



Here's what the PCB looks like mounted inside the waterproof polycarbonate box with external connections made . . .

for CON1 and CON2 are modified to remove the centre terminal, to increase the voltage rating between the two outer contacts.

Fully unscrew the centre screw and prise it out of the plastic connector. The central contact will slide out of the housing. The screw terminals are installed with the lead

entry toward the lower edge of the PCB.

CON3 is made up of two 2-way screw terminals dovetailed together. Install it with the lead entry also toward the lower edge of the PCB.

Insert the leads of inductor L1 into the PCB and secure it in place with a cable tie that wraps around the lower part

STEP-BY-STEP FITTING GUIDE IN PICS



A: Roughen the bottom of the 50mm flanged nut with some coarse sandpaper. This is to give a good "key" for the adhesive to ensure it won't vibrate loose when fixed to the boat hull.



B: It's important that glue doesn't get into the thread, where it would clog it up. Smear a good coating of Vaseline right around the threads – make sure it doesn't get on the bottom of the flange.