

## Defect Information Report (Section 573.6)

**FL-838**

**Date of Submission:** *November 12, 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:** 2019 **Model Yr. End:** 2019  
**Make:** *Freightliner* **Model:** Business Class M2  
**Production Dates:** **Begin:** 08/27/18 **End:** 10/30/18

**Descriptive Information:** *Freightliner Business Class M2 vehicles equipped with a PowerDrive EV electric drivetrain with a certain Vehicle Control Unit (VCU) that Cummins Inc. has identified per equipment recall 19E-070.*

**Number potentially involved:** 5 **Estimated percentage of involve with defect:** 100%

### Defect / Noncompliance Description

#### For this Defect/Noncompliance:

**Describe the defect or noncompliance:** *Cummins states per NHTSA 19E-070, "The VCU may activate the anti-roll back feature during slow moving stop-and-go conditions. If this occurs, the vehicle may experience a brief unexpected motion. "*

**Describe the safety risk:** *Cummins states per NHTSA 19E-070, "If the vehicle experiences brief unexpected motion, there may be an increased risk of a vehicle crash or injury to passengers or pedestrians."*

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

*Cummins Inc.  
Box 3005, Mail Code 41303  
Columbus IN 47202-3005*

## Chronology of Defect / Noncompliance Determination

**Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision.:** *October 24 2019, DTNA was notified of an equipment recall (19E-070) 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 five vehicles operating in the field with the suspect VCU. DTNA has not received any reports related to unintended vehicle motion in DTNA vehicles. November 5, 2019, DTNA decided to conduct a voluntary safety recall of the affected vehicles.*

## Identify the Remedy

**Describe the defect/noncompliance remedy program, including the manufacture's plan for reimbursement.:** *Cummins Inc. is currently working on the VCU software update for the remedy. 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.*

## 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.*

<b>Planned Dealer Notification Begin Date:</b>	<i>01/06/2020</i>
<b>Planned Dealer Notification End Date:</b>	<i>01/06/2020</i>
<b>Planned Owner Notification Begin Date:</b>	<i>01/06/2020</i>
<b>Planned Owner Notification End Date:</b>	<i>01/06/2020</i>

**Manufacture's identification code for this recall (if applicable):** *FL-838*

**DTNA Representative;**



Andy Jones  
Manager  
Compliance and Regulatory Affairs