

OSHKOSH CORPORATION

ISO 9001 CERTIFIED

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July 2018

Re: Load Span Tag Axle – Axle Seat Inspection and Torque Value Verification Procedure

We have become aware that, for a specific amount of time, the axle seat-to-axle fastener bolts may have been under torqued at the factory on a limited number of Hendrickson Load Span Tag Axle (LSTA) assemblies (Oshkosh Part No. 4359153, Hendrickson Part No. BAH13Z-XXK) equipped on certain Oshkosh S-Series front discharge mixers. In order to achieve the expected duty cycle of these axles, Hendrickson recommends these fasteners be brought up to the proper torque specifications at your earliest convenience. The full details of this activity can be found in the attached Technical Bulletin TB-H816, Rev. A.

Please read the Technical Bulletin thoroughly to become familiar with the location of the suspect fasteners, and understand the necessary retorquer procedure. Also included with this letter and Technical Bulletin is a listing of concrete mixer Vehicle Identification Numbers (VIN) purchased by your fleet that were either originally equipped with affected axles or retrofitted with affected replacement axles as part of the procedure in previous Technical Bulletin TB-H807, Rev. B.

The fastener retorquer procedure in Technical Bulletin TB-H816, Rev. A can easily be performed by a qualified mechanic, but requires a torque wrench capable of 500 ft-lbs. If your facility does not have a torque wrench capable of achieving this specification, Hendrickson will reimburse you for the purchase of an appropriate torque wrench, up to a cost of \$1,000 per wrench. If you have multiple locations that require this tool, please contact Hendrickson to authorize additional purchases.

Thank you for your ongoing support. If you have any questions please contact Hendrickson at the following phone number or e-mail address:

Hendrickson Service Department – 740.929.5682
Contact name – Tim McNeal (tmcneal@hendrickson-intl.com)

Sincerely,

OSHKOSH Corporation

Enclosure

H TECHNICAL BULLETIN

Oshkosh: Load Span Tag Axles

SUBJECT: Axle Seat Inspection & Torque Value
Verification Procedure

LIT No: TB-H816

DATE: July 2018

REVISION: A

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SECTION 1

Introduction

Hendrickson has learned that a limited number of Hendrickson Load Span Tag Axle ("LSTA") assemblies equipped on certain Oshkosh S-Series front discharge mixers may have seat-to-axle fasteners that were incorrectly torqued at the factory. The axle seats will continue to perform acceptably if this situation has occurred, but to ensure the long-term durability of the axle and axle seat connections, Hendrickson is providing these instructions for inspection and torquing of the axle seat fasteners. The affected LSTA assemblies are equipped on Oshkosh S-Series mixers manufactured:

- Between September 1, 2017 and May 30, 2018, and
- Between March 25, 2008 and January 30, 2017 and subject to and/or retrofitted per *Hendrickson Technical Bulletin No. TB-H807, Rev. B*.

NOTE

This rectification procedure should take approximately 10 minutes per vehicle.

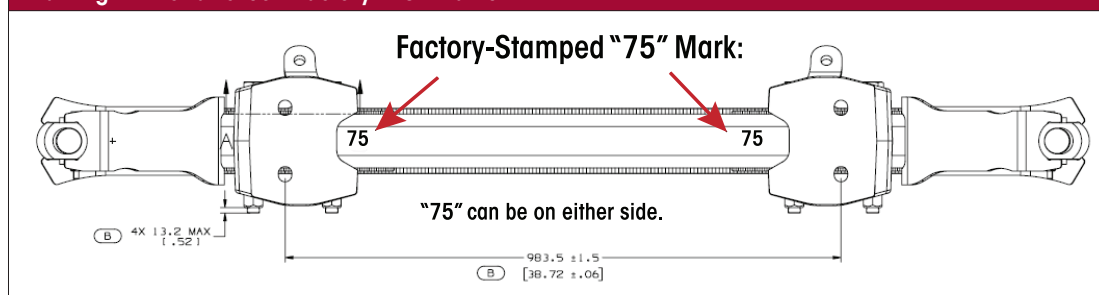
SECTION 2

Affected LSTA Assemblies

IMPORTANT:

IF YOUR AXLE HAS A "75" MARK STAMPED ON THE TOP OF THE AXLE BEAM (SEE DRAWING-1 BELOW), YOUR LSTA HAS BEEN PROPERLY TORQUED AT THE FACTORY AND IS NOT AFFECTED BY THE ISSUES COVERED BY THIS HENDRICKSON TECHNICAL BULLETIN.

