



S-Series™
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Technical Service Information Bulletin

2.0 Superstructure Support Drain Hole

Date: February 15, 2021

Bulletin Name: FDM-TSIB-020

Model: Oshkosh S-Series

Units Affected: VIN 808353 and older
2.0 Front Discharge Mixers

Purpose:

This bulletin provides instruction for drilling a drain hole near the base of the left and right superstructure supports to allow any water that enters the support to drain. Trapped water in the superstructure support can freeze in cold weather causing the support to rupture at the base. Current production superstructure supports now have a drain hole.

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:

- 1/4 inch drill bit
- Drill
- Metal Punch
- Hammer
- Tape Measure
- Marker
- Hand Tools

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.

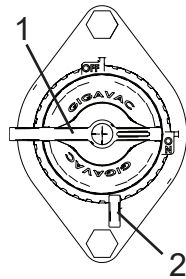


Figure A

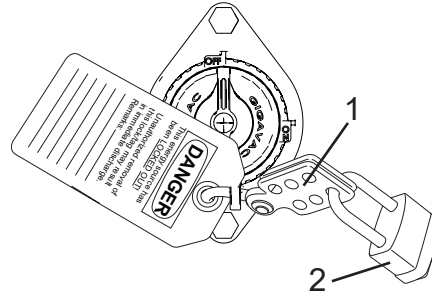


Figure B

Drilling Superstructure Drain Hole

3. Remove the 6 bolts/nuts and 12 washers securing the right-hand fender to the fender supports and remove the fender from the truck. See Figure 1.

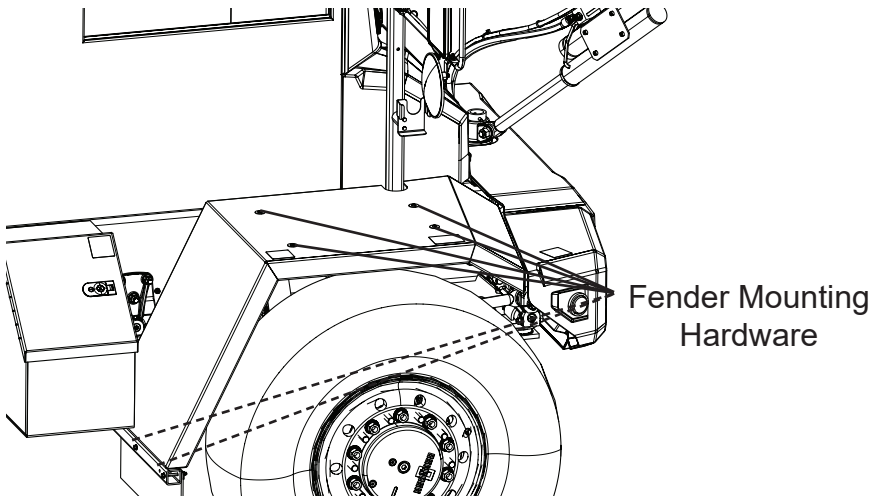


Figure 1 Right-Hand Fender Removal

4. Measure and mark the drain hole location on the right-hand superstructure support, see Figure 2.
5. Punch the drain hole location in the superstructure support using hammer and metal punch.

CAUTION

Do not drill into the bushing tube while drilling the superstructure support. Drilling into the bushing tube will cause damage and require replacement of the superstructure support.

