

Part 573 Safety Recall Report

21V-121

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** FEB 25, 2021**NHTSA Recall No. :** 21V-121**Manufacturer Recall No. :** FL-879**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 35

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 100 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2019-2020 Freightliner Custom Chass XBA Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Cummins states per NHTSA filing 21E-014, "The recalled population consists of certain engines that are equipped with Engine Control Module calibration Customer Software Interface Options D02090500, D02090900, D09665200, and D09844100. This recall involves all B6.7N engines with these specific calibrations that support SAE J1939 datalink communications at 500k baud rate. Engines with other calibrations that support SAE J1939 datalink communications at 250k baud rate are not affected."

Production Dates : JUL 24, 2018 - SEP 24, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Cummins states per NHTSA filing 21E-014, "To perform their function, certain electronic controllers on the vehicle may send datalink TSC1 messages requesting the engine to limit engine speed or torque. These electronic controllers, if the vehicle is so equipped, may perform safety-related functions, such as vehicle braking control, vehicle traction control, vehicle stability control, vehicle speed control, or vehicle collision avoidance or other functions. Due to a software calibration error in the subject calibration options, the subject engines may not limit engine speed or torque when such a device requests the limit via J1939 datalink TSC1 messages."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Cummins states per NHTSA 21E-014, "Diminished performance of safety-related functions of certain electronic controllers of the vehicle may increase

the risk of a crash.”

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : N/A

Component Description : N/A

Component Part Number : N/A

Supplier Identification :

Component Manufacturer

Name : Cummins Inc.

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

Country : United States

Chronology :

February 22, 2021, DTNA was notified of an equipment recall (21E-014) by its supplier, Cummins Inc. DTNA opened an investigation to determine the scope of the issue. Cummins has provided a list of DTNA vehicles that are affected, and DTNA found 198 vehicles across North America (194 US, 4 CAN) operating in the field with the identified engine serials. DTNA has not received any reports related to diminished performance on safety related functions as it relates to TSC1 messages on the identified DTNA vehicles. February 24, 2021, DTNA decided to conduct a voluntary safety companion recall of the affected vehicles.

Description of Remedy :

Description of Remedy Program : Repairs will be performed by Cummins Inc. authorized service facilities by recalibrating the Engine Control Module with a corrected calibration. DTNA will work with Cummins for the repair procedure in the field. Copies of the reimbursement plan will be submitted as a supplemental report when available.

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 by Cummins Inc. using Daimler Trucks North America records to determine the customers affected.

Planned Dealer Notification Date : APR 25, 2021 - APR 25, 2021

Planned Owner Notification Date : APR 25, 2021 - APR 25, 2021

* NR - Not Reported