Drawing-1: Hendrickson Factory "75" Marks



To determine if your axle is affected by this Technical Bulletin, refer to Table-1 on Page 3. You will need one of the following:

- Your **Oshkosh Date of Manufacture** (of the vehicle for which the LSTA was originally manufactured). The Oshkosh date of manufacture can be found on the driver's door jamb (See Photo-2 on page 4).
- The **Hendrickson Serial Number**, which can be found on a tag on the axle beam as shown below in Drawing-2:

Drawing-2: Hendrickson Serial Number

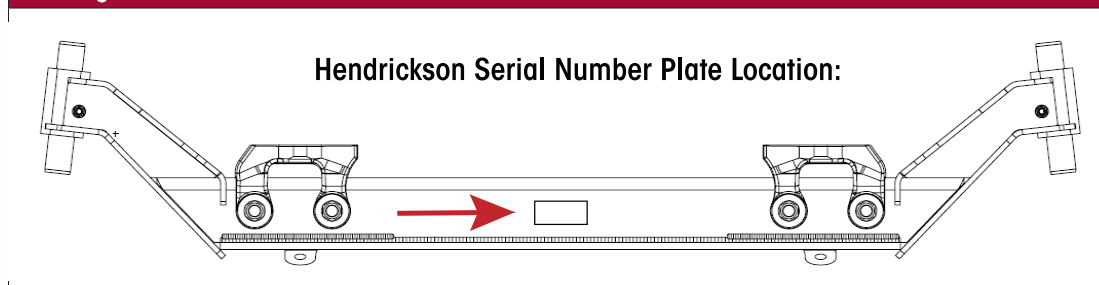


Table-1 (Page 3) contains information regarding Oshkosh dates of manufacture, axles subject to and/or previously retrofitted per the prior Hendrickson *Technical Bulletin TB-H807 Axle Weldment Replacement*



Procedure for Oshkosh LSTA, Hendrickson part numbers, Oshkosh part numbers, and Hendrickson Serial Numbers.

Table–1: LSTAs Affected by This Technical Bulletin:

Oshkosh Vehicle Manufacture Date Range:	Hendrickson Part No.	Oshkosh Part No.	Hendrickson Serial Number Range:
Vehicles manufactured between 09/01/2017 and 05/30/2018	BAH13Z–XXK	4359153	HO1708280144 to HO1804190073
Vehicles manufactured between 03/25/08 and 01/30/2017 and subject to and/or retrofitted per Hendrickson Technical Bulletin No.TB-H807, Rev. B	BAH13Z–XXK	4359153	All serial numbers earlier than HO1708280144 and subject to Hendrickson Technical Bulletin No.TB-H807, Rev. B

IMPORTANT:

PLEASE INFORM HENDRICKSON IF YOUR FLEET SOLD ANY S WITH AFFECTED LSTA TO ANOTHER PARTY. IN SUCH A CASE, PLEASE IDENTIFY THE NAMES AND CONTACT INFORMATION FOR ANY AND ALL SUCH PARTIES.

SECTION 3

Inspection/Rectification Process

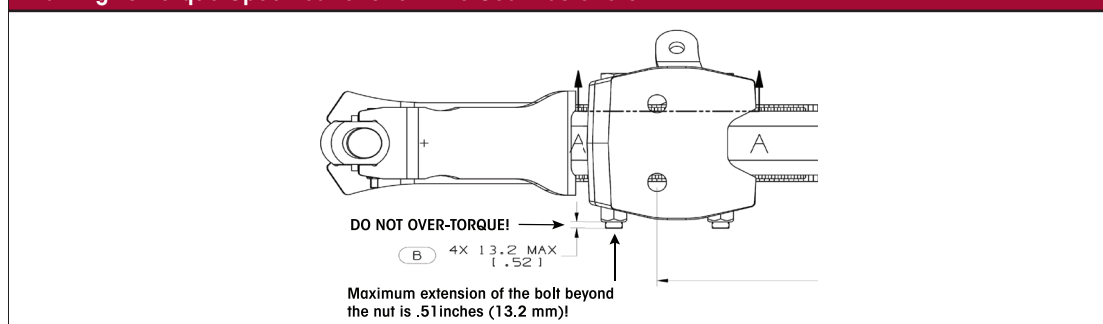
In order to determine the proper rectification procedure for your particular LSTA, you must follow these procedures:

1. Chock the drive wheels of the vehicle.
2. Place the axle on the ground and turn off the truck (This should result in zero pressure being applied to the LSTA assembly).
3. By hand, firmly hold the upper part of the fender mount as referenced in Photo–1 on the page 4. Attempt to "rock" the LSTA back and forth. While rocking the axle, visibly inspect the axle seats for signs of movement relative to the axle beam.
4. If there is no evidence of movement, re-torque the factory-installed axle seat nuts to 500–520 FT–LBS using only a properly calibrated manual torque wrench; do not use an impact driver or other tool to perform final torque of the nuts.

