



**SAFE BOAT FUEL VENT BLOCK INSPECTION
GENERAL INSPECTION PLAN**

REVISIONS

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Summary

This document describes the tools and steps to take for inspecting the fuel tank vent hose connections.

Prior to starting work, move the boat to a well-ventilated area.

1.0 Tools Needed



Figure 1: #2 Phillips screwdriver and a flat head screwdriver.

DO NOT USE ANY TYPE OF POWER TOOLS TO PERFORM THIS INSPECTION.

2.0 Deck Access Hatch Location

This section describes the location of the hatch to gain access to the hose connections.

2.1



Deck Access Hatch

Figure 2: The deck access hatch for the vent block is in front of the aft locker on the port side of the aft deck.

3.0 Deck Hatch Removal

This section describes the method of removing the inspection lid to gain access to the vent block.

3.1 Deck Access Lid Removal



Figure 3: Remove the Phillips screws from the inside bolt circle.

The number of screws may differ depending on the size of the hatch.



Figure 4: Insert a flat head screwdriver into the small notch to pry the lid open. Be careful not to tear the gasket below.

If fuel vapors are present or there is a strong fuel smell, take the boat out of service and contact SAFE Boats Customer Service immediately. SAFE Boats will respond with a visit from a service technician at the earliest possible opportunity. Leave the cover off.



Figure 5: Hatch opening with access lid removed.

3.2 Hatch Ring Removal

Depending on the size the access hatch, removing the hatch ring may help gain greater access and visibility to the hose connections below.



Figure 6: Remove the Phillips screws from the outside bolt circle, which hold the hatch ring to the deck. When taking the last few screws out, hold the hatch ring in one hand so it doesn't fall.

The number of screws may differ depending on the size of the hatch.



Figure 7: Once all the screws are out, the hatch ring can be lowered, rotated, and removed through the deck opening.

4.0 Vent Block Inspection

This section describes how to ensure the vent block is connected correctly.

4.1 Vent Hose Inspection



Figure 8: With the hatch ring removed the vent hose connections are accessible for inspection.



Figure 9: Ensure the vent hoses are connected to the hose barbs coming through the bulkhead and secured with hose clamps.

4.2 Post Inspection Actions

If hoses are not found to be connected properly, take the boat out of service and contact SAFE Boats Customer Service immediately. SAFE Boats will respond with a visit from a service technician at the earliest possible opportunity. Protect the opening from water and/or snow from entering the hull and leave the cover off. Do not reconnect the hoses prior to the SAFE Boats technician's arrival.

If the hoses are properly connected, respond to SAFE Boats as described in the cover letter and proceed with reassembly of the hatch cover.

5.0 Reassembly

This section describes how to reinstall the deck hatch ring and lid.

