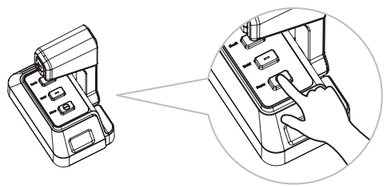
EPROPULSION X12 QUICK START GUIDE

NOTE: This Quick Start Guide is intended as an aid to everyday operation of your motor. It is a condition of use that:
(1) The motor has been installed correctly, in accordance with the full manual.
(2) You have read and understood the full manual, and have made yourself familiar with all operations of the outboard motor system and the boat.

1 START-UP

1.1 System Start

With the lever in neutral, long press the Smart Throttle power button for 1s. The smart display will turn on, and shows "READY" (top right of screen) when the system is ready to run.



- **If the throttle is not in neutral it will flash “Reset” on the display (put it in Neutral)**
- **If the smart throttle “chirps” after system start, and the display shows an error message, refer to Troubleshooting (full manual) to resolve the issue.**

1.2 System Check/Configuration

The system will “read” all connected devices. If it is a simple system (one motor, one throttle etc) it will process automatically and proceed to the Home page (2 below). If it is a more complicated system (two or more motors etc) some manual confirmation/configuration will be required (see full manual).

1.3 Check for System Updates

It is recommended to check for system updates, which can include important operational and/or safety improvements, each time you use the boat. To do this press the Settings icon, then General, then System Info, and select System Update. You can then choose between an immediate update or an overnight update.

2 HOME PAGE DISPLAY

3 MOTOR OPERATION

Before going out on your boat you should alway “check the basics” such as:

- the battery level is sufficient for the journey intended
- all electrical cables are securely connected and damage-free
- the weather forecast
- the boat and all crewmembers have adequate safety gear
- the driver is wearing the kill cord
- Assuming the high voltage battery is connected/switched on, and the system is “READY” (ref 1.1), the main outboard control systems are:

3.1 Throttle

This operates largely as you would expect of any boat motor throttle. From the neutral position push it forwards (gently, at least until you are familiar with it) to increase power and drive the boat forwards, or backwards from neutral to drive the boat in reverse.

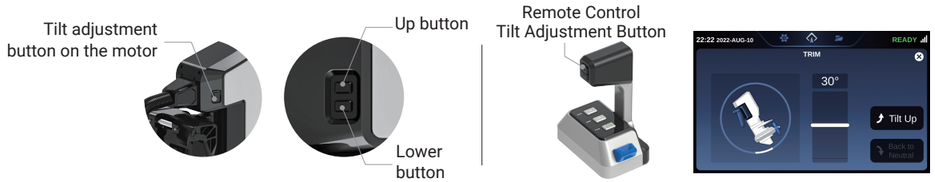
- **You should not, but if you pull the throttle directly from forward to reverse, the motor will stop briefly before entering reverse gear, to protect the gearbox from damage.**
- A reduced power “Docking Mode” (see full manual) is available for safer manoeuvres in harbour

3.2 Steering

The steering wheel changes the direction of the outboard, as you'd expect. The maximum steering angle, and the number of turns from lock-to-lock, can be adjusted if you wish (see full manual).

3.3 Trim

The trim angle of the outboard helps determine the position of the bow in the water. This can be adjusted by the buttons on the side of the throttle handle, or via the Smart Display. Correct trim angle improves performance and reduces stress on the outboard motor. The appropriate trim angle depends on the combination of the boat, outboard motor, and propeller. Other factors, such as the boat's load, sea conditions, and operating speed, also influence the correct trim angle.



- **Trim Angle is important to boat safety/performance.** More information can be found in the full manual, but please also seek professional advice if you are not familiar with this aspect of operating your boat.

