

Part 573 Safety Recall Report

17V-633

Manufacturer Name : Wabash National Corporation**Submission Date :** OCT 09, 2017**NHTSA Recall No. :** 17V-633**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Wabash National Corporation

Address : PO Box 6129
1000 Sagamore Parkway South
Lafayette IN 47903-6129

Company phone : 999

Population :

Number of potentially involved : 314

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2018-2018 Wabash National Van Trailer

Vehicle Type : TRAILERS

Body Style : VAN

Power Train : NR

Descriptive Information : Three fleets experienced loose air disc brake calipers on trailer axles and MPA/MTA suspensions equipped with Meritor EX225 brakes. Some caliper bolts did not meet the torque specifications. The previous method of manual control for verifying correct torque was inadvertently omitted in a small number of cases following significant production volume increases in February 2017. All reported exceptions were found after March 2017 production date.

Production Dates : FEB 09, 2017 - AUG 24, 2017

VIN Range 1 : Begin : 1JJV342D3JL055568 End : 1JJV482D1JL057324 Not sequential**Description of Defect :**

Description of the Defect : On trailer axles and MPA/MTA suspensions equipped with Meritor EX225 brakes some caliper bolts were not torqued to the specification

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : Improperly torqued caliper bolts can lead to the caliper detaching from the mounting flange and loss of braking capability at that location

Description of the Cause : Braking performance will be affected and may cause the brake system to default to spring control

Identification of Any Warning that can Occur : Depending on looseness, visual inspection may detect caliper bolt issue

Supplier Identification :**Component Manufacturer**

Name : Meritor Inc
Address : 2135 West Maple Road
Troy 48084
Country : NR

Chronology :

- according to Meritor Inc. Wabash National have no records of this condition.
- 7/20/2017 An EX ADB equipped dressed axle built on 3/7/2017 for Wabash was reported to have the EX225 brake caliper come detached on 7/20/17.
- 7/21/2017 Meritor visited to inspect trailer and conduct investigation
 - 7/25/2017 An EX 225 ADB equipped MTA axles built on 3/24/17 was reported to have broken loose from the torque plate on 7/25/17.
 - 7/28/2017 An EX225 ADB equipped MPA RideSentry suspension built on 6/8/17 was reported to have lost all 6 caliper bolts upon delivery.
 - 7/31/2017 Meritor visited to inspect and conduct investigation.
 - 8/4/2017 Meritor implemented additional torque verification as a preliminary action.
 - 8/4/2017 Meritor engineering analysis
 - 8/4/2017 – 8/22/2017 Meritor team conducting additional field analysis.
 - 8/24/2017 Meritor determine field action was required

Description of Remedy :

Description of Remedy Program : Caliper bolts missing or under torqued. If no bolts are loose (hand tight) or missing use an appropriate-length torque wrench to tighten the carrier mounting bolts at all wheel end positions on the trailer. If one bolt is loose (hand tight) or missing; use the appropriate kit to replace all of the mounting bolts with new bolts and washers. Use an appropriate-length torque wrench to tighten the carrier mounting bolts at all wheel end positions on the trailer.

How Remedy Component Differs from Recalled Component : To identify Meritor EX+ calipers, remove the protective cap from the adjuster screw and look for the part number engraved in the metal plate (EX225...)

Identify How/When Recall Condition was Corrected in Production : 8/4/2017 Meritor implemented additional torque verification. Two operators have been dedicated to the torque check process.

Recall Schedule :

Description of Recall Schedule : Customer will be notified of Meritor's remedy

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : DEC 05, 2017 - DEC 05, 2017

* NR - Not Reported