

Part 573 Safety Recall Report

21V-209

Manufacturer Name : Daimler Trucks North America, LLC

Submission Date : MAR 24, 2021

NHTSA Recall No. : 21V-209

Manufacturer Recall No. : FL-881



Manufacturer Information :

Population :

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 6,105

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 1 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2021-2021 Freightliner Cascadia

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Freightliner Cascadia vehicles built with an Automated Manual Transmission (AMT) with certain clutches between the affected build dates.

Production Dates : JUL 08, 2020 - DEC 14, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2021-2021 Western Star 4700

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Freightliner Cascadia vehicles built with an Automated Manual Transmission (AMT) with certain clutches between the affected build dates.

Production Dates : JUL 08, 2020 - DEC 14, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Clutch damper failure at low miles.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Flange failure may cause loose parts to fall into the clutch pressure plate assembly and potentially affect clutch disengagement. Even though this has not been reported in the field, this may cause the vehicle to lurch and cause unexpected vehicle movement.

Description of the Cause : NR

Identification of Any Warning : It is expected that a failure would happen over a period of time with increasing that can Occur : noise and vibration.

Involved Components :

Component Name 1 : Clutch

Component Description : Automated Manual Transmission Clutch

Component Part Number : A02-14108-001

Supplier Identification :

Component Manufacturer

Name : Schaeffler

Address : NR

NR

Country : NR

Chronology :

In late 2020, DTNA became aware of a potential clutch failure and promptly began a recall (FL869, a/k/a 20V-742) while still investigating root cause and population, and while still trying to determine if any vehicles in the field were actually affected. January 2021, DTNA received the first report of a clutch failure, at low miles. DTNA began investigation to understand the contributing factor of this failure and sent parts to the supplier for analysis. March 2021, DTNA received a second report of a clutch failure. DTNA sent the second set of failed parts to the supplier for analysis. March 18, 2021 out of an abundance of caution, DTNA decided to conduct a voluntary safety recall while continuing to investigate root cause and population. Though the failures seem similar to the defect in FL869, DTNA chose not amend that recall so the vehicles could be tracked for their completion of the revised remedy. At this time, the analysis of these parts has not been completed and root cause has not been established.

Description of Remedy :

Description of Remedy Program : On affected vehicles, the clutch will be replaced. 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 : MAY 22, 2021 - MAY 22, 2021

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

* NR - Not Reported