

2.0 Fuel Filter Mounting Bracket

Date: August 16, 2021

Bulletin Name: FDM-SVC-006

Model: Oshkosh S-Series

Units Affected: VIN 814191 and older
2.0 Front Discharge Mixers

Purpose:

This bulletin provides instruction for installing a fuel filter assembly and mounting bracket to the front engine mount. Oshkosh has received reports of fuel filter mounts cracking when the filter assembly is directly mounted to the front engine mount. The addition of a mounting bracket between the filter assembly and front engine mount increases the filter assembly's mounting area.

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:

- Hand tools
- Torque wrench - foot pounds

Parts Required:

Item	Part Number	Description	Qty.
1	A000A188	FILTER,FUEL	1
2	A000V991	BRKT,WIF,MTG,ST,SVC	1
3	A000A534	SCR,FLG,HEX .38-16X1.75 G8 MB	2
4	A000A690	NUT,FLG,LKDT .38-16 G8 MB	2

Procedure:

Lockout/Tagout

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

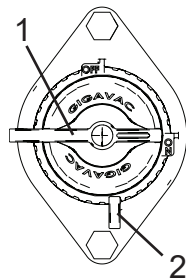


Figure A

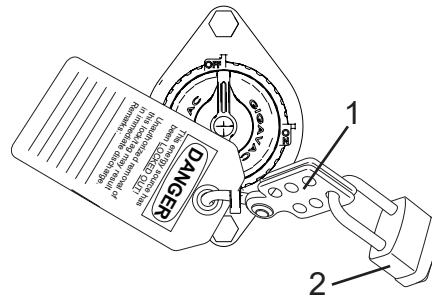


Figure B

Installation

3. Mark location of fuel lines connected to fuel filter assembly. Disconnect two quick connect fuel lines from fuel filter assembly, see Figure 1.
4. Disconnect harness connector C59 from bottom of fuel filter assembly, see Figure 1.
5. Disconnect fuel filter drain hose from bottom of fuel filter assembly, see Figure 1.
6. Loosen and remove two mounting screws and nuts securing fuel filter assembly to front engine mount, see Figure 1. Remove filter assembly from truck. Mounting hardware will not be reused.

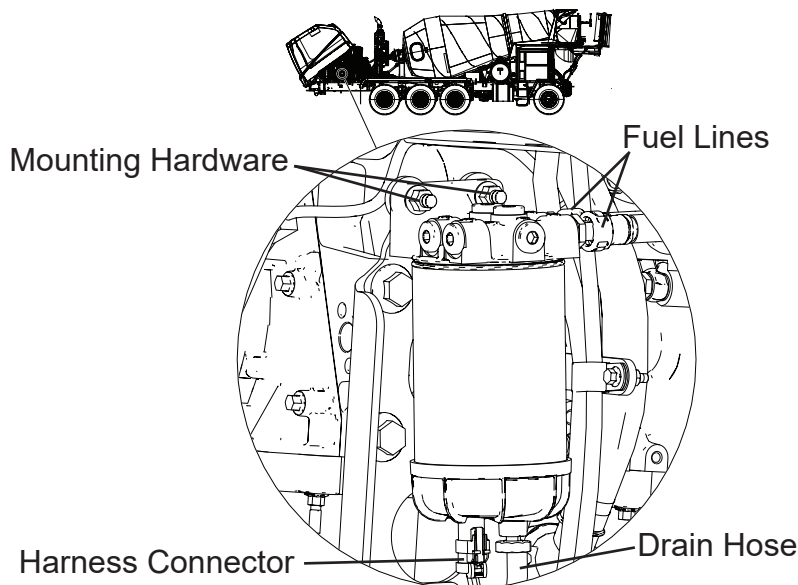


Figure 1

7. Place fuel filter assembly on a bench and remove the two fuel line fittings from filter assembly, see Figure 2.

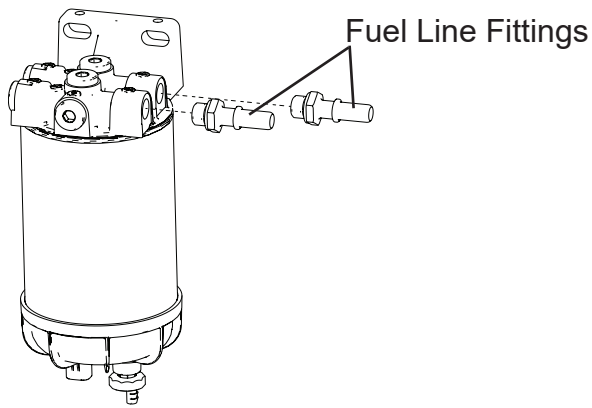


Figure 2

8. Install the two fuel line fittings removed in Step 7 in new fuel filter assembly (A000A188) and final tighten to 35 ft. lbs.
9. Install new fuel filter assembly (A000A188) and mounting bracket (A000V991) to front engine mount with 0.38-16 x 1.75 inch screws (A000A534) and 0.38-16 flanged lock nuts (A000A690), see Figure 3. Final tighten mounting hardware to 33 ft. lbs.

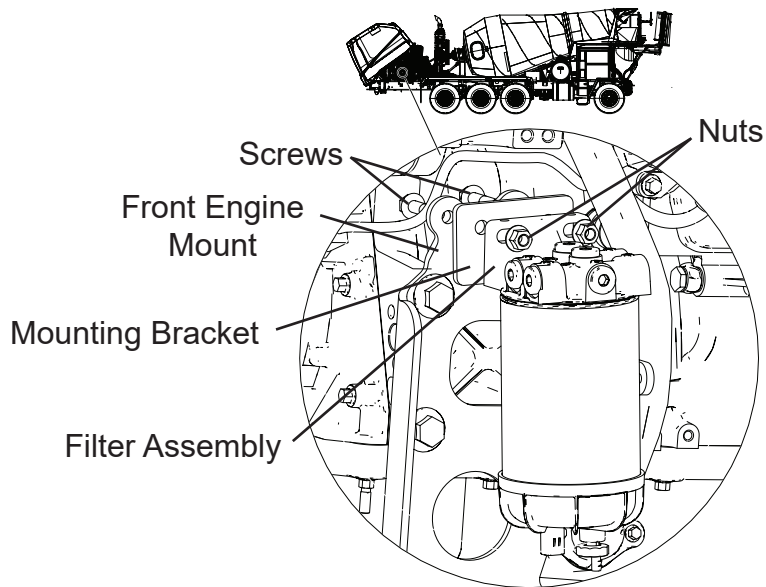


Figure 3

10. Reconnect fuel lines to fuel filter assembly fittings.
11. Reconnect fuel filter drain hose disconnected in Step 5 to drain on bottom of fuel filter assembly.
12. Reinstall harness connector C59 disconnected in Step 4 in bottom of fuel filter assembly.
13. 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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