

3 Installation

Step1: Hang the motor on the transom on the motor holder and tighten the two clamp handles.

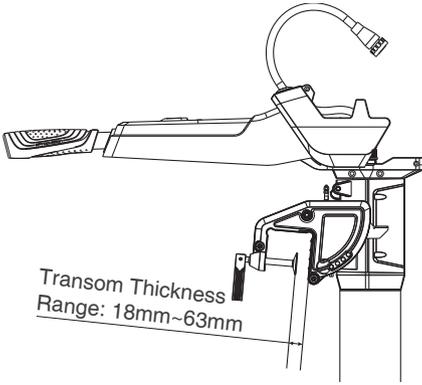


Figure 3-1

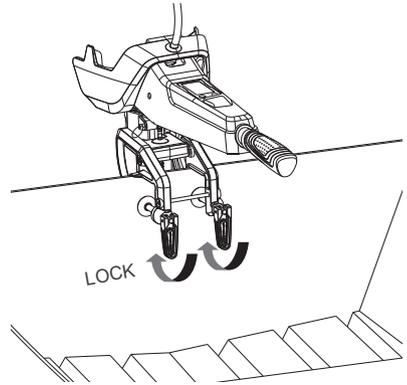


Figure 3-2

 Ensure to mount the outboard on the centerline of your boat. If the boat shape is asymmetric, please consult your dealer to get proper solution.

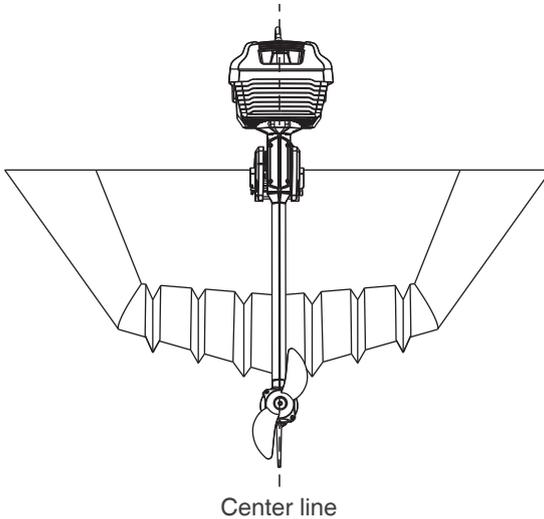


Figure 3-3

The mounting height of the outboard affects the running speed seriously. When the mounting height is too high, cavitation may occur to waste power. When the mounting height is too low, the water resistance will increase and

it will lead to efficiency and running speed reducing. Mount the outboard and ensure the top of propeller is $\geq 100\text{mm}$ and $\leq 150\text{mm}$ below the bottom of the boat. Usually, if $300\text{mm} \geq \text{transom height} \geq 200\text{mm}$, it's recommended to select an extra short shaft SPIRIT, if $400\text{mm} \geq \text{transom height} \geq 300\text{mm}$, it's recommended to select a short shaft SPIRIT, while if $500\text{mm} \geq \text{transom height} \geq 400\text{mm}$, it's recommended to select a long shaft SPIRIT. The below Figure 3-4 shows the suitable transom height for a short shaft SPIRIT.

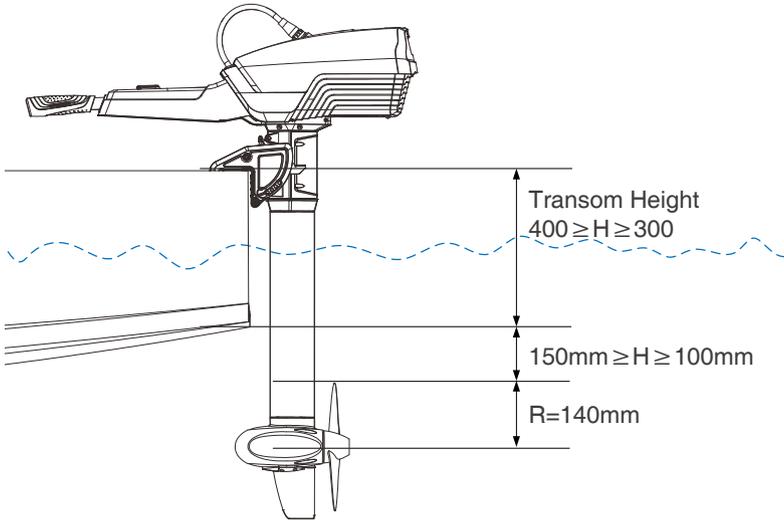


Figure 3-4

Select a proper shaft length according to your transom height and applications. The optimum mounting height is affected by the conditions of boat and requirements. It's recommended to test running at a different height to help obtain the optimum mounting height. You can consult your dealer to get more information.

Step2: Lift the battery by gripping the handle and pull up the battery lock. Align the two slots on the battery bottom to the blocks on the bracket and put down the battery. Release the battery lock and lock the battery on the bracket.

 Ensure to hold the battery handle before detaching or mounting the battery.

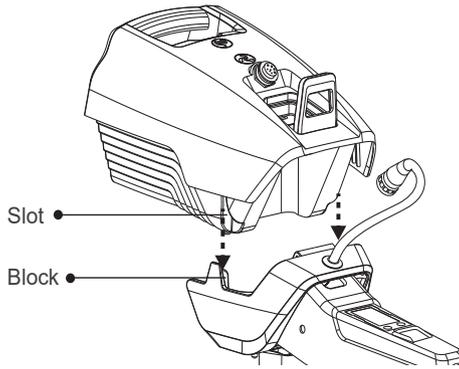


Figure 3-5

Step3: Plug the power cable in the power port and tighten the connector.

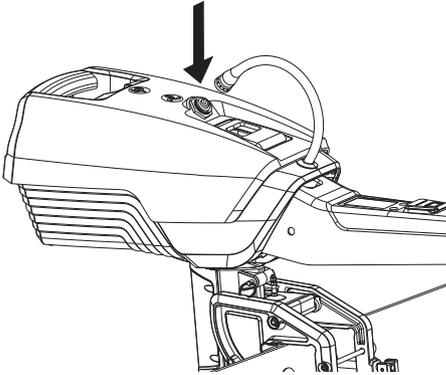


Figure 3-6

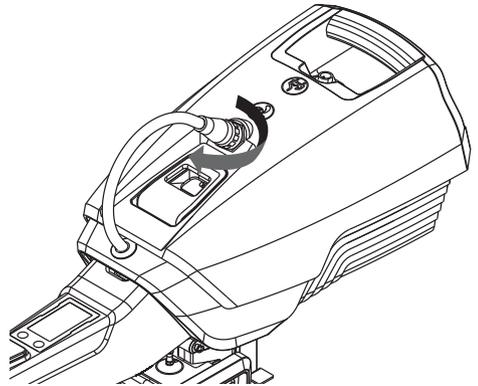


Figure 3-7



Make sure the power cable connector and socket are dry before connecting to avoid short-circuit.



Please spray and clean the connectors about every 3 months with contact spray.