



## S-Series™

### 2.0 Fuel Tank Mounting Hardware

**Date:** August 1, 2025

**Bulletin Name:** FDM-IB-009

**Model:** Oshkosh S-Series 2.0

**Units Affected:** 815246 - 831738

### Purpose:

This bulletin provides guidance on a new torque procedure for securing the fuel tank to prevent tank rotation.

### Notice:

- Read and understand bulletin 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:

- Hydraulic Jack/Jack Stand
- Hand Tools
- Torque Wrench - foot pounds

### Parts Required

| Item | Part Number | Description                   | Qty. |
|------|-------------|-------------------------------|------|
| 1    | A000E155    | NUT, HEX, LKNY 0.50-13 G8 ZNB | 4    |
| 2    | A000A903    | NUT, HEX 0.50-13 G8 MB        | 2    |

### Procedure

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

1. Park vehicle on a flat level 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.

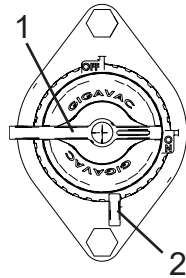


Figure A

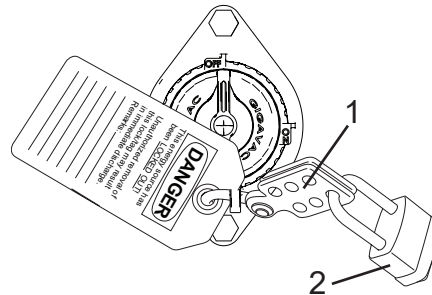


Figure B

### Hardware Replacement

3. Drain fuel from fuel tank to reduce weight of tank.
4. Position and raise hydraulic jack/jack stand under fuel tank to support fuel tank when replacing tank strap hardware. See Figure 1.

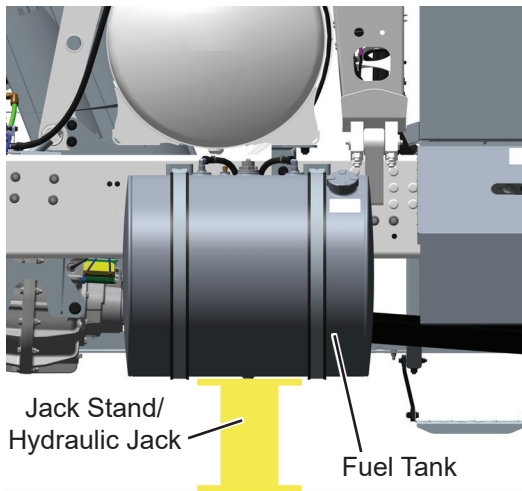


Figure 1 - Fuel Tank

5. Loosen and remove lock nuts and flat washers from top and bottom tank strap T-bolts. See Figure 2. Lock nuts will not be reused.



Figure 2 - Fuel Tank

6. Install jam nuts (A000A903) on tank strap top T-bolts, fully thread jam nuts onto T-bolts. See Figure 3.

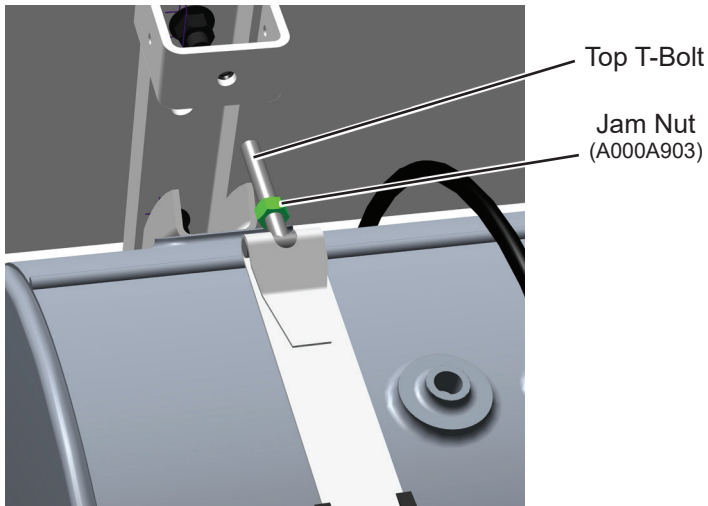


Figure 3 - Jam Nut

7. Reinstall tank strap bottom T-bolts into tank mounting brackets and install flat washers, removed in Step 5, and lock nuts (A000E155). See Figure 4. Install lock nuts onto T-bolts a few turns.

