

Defect Information Report

(Section 573.6)

FL-915

Date of Submission: *December 13, 2021*

Manufacturer: Daimler Trucks North America LLC
P.O. BOX 3849
Portland, Oregon 97208

Type of Report: **Safety Defect** **Non-Compliance**

Vehicle Information

Model Yr. Start: 2019 **Model Yr. End:** 2022

Make: Freightliner, Western Star, Freightliner Custom Chassis (FCCC)

Model: 114SD, 4700, XCP Chassis, New Cascadia, 49X, 57X, WJ121, WF 110

Production Dates: **Begin:** 10/10/2018 **End:** 11/24/2021

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."

Number potentially involved: 2843 **Estimated percentage of involve with defect:** 1%

Defect / Noncompliance Description

For this Defect/Noncompliance:

Describe the defect or noncompliance:

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."

Describe 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."

Identify any warning, which can precede or occur:

Cummins states per NHTSA 21E-099, "Fuel leaks may be detected during maintenance. An operator may smell fuel or observe a mist due to the fuel leak."

If applicable, identify the manufacture of the defective or noncompliant component.

Cummins, Inc.

Involved Components

Component Name: Fuel Tubes

Component Description: Engine Fuel Tubes

Component Part Number: DOS3005BX03, DOS3009BX03

Chronology of Defect / Noncompliance Determination

Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision.

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.

Identify the Remedy

Describe the defect/noncompliance remedy program, including the manufacture's plan for reimbursement.

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."

Identify the Recall Schedule

Describe the recall schedule for notifications: Customer notification will be made by first class mail using Daimler Trucks North America records to determine the customers affected.

Planned Dealer Notification Begin Date: 02/10/2022

Planned Dealer Notification End Date: 02/10/2022

Planned Owner Notification Begin Date: 02/10/2022

Planned Owner Notification End Date: 02/10/2022

Manufacture's identification code for this recall (if applicable): FL-915

DTNA Representative;

Tiffani Torgeson |

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Manager

Compliance and Regulatory Affairs