

Part 573 Safety Recall Report

21V-108

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** JUN 29, 2021**NHTSA Recall No. :** 21V-108**Manufacturer Recall No. :** FL-877**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 : 276

Estimated percentage with defect : 28 %

Vehicle Information :

Vehicle 1 : 2021-2022 Freightliner Custom Chass XC Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain motorhome chassis equipped with an adjustable brake pedal assembly built within the identified manufacturing dates.

Production Dates : JUN 18, 2020 - OCT 09, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Certain motorhome chassis equipped with an adjustable brake pedal assembly may not be equipped with a return spring. In some situations, the brake pedal may not promptly return to the return position leaving the brake signal activated and brake lights to stay illuminated. Additionally, in certain towed vehicles, the service brakes may also stay engaged.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : A non-compliance with FVMSS 108 S7.3.5 and table I-A of stop lamp illumination after service brake release may prevent accurate communication to following vehicles of intent of slowing the vehicle down. If the brakes lights stay illuminated after the brake pedal is released, an additional service brake application will not cause the brake lights to illuminate and would not signal to other motorists the intent of the driver to slow the vehicle, potentially leading to an increased risk of a crash. In addition, if the brake activation signal to a towed device remains active when the motorhome chassis service brakes are released, the brakes on a towed device may potentially remain engaged depending on brake configuration of the trailer. A towed device with

incorrectly operating brakes could increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : Brake lights may be illuminated during pre-trip inspections and inability to set cruise after brake pedal is released.

Involved Components :

Component Name 1 : Brake pedal return spring

Component Description : SPRING-TORSION,RETURN

Component Part Number : 12-27994-000

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

October 2020, a body builder notified DTNA of brake lights remaining illuminated after the service brake pedal was released on an XC motorhome chassis. Under further inspection, the reported vehicle identified a missing return spring in the pedal assembly. Also in October 2020, DTNA opened an investigation to identify the scope of the issue, involving a population, warranty, and field report review along with a manufacturing audit and a request for inspections at the chassis plant and body builder locations. October 2020 – February 2021, the review and audit indicated that the part had a shortage in manufacturing but that there were 0 additional reports in the field. An inspection of vehicles located at the chassis plant and body builder location identified 23 chassis with missing spring returns out of 81 inspected. The initial population identified indicated 0 vehicles sold to the end user, such that DTNA based upon available evidence reasonably believed the issue to be contained to vehicles prior to delivery to customers. In February 2021, based on inspection data and an updated suspect vehicle list indicating vehicles with end users, DTNA with an abundance of caution decided to initiate a voluntary recall campaign to address the potential missing return spring on the brake pedal assembly in the field.

Description of Remedy :

Description of Remedy Program : DTNA will inspect the affected assemblies and install a return spring 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 : APR 24, 2021 - APR 24, 2021

Planned Owner Notification Date : APR 24, 2021 - APR 24, 2021

* NR - Not Reported