



WABCO USA LLC

# Equipment Report

Transaction ID: 21-005341-26812-10 (Original Report)

Required fields indicated with \*

Your report has been submitted. Your Transaction No. is 21-005341-26812-10.

<b>Manufacturer: WABCO USA LLC</b>	
2135 West Maple Road Troy MI 48084	<a href="#">Kelly Freeman</a> Regional Counsel, NA 403-1767,

This is a Safety Defect Report.

Equipment Information	
<b>WABCO Trailer ABS iABS-2M See Descriptive Info</b>	
<p>* <b>Brand/Trade:</b> WABCO Trailer ABS</p> <p>* <b>Model:</b> iABS-2M</p> <hr/> <p><b>Production Dates</b>    Begin: 09/19/2019                                   End: 10/06/2021</p> <hr/> <p>* <b>Part No.:</b> See Descriptive Info</p> <p><b>Size:</b></p>	<p><b>Function:</b></p> <p><b>Descriptive Information:</b></p> <p>A low-torque logic was used in a rework station in production at WABCO, and screws on the bracket cover and end cover of iABS units that had been reprocessed at this station were found to be under-torqued. The relevant WABCO part numbers are 400 500 420 0 (standard) and 400 500 430 0 (premium).</p>

**Number potentially involved:** 277      **Estimated percentage of involved with defect:** 100%

Defect / Noncompliance Description	
For this Defect/Noncompliance:	
<p>* <b>Describe the defect or noncompliance:</b></p> <p>Screws securing the bracket cover and end cover of certain iABS units may have been under-torqued, creating the potential for the screws to back out over time and create a loss of pressure inside the unit.</p> <p><b>If a noncompliance, provide the applicable FMVSS:</b></p> <p><b>If applicable, provide any further FMVSS affected:</b></p> <p><b>Describe the cause:</b></p> <p>Machine logic at the station was incorrectly programmed to provide a lower force to devices that had undergone rework.</p>	<p>* <b>Describe the safety risk:</b></p> <p>If under-torqued screws back out over time, there could be a potential loss of service braking or loss of control pressure for a trailer connected to the iABS during operation without warning, which could increase the risk of a vehicle crash.</p> <p><b>Identify any warning which can precede or occur:</b></p>
<b>This Recall affects all vehicles.</b>	
If applicable, identify the manufacturer of the defective or noncompliant component. If the manufacturer of the component is unknown, provide the information for the company that supplied the subject component.	
Component manufacturer	
Company Information	Company Contact Information
<b>Company Name:</b>	<b>First Name:</b>
<b>Country:</b>	<b>Last Name:</b>
<b>Address 1:</b>	<b>Position:</b>
<b>Address 2:</b>	<b>Email:</b>
<b>City:</b>	<b>Phone:</b>
<b>State:</b>	
<b>Zip/Postal Code:</b>	

Involved Components	
If the defect or noncompliance involves a specific component(s), identify that component(s) below.	
<b>Component Name:</b>	iABS-2M

**Component Description:** Trailer Anti-lock Braking System  
**Component Part Number:** 400 500 420 0 (standard) and 400 500 430 0 (premium)

**Purchaser Information**

**Company:** Great Dane LLC  
**Country:** United States  
**Address 1:** 222 N. La Salle St Ste 920  
**Address 2:**  
**City:** Chicago  
**State:** ILLINOIS  
**Zip/Postal Code:** 60601

**First Name:** [Redacted]  
**Last Name:** [Redacted]  
**Position:** [Redacted]  
**Email:** [Redacted]  
**Phone:** [Redacted]

**Company:** Timpte, Inc.  
**Country:** United States  
**Address 1:** 1827 Industrial Drive  
**Address 2:**  
**City:** David City  
**State:** NEBRASKA  
**Zip/Postal Code:** 68662

**First Name:** [Redacted]  
**Last Name:** [Redacted]  
**Position:** [Redacted]  
**Email:** [Redacted]  
**Phone:** [Redacted]

**Chronology of Defect / Noncompliance Determination**

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

On August 17, 2021, during an internal audit process, WABCO detected that the rework / re-insertion logic at a work station in its North Charleston assembly plant was incorrect. The logic forced the assembly tool at the station to drive self-tapping screws on the iABS bracket cover and end cover to a final torque that was below the design requirement. WABCO immediately contained potentially affected parts and initiated an investigation. WABCO concluded that additional screws may have been affected, contacted customers that were shipped potentially affected parts, and continued its investigation. On October 22, 2021, WABCO made the decision to submit a Part 573 report to NHTSA based on available information. To date, WABCO has received no warranty claims or reports of accidents or injuries related to this condition.

**Identify the Remedy**

**Describe the defect/noncompliance remedy program, including the manufacturer's plan for reimbursement.**

WABCO will work with its customers to provide detailed instructions to identify, diagnose and repair or replace affected components that may have under-torqued screws as a result of the rework. Pursuant to 49 CFR 577.11(e), WABCO requests that it be exempt from providing notification of a reimbursement plan. Any pre-notification product failure would have been replaced under the manufacturer's limited warranty. Accordingly, no person would be eligible for reimbursement pursuant to 573.13.

**Describe what distinguishes the remedy component from the recalled component.**

Replacement iABS units have been assembled using adequate torque applied to screws at both the bracket cover and end cover.

**Identify and describe how and when the recall condition was corrected in production.**

WABCO created an immediate corrective action for the production logic on the same day the condition was discovered. The correct torquing was confirmed through a number of trials and reviews conducted between August 17, 2021 and August 20, 2021. WABCO also added a detection process at a later station to confirm all torques are in specification.

**Identify the Recall Schedule**

**Describe the recall schedule for notifications.:**

WABCO has notified its vehicle-manufacturer customers about the issue and will work with those customers to address the issue with distributors and owners. WABCO does not have dealers; therefore, it has not populated the Planned Dealer Notification portion of this report and will not be issuing a dealer notification.

**Planned Dealer Notification Begin Date:**  
**Planned Dealer Notification End Date:**  
**Planned Owner Notification Begin Date:**  
**Planned Owner Notification End Date:**

**Manufacturer's identification code for this recall (if applicable):**

Please be reminded that owner notification letters must be mailed no more than 60 days from submission of this report.

**Manufacturer Comments to NHTSA Staff**

**Document Upload**

There are 0 documents associated with this report.