



Majadahonda 31st October 2014

STARTING UP A D3 EQUIPMENT FOR THE FIRST TIME

VESSEL MUST BE IN THE WATER

Both regulators must be connected to a 24V DC power supply through their Spike filters.

Ensure that all metals below the waterline are connected to the grounding plates with cables of at least minimum diameter required, as shown in the technical manual for metals below the waterline.

Turn on both regulators.

Locate the potentiometer in each regulator that adjusts the boat in port (no signal in RELAY cable). Adjust to minimum current. (It's advisable to use a marker to label both the potentiometer for port and the one for sailing).

Gradually increase the current flow in each regulator similarly. As you increase current on both regulators, press the red button of the LED panel for a few seconds until the second green LED (counting from left to right) lights up. Now the boat is adjusted to port.

When the boat is sailing and propeller turning, we adjust the other potentiometer (potentiometer for sailing) in the same way. Press the red button for a few seconds and check the second green LED lights up. In this case, the relays will be supplied with the 24 DC voltage source from the main Engine alternator.

Ensure both regulators work with similar currents in their corresponding adjustments in port and sailing.

If the boat has been in the water for a few days with the equipment turned off, it might take a few hours to charge. However, after this time, there might be an excess of current so LED panel should be checked again, in case the current has to be lowered on both regulators (in port and sailing), until adjusted to the second green LED.

Normally, we consider correct adjustment when the LED panel lights up between the first and third green LED both inclusive.