6. Drill drain hole parallel with the ground and angled toward the rear of the truck. See Figure 2.

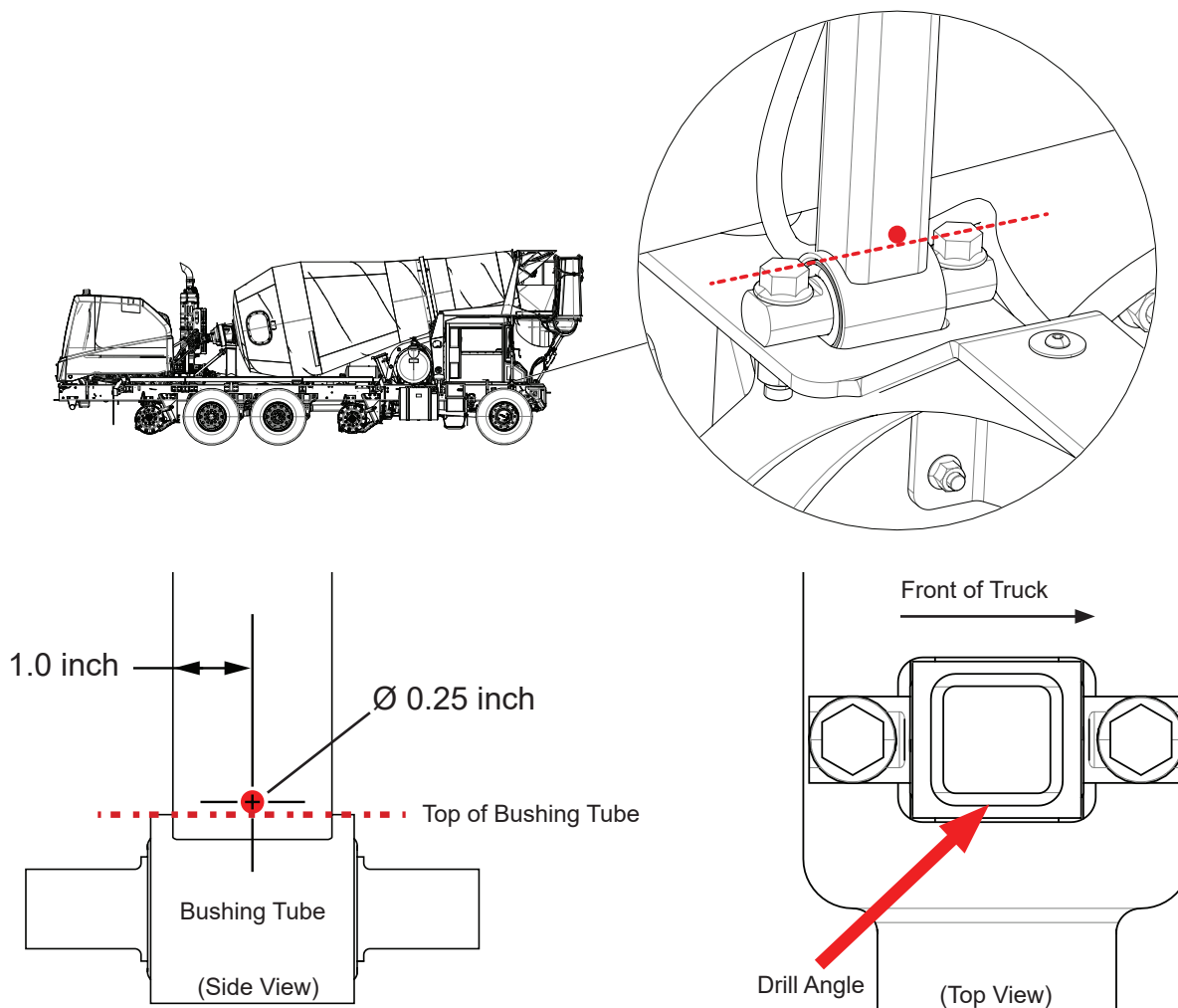


Figure 2 Right-Hand Super Structure Support

7. Reinstall the right-hand fender. Make sure the rubber isolators are between the fender and the support bracket. Torque mounting hardware to 110 in. lbs.
8. Remove the 6 bolts/nuts and 12 washers securing the left-hand fender to the fender supports and remove the fender from the truck. See Figure 3.

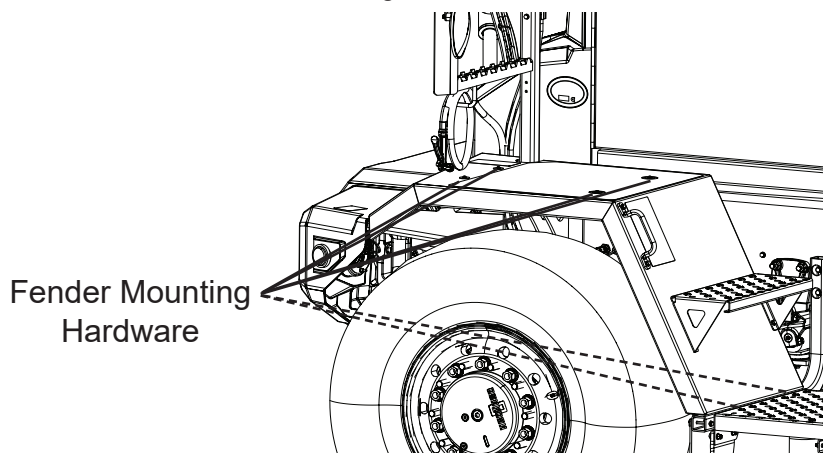


Figure 3 Left-Hand Fender Removal

9. Measure and mark the drain hole location on the left-hand superstructure support, see Figure 4.
10. Punch the drain hole location in the superstructure support using hammer and metal punch.

