

Part 573 Safety Recall Report

20V-404

Manufacturer Name : Daimler Trucks North America, LLC

Submission Date : JUN 17, 2021

NHTSA Recall No. : 20V-404

Manufacturer Recall No. : FL-856



Manufacturer Information :

Population :

Manufacturer Name : Daimler Trucks North America, LLC

Address : 4747 N. Channel Avenue
Portland OR 97217-3849

Company phone : 800-745-8000

Number of potentially involved : 16,776

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Freightliner Custom Chass XBP Chassis

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Chassis equipped with a certain PDM and chassis receiving inspection only repairs from campaign FL-788.

Production Dates : NOV 23, 2015 - NOV 30, 2018

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Vehicle 2 : 2017-2019 Freightliner Custom Chass XBR Chassis

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Chassis equipped with a certain PDM and chassis receiving inspection only repairs from campaign FL-788.

Production Dates : NOV 23, 2015 - NOV 30, 2018

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Vehicle 3 : 2017-2020 Freightliner Custom Chass XBS Chassis

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Chassis equipped with a certain PDM and chassis receiving inspection only repairs from campaign FL-788.

Production Dates : NOV 23, 2015 - NOV 30, 2018

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Vehicle 4 : 2017-2020 Freightliner Custom Chass XCS Chassis

Vehicle Type :

Body Style :

Power Train : NR

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.

Production Dates : NOV 23, 2015 - NOV 30, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 5 : 2016-2020 Freightliner Custom Chass XCM Chassis

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Chassis equipped with a certain PDM and chassis receiving inspection only repairs from campaign FL-788.

Production Dates : NOV 23, 2015 - NOV 30, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 6 : 2017-2020 Freightliner Custom Chass XCP Chassis

Vehicle Type :

Body Style :

Power Train : NR

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.

Production Dates : NOV 23, 2015 - NOV 30, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 7 : 2016-2020 Freightliner Custom Chass XCR Chassis

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Chassis equipped with a certain PDM and chassis receiving inspection only repairs from campaign FL-788.

Production Dates : NOV 23, 2015 - NOV 30, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 8 : 2016-2019 Freightliner Custom Chass XCL Chassis

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Chassis equipped with a certain PDM and chassis receiving inspection only repairs from campaign FL-788.

Production Dates : NOV 23, 2015 - NOV 30, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : 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.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Brake lights not working correctly may not notify motorists of a braking event which may lead to an increase crash risk.

Description of the Cause : NR

Identification of Any Warning that can Occur : Inoperative exterior lights can be detected during a pre-trip inspection.

Involved Components :

Component Name 1 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-000

Component Name 2 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-001

Component Name 3 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-002

Component Name 4 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-004

Component Name 5 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-005

Component Name 6 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-006

Component Name 7 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-008

Component Name 8 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-009

Component Name 9 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-010

Component Name 10 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-011

Supplier Identification :

Component Manufacturer

Name : Eaton Corporation

Address : NR

NR

Country : NR

Chronology :

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, 2018 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.

Description of Remedy :

Description of Remedy Program : 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.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Customer notification will be made by first class mail using Daimler Trucks North America records to determine the customers affected.

Planned Dealer Notification Date : JAN 03, 2021 - JAN 03, 2021

Planned Owner Notification Date : JAN 03, 2021 - JAN 03, 2021

* NR - Not Reported