



S-Series
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SAFETY NOTICE

VSR-TSB-034

NHTSA Campaign Number: 22V-009

Vehicle Safety Recall - Technical Service Bulletin

PROMPT ACTION REQUIRED

Attention: Oshkosh Product Owner
Subject: Front Axle U-Bolts
Models Affected: Oshkosh S-Series Front Discharge Mixer
Model Year: 2019-2022 (VIN 788727 - 814106)
Date: February 2022

Purpose:

A concern affecting safety exists in some Oshkosh S-Series Front Discharge Mixers. Vehicles have been identified that are equipped with front axle U-bolts that were manufactured incorrectly and do not meet the required material specifications. The defect may cause the front axle U-bolts to loosen or fall off, resulting in the front axle shifting or the axle becoming dislocated from the vehicle. This bulletin provides instruction on replacing the front axle U-bolts.

Affected Vehicles:

The affected vehicle population is Oshkosh S-Series Front Discharge Mixers produced in 2018-2021.

Units Affected: VIN 788727 - 814106

Please refer to the attached VIN list of affected vehicles.

Time Completion:

Complete the enclosed procedure for each affected vehicle. The time of accomplishment may vary due to a number of factors; however, the estimated time for replacement is 1.5 hours.

Required Action:

Review and verify your ownership of all affected serial numbers of Oshkosh vehicles. Oshkosh records indicate that you are the owner of one or more affected vehicles, a Serial Number List is enclosed. **Please be reminded that it is a violation of Federal law for you to sell or lease the vehicles covered by this notification until this recall has been performed on these vehicles. Substantial civil penalties apply to violations of this law.**

Reimbursement of Costs:

Affected vehicles shall be repaired using the customer's own qualified service technicians - at no cost to the owner. The repair should take approximately 1.5 hours.

Parts/Labor Reimbursement:

In order to receive credit, claims are to be submitted through the normal warranty claim system. Claims must be received within 30 days of the repair. Claims must include the Oshkosh VIN of the vehicle, the customer asset number, and the number of this bulletin.

Contacts:

If you have questions or need further information, please contact S-Series Service Support at 888-686-7278

Enclosures:

Procedure

VIN List of Affected Vehicles

Parts Required:

Item	Part Number	Description	Qty.
1	A000W413	U-BOLT 5.00 X 8.50 X 0.88-14 SQR PO	4
2	A000W497	WASH, LK, SPLIT 0.88 X 1.57 X 0.29 PO	8
3	A000W480	NUT, HEX 0.88-14 G8 PO	8

SAFETY NOTICE

Perform your company’s Lockout/Tagout procedure. If your company does not have a Lockout/Tagout procedure, follow OSHA 1910.147 and 1910.146 Confined Space as appropriate.

SAFETY NOTICE

Use appropriate Personal Protective Equipment (PPE) as required by your company.

Procedure

Preparation

1. Park truck on flat, level surface, engage parking brake, chock truck tires, and perform your company’s Lockout/Tagout procedure. If your company does not have a Lockout/Tagout procedure, follow OSHA 1910.147 and 1910.146 Confined Space as appropriate.

2. Battery Disconnect Switch

The vehicle’s BATTERY DISCONNECT switch is located on the left-hand side of the battery box. Use the battery disconnect switch when performing any maintenance so the vehicle cannot accidentally be started.

- a. Turn the battery disconnect switch (Figure A, Item 1) counterclockwise so the hole on the switch aligns with the hole in the bracket (Figure A, Item 2).
- b. Install the safety lockout device ring (Figure B, Item 1) through the holes on the battery disconnect switch and the bracket.
- c. Install a padlock (Figure B, Item 2) onto the safety lockout device ring, lock it, and put the key in your pocket. If more than one person is working on the vehicle, each person must install his or her own padlock.

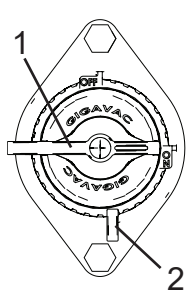


Figure A

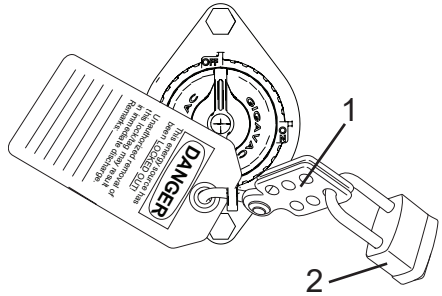


Figure B

3. Place jack stands under vehicle’s front frame.

U-Bolt Replacement

NOTE

Remove and replace front axle U-bolts one at a time.

- Loosen and remove nuts and lock washers from one U-bolt, see Figure 1. Nuts and lock washers will not be reused.
- Remove U-bolt from axle and spring assembly, see Figure 1. U-bolt will not be reused.