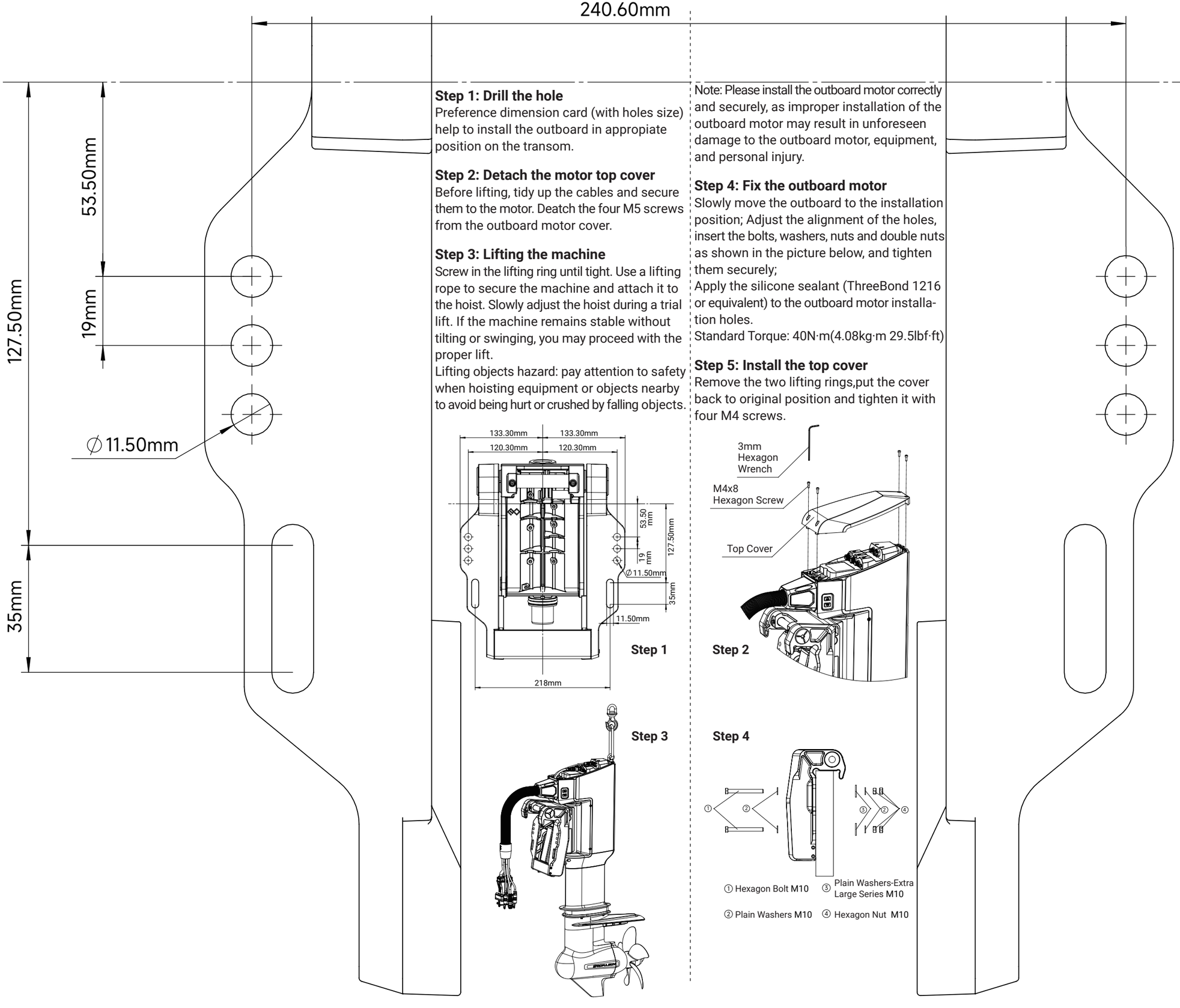
4 CHARGING

To start charging, the system needs to be turned on (press Smart Throttle power button for 1s), with the throttle in neutral. When the display shows "READY" the power supply to the AC charger can be connected/turned on.
If you need to leave the boat once charging has started, but before it's complete, the system can be powered off. The battery will then continue charging until full (or the AC input is disconnected).

Please Note: the motor cannot run and the throttle should not be operated whilst charging. Attempting to do either may result in a system error.

5 OTHER USEFUL INFORMATION/ADVICE

- The full manual contains much vital additional information, in particular Fault Codes & Troubleshooting. Store it on board the boat, somewhere that’s accessible but won’t get wet.
- Ensure the top of the outboard is not covered to avoid loss of GPS signal (which gives speed and range data).
- Wash the outboard with fresh water after use in salt water, to reduce the effects of corrosion.
- In case of a collision, please stop the outboard immediately and check if damaged. Do not continue operation until it is confirmed to be undamaged, or there is a risk of further damage, losing the propeller, etc. Contact authorized ePropulsion dealer for inspection/service.



Step 1: Drill the hole
Preference dimension card (with holes size) help to install the outboard in appropiate position on the transom.

Step 2: Detach the motor top cover
Before lifting, tidy up the cables and secure them to the motor. Deatch the four M5 screws from the outboard motor cover.

Step 3: Lifting the machine
Screw in the lifting ring until tight. Use a lifting rope to secure the machine and attach it to the hoist. Slowly adjust the hoist during a trial lift. If the machine remains stable without tilting or swinging, you may proceed with the proper lift.
Lifting objects hazard: pay attention to safety when hoisting equipment or objects nearby to avoid being hurt or crushed by falling objects.

Step 1

Step 3

Note: Please install the outