

# Part 573 Safety Recall Report

# 16V-783

**Manufacturer Name :** Con-Tech Manufacturing**Submission Date :** OCT 25, 2016**NHTSA Recall No. :** 16V-783**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Con-Tech Manufacturing

Address : 67079 170 Ave

Dodge Center MN 55927

Company phone : 507-374-2239

**Population :**

Number of potentially involved : 508

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2015-2017 Contech Manufacturing BridgeKing

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style :

Power Train : NR

**Descriptive Information :** A limited number of Hendrickson Bridge Axles, installed by Con-Tech on certain Con-Tech Bridge King mixer trucks, may develop cracks at the Bridge Axle fender mounts to the upper kingpin housing components.

Production Dates : SEP 13, 2015 - APR 08, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** The effected Bridge Axles include fenders that are mounted to the upper kingpin housings. A particular design update (Revision B) to the upper kingpin housing was manufactured without support gussets. In the field, cracks have been identified at the fender mounts to Revision B upper kingpin housings on a limited number of Bridge Axles. This condition has not resulted in any field incidents, vehicle accidents or injuries. No other axles manufactured by Hendrickson are similar in design to the subject Bridge Axle part number

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** If a crack fully penetrates through a fender mount on a Revision B upper kingpin housing, the fender could detach from the Bridge Axle.

**Description of the Cause :** The root cause of the fender mount cracks is the Revision B upper kingpin housing (without the support gussets) not providing the same level of durability for the fender mount in the field as other versions of the upper kingpin housing.

**Identification of Any Warning** Affected Bridge Axles in service should be inspected by manipulating the

that can Occur : fenders by hand to check for any excessive movement in the fore-aft and side-side directions. Any such excessive fender movement may be an indication of a cracked fender mount. If excessive fender movement is found, end users should immediately suspend use of the vehicle, and contact Hendrickson to arrange for installation of an upper kingpin housing service kit (Hendrickson Part No. R-016054-000).

If excessive fender movement is not found, DYKEM Cross-Check Tamper Proof torque marker (Orange - Part No. 83314) should be applied to designated areas of each upper kingpin housing. Then, such areas should be inspected each day to help detect any potential excessive fender movement.

## Supplier Identification :

### Component Manufacturer

Name : Hendrickson USA, LLC  
Address : 500 Park Boulevard  
Ste 100 Itasca ILLINOIS 60143-1285  
Country : United States

## Chronology :

02-24-16 – Hendrickson received the first reported failure of a fender mount. Upon review, it was determined the end user was operating the subject Bridge Axle that had been retrofitted with a heavier, aftermarket fender not supplied or approved by Hendrickson.  
07-27-16 – Hendrickson received a second reported failure of a fender mount on a Bridge Axle equipped with a standard Hendrickson fender.  
08-23-16 – Hendrickson received an additional reported fender mount failure.  
09-21-16 – Hendrickson received an additional reported fender mount failure.  
10-05-16 – Hendrickson and Con-Tech decided to develop a field retrofit kit to be used to replace Revision B upper kingpin housings on Bridge Axles in the field that sustained broken fender mounts.

## Description of Remedy :

Description of Remedy Program : The remedy consists of replacing the suspect Revision B upper kingpin housings with an upper kingpin housing service kit (Hendrickson Part No. R-016054-000), which includes support gussets. With coordinated assistance from Con-Tech, Hendrickson will arrange for installation of the upper kingpin housing service kits in the field, at no cost to end users.

**How Remedy Component Differs from Recalled Component :** The affected Revision B upper kingpin housings do not include support gussets, and are to be replaced with an upper kingpin housing service kit (Hendrickson Part No. R-016054-000), which includes support gussets.

**Identify How/When Recall Condition was Corrected in Production :** Hendrickson manufactured 508 of the subject Bridge Axles between 09/03/15 and 04/08/16, and exclusively sold all such units to Con-Tech. As of 04/09/16, Hendrickson discontinued use of the Revision B upper kingpin housing on new Bridge Axles manufactured for Con-Tech, and started use of an updated upper kingpin housing design that includes support gussets.

### Recall Schedule :

**Description of Recall Schedule :** As soon as NHTSA filing is approved, certified letters will be sent to owner of record with notification letter and Hendrickson Tech Bulletin

**Planned Dealer Notification Date :** NR - NR

**Planned Owner Notification Date :** OCT 28, 2016 - NOV 04, 2016

\* NR - Not Reported