

Part 573 Safety Recall Report

19E-030

Manufacturer Name : Bendix Commercial Vehicle Systems LLC

Submission Date : APR 18, 2019

NHTSA Recall No. : 19E-030

Manufacturer Recall No. : NR



Manufacturer Information :

Population :

Manufacturer Name : Bendix Commercial Vehicle Systems LLC

Number of potentially involved : 17,050

Address : 901 Cleveland Street

Estimated percentage with defect : 100 %

Elyria OH 44035

Company phone : 440-329-9000

Equipment Information :

Brand / Trade 1 : Bendix

Model : Air Disc Brake ADB22X™

Part No. : ADB22X™

Size : n/a

Function : Brake Caliper

Descriptive Information : The Bendix ADB22X Air Disc Brakes (ADB) uses a floating caliper design to provide foundation braking on all axles of school buses produced by BlueBird, IC Bus, and Thomas Built Bus.

Production Dates : APR 01, 2012 - NOV 27, 2018

Description of Defect :

Description of the Defect : 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 : 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 : This condition results from the brake product's prior generation adjustment mechanism design. Due to the direction of wheel rotation, the left rear adjustment process is susceptible to unintended adjustments, in school bus applications where there is a high number of park brake applications which only occur on rear axles.

Identification of Any Warning that can Occur : The left rear ABS sensor wire may become damaged due to high temperatures and set an ABS fault which illuminates the ABS dash warning light. Odors associated with high temperature brake pads may be detected. Smoke may be observed coming from the left rear wheel.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Chronology of Defect Determination is uploaded as a separate file.

Description of Remedy :

Description of Remedy Program : Bendix will provide replacement kits for left rear ADB22X calipers on applicable school buses. The kit will contain a new caliper with an updated clearance adjustment mechanism and necessary hardware to install the caliper assembly. The kits will be installed through an OEM authorized location at no cost to the vehicle owner.

How Remedy Component Differs from Recalled Component : The remedy component has an updated clearance adjustment mechanism that is internal to the ADB22X assembly. It is identified by the ADB22X serialized production number.

Identify How/When Recall Condition was Corrected in Production : Although not associated with this particular recall event, Bendix had already begun producing ADB22X products using a next generation clearance adjustment mechanism beginning in March, 2017. All school bus OEMs were fully transitioned to the next generation design as of November, 2018.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR
Address : NR
NR
Country : NR
Company Phone : NR

* NR - Not Reported