

Part 573 Safety Recall Report

19V-444

Manufacturer Name : Daimler Trucks North America LLC

Submission Date : SEP 25, 2020

NHTSA Recall No. : 19V-444

Manufacturer Recall No. : FL-818



Manufacturer Information :

Population :

Manufacturer Name : Daimler Trucks North America LLC

Address : 4747 N. Channel Avenue

Portland OR 97217-3849

Company phone : 800-745-8000

Number of potentially involved : 11,546

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2010-2019 Thomas Built Buses Saf-T-Liner C2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : School Buses equipped with certain Bendix Air Disc Brakes on the rear axle that Bendix has identified per the equipment recall 19E-030.

Production Dates : MAR 16, 2009 - JUN 29, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2016-2019 Thomas Built Buses Saf-T-Liner HDX

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : School Buses equipped with certain Bendix Air Disc Brakes on the rear axle that Bendix has identified per the equipment recall 19E-030.

Production Dates : AUG 10, 2015 - JUN 29, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 3 : 2017-2019 Thomas Built Buses Saf-T-Liner EFX

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : School Buses equipped with certain Bendix Air Disc Brakes on the rear axle that Bendix has identified per the equipment recall 19E-030.

Production Dates : MAR 15, 2016 - JUN 22, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Bendix states per NHTSA 19E-030, "The ADB22X on the left (driver side) rear corner on school bus applications may experience an unintended reduction in the gap between the brake pad and rotor (running clearance), during operation which can lead to a dragging brake."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Bendix states per NHTSA 19E-030, "If the gap between the brake pad and rotor is eliminated, it may lead to high temperatures at the wheel end. The high temperatures may lead to the presence of smoke, smoke odor, or in remote cases a potential for fire, which could result in school bus emergency evacuation procedures in uncontrolled traffic situations."

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : Bendix Commercial Vehicle Systems LLC.

Address : NR

NR

Country : NR

Chronology :

In October – December 2018, DTNA received two informal reports of rear brakes dragging in the field. January 2019, DTNA was informed by Bendix of the supplier's ongoing investigation of the brake issue. (Please refer to the chronology in equipment recall 19E-030.) DTNA opened an investigation and reviewed warranty claims with the supplier. DTNA identified three claims related to this issue that were reported from 2014-2015.

Bendix began inspecting and collecting data from vehicles at the plant, and DTNA collaborated with Bendix in this effort. February – April 2019, supplier testing and field inspection results identified the internal caliper adjuster behavior is different between the wheel end locations. May 2019, Bendix notified DTNA of a NHTSA 573 submission on school buses equipped with Bendix ADB 22X calipers on the left rear wheel end. June 2019, due to Bendix filing an equipment recall 19E-030, and in an abundance of caution, DTNA has decided to recall suspect vehicles built within the Bendix identified caliper build range.

Description of Remedy :

Description of Remedy Program :	The left rear caliper will be replaced with a new caliper containing an updated clearance adjustment mechanism. Repairs will be performed by Daimler Trucks North America authorized service facilities. Copies of the reimbursement plan will be submitted as a supplemental report when available.
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 :	AUG 09, 2019 - AUG 09, 2019
Planned Owner Notification Date :	AUG 09, 2019 - AUG 09, 2019

* NR - Not Reported