

Amended Defect Information Report

(Section 573.6)

FL-856

Date of Submission: **March 19, 2021**

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: 2018
Make: Freightliner Custom Chassis	Model: XBP Chassis

Model Yr. Start: 2017	Model Yr. End: 2019
Make: Freightliner Custom Chassis	Model: XBR Chassis

Model Yr. Start: 2017	Model Yr. End: 2020
Make: Freightliner Custom Chassis	Model: XBS Chassis

Model Yr. Start: 2016	Model Yr. End: 2019
Make: Freightliner Custom Chassis	Model: XCL Chassis

Model Yr. Start: 2016	Model Yr. End: 2020
Make: Freightliner Custom Chassis	Model: XCM Chassis

Model Yr. Start: 2017	Model Yr. End: 2020
Make: Freightliner Custom Chassis	Model: XCP Chassis

Model Yr. Start: 2016	Model Yr. End: 2020
Make: Freightliner Custom Chassis	Model: XCR Chassis

Model Yr. Start: 2017	Model Yr. End: 2020
Make: Freightliner Custom Chassis	Model: XCS Chassis

Production Dates: **Begin:** 11/23/2015 **End:** 06/03/2019

Descriptive Information: Chassis receiving a PDM with serial 18106398 or lower from FL-788 and additional chassis equipped with a certain PDM manufactured within the suspect dates.

Number potentially involved: 16,776 **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, A66-05172-010, A66-05172-011*

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. July – October 2020, DTNA continued to receive returned parts from the field for supplier analysis. October 2020, the supplier proposed expanding the FL856 population, reviewed the supplier proposal and performed a statistical analysis on parts returned to expand campaign FL-856 population to June 2019. October 30, 2020 with an abundance of caution, decided to expand a voluntary recall to campaign additional vehicles that may have received a PDM manufactured before November 30, 2019 either in the standard manufacturing process or in the recall remedy for FL-788.*

March 2021, DTNA is accumulating parts needed for this recall and due to supply constraints, we do not have the minimum available to release the recall at this time. DTNA is working with our supplier to get parts that are needed for release.

Identify the Remedy

Describe the defect/noncompliance remedy program, including the manufacture's plan for reimbursement.: *Vehicles will be inspected and receive a new rear Power Distribution Module (PDM) as needed. 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: 01/03/2021

Planned Dealer Notification End Date: 01/03/2021

Planned Owner Notification Begin Date: 01/03/2021

Planned Owner Notification End Date: 01/03/2021

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