⚠ CAUTION

Do not drill into the bushing tube while drilling the superstructure support. Drilling into the bushing tube will cause damage and require replacement of the superstructure support.

11. Drill drain hole parallel with the ground and angled toward the rear of the truck. See Figure 4.

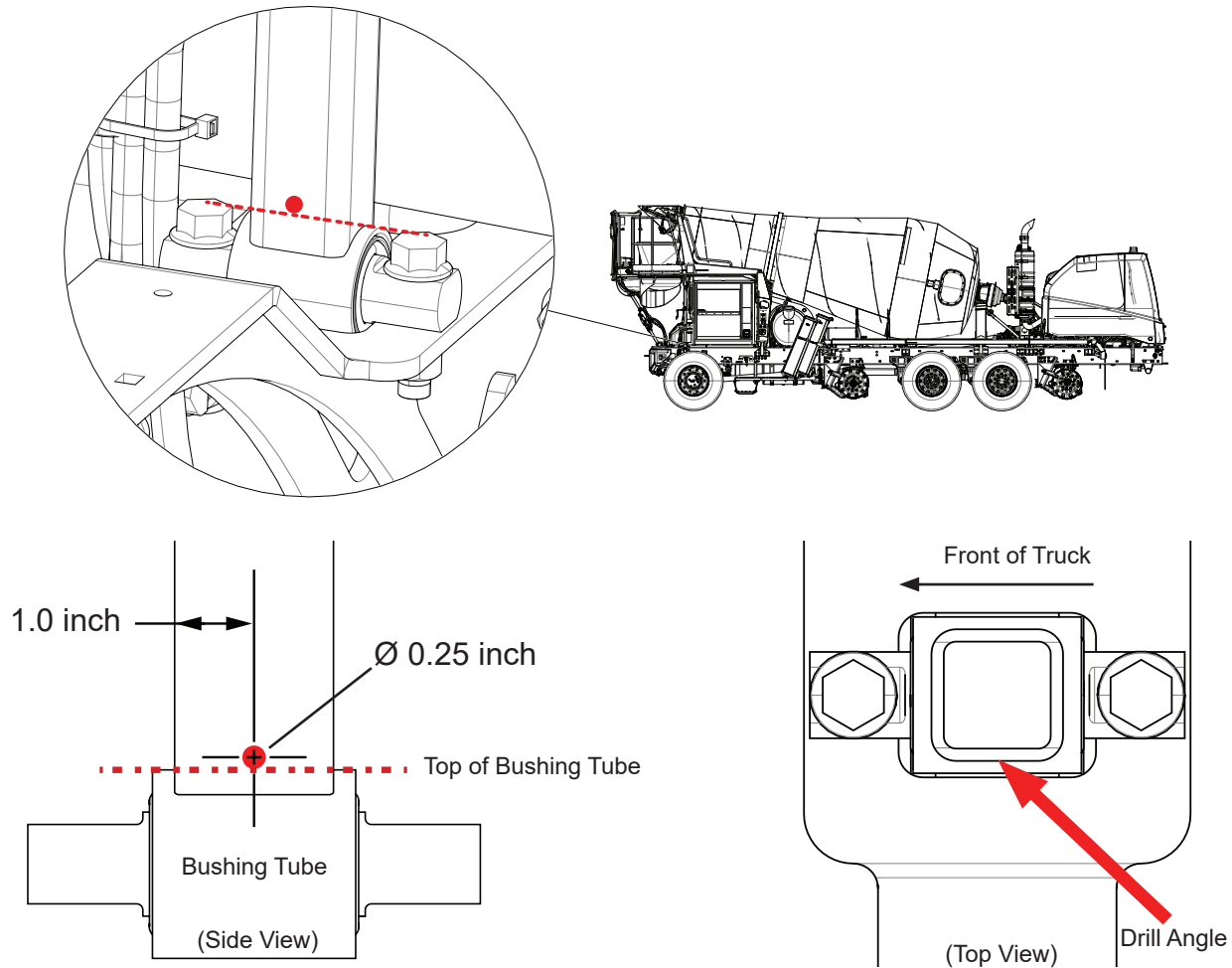


Figure 4 Left-Hand Super Structure Support

12. Reinstall the and left-hand fender. Make sure the rubber isolators are between the fender and the support bracket. Torque mounting hardware to 110 in. lbs.
13. Remove lockout/tagout.

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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