

## Defect Information Report (Section 573.6)

**FL-881**

**Date of Submission:** *March 24, 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*

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

**Make:** *Western Star*

**Model:** *4700*

**Production Dates:**    **Begin:** *07/08/2020*      **End:** *12/14/2020*

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

**Number potentially involved:** *6,105*    **Estimated percentage of involve with defect:** *1%*

### Defect / Noncompliance Description

**For this Defect/Noncompliance:**

**Describe the defect or noncompliance:** *Clutch damper failure at low miles.*

**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:** Schaeffler

### Involved Components

**Component Name:** Clutch

**Component Description:** Automated Manual Transmission Clutch

## Chronology of Defect / Noncompliance Determination

**Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision:** *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.*

## 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.*

<b>Planned Dealer Notification Begin Date:</b>	<i>05/22/2021</i>
<b>Planned Dealer Notification End Date:</b>	<i>05/22/2021</i>
<b>Planned Owner Notification Begin Date:</b>	<i>05/22/2021</i>
<b>Planned Owner Notification End Date:</b>	<i>05/22/2021</i>

**Manufacture's identification code for this recall (if applicable):** *FL-881*

**DTNA Representative;**



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