

Defect Information Report

(Section 573.6)

FL-856

Date of Submission: *August 7, 2020*

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: <i>2018</i>	Model Yr. End: <i>2018</i>
Make: <i>Freightliner Custom Chassis</i>	Model: <i>XBP Chassis</i>

Model Yr. Start: <i>2018</i>	Model Yr. End: <i>2019</i>
Make: <i>Freightliner Custom Chassis</i>	Model: <i>XBR Chassis</i>

Model Yr. Start: <i>2017</i>	Model Yr. End: <i>2019</i>
Make: <i>Freightliner Custom Chassis</i>	Model: <i>XBS Chassis</i>

Model Yr. Start: <i>2016</i>	Model Yr. End: <i>2019</i>
Make: <i>Freightliner Custom Chassis</i>	Model: <i>XCL Chassis</i>

Model Yr. Start: <i>2016</i>	Model Yr. End: <i>2019</i>
Make: <i>Freightliner Custom Chassis</i>	Model: <i>XCM Chassis</i>

Model Yr. Start: <i>2017</i>	Model Yr. End: <i>2020</i>
Make: <i>Freightliner Custom Chassis</i>	Model: <i>XCP Chassis</i>

Model Yr. Start: <i>2016</i>	Model Yr. End: <i>2020</i>
Make: <i>Freightliner Custom Chassis</i>	Model: <i>XCR Chassis</i>

Model Yr. Start: <i>2017</i>	Model Yr. End: <i>2020</i>
Make: <i>Freightliner Custom Chassis</i>	Model: <i>XCS Chassis</i>

Production Dates: **Begin:** *11/23/2015* **End:** *11/30/2018*

Descriptive Information: *Chassis receiving an inspection only repair from recall campaign FL-788 and additional chassis' equipped with a certain PDM manufactured within the suspect dates.*

Number potentially involved: 11,077 **Estimated percentage of involve with defect:** 100%

Defect / Noncompliance Description

For this Defect/Noncompliance:

Describe the defect or noncompliance: *On certain FCCC XB and XC chassis', during manufacturing of the rear mounted Power Distribution Module (PDM), which is a PDM unique to these chassis, the internal circuit board may be inadvertently subject to bending stresses which may, after a period of vehicle use, lead to intermittent open circuits, in which the rear marker, brake lights or left turn signal lights may not function.*

Describe the safety risk: *Brake lights not working correctly may not notify motorists of a braking event which may lead to an increase crash risk.*

Identify any warning which can precede or occur: *Inoperative exterior lights can be detected during a pre-trip inspection.*

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

Involved Components

Component Name: *Power Distribution Module*

Component Description: *Power Distribution Module*

Component Part Number: *A66-05172-000, A66-05172-001, A66-05172-002, A66-05172-004, A66-05172-005, A66-05172-006, A66-05172-008, A66-05172-009*

Chronology of Defect / Noncompliance Determination

Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision.: *June 18, 2020, NHTSA notified DTNA of one vehicle owner questionnaire (VOQ) and two field complaints that may be related to FL-788. DTNA opened an investigation to reevaluate the scope of FL-788. Complaint reviews, study of changes to supplier manufacturing and inspection processes revealed additional vehicles manufactured after the FL-788 population bookend June 29, 2018. Further, the voltage test used for a portion of the recall FL-788 population may not be adequate in identifying a failed PDM. July 7, 2020, DTNA, with an abundance of caution, decided to initiate a voluntary recall to campaign vehicles that received an inspection-only remedy and campaign vehicles not initially captured in the original FL-788 population. August 7, 2020, DTNA has removed additional suspect vehicles that received a PDM replacement.*

Identify the Remedy

Describe the defect/noncompliance remedy program, including the manufacture's plan for reimbursement.: *Vehicles will receive a new rear Power Distribution Module (PDM). Repairs will be performed by Daimler Trucks North America authorized service facilities. Details of the reimbursement plan will be included in the owner's notification letter.*

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: 09/10/2020

Planned Dealer Notification End Date: 09/10/2020

Planned Owner Notification Begin Date: 09/10/2020

Planned Owner Notification End Date: 09/10/2020

Manufacture's identification code for this recall (if applicable): FL-856

DTNA Representative;



Daimler Trucks North America

Larissa Stoffels

Executive Manager, Vehicle Safety

Compliance and Regulatory Affairs