

2.0 HVAC Thermostat Probe Relocation

Date: December 6, 2021

Bulletin Name: FDM-TSIB-031

Model: Oshkosh S-Series

Units Affected: MY 2021

Purpose:

This bulletin provides instruction for relocating the AC system thermostat probe in the evaporator core to prevent AC system freeze-up. AC system testing was performed after receiving reports of system freeze-ups. Testing showed moving the location of AC system thermostat probe in the evaporator core improved overall system performance and reduced system freeze-up.

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

Procedure:

Lockout/Tagout

1. Place unit on a flat 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. 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.

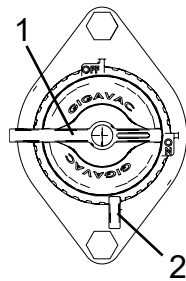


Figure A

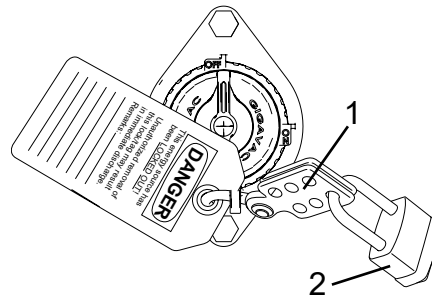


Figure B

AC Thermostat Probe Relocation

3. Remove HVAC system air filter retaining screw, see Figure 1.
4. Remove HVAC system air filter.
5. Loosen and remove screws securing the HVAC system front cover to HVAC housing, see Figure 1.
6. Remove front cover from HVAC housing.

