

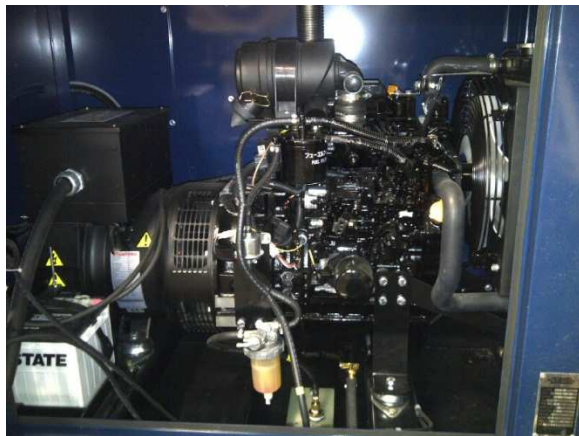
FIELD INSTALLATION INSTRUCTIONS

TITLE: IHS Trailer Vent Modification
NAME: FII-007
ISSUE DATE: 21 Dec 2012
REVISION: 1

PURPOSE:

The intention of this FII is to demonstrate the installation of a 1" tank vent for the IHS 700 Trailer units.

PROCEDURE:



Tools Required:

- 9/16" and 11/16" Box Wrenches
- Flat Screwdriver
- Crescent/Adjustable Wrench
- Pipe Wrench
- Knife (if tubing stuck on fittings)

Step 1: Open the generator compartment access door.



Step 2: Locate the generator fuel lines.

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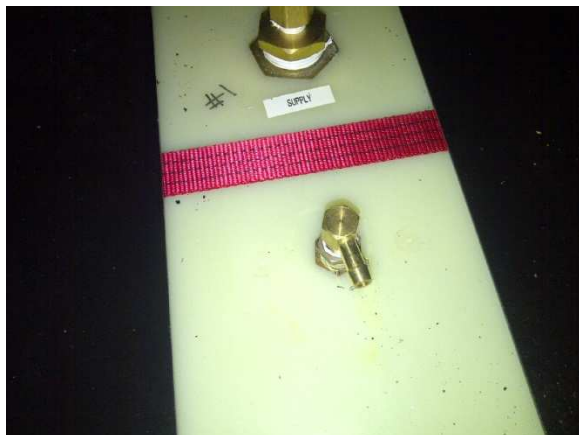
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Step 3: The middle line is the generator vent.



Step 4: Using a blade/flat screw driver, loosen the hose clamp.



Step 5: Remove the tube.

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Step 6: Find a 9/16 and a 11/16 box wrench



Step 7: Hold the bottom fitting from moving and remove the barbed hose fitting.



Step 8: Remove the barbed hose fitting.

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Step 9: Remove the return line hose.



Step 10: Remove return drop from the brass tank bung.



Step 11: Find a crescent wrench.

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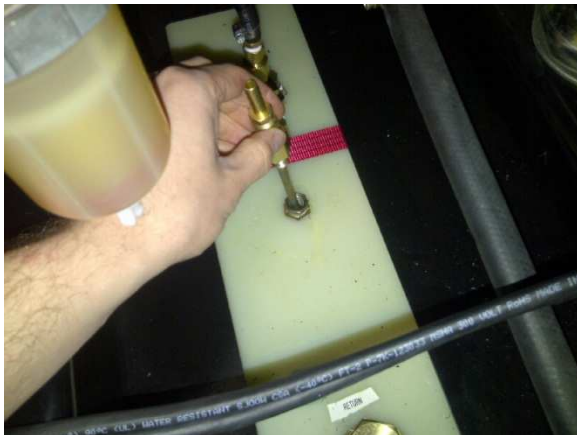
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Step 12: Loosen the top set of fittings that go into the brass tank bung.



Step 13: Remove the return line fittings.



Step 14: Relocate the return line fittings to the open port beside the supply line. Tighten.

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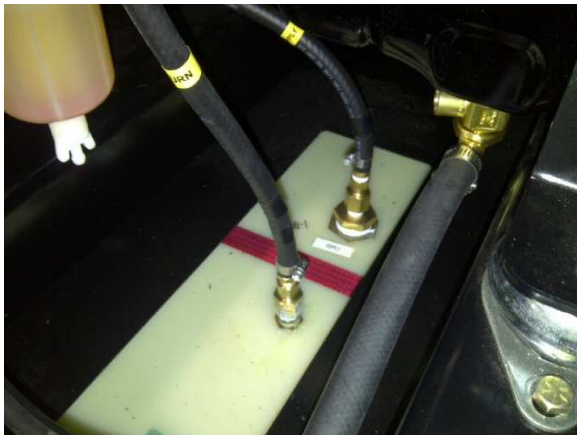
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Step 15: Remove the old return tank bung with the crescent wrench.



Step 16: This 1" port will be used for the new tank vent.



Step 17: Re-install the return hose to the barbed fitting in the middle of the tank.

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Step 18: Install the main vent assembly. Tighten with a pipe wrench and make sure the elbow faces the rear of the trailer.



Step 19: Install the vent hose connection.



Step 20: Use a pipe wrench to tighten.

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Step 21: Slip the hose clamp on the hose.



Step 22: Tighten the hose clamp on the hose fitting.



Step 23: Open the rear generator access door.

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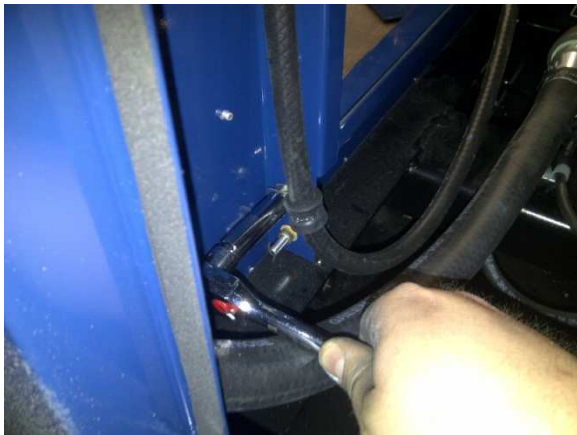
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Step 24: Locate the old 5/16" vent hose.



Step 25: Find a 7/16 deep socket and ratchet.



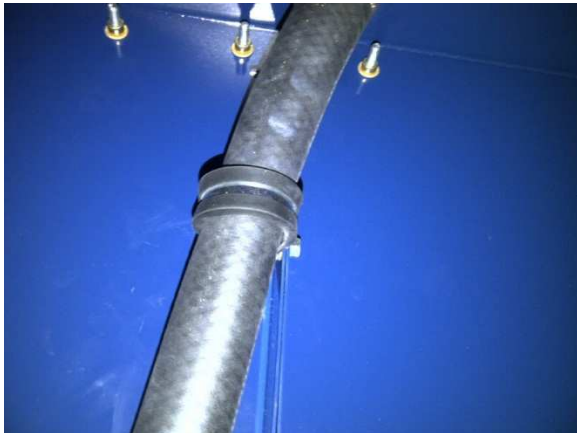
Step 26: Remove the old vent clamps (2 clamps) and the vent hose.

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Step 27: Note the assembly order for the new hose clamp fastener. Flat Washer, clamp, flat washer, lock washer and then the nut.



Step 28: Install the hose clamp at the top of the previous clamp locations. There will be only one clamp in order to prevent kinking of the larger hose.

NOTE: Ensure that the top of the hose is clear and unobstructed. A minimum of 1" clearance above the hose is required.



Finished Vent