

## Amended Defect Information Report (Section 573.6)

**FL-869**

**Date of Submission:** *May 14, 2021*

**Manufacturer:** Daimler Trucks North America LLC  
P.O. BOX 3849  
Portland, Oregon 97208

**Type of Report:**  **Safety Defect**  **Non-Compliance**

### Vehicle Information

**Model Yr. Start:** 2021 **Model Yr. End:** 2021

**Make:** *Freightliner*

**Model:** *Cascadia*

**Production Dates:** **Begin:** *07/08/2020* **End:** *9/08/2020*

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

**Number potentially involved:** 1233 **Estimated percentage of involve with defect:** 100%

### Defect / Noncompliance Description

#### For this Defect/Noncompliance:

**Describe the defect or noncompliance:** *Early clutch flange breakage was identified on test rig due to the heat treat and stamping process.*

**Describe 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.*

**Identify any warning which can precede or occur:** *It is expected that a failure would happen over a period of time with increasing noise and vibration.*

**If applicable, identify the manufacture of the defective or noncompliant component:**

**Company Name:** Schaeffler

**Country:** USA

**Address 1:** 3401 Old Airport Road

**Address 2:**

**City:** Wooster

**State:** OH

**Zip/Postal Code:** 44691

**First Name:** Ed

**Last Name:** Rocha

**Position:** Quality Director – Business Division Transmission Systems and Automotive Customer Quality-North America

**Email:** ed.rocha@shaeffler.com

**Phone:** 330-202-6246

## **Involved Components**

**Component Name:** Clutch

**Component Description:** Automated Manual Transmission Clutch

**Component Part Number:** A02-14108-001

## **Chronology of Defect / Noncompliance Determination**

**Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision:** *September 2020 DTNA was notified by the supplier of a clutch failure during a bench test. Initial review of warranty and field reports was completed with no failures in the field reported. DTNA requested additional analysis by the supplier to determine the likelihood, severity and estimated time to failure for a clutch installed in a vehicle. Late October and into November 2020 DTNA received the requested information from the supplier and results of subsequent testing. November 2020, as a result of this further supplier analysis and even though no failures had been reported in the field, DTNA reasonably decided to conduct a voluntary recall as set forth by this report.*

## **Identify the Remedy**

**Describe the defect/noncompliance remedy program, including the manufacture's plan for reimbursement.** *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.*

## **Identify the Recall Schedule**

**Describe the recall schedule for notifications:** *Customer notification will be made by first class mail using Daimler Trucks North America records to determine the customers affected.*

**Planned Dealer Notification Begin Date:** 01/28/2021  
**Planned Dealer Notification End Date:** 01/28/2021  
**Planned Owner Notification Begin Date:** 01/28/2021  
**Planned Owner Notification End Date:** 01/28/2021

**Manufacture's identification code for this recall (if applicable):** FL-869

**DTNA Representative;**



Larissa Stoffels  
Executive Manager, Vehicle Safety  
Compliance and Regulatory Affairs