



CONVENTIONAL DIESEL EXHAUST FLUID (DEF) TANK VENT HOSE REPLACEMENT SERVICE CAMPAIGN

CAMPAIGN NO: T0490
DATE: 2-24-2022

SUBJECT VEHICLES: Certain 23MY Conventional trucks equipped with a Cummins B6.7 engine.

Note: *Refer to the appropriate Vehicle Identification Number in the warranty system to determine vehicle eligibility.*

OVERVIEW:

Subject vehicles were built with the incorrect Diesel Exhaust Fluid (DEF) tank vent hose attached to the DEF sender. This procedure outlines installation of the correct vent hose.

BEFORE YOU BEGIN:

- Read and understand all instructions and procedures before you begin the work.
- Read and follow all **NOTICES** and **WARNINGS** set forth in this publication. These alerts help to avoid damage to components, serious personal injury, or both.
- Park the vehicle on a flat, level and solid surface.
- Apply the parking brake firmly and confirm parking brake activation.
- Confirm the engine is stopped, the starter switch is in the off (LOCK) position, and the key is removed.
- Wear safety glasses to prevent eye injuries.
- Place wheel chocks in front of and behind all the wheels to prevent the vehicle from moving.

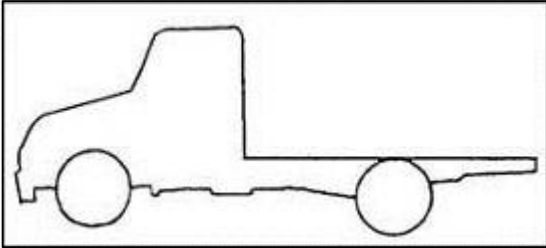
PARTS:

Part Number	Part Description	Quantity
12261E0V70	DEF Tank Vent Hose	1



VEHICLE PREPARATION:

1. Park the vehicle on a level and solid surface. Confirm the engine is stopped, the starter switch is in the off (LOCK) position, and the key is removed.

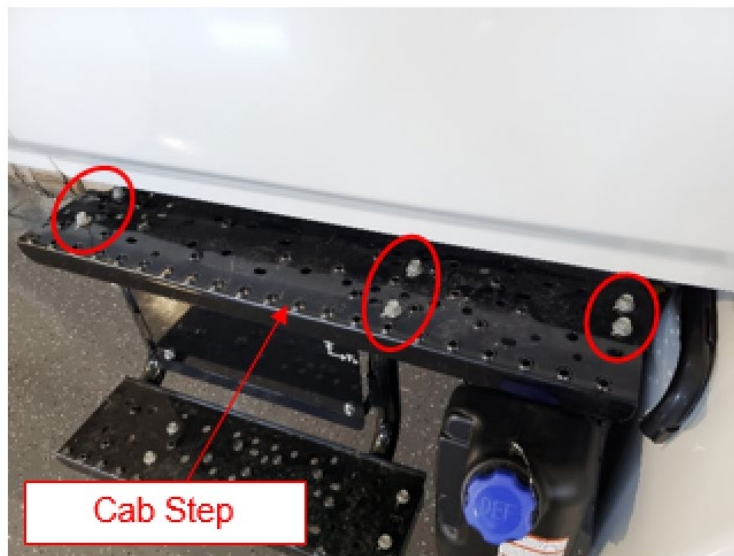


2. Apply the parking brake. Chock all of the wheels.



Repair Procedure:

1. Remove the six bolts securing the passenger side upper cab step. Remove the cab step.



2. Release the two DEF lines from the top of the DEF sending unit by depressing the white locking ring and then disconnect by pushing the lines off the sending unit.

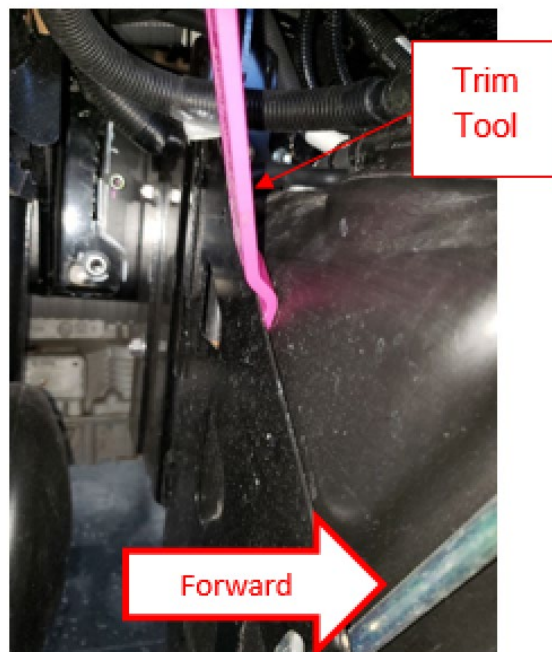


3. Remove the original DEF tank vent hose from the small fitting in the middle of the DEF sender as shown in the picture below.

