

WS60C Mounting Instructions.

Tools needed for an installation:

Battery drill with different drill bit. 2.5mm - 3.5mm - 5mm - 12mm drill bit. 6mm threading loss.

Small flat screw driver. Tools for electrical work and general hand tools.

Polyurethan sealant suitable for under salt water use.

STEP 1:

Find a good location for the motor. Its important that the motor can make a free water flow out from the propeller. Make sure there are no obstical on the inside so you dont hit any wires or tubes.



STEP 2:

Once you have found a good location use the motor bracket, mark the 2 holes for the 6mm mounting bolts.

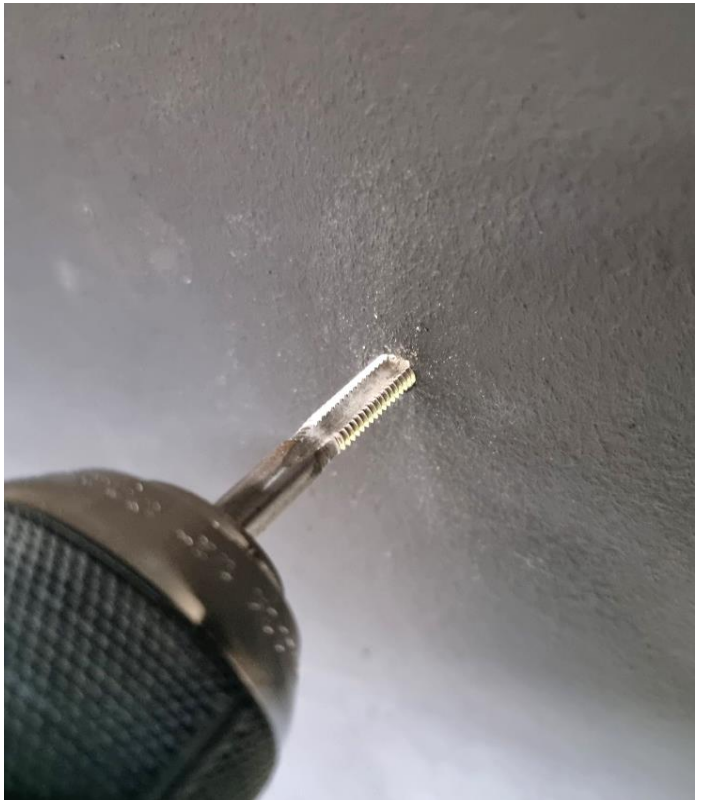
Make sure the bracket mounted the same way as on the picture, square point on the bracket pointing out.

Braket you use for marking the holes must be used on the same side.



STEP 3:

Drill holes for the motor bracket, use 5mm drill bit, then use the 6mm threading loss and make treads in the holes



STEP 4:

Making holes for cable clamp and cable inlet.
Plan where you want the cable clamps and the cable inlet.
NOTE !! Cable inlet must always be over the water line.



STEP 5:

Drill holes for screws for cable clamp 3,5mm. Cable inlet cover 2,5mm. Hole for motor cable 12-13mm. Remove antifouling where the sealant will be. Note !! The hole for the cable must be angled down so the motor cable will lay flat in to the transom.



STEP 6:

Mounting motor bracket, cable clamp and cable inlet cover.

Ad sealant under the bracket, bolt holes and cable clamp hole,
Mount the motor bracket with 2pcs 6x70mm bolt, since the holes have treads you must screw the bolt in.
Tighten bolts good, but not to hard so you damage the treads and bracket.



STEP 7:

Mounting motor and cable inlet.

Mount the motor on the bracket. Put the cable in to the cable hole.

Ad sealant on the hole for cable clamp and around the motor cable. Mount the cable clamp with screw 4,8x19mm
Ad sealant on the hole for cable cover. Before you mount the cable cover have extra sealant on the cable and push the cable in and flat against the transom. Mount the cover with 3pcs 3,5x16mm screws.



