

Part 573 Safety Recall Report

21V-00H

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** APR 21, 2022**NHTSA Recall No. :** 21V-00H**Manufacturer Recall No. :** FL917**Manufacturer Information :****Population :****Manufacturer Name :** Daimler Trucks North America, LLC**Number of potentially involved :** 24,869**Address :** 4747 N. Channel Avenue
Portland OR 97217-3849**Estimated percentage with defect :** 1 %**Company phone :** 800-745-8000**Vehicle Information :****Vehicle 1 :** 2018-2018 Freightliner Custom Chass XBP**Vehicle Type :****Body Style :****Power Train :** NR**Descriptive Information :** Certain XB and XC FCCC Chassis receiving a certain PDM manufactured within the suspect dates including units from FL856.**Production Dates :** NOV 23, 2015 - DEC 07, 2021**VIN Range 1 : Begin :** NR **End :** NR☐ Not sequential**Vehicle 2 :** 2017-2020 Freightliner Custom Chass XBR**Vehicle Type :****Body Style :****Power Train :** NR**Descriptive Information :** Certain XB and XC FCCC Chassis receiving a certain PDM manufactured within the suspect dates including units from FL856**Production Dates :** APR 11, 2016 - NOV 12, 2019**VIN Range 1 : Begin :** NR **End :** NR☐ Not sequential

Vehicle 3 : 2017-2022 Freightliner Custom Chass XBS

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain XB and XC FCCC Chassis receiving a certain PDM manufactured within the suspect dates including units from FL856.

Production Dates : APR 20, 2016 - OCT 29, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 4 : 2016-2019 Freightliner Custom Chass XCL

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain XB and XC FCCC Chassis receiving a certain PDM manufactured within the suspect dates including units from FL856.

Production Dates : MAR 03, 2016 - OCT 30, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 5 : 2016-2022 Freightliner Custom Chass XCM

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain XB and XC FCCC Chassis receiving a certain PDM manufactured within the suspect dates including units from FL856.

Production Dates : DEC 08, 2015 - DEC 07, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 6 : 2017-2021 Freightliner Custom Chass XCP

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain XB and XC FCCC Chassis receiving a certain PDM manufactured within the suspect dates including units from FL856.

Production Dates : NOV 23, 2015 - MAR 24, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 7 : 2016-2023 Freightliner Custom Chass XCR

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain XB and XC FCCC Chassis receiving a certain PDM manufactured within the suspect dates including units from FL856.

Production Dates : DEC 07, 2015 - DEC 07, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 8 : 2017-2023 Freightliner Custom Chass XCS

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain XB and XC FCCC Chassis receiving a certain PDM manufactured within the suspect dates including units from FL856.

Production Dates : MAR 23, 2016 - DEC 07, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : This recall amends and supersedes existing recall FL-856 (NHTSA Campaign No. 20V-404). On certain FCCC XB and XC chassis, equipped with a certain rear mounted Power Distribution Module (PDM), a PDM unique to these chassis, may experience cracked internal solder joints, which after a period of vehicle use may 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 : A66-05172-007

Component Name 8 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-008

Component Name 9 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-009

Component Name 10 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-010

Component Name 11 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-011

Component Name 12 : Power Distribution Module

Component Description : Power Distribution Module

Component Part Number : A66-05172-012

Supplier Identification :

Component Manufacturer

Name : Sure Power Inc

Address : 10955 SW Avery Street
Tualatin Oregon 97062

Country : United States

Chronology :

This matter involves several related and overlapping recall campaigns. On June 18, 2020, NHTSA notified DTNA

of one vehicle owner questionnaire (VOQ) and two field complaints that may be related to a then open recall campaign, FL-788 (NHTSA Campaign No. 18V-852). Given the data and NHTSA's direction, DTNA opened an investigation to reevaluate the scope of that recall, which it did at an expedited pace. Out of an abundance of caution, to further promote safety, and following NHTSA's express instructions to the company, DTNA hastened to issue a recall, and did so on an expedited basis and before understanding the root cause, issuing a second recall campaign FL-856 (NHTSA Campaign No. 20V-404) in July 2020. In determining the population for this recall, DTNA used the supplier's best available information of end-dates, which it had no good faith reason to dispute. Those recall campaigns proceeded in accordance with applicable law, DTNA continued to monitor the matters, and DTNA and NHTSA continued their ongoing communication regarding the matters. Later, in July 2021, a dealer notified DTNA of a potential failed PDM in a vehicle built after DTNA reasonably believed the unknown production problem had been resolved. DTNA did not reasonably believe a safety-related issue was presented. Later, in September 2021 a second dealer reported an alleged PDM failure in a vehicle that had received the recall remedy in FL-856. Now presented with a alleged second incident, DTNA proactively began to investigate the matter afresh, including to determine if the incidents were from the same problem recurring, a different problem, or a mix, as well as ensuring the adequacy of the FL-856 remedy. Taking all reasonable, good faith efforts to understand the issue, DTNA recovered and analyzed failed PDMs in Fall 2021 as part of its investigation, albeit with the limited data and parts available. Chronology continued in PDF attachment.

Description of Remedy :

Description of Remedy Program : A secondary fused harness will be added which bypasses affected suspect portion of the PDM and, based upon the information available at this time, is reasonably believed to resolve the issue. 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 : FEB 20, 2022 - FEB 20, 2022

Planned Owner Notification Date : FEB 20, 2022 - FEB 20, 2022

* NR - Not Reported