5.1 Hatch Ring Install

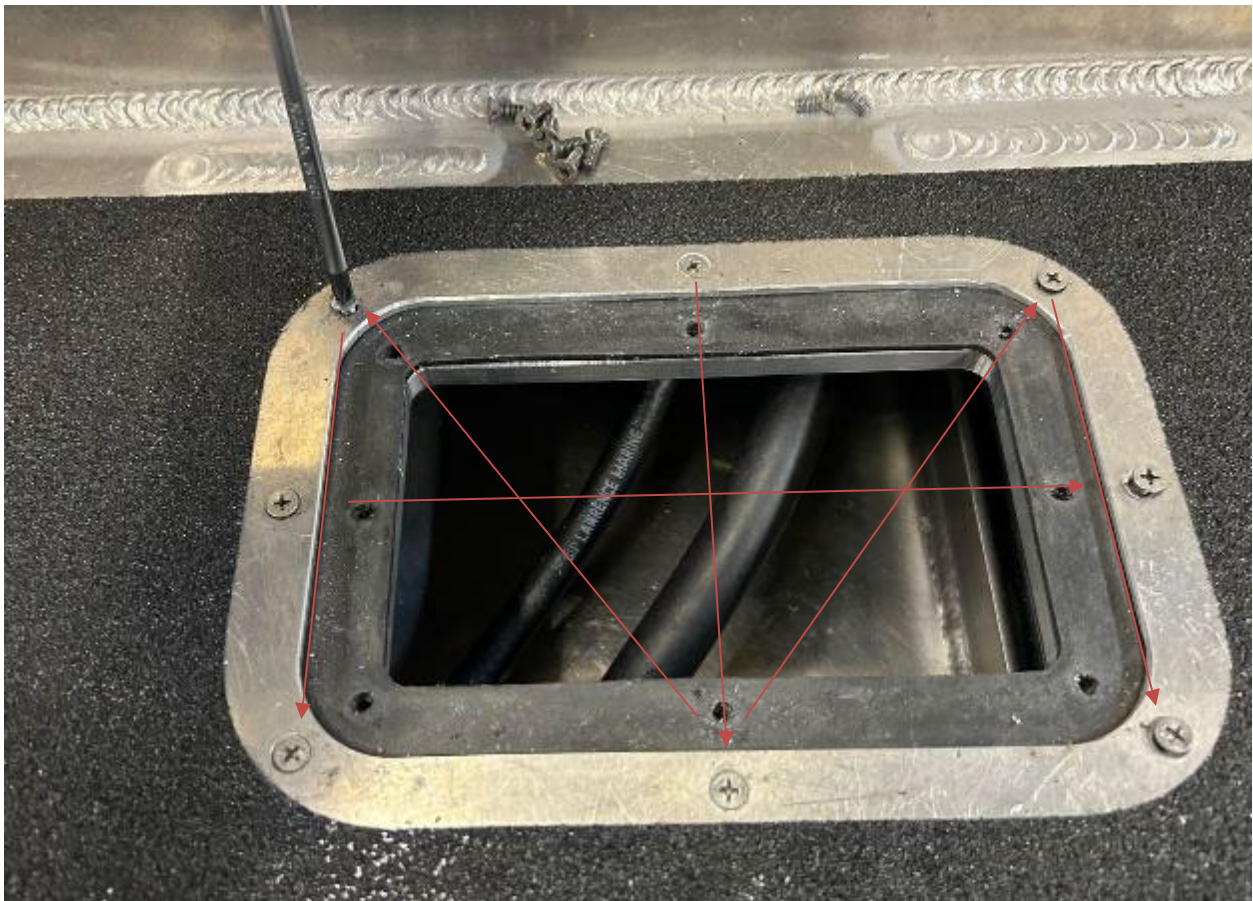


Figure 10: Insert the hatch ring and gaskets through the deck opening and rotate into place. Make sure the gaskets are clean before pulling the ring against the deck. Install all the outer screws loosely into the hatch ring before tightening. Tighten screws in a crisscross pattern.

5.2 Hatch Lid Install

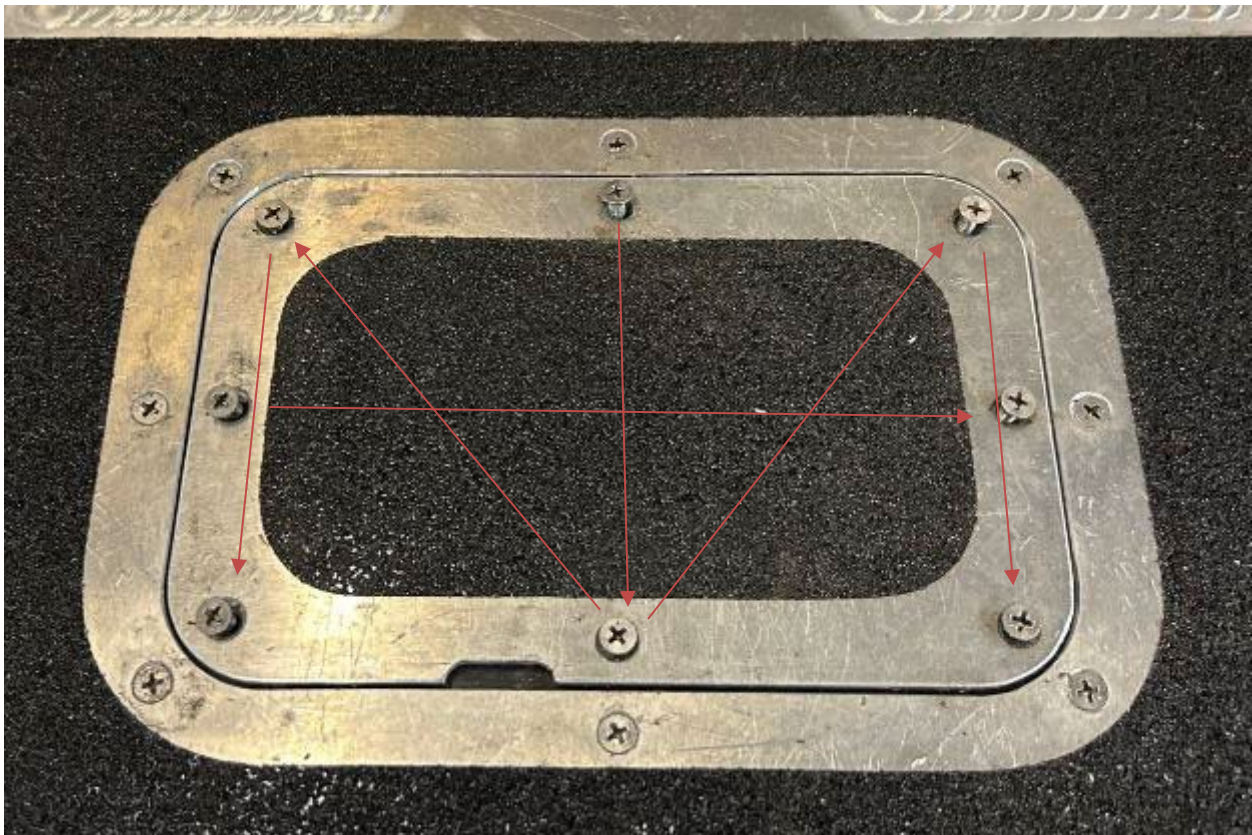


Figure 11: Ensure the gasket is clean before installing the hatch lid. Install all the hatch lid screws loosely before tightening. Tighten screws in a crisscross pattern.



Figure 12: After installing the lid, double check that all screws are tight on both the lid and hatch ring.