Step 8

Ad zink anode

Before mounting zink anode ad marine grease in screw hole on the motor and on the screw.



Step 9

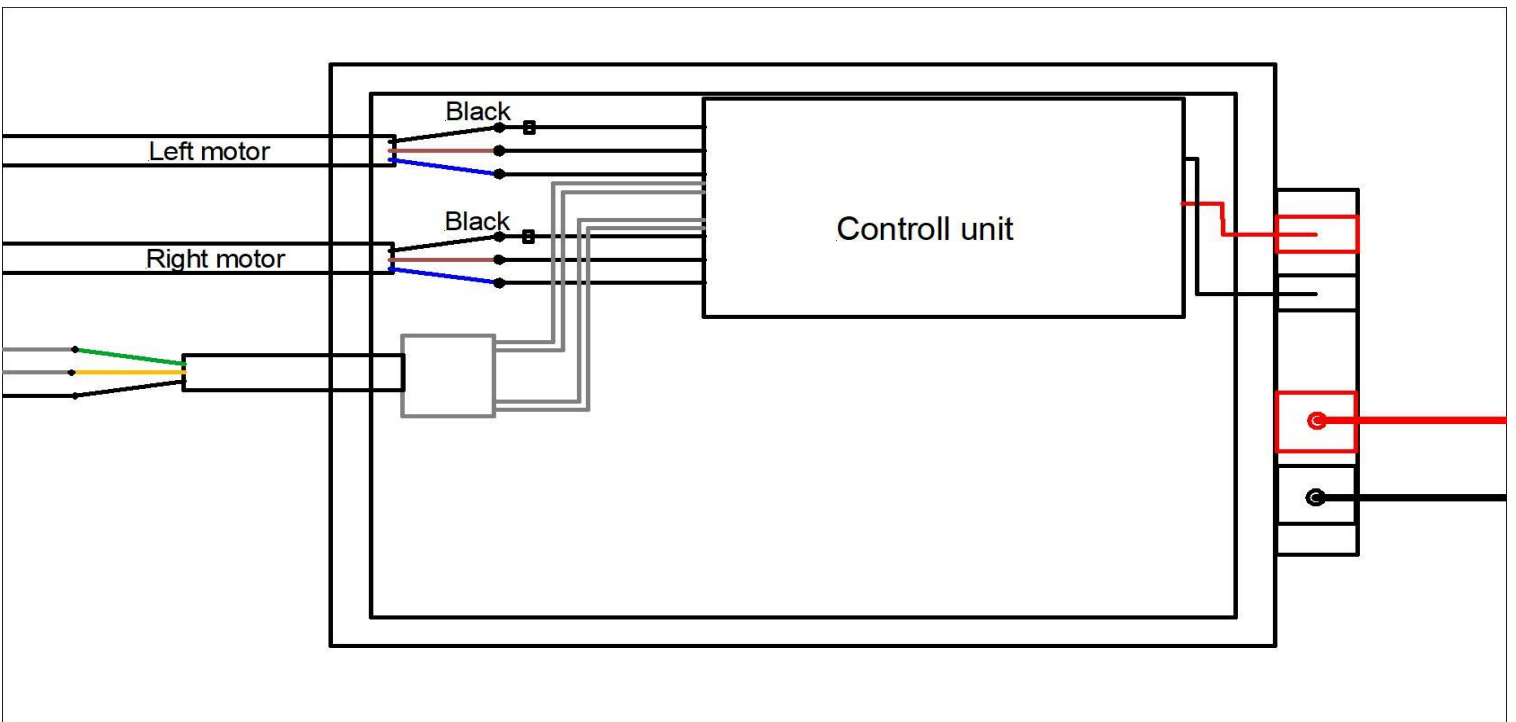
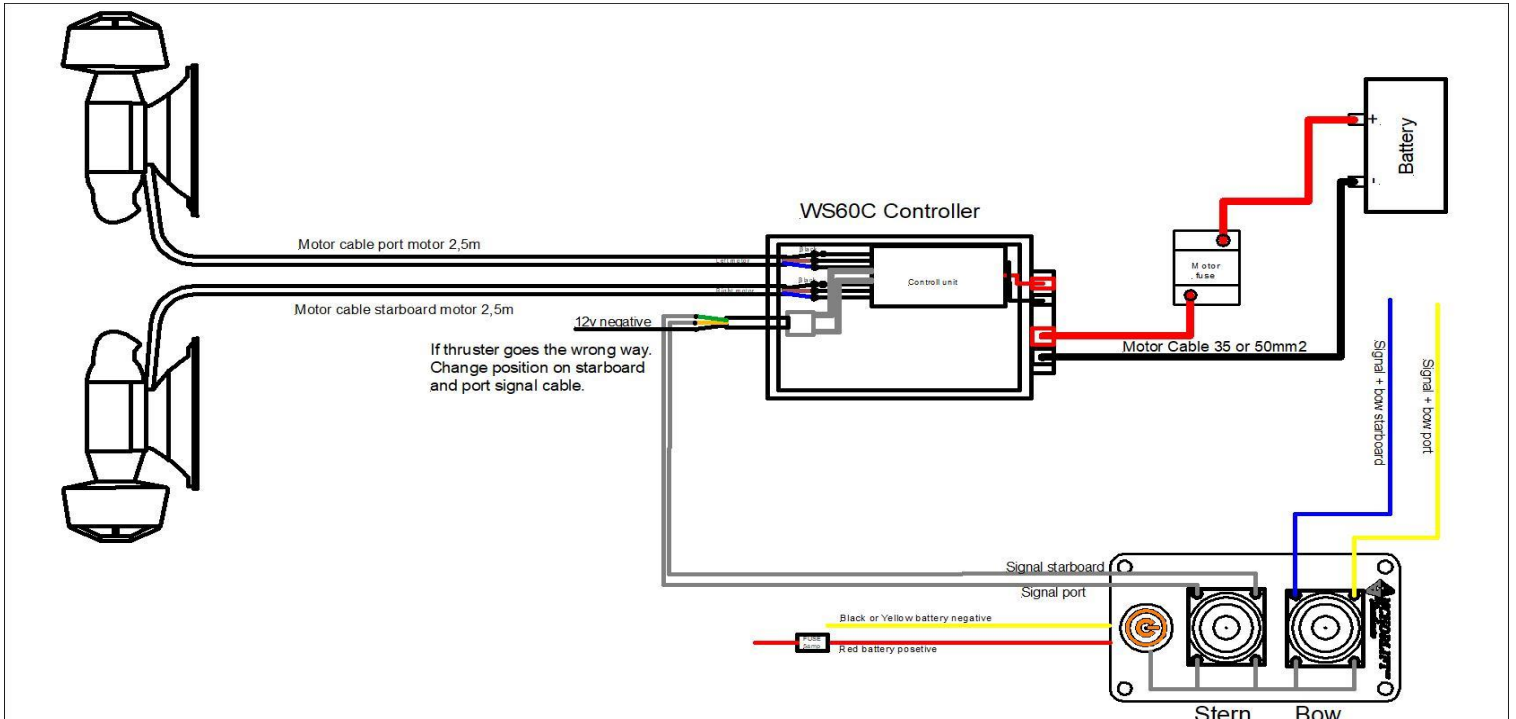
Wiring. NOTE! DO NOT RUN MOTOR FOR LONGER THAN 5 SEC WHEN OUT OF WATER.

