

Part 573 Safety Recall Report

21V-883

Manufacturer Name : Timpte, Inc.**Submission Date :** NOV 24, 2021**NHTSA Recall No. :** 21V-883**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Timpte, Inc.

Address : 1827 Industrial Drive

David City NE 68632

Company phone : 402-367-3056

Population :

Number of potentially involved : 67

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Timpte Bulk Commodity Hopper Trailers

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : This safety recall is based on information received from ZF Wabco for the iABS ECU assembly issues reported to Timpte officially Wednesday, November 10, 2021

ZF Wabco provided a list of suspect iABS ECU units that were considered suspect based on their process review for ECU assembly

67 trailers have been identified from the ZF Wabco suspect iABS ECU list provided for review. All are Timpte Bulk Commodity Trailers, models 28'6, 33'5, 38', 40', 42', T45', T48' and T50' models.

Production Dates : MAY 17, 2021 - NOV 01, 2021

VIN Range 1 : Begin : 1TDH40025NB171735 End : 1TDH3352xnb174711

 Not sequential

VIN Range 2 : Begin : 1TDH40025NB171735 End : 1TDH3352xnb174711

 Not sequential

VIN Range 3 : Begin : 1TDH40025NB171735 End : 1TDH3352xnb174711

 Not sequential**Description of Defect :**

Description of the Defect : The ECU units were not assembled with the correct installation torque for some fasteners in the ECU Bodies

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : 136 - Electronic Stability Control Systems on Heavy Vehicles

Description of the Safety Risk : The ECUs may fail for the ABS function, per the Component manufacturer. There is an increased risk of crash due to the condition of the suspect ECUs.

Description of the Cause : the ABS system may not function, per the ECU Manufacturer, ZF Wabco

Identification of Any Warning that can Occur : Timpte is not aware of any warning that might occur due to this defect. The ECU's may fail to function as designed if failure occurs.

Involved Components :

Component Name 1 : iABS ECU

Component Description : ABS System Electronic Control Unit

Component Part Number : 400 500 430 0

Component Name 2 : iABS ECU

Component Description : ABS System Electronic Control Unit

Component Part Number : 400 500 420 0

Supplier Identification :

Component Manufacturer

Name : ZF Group

Address : 1220 Pacific Drive
Auburn Hills 48326

Country : NR

Chronology :

Timpte was informed November 10, 2021 of a Safety Recall for suspect ABS units manufactured by ZF Group (Wabco). The issue identified was that fasteners in the ECU bodies may not have been properly torqued during the assembly process. ZF Group (Wabco) determined that the issues was a potential safety Risk, so the decision to initiate a Safety Recall will be initiated by Timpte, Inc for the 67 units that have been identified as being completed with suspect iABS ECU's as part of the vehicle ABS system.

Description of Remedy :

Description of Remedy Program : All suspect iABS ECUs will be replaced in the affected trailers with new ECU units, provided by the component manufacturer at no cost to the Customer. Labor for the replacement will consist of 2 man-hours labor, @ \$90.00 per man-hour, for each replacement component for each trailer affected (\$180.00 total labor). Replacements will occur at qualified Timpote Repair Centers and Timpote Dealers. The Repair Facility must have the programming equipment and software to program each new ECU for each trailer affected. Programming the new ECU will be required as part of the ECU replacement.

How Remedy Component Differs from Recalled Component : The remedy component has been manufactured following the proper assembly process at the component manufacturer following a process audit to eliminate the assembly problems.

The suspect units will be returned to ZF Group (Wabco) for disposition following the component updates

Identify How/When Recall Condition was Corrected in Production : The assembly problem was discovered as part of a process audit.

Recall Schedule :

Description of Recall Schedule : A draft letter will be sent to NHTSA for review the week of November 15, 2021 for review and mark-up. Once approved, the certified letters will be placed into NHTSA approved envelopes and sent to each trailer owner.

Planned Dealer Notification Date : NOV 22, 2021 - JAN 21, 2022

Planned Owner Notification Date : NOV 22, 2021 - JAN 21, 2022

* NR - Not Reported