NOTICE: The picture shown below was taken off the vehicle for clarity, do not remove the large coolant hoses.



4. Wedge a plastic trim tool between the rear side of the DEF tank and the DEF tank bracket to create space. Pull the original DEF tank vent hose out from the channel on the rear side of the DEF tank.



5. Spray soapy water down into the channel on the rear side of the DEF tank and install the new DEF tank vent hose in this channel. Remove the plastic trim tool. Inspect the installation of the vent hose to make sure it is not pinched.

NOTICE: The picture below was taken off the vehicle for clarity. Do not remove the DEF tank from the vehicle.

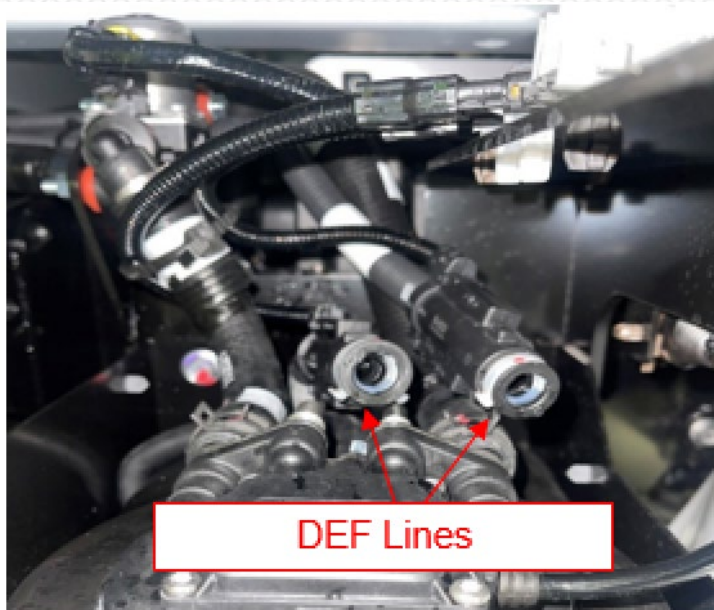


6. Spray soapy water on the vent hose nipple of the DEF sending unit and install the vent hose on the DEF sending unit. Ensure that the DEF tank vent hose is fully seated on the hose nipple and is inserted in the channel on the side of the DEF tank as shown in the picture below.

NOTICE: The picture below was taken off the vehicle for clarity. Do not remove the DEF tank from the vehicle.

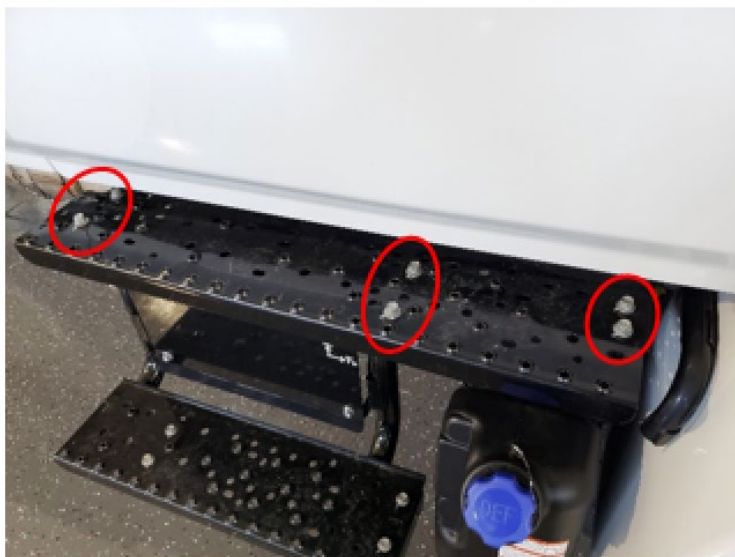


7. Reconnect the two DEF lines that were disconnected in step 2 to their previous locations. These lines are different diameter and can only be connected to the correct fitting. Confirm that these have locked in place by pulling on the lines after connecting.



8. Reinstall the passenger side upper cab step using the bolts removed in step 1. Tighten the bolts to the specified torque.

Specified Torque: 32 lb-ft (43 Nm)



FINAL INSPECTION:

1. To complete this procedure review and confirm the following:
 - The DEF tank vent hose has been replaced with the updated part
 - The DEF tank vent hose is routed properly and is not kinked
 - The DEF lines have been reconnected to the DEF sender and checked for leaks
 - The passenger cab step bolts have been tightened to the specified torque value

CLAIM APPLICATION

Reimbursable in accordance within the terms and policies of the Hino limited warranties.

DEF Tank Vent Hose Replacement:

- a) Campaign No: T0490
- b) Labor charge: 0.7 Hours
- c) Warranty code: 11544
- d) Trouble code: 98
- e) Operation code: 11550AOT
- f) Original failed part: 9999999999

