

Part 573 Safety Recall Report

21V-882

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** JAN 18, 2022**NHTSA Recall No. :** 21V-882**Manufacturer Recall No. :** FL-907**Manufacturer Information :**

Manufacturer Name : Daimler Trucks North America, LLC

Address : 4747 N. Channel Avenue

Portland OR 97217-3849

Company phone : 800-745-8000

Population :

Number of potentially involved : 6,100

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2017-2019 Western Star 4700

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain Western Star vehicles built with a pass through power stud that were within the population of FL766.

Production Dates : OCT 18, 2016 - FEB 06, 2018

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2017-2019 Western Star 4900

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain Western Star vehicles built with a pass through power stud that were within the population of FL766.

Production Dates : OCT 18, 2016 - FEB 06, 2018

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2017-2019 Western Star 5700

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain Western Star vehicles built with a pass through power stud that were within the population of FL766.

Production Dates : OCT 18, 2016 - FEB 06, 2018

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 4 : 2017-2019 Western Star 6900

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain Western Star vehicles built with a pass through power stud that were within the population of FL766.

Production Dates : OCT 18, 2016 - FEB 06, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : This submission amends the recall remedy in prior DTNA Recall No. FL766 / NHTSA Recall No. 18V-191, moving from an inspect and replace remedy, to replacing the appropriate component in the subject recall population. On certain Western Star vehicles built with a pass through power stud and attached foam gasket seal mounted through the bulkhead, in certain instances a potential exists for contact between the power stud and bulkhead resulting in potential arcing.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Arching of a power cable between the stud and bulkhead could increase the risk of a fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Pass-Thru Stud

Component Description : STUD - PASS-THRU, ELECTRICAL

Component Part Number : A23-14242-000

Component Name 2 : Pass-Thru Stud

Component Description : STUD - PASS-THRU, ELECTRICAL

Component Part Number : A23-14242-001

Component Name 3 : Pass-Thru Stud

Component Description : STUD - PASS-THRU, ELECTRICAL

Component Part Number : A23-14242-002

Component Name 4 : Pass-Thru Stud

Component Description : STUD - PASS-THRU, ELECTRICAL

Component Part Number : A23-14242-003

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In or about March 2018, DTNA recalled certain Western Star vehicles (DTNA Recall No. FL766, NHTSA Recall No. 18V-191). The recall remedy involved, among other things, an inspection of the pass through power stud for clearance to the bulkhead, and if required, replacement of the appropriate component.

Throughout 2018 and 2019, DTNA met with NHTSA's Office of Defects Investigation (ODI) in monthly, voluntary SEL meetings where, among other things, DTNA discussed with ODI data and analysis regarding post-recall incidents in DTNA Recall No. FL766/NHTSA Recall No. 18V-191, and the adequacy of the inspect and replace approach was discussed. DTNA continued in good faith to believe the remedy adequate and otherwise did not present further unreasonable risk to safety, and ODI concurred.

Later, in or about April 2021, DTNA decided to reconsider the inspect and replace remedy approach given certain new data (identified below), opened an investigation, and added that new investigation to the ODI SEL spreadsheet for discussion with ODI during continued monthly SEL discussions with the agency, as required by the agency's December 2020 consent order.

In or about April to late September 2021, DTNA analyzed plant quality data, field service information, warranty data, and inspected exemplar vehicles. DTNA's analysis identified the potential that field operator routine maintenance/cleaning using high pressure power-washing equipment could be introducing additional water intrusion risk that was not reasonably foreseen in prior analysis in DTNA Recall No. FL766/NHTSA Recall No. 18V-191, or in discussions with NHTSA ODI, as well as the possibility that field technicians were encountering inspection challenges that were, likewise not reasonably foreseen.

Chronology continued on PDF copy

Description of Remedy :

Description of Remedy Program : The pass through power studs will be replaced in the subject population. 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 09, 2022 - JAN 09, 2022

Planned Owner Notification Date : JAN 09, 2022 - JAN 09, 2022

* NR - Not Reported