**Manufacturer Name:** Daimler Trucks North America, LLC  
**Submission Date:** AUG 01, 2023  
**NHTSA Recall No.:** 23V-537  
**Manufacturer Recall No.:** FL980

<table>
<thead>
<tr>
<th>Manufacturer Information</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer Name: Daimler Trucks North America, LLC</td>
<td>Number of potentially involved: 1,280</td>
</tr>
</tbody>
</table>
| Address: 4747 N. Channel Avenue  
Portland OR 97217-3849  
Company phone: 800-745-8000 | Estimated percentage with defect: 1% |

<table>
<thead>
<tr>
<th>Vehicle Information</th>
<th></th>
</tr>
</thead>
</table>
| **Vehicle 1:** 2023-2023 Freightliner M2  
Vehicle Type: BUSES, MEDIUM & HEAVY VEHICLES  
Body Style: 2-DOOR  
Power Train: DIESEL  
Descriptive Information: Certain trucks built with drive shafts manufactured with components supplied by Dana with non-conforming material from two specific production lots.  
Production Dates: SEP 09, 2022 - OCT 10, 2022  
VIN Range 1: Begin: NR  
End: NR |  |
| **Vehicle 2:** 2023-2023 Freightliner Custom Chass MT 55G Walk in Van Chassis  
Vehicle Type: BUSES, MEDIUM & HEAVY VEHICLES  
Body Style: OTHER  
Power Train: GAS  
Descriptive Information: Certain trucks built with drive shafts manufactured with components supplied by Dana with non-conforming material from two specific production lots.  
Production Dates: SEP 09, 2022 - OCT 10, 2022  
VIN Range 1: Begin: NR  
End: NR |  |
| **Vehicle 3:** 2023-2023 Freightliner Custom Chass S2C 106 Conventional Cab & Chassis  
Vehicle Type: BUSES, MEDIUM & HEAVY VEHICLES  
Body Style: OTHER  
Power Train: DIESEL  
Descriptive Information: Certain trucks built with drive shafts manufactured with components supplied by Dana with non-conforming material from two specific production lots.  
Production Dates: SEP 21, 2022 - OCT 10, 2022  
VIN Range 1: Begin: NR  
End: NR | |

The information contained in this report was submitted pursuant to 49 CFR §573.
Vehicle 4: 2023-2023 Freightliner Custom Chass MC Chassis  
Vehicle Type: BUSES, MEDIUM & HEAVY VEHICLES  
Body Style: OTHER  
Power Train: DIESEL  
Descriptive Information: Certain trucks built with drive shafts manufactured with components supplied by Dana with non-conforming material from two specific production lots.  
Production Dates: SEP 15, 2022 - OCT 04, 2022  
VIN Range 1: Begin: NR  
End: NR  

Vehicle 5: 2023-2023 Thomas Built Buses SAF-T-LINER C2  
Vehicle Type: BUSES, MEDIUM & HEAVY VEHICLES  
Body Style: OTHER  
Power Train: DIESEL  
Descriptive Information: Certain trucks built with drive shafts manufactured with components supplied by Dana with non-conforming material from two specific production lots.  
Production Dates: SEP 16, 2022 - OCT 10, 2022  
VIN Range 1: Begin: NR  
End: NR  

Description of Defect:  
From the suppliers defect report, “supplier's use of non-conforming material in its production processes, the specified drive shafts do not meet specification and can break in certain high loading conditions”.  

Description of the Safety Risk: From supplier defect report, “in the event a driveshaft breaks, it can separate from the vehicle, which could increase the risk of a crash”.  

Description of the Cause: Due to an error in the supplier's production processes, non-conforming material was used to manufacture the specified driveshafts.  

Identification of Any Warning that can Occur: N/A  

Involved Components:  
Component Name 1: Drive Shaft  
Component Description: Drive Shaft  
Component Part Number: SPL 100
Supplier Identification:

<table>
<thead>
<tr>
<th>Component Manufacturer</th>
<th>Name</th>
<th>Address</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dana-Spicer</td>
<td>3939 Technology Drive, Maumee, Ohio 43537</td>
<td>United States</td>
</tr>
</tbody>
</table>

Chronology:

On July 26, 2023, DTNA received a copy of the Defect Information Report that Dana filed a recall for a certain lot of potentially defective drive shafts after completing an analysis of a single drive shaft failure in April of 2023. After reviewing preliminary information furnished from Dana, DTNA was able to match a suspect population range. On July 31, 2023, DTNA decided to file a vehicle companion recall to support Dana’s recall for this issue. DTNA is not aware of any accidents or injuries related to this issue. DTNA anticipates the recall population may be adjusted after receiving additional information from Dana cross-referencing part serial number to truck VINs. DTNA found 1 total warranty claim related to this issue.

Description of Remedy:

<table>
<thead>
<tr>
<th>Description of Remedy Program</th>
<th>How Remedy Component Differs from Recalled Component</th>
<th>Identify How/When Recall Condition was Corrected in Production</th>
</tr>
</thead>
<tbody>
<tr>
<td>Affected vehicle owners will receive a replacement drive shaft. DTNA is currently developing the repair strategy. Repairs will be performed free of charge by Daimler Truck North America authorized service facilities. Details of the reimbursement plan will be included in the owner’s notification letter. Owners are directed to seek reimbursement through authorized dealers.</td>
<td>NR</td>
<td>Affected vehicle owners will receive a replacement drive shaft. DTNA is currently developing the repair strategy. Repairs will be performed free of charge by Daimler Truck North America authorized service facilities. Details of the reimbursement plan will be included in the owner’s notification letter. Owners are directed to seek reimbursement through authorized dealers.</td>
</tr>
</tbody>
</table>

Recall Schedule:

<table>
<thead>
<tr>
<th>Description of Recall Schedule</th>
<th>Planned Dealer Notification Date</th>
<th>Planned Owner Notification Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer notification will be made by first class mail using Daimler Trucks North America records to determine the customers affected.</td>
<td>SEP 30, 2023 - SEP 30, 2023</td>
<td>SEP 30, 2023 - SEP 30, 2023</td>
</tr>
</tbody>
</table>
* NR - Not Reported