

Defect Information Report

(Section 573.6)

FL-830

Date of Submission: *October 4, 2019*

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: 2018 Model Yr. End: 2020

Make: *Freightliner*

Model: *Cascadia*

Production Dates: Begin: *10/25/2017*
End: *08/27/2019*

Descriptive Information: *Vehicles equipped with a certain ABS module software packaged built within the above referenced dates.*

Number potentially involved: 12 Estimated percentage of involve with defect: 100%

Defect / Noncompliance Description

For this Defect/Noncompliance:

Describe the defect or noncompliance: *On the affected vehicles, the ABS Electronic Control Unit (ECU) may not detect an incorrectly functioning solenoid valve for the ABS/ESC module during certain low voltage start conditions. This may cause the ABS/ESC Malfunction indicator not to illuminate during an ABS/ESC malfunction, and therefore to, not comply with FMVSS 121/136, which requires a vehicle to illuminate an indicator lamp during an ABS/ESC malfunction.*

If a noncompliance, provide the applicable FMVSS: *FMVSS 121/136*

Describe the safety risk: *Operator may not be aware of an active ABS/ESC malfunction. Unknowingly operating a truck with reduced ABS/ESC function may increase the risk of a crash.*

Chronology of Defect / Noncompliance Determination

Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision. *May 2019, the supplier notified DTNA of potential error in ABS ECU software. May 2019 – September 2019, DTNA evaluates the software with further testing to determine the scope of the issue. The supplier initially reported the potential issue may not affect compliance of DTNA vehicles due to how the vehicles were configured. September 2019, DTNA determined the potential issue affects customer demonstration vehicles outside of our test fleet and began an investigation to identify that population for repair considerations. September 30, 2019, with an abundance of caution, DTNA decided to initiate a voluntary recall.*

Identify the Remedy

Describe the defect/noncompliance remedy program, including the manufacture's plan for reimbursement. *The ABS module will be reprogrammed so the ABS/ESC malfunction indicator will illuminate as intended. Repairs will be performed by Daimler Trucks North America authorized service facilities. Copies of the reimbursement plan will be submitted as a supplemental report when available.*

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:	<i>12/02/2019</i>
Planned Dealer Notification End Date:	<i>12/02/2019</i>
Planned Owner Notification Begin Date:	<i>12/02/2019</i>
Planned Owner Notification End Date:	<i>12/02/2019</i>

Manufacture's identification code for this recall (if applicable): *FL-830*

DTNA Representative;



Andy Jones
Manager
Compliance and Regulatory Affairs