Defect / Noncompliance Information Report
(Section 573.6)

FL-945

Date of Submission: 06/30/2022

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

Type of Report: ◯ **Safety Defect**   X **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 limited production vehicles with a specific braking system may not properly engage the park brake when the engine is off that DTNA reasonably believes to be noncompliant with 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 Noncompliance:

Describe the noncompliance:

FMVSS 121 requires that the park brake application pass a test sequence while the truck is in the key off position. For these limited production vehicles, the electronic park brake activation signal cannot be sent after the truck is in the key off position; therefore the park brake will not engage.

Describe the safety risk:

If the park brake cannot be engaged, there is a risk of a rollaway truck, which can endanger the safety of those in the surrounding area.

Identify any warning which can precede or occur:

There is a dash light informing the driver of proper park brake engagement that will fail to illuminate if the brake is not applied.

If applicable, identify the manufacture of the noncompliant component:

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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:

On or about April 4, 2022, DTNA learned that during a routine test procedure, the park brake on some limited production vehicles was not initiating after the truck was turned off. DTNA promptly began an investigation into the braking systems functionality to assess potential compliance issues. DTNA's analysis determined that the park brake remained functional while the truck was turned on and confirmed to the best of DTNA's knowledge that the issue may exist on 17 specific customer vehicles. . On June 29, 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 remedy strategy is still being determined. 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: *08/29/2022*
Planned Dealer Notification End Date: *08/29/2022*
Planned Owner Notification Begin Date: *08/29/2022*
Planned Owner Notification End Date: *08/29/2022*

Does DTNA plan to file inconsequentiality petition?   ◯ **Yes**   X **No**

Manufacturer's identification code for this recall (if applicable):   *FL-945*

DTNA Representative;

Sam Geser

Sam Geser
Manager, Compliance and Regulatory Affairs