CAUTION

DO NOT OVER–TORQUE THE NUTS! MAKE SURE THAT EACH BOLT DOES NOT EXTEND MORE THAN .52" (13.2 MM) BEYOND THE EDGE OF THE RESPECTIVE NUT (SEE DRAWING–3 BELOW). IF YOU HAVE OVER–TORQUED THE FASTENER, YOU WILL HAVE TO CONTACT HENDRICKSON FOR ADDITIONAL FASTENERS.

Drawing–3: Torque Specifications for Axle Seat Fasteners



5. Provide the Oshkosh Vehicle Identification Number (VIN) and the axle's serial number and note "movement not apparent" to Hendrickson Technical Service. The VIN can be found on the driver–side door jamb (See Photo–2 on page 4).

6. If there is evidence of movement, re-torque according to Step 4 above. Next, please contact Hendrickson Technical Services for information regarding the next steps of the rectification process: phone: 800.660.2829 or e-mail: liftaxletech@hendrickson-intl.com.

Photo-1: LSTA Critical Locations

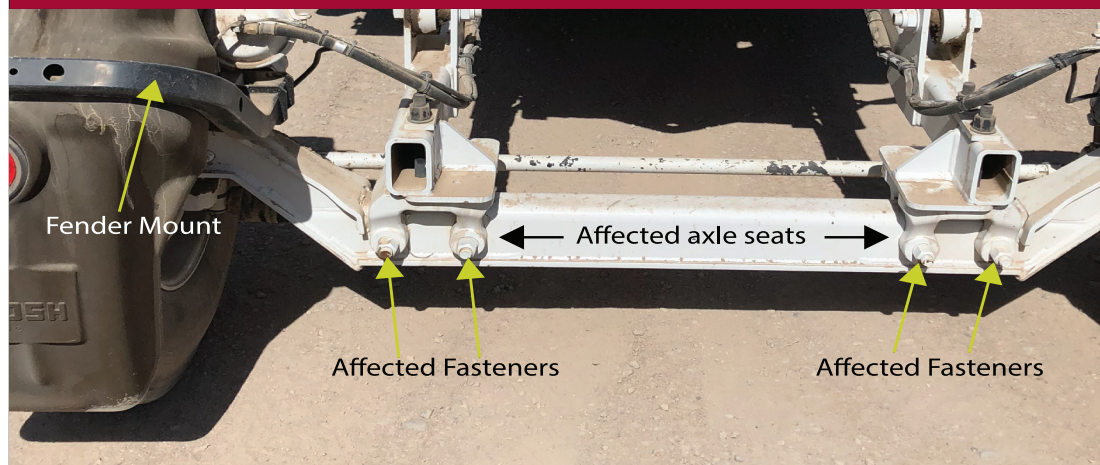
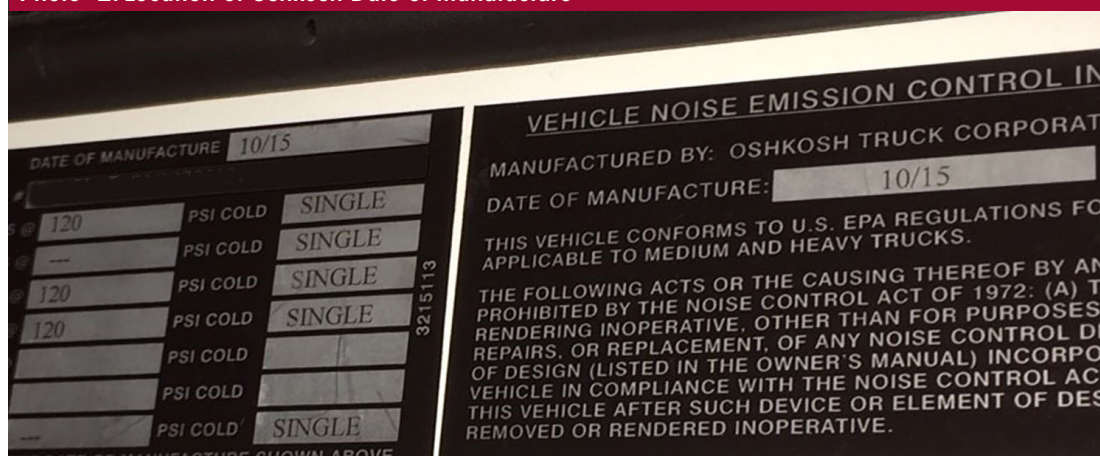


Photo-2: Location of Oshkosh Date of Manufacture





www.hendrickson-intl.com



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