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## Super Air Nautique Additional Ballast

**Eligible Models:** 2007 and Newer Super Air Nautiques

**Overview:** You will plumb your current factory overflow to fill your additional system and those Fat Sacs will then overflow out of the side of the boat.

**Notes:** Always fill and vent V-Drive sacs from the same end of the sac. Always fill into the bottom of the sac and vent out the top. Your vent should be short enough that it pulls up on the top of the Sac slightly when empty. This will help prevent air lock issues. Hose clamp all fittings to hoses. Wrap all hose clamps in black electrical tape to ensure they do not damage anything.

### **Required tools & materials:**

Flat head screw driver or 5/16 nut driver

Wire snips/cutter

Razor Knife

### **Additional Materials needed**

One inch PVC "T" fitting

(10) 1.5" hose clamps

Vaseline/Lithium grease (Helps install the fittings to hoses)

All Purpose/Multi PVC Cement

8' extra wire reinforced 1" bilge hose (230/236 only)

### **Installation of the rear V Drive Sacs**

**1-** Lay out your new additional ballast system and fittings. V-Drive sacs will receive a grey male fitting on the top and bottom of the same end. The integrated bow sac will receive a grey male fitting on the top starboard side of the arrow and in the bottom both back ends. (3 total) Clean both the fitting and the threads with PVC cleaner and apply PVC cement to fitting before screwing them into the Sac. All other ports in the Sac should be plugged using the same method.

**2-** Locate and remove factory overflow hoses from the through-hull side fitting inside your V-Drive Compartment. Lay the bag on top of your factory tank with the fitting toward where the factory overflow hose come off the tank. Determine the length to cut the overflow hose for attaching it to the sac. Cut the hose using razor knife and snips. Slide a hose clamp over the hose. Using Vaseline or lithium grease, attach the quick connect female fitting to the hose and hose clamp tight. Connect the female hose fitting and bottom male fitting in the V-Drive Sac. Use the remainder of the hose to make the new vent hose from the top of the Sac to the hull side fitting. (Refer to notes)

**3-** Attach one end of the vent hose to the hull side fitting and hose clamp tight. Attach the other end to a 90-degree female fitting and hose clamp tight. Connect the hose with 90-degree fitting to the male fitting on the top of the bag and your V-Drive sac is installed. Repeat on other V-Drive sac.

**FIG. 1**



**FIG. 2**



**4-** Using the 1" barbed fitting, 4 hose clamps and 2x 90-degree female fittings, approximately 4" of 1" reinforced hose. Make a "T" fill hose for the integrated bow sac. Should be wide enough to reach the fill ports on each end of the back of the sac. (See picture)

**FIG. 3**

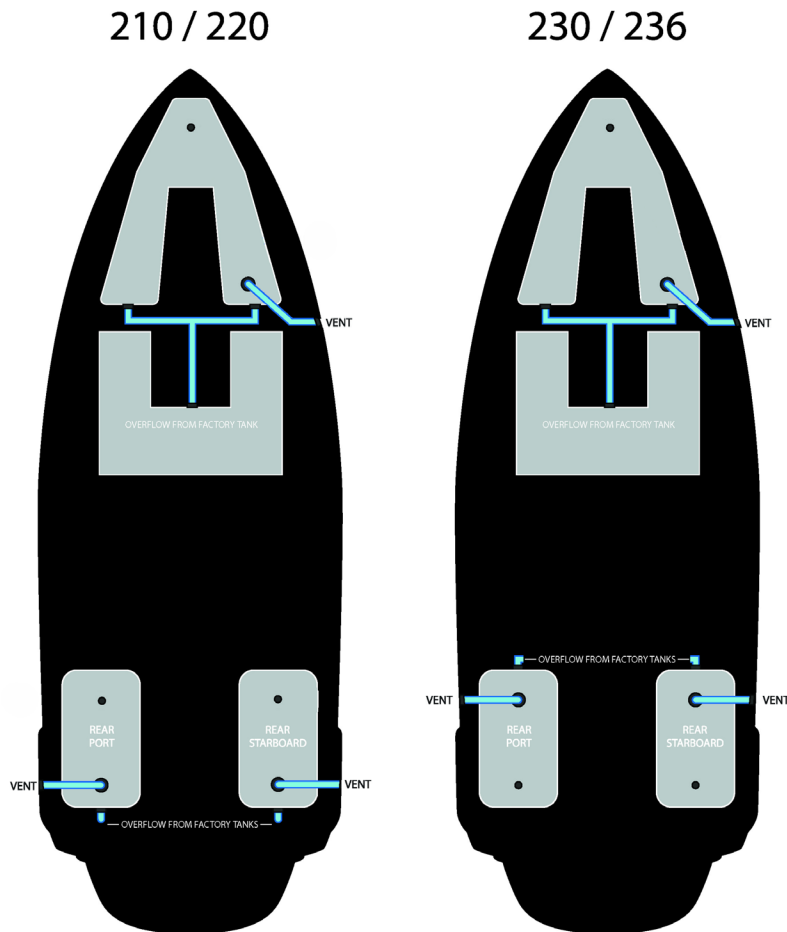


**5-** Locate the factory vent hose from the bow ballast and pull the excess from under the helm area toward the bow. Cut the hose in half so you can easily work with both parts. Attach the part coming from the belly ballast to your new integrated fill "T" that you just made (In step 4) with a hose clamp. Route this whole mechanism under the bow walk through where the back of the integrated bow sac will lay. Insert integrated sac in bow storage and hook up to your filler "T". Now extend the remainder of the factory vent hose to the top back of your starboard side of the bag or the remaining male fitting.

**FIG. 4**



**6-** Mission accomplished! You will have to cycle your ballast pumps 2x to fill or empty your new ballast system.



USE THE OVRFLOW FROM THE FACTORY TANKS TO FILL THE FAT SACS.

IF YOUR HAVE ANY QUESTIONS, PLEASE CALL OR EMAIL US.  
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