



Lippert Components, Inc.

Equipment Report

Transaction No.: 15-001523-16441-10

Required fields indicated with *

Your report has been submitted. Your Transaction No. is 15-001523-16441-10.

Manufacturer: Lippert Components, Inc.

Attn: Shawn Lewis
Elkhart IN 46515

Pamela VanderMei Warranty Manager
574-312-6040

This is a Safety Defect Report.

Equipment Information

Axles Hub 122093

* **Brand/Trade:** Axles
* **Model:** Hub

Function:
Axle

Production Dates Begin: 03/12/2015
End: 03/26/2015

Descriptive Information:
12 x 2 Brake Hub

* **Part No.:** 122093
Size:

Number potentially involved: 5000 **Estimated percentage of involved with defect:** 18%

Defect / Noncompliance Description

For this Defect/Noncompliance:

*** Describe the defect or noncompliance:**

Broken wheel stud at in-process torque station not representative of improper torque process but rather a suspect process condition due to the location of the failure on the wheel bolt. The stud breakage was under the serrations located on the top of the threads.

*** Describe the safety risk:**

To date all failures have occurred at in-process torque or at PDI torque process station at the OEM. There have been no field failures. To date, there have been 11 total known wheel bolts break of this nature at two OEM's. As a precautionary measure we opted to locate the production date runs and contain to ensure we do not have any problems while awaiting test results.

If a noncompliance, provide the applicable FMVSS:

Describe the cause:

Cause as of yet is unknown. Samples were received of the broken wheel bolts from customer and sent to Exova Lab. We are awaiting formal results to follow as additional samples were sent to lab. Initial suspicion is embrittlement due to "Tempered Martensitic Embrittlement".

Identify any warning which can precede or occur:

No warning until final torque is placed on nut.

This Recall affects all vehicles.

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

Company Name: TRP International, Inc.
Country: United States
Address 1: 365 S Park Ridge Road, Suite 1
Address 2:
City: Bloomington
State: INDIANA
Zip/Postal Code:

First Name:
Last Name:
Position:
Email:
Phone: 8123308749

Purchaser Information

Chronology of Defect / Noncompliance Determination

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

On March 25, 2015 a Customer contacted Bruce Bailey, LCI axle engineer, with a broken stud on three consecutive units on their line. All three occurrences were on the rear door side of the unit. Pictures were sent to Bruce Bailey. The location of breakage was different than we would typically see on a cross thread or lug nut issue and all three were on a TRP supplied hub and drum. On March 26, 2015 it was decided to place all product built using the SZ141223 thru SZ141228 Julian date on TRP hubs on hold as a precautionary measure while waiting further testing. After initial testing it was decided on March 27, 2015 that the lot of TRP hubs may be defective,

Identify the Remedy

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

Lippert Components will replace the hub from another supplier that has no known issues. Lippert Components will reimburse OEM's for hub changes occurring in the field by dealers.

Describe what distinguishes the remedy component from the recalled component.

Placed all TRP supplier 6 lug hub and drums on hold within the Lippert facility until testing could be completed. If shipment was needed the product was replaced with a different supplier. This issue has not been located in any other supplier's product or past production runs. Testing is under way in our R & D facility. A fixture was designed to try to repeat the breakage within a controlled environment. Testing is ongoing.

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

All hub and drums for TRP were placed on hold.

Identify the Recall Schedule

Describe the recall schedule for notifications.:

Lippert started notifying its customers on March 27, 2015.

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):

LCI-TRP-0315001

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

Regarding field above titled "Estimated percentage of involved with defect". The above field would not allow us to enter the decimal, we wish to utilize this field to restate the % is .018%.

Document Upload

There are 0 documents associated with this report.

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