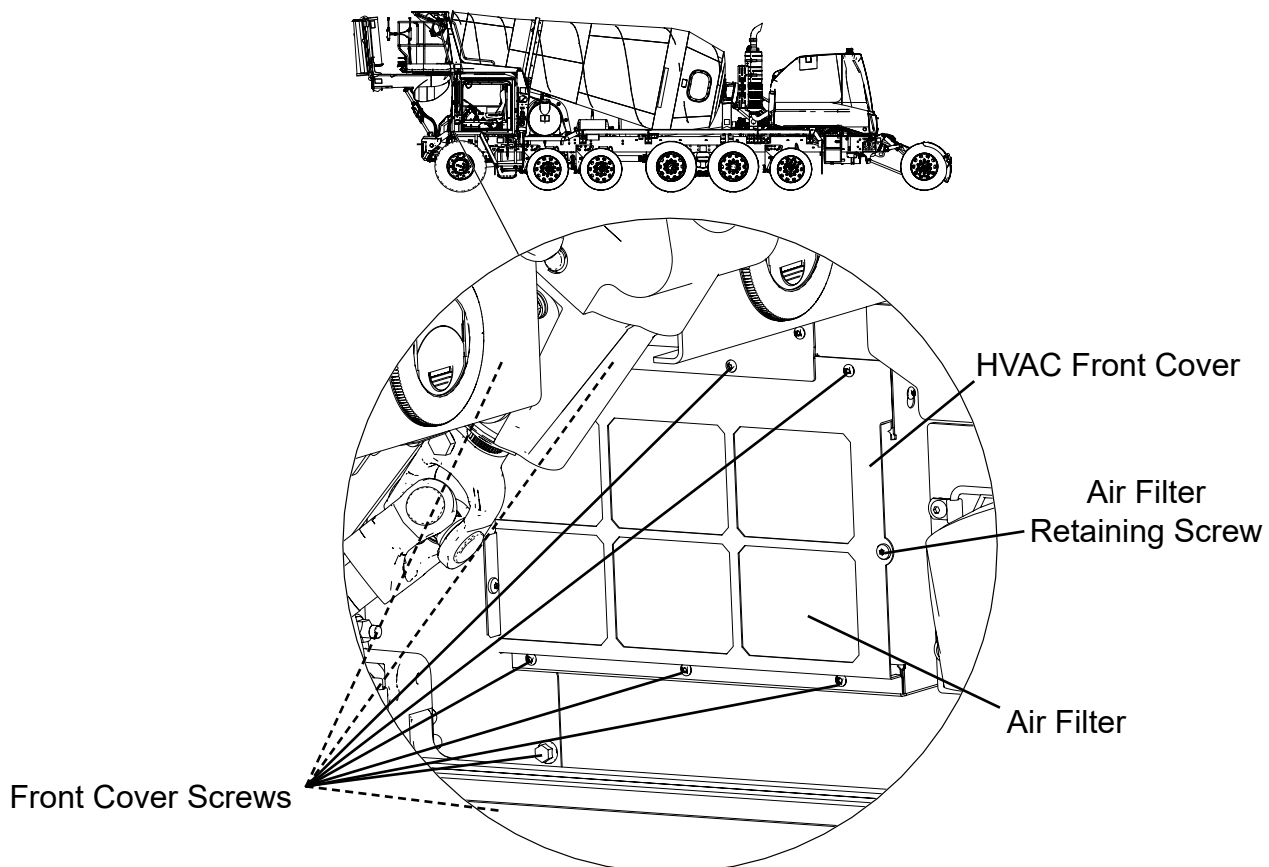


Figure 1

7. Remove hardware securing evaporator bulkhead plate to cab front lower bracket, see Figure 2.

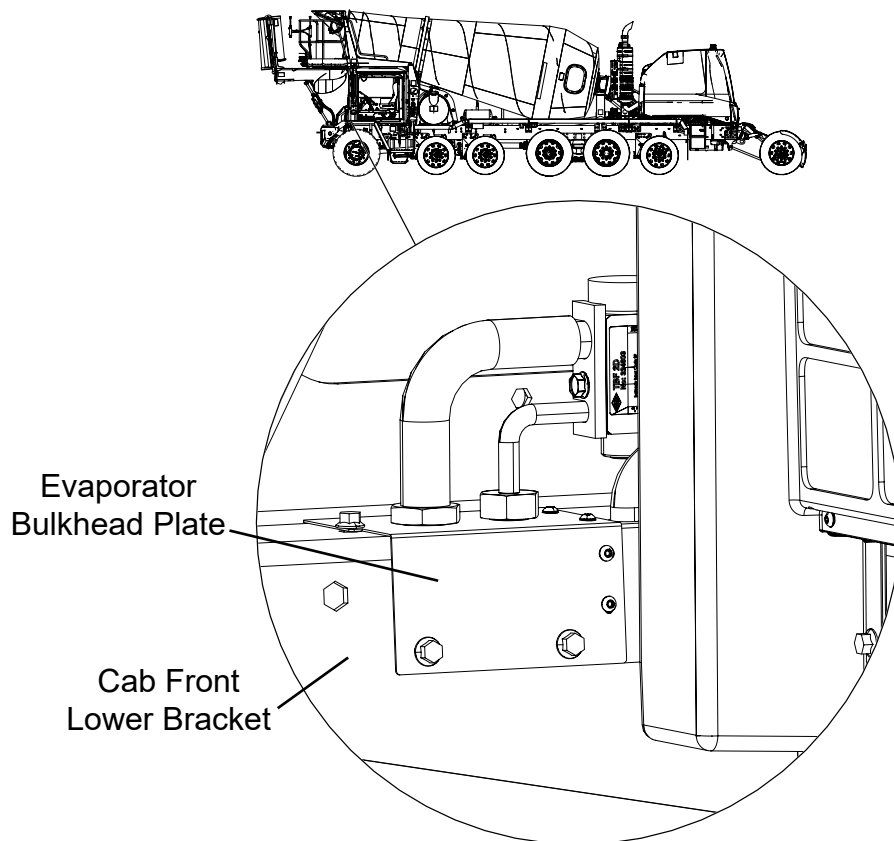


Figure 2

8. Slide evaporator core assembly out of HVAC housing enough to access thermostat probe.
9. Remove thermostat probe from evaporator core and reinstall to area shown in Figure 3.

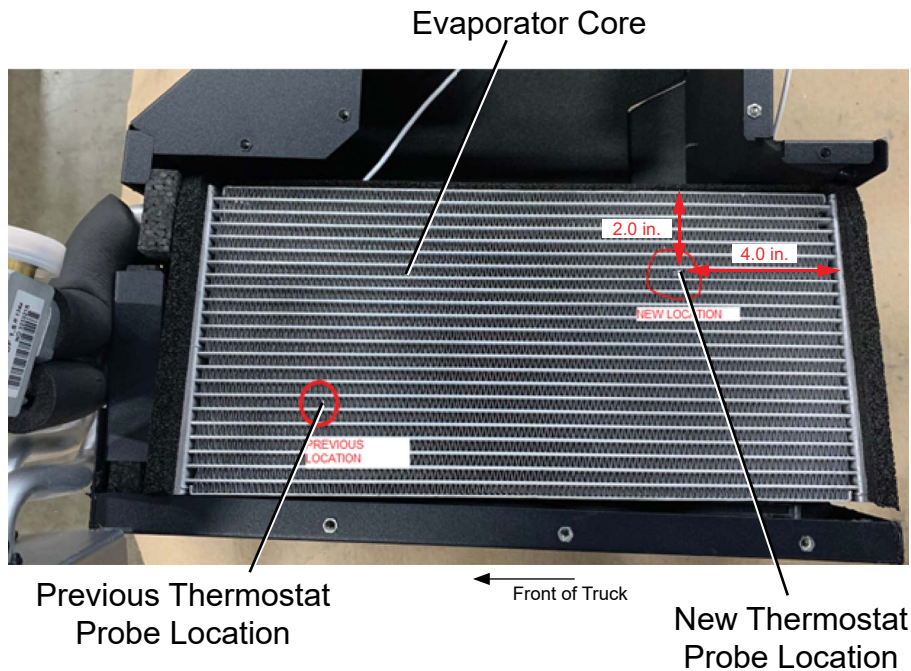


Figure 3

10. Slide evaporator core assembly back into HVAC housing.
11. Reinstall hardware removed in Step 7 to secure evaporator bulkhead to cab front lower bracket, see Figure 2.
12. Reinstall front cover on HVAC housing, see Figure 1.
13. Secure front cover to HVAC housing with screws removed in Step 5.
14. Reinstall HVAC system air filter.
15. Reinstall HVAC system air filter retaining screw, see Figure 1.
16. 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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