



**S-Series™**  
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# Technical Service Bulletin

## 2.0 Battery Stud Nuts

**Date:** February 17, 2021  
**Bulletin Name:** FDM-TSB-002  
**Model:** Oshkosh S-Series  
**Units Affected:** MY 2020 and newer Front Discharge Mixers

### Purpose:

This bulletin provides information and instruction on changing the battery stud nuts. Metric thread (M10) battery stud nuts were installed that may prevent full contact between the battery positive and negative jumpers and the battery stud nuts. Correct battery stud nut thread size is 0.38-16 inch.

### Notice:

- This bulletin should be read and understood in its entirety before performing this procedure.
- All procedures outlined in the bulletin must be performed by skilled service personnel. Refer to the product service manual for descriptions of maintenance procedures.

**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.

### Tools and Equipment Required:

Customer to supply:

- Torque wrench (foot pounds)
- Hand Tools

### Parts Required:

Item	Part Number	Description	Qty.
1	A000V402	NUT, SPL, 0.38-16 SS	6

## Procedure:

### ***Lockout/Tagout***

1. Place unit on a flat surface, block 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. 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.

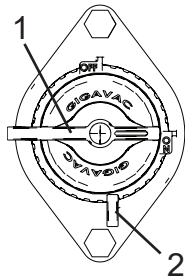


Figure A

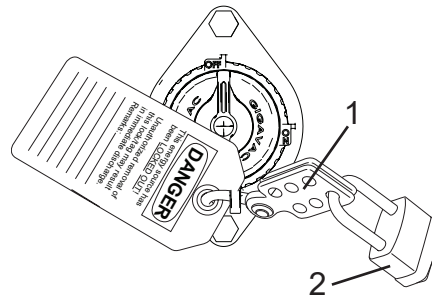


Figure B

### **Battery Stud Nut Installation**

3. Loosen and remove battery stud nuts one at a time and install new battery stud nuts. See Figure 1.
4. Torque the six battery stud nuts to 20 ft. lbs.

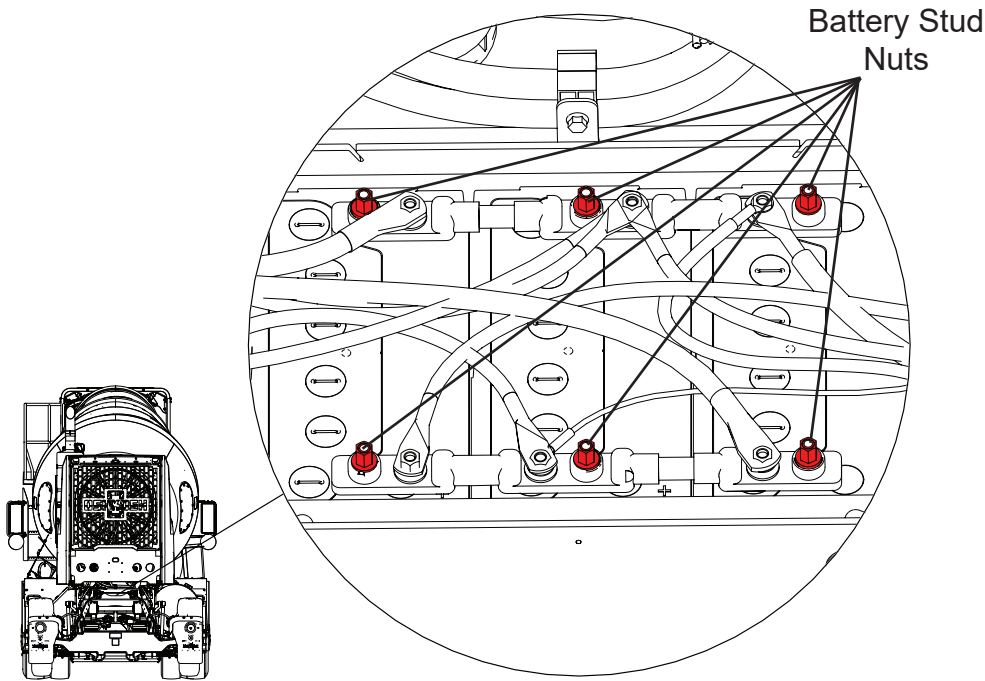


Figure 1

5. Remove lockout/tagout.

### **Reimbursement of Costs:**

Affected units shall be repaired using the customer's own qualified service technicians - at no cost to the owner. The repairs will take approximately 20 minutes to complete and Oshkosh Corporation will reimburse 30 minutes labor.

### **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 McNeilus serial number of the truck, the customer asset number, and the number of this bulletin.

### **Parts Reimbursement:**

Parts and ground shipping will be reimbursed to the customer. Parts necessary for this repair must be ordered from McNeilus Parts at 888-686-7278.

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 McNeilus serial number of the truck, the customer asset number, and this bulletin's number.

### **Contacts:**

If you have questions or need further information, please contact a McNeilus National Service Representative at 888-686-7278.

**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.*



**(888) 686-7278**

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