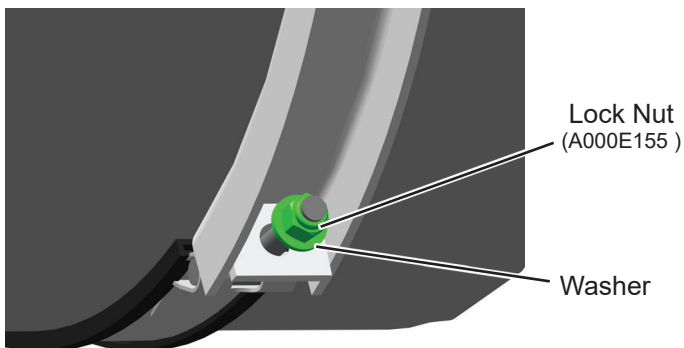


Figure 4 - Bottom Mounting Hardware

8. Reinstall tank strap top T-bolts into tank mounting brackets and install flat washers, removed in Step 5, and lock nuts (A000E155). Tighten lock nuts until the distance between the face of the mounting bracket and edge of tank strap is  $0.56'' \pm 0.25''$ . See Figure 5.

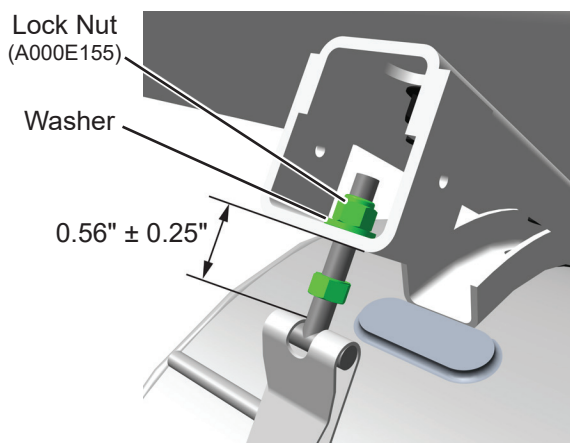


Figure 5 - Top Tank Strap Measurement

9. Tighten top T-bolt jam nuts (A000A903) against mounting brackets hand tight. See Figure 6.
10. Final tighten top tank strap top T-bolt lock nuts to 60 ft. lbs. See Figure 6.

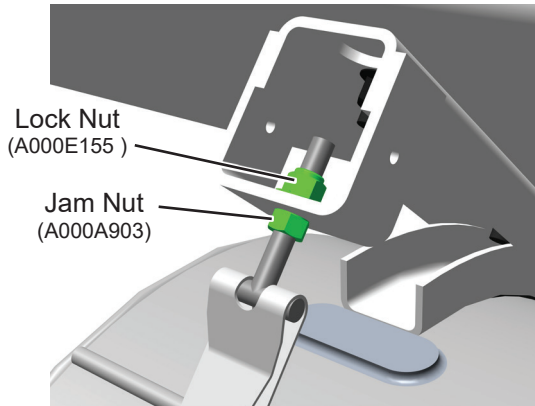


Figure 6 - Top Tank Strap Mount

11. Make sure fuel tank angle is correct. See Figure 7.

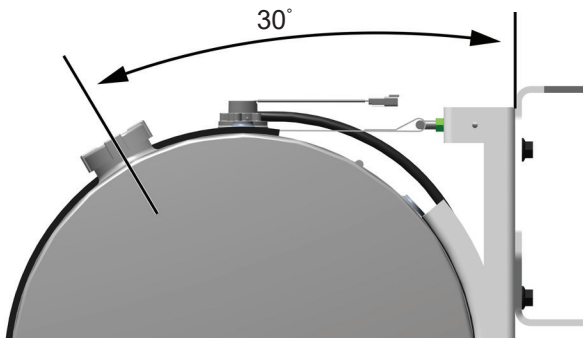


Figure 7 - Fuel Tank Angle

12. Final tighten bottom tank strap T-bolt lock nuts (A000E155) to 20 ft. lbs. See Figure 8.

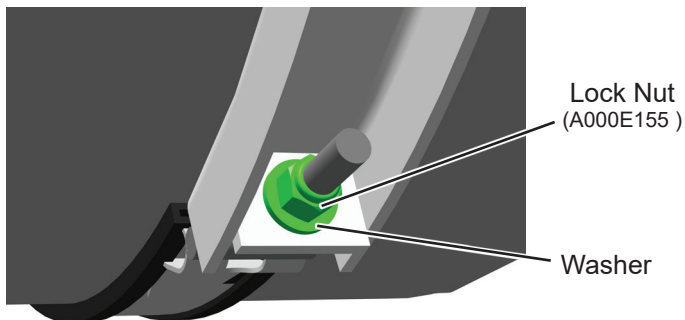


Figure 8 - Bottom Mounting Hardware

13. Remove hydraulic jack/jack stand supporting fuel tank.
14. Remove lockout/tag and wheel 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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