

Part 573 Safety Recall Report

21V-206

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** MAR 24, 2021**NHTSA Recall No. :** 21V-206**Manufacturer Recall No. :** FL-880**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 5,111

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 8 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2019-2021 Western Star 4700

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Only WST 4700 and 5700 trucks with a specific harness family part number (A66-13193)

Production Dates : OCT 24, 2018 - MAR 18, 2021

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2019-2021 Western Star 5700

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Same as stated for 4700

Production Dates : OCT 24, 2018 - MAR 18, 2021

VIN Range 1 : Begin : NR End : NR

 Not sequential**Description of Defect :**

Description of the Defect : On certain Western Star 4700 and 5700 vehicles, the ground harness wiring may be undersized resulting in a melted ground splice connector in the ground circuit harness. If the connector becomes damaged, under certain circumstances, the engine may stall without the ability to restart.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The high failure rate of an unexpected engine stall with the potential inability to pull over to the side of the road, may increase the risk of a crash.

Description of the Cause : Design error from previous 5700 to new 44U 4700 and 5700 units

Identification of Any Warning : May include but not limited to - dash warning light(s), engine derate, engine that can Occur : shut down timer prior to actual shut down

Involved Components :

Component Name 1 : ACM control harness

Component Description : After-treatment wiring harness

Component Part Number : A66-13193-004 and -005

Component Name 2 : DT12 control harness

Component Description : Detroit Transmission Harness

Component Part Number : A66-13193-001

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Late January 2021, DTNA received a field report of a melted connector in the ground circuit causing a shut down on two trucks that had already had the previous recall FL-852 remedy performed. In February 2021, DTNA opened an investigation to determine the root cause and identify potential field exposure. Also in February 2021, as DTNA was investigating, additional field reports came in. March 2021, DTNA completed a review of warranty and field reports. The review revealed other reports of engine shutdowns from a melted ground connection at which point DTNA decided to initiate a subsequent voluntary safety recall on the affected population.

Description of Remedy :

Description of Remedy Program : Subject vehicles will receive a new ground harness. Copies of the reimbursement plan will be submitted as a supplemental report when available.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : New ground harness design part numbers with heavier gauge wiring from ACM control module (based on ATD type/location) and from include DT12 control module harness (as precautionary measure) routed to MGJB bypassing the ground splice pack connection.

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 : MAY 22, 2021 - MAY 22, 2021

Planned Owner Notification Date : MAY 22, 2021 - MAY 22, 2021

* NR - Not Reported