected.

Planned Dealer Notification Date : FEB 10, 2022 - FEB 10, 2022

Planned Owner Notification Date : FEB 10, 2022 - FEB 10, 2022

* NR - Not Reported