Follow instruction for your model.

WS60C with DC DC 12-48vdc converter.

When replasing your exisiting bow thruster panel please note if your existing bow thruster is posetiv or negative controlled. Contact us for if any question.

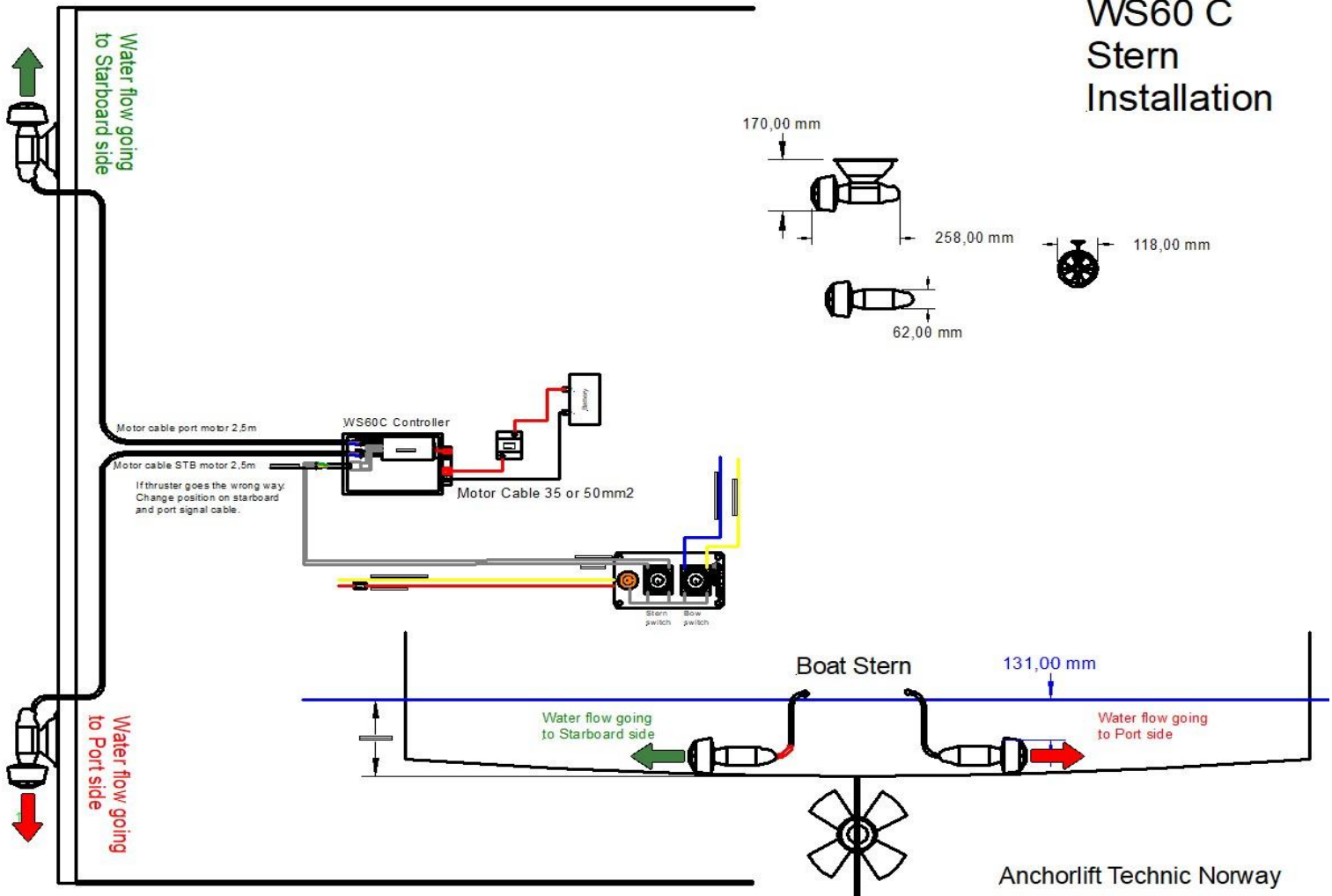
NOTE! Propeller direction anti clockwise when looking at motor from propeller side.



NOTE! If motor goes the wrong way, change position on motor cable brown and blue.

This instruction is intended as a guideline for an installation, since boats are different it may be your installation be a bit different as shown in this guide. If any question don't hesitate to take contact with us for questions.

WS60 C Stern Installation



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