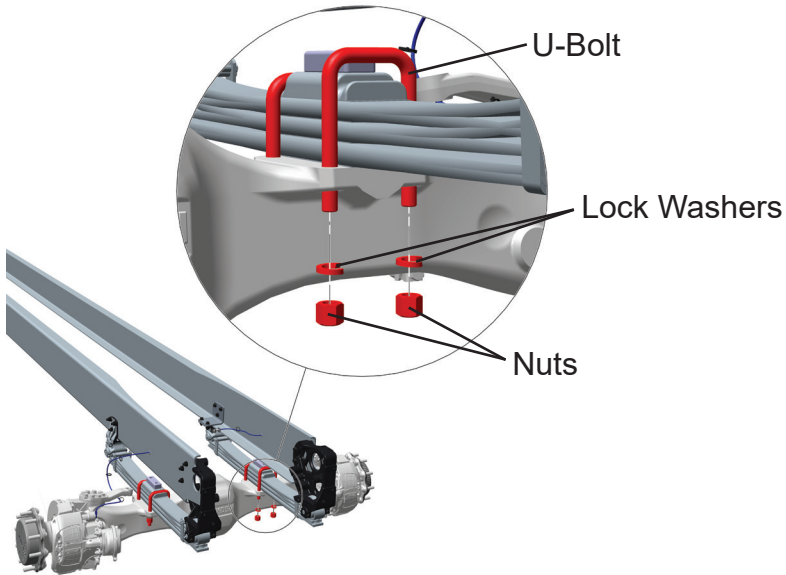


Figure 1

- Install new U-bolt (A000W413) over spring assembly and into axle flange, see Figure 2.
- Install new lock washers (A000W497) and nuts (A000W480) on U-bolt, see Figure 2. Snug nuts on U-bolt, do not final tighten at this time.

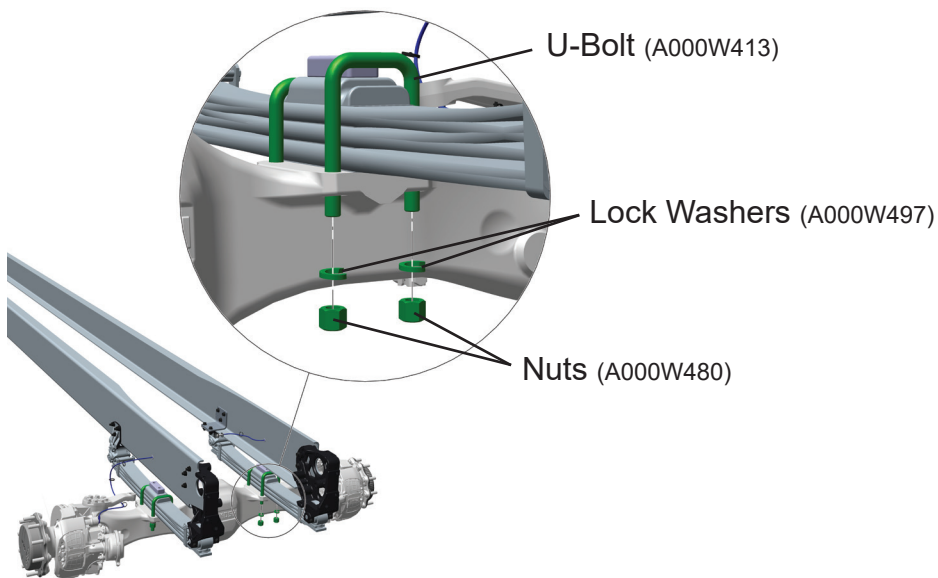


Figure 2

- Repeat Steps 4 - 7 for remaining three front axle U-bolts.

9. Tighten left and right U-bolt groups evenly using 200 ft. lbs. increments to 600 ft. lbs. Follow torque sequence in Figure 3.

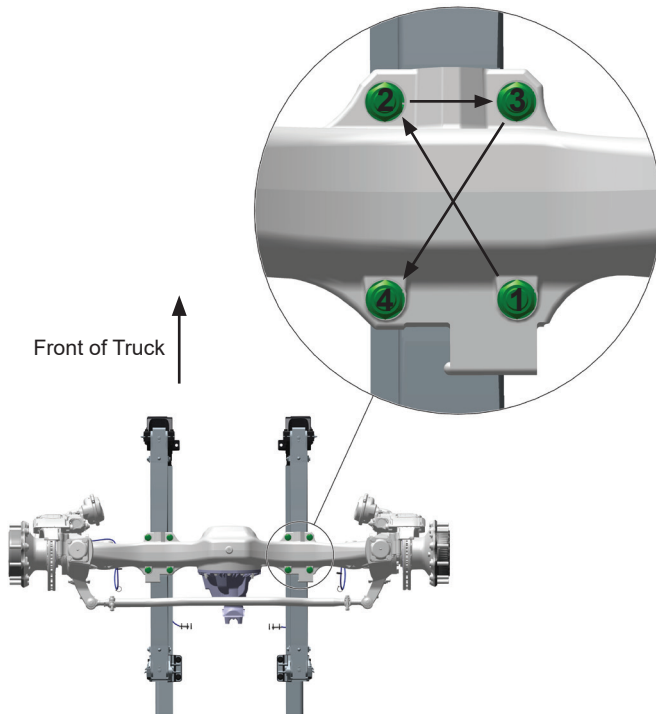


Figure 3

10. Remove jack stands from vehicle's front frame.
11. Remove lockout/tagout and tire chocks.

Continuous Improvement:

The change included in this document is part of the McNeilus Continuous Improvement Process.

McNeilus's quality policy is providing customer satisfaction through innovative products, dedicated service, and a constant focus on continuous improvement.



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