

Defect / Noncompliance Information Report

(Section 573.6)

FL-943

Date of Submission: June 24, 2022

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

Type of Report: Safety Defect Non-Compliance

Vehicle Information

Model Yr. Start: 2022

Model Yr. End: 2022

Make: Freightliner

Model: Cascadia

Production Dates: **Begin:** October 28, 2021 **End:** December 17, 2021

Descriptive Information:

Specific vehicles with a limited production braking system will not retain ABS fault information as required by FMVSS 121.

Basis for Determination of the Recall Population:

All specific limited production vehicles with this design are included.

Number potentially involved: 17

Estimated percentage of involved with defect: 100%

Defect / Noncompliance Description

For this Defect/Noncompliance:

Describe the defect or noncompliance:

FMVSS 121 requires the retention of ABS fault codes in the system when the vehicle is keyed off and then back on again. If these limited production vehicles are keyed off for more than 5 seconds, the ABS fault codes will not be retained.

Describe the safety risk:

Retention of ABS fault codes in the system is required for proper diagnosis of any issues with the system and with driver notification of required vehicle maintenance. Driving the vehicle without proper maintenance can increase the risk of a crash.

Identify any warning which can precede or occur:

The ABS light would be illuminated before the key off cycle occurs.

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

This is not applicable because there is not a defective part involved. The defective software, supplied by the manufacturer DTNA, not the hardware component created the non-compliance.

Involved Components

Component Name: Brake Electronic Control Unit

Component Description: Brake Controller

Component Part Number: WAB884 109 215 0

Chronology of Defect / Noncompliance Determination

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

DTNA discovered that an ABS fault code was not storing during a routine test procedure on June 2, 2022. DTNA promptly began an investigation into the issue, within which investigation it was confirmed to the best of DTNA's knowledge that the issue exists on 17 specific customer vehicles. On June 22, 2022, DTNA determined that a non-compliance existed and decided to conduct a voluntary non-compliance recall campaign for these limited production vehicles. The investigation found no evidence of accident or injury as a result of the issue.

Identify the Remedy

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

The repair strategy is still being determined and is therefore not available at this time. Repairs will be performed by Daimler Truck North America authorized service facilities. Daimler Truck North America shall be offering a refund for owner-paid repairs covered by this recall if the repair was performed prior to the date indicated in the reimbursement plan, which will be posted with owner's notification letter. Owners are directed to seek reimbursement through authorized dealers.

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: *August 23, 2022*
Planned Dealer Notification End Date: *August 23, 2022*
Planned Owner Notification Begin Date: *August 23, 2022*
Planned Owner Notification End Date: *August 23, 2022*

Does DTNA plan to file inconsequentiality petition? Yes No

Manufacturer's identification code for this recall (if applicable): *FL-943*

DTNA Representative;

Sam Geser

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Manager, Compliance and Regulatory Affairs