

# Part 573 Safety Recall Report

## 20V-159

**Manufacturer Name :** Tremcar**Submission Date :** MAR 19, 2020**NHTSA Recall No. :** 20V-159**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Tremcar

Number of potentially involved : 47

Address : 790 Montrichard

Estimated percentage with defect : 94 %

St. Jean-sur-Richelieu 00 J2X5G4

Company phone : 3477822

**Vehicle Information :**

Vehicle 1 : 2018-2020 TREMCAR TRAILER

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : A limited number of Hendrickson CONNEX ST trailer steerable suspension and axle systems include brake actuators (TSE Part No. 3030TLW30E-4071) supplied by TSE Brakes with flat mounting washers that may fracture under certain conditions.

Production Dates : OCT 12, 2018 - MAR 02, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Defect :**

Description of the Defect : Brake actuators (TSE Part No. 3030TLW30E-4071) supplied by TSE Brakes were equipped with flat mounting washers (for installation to vehicle brackets) that do not comply with TSE Brakes' specifications and may fracture under certain conditions

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : TSE Brakes advises any such fractures in the flat mounting washers may in some cases result in a loss of clamp load on the corresponding mounting bolt, which may reduce the output force from the brake actuator and potentially increase the stopping distance of the vehicle. Hendrickson and TSE Brakes have not received any field reports of any such washer fractures.

Description of the Cause : TSE Brakes advises fractured washers have failed due to hydrogen assisted cracking, caused by a combination of hydrogen embrittlement of the washer coupled with a deformation of the washer when used with a slotted style bracket for vehicle applications.

Identification of Any Warning that can Occur : None identified by Hendrickson or TSE Brakes

## Supplier Identification :

### Component Manufacturer

Name : TSE Brakes, Inc.  
Address : 2310 Industrial Drive SW  
Cullman ALABAMA 35055  
Country : United States

## Chronology :

01/07/19: TSE Brakes sent to Hendrickson notification regarding NHTSA Campaign No. 18E-109.  
01/29/19: Hendrickson contained and ceased any further use of the identified population of affected TSE brake actuators in the manufacture of CONNEX ST suspension assemblies, based on TSE Brakes' preliminary dates and quantities of affected brake actuators shipped to Hendrickson.  
04/25/19: TSE Brakes sent to Hendrickson additional information confirming the dates and quantities of affected brake actuators shipped to Hendrickson.  
10/15/19: Hendrickson and TSE Brakes further conferred on updated information regarding the population of Hendrickson CONNEX ST suspensions likely equipped with affected TSE brake actuators and plans to contact Hendrickson's applicable trailer manufacturer customers.  
10/21/19: Hendrickson will start informally notifying its applicable trailer manufacture customers of this matter.  
02/28/2020: Tremcar received the notification by mail

## Description of Remedy :

Description of Remedy Program : Hendrickson will notify its applicable trailer manufacture customers of this issue and request they and their applicable field end users contact TSE Brakes to order replacement brake actuator mounting washer and nut kits. TSE Brakes will manage and track the orders and shipments of all such replacement kits to applicable trailer manufacture and field end users. TSE Brakes will provide a standard allocation with labor hours for installation of the replacement kits.

How Remedy Component Differs from Recalled Component : The recalled brake actuators (TSE Part No. 3030TLW30E-4071) installed on the subject Hendrickson CONNEX ST systems are equipped with flat mounting washers that have a distinct manufacturer's marking/logo (as shown in TSE Brakes' Product Bulletin TSB# 2019-002). TSE Brakes' replacement flat mounting washers do not have the manufacturer's

Identify How/When Recall Condition was Corrected in Production :	marking/logo. 01/29/19: Hendrickson contained and ceased any further use of the identified population of TSE brake actuators in the manufacture of CONNEX ST suspension assemblies, based on TSE Brakes’ preliminary dates and quantities of affected brake actuators shipped to Hendrickson.
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Recall Schedule :

Description of Recall Schedule :	By 03/23/2020, TREMCAR will start formally notifying its applicable customers of this matter. Formal notification will start within 30 days thereafter.
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	NR - NR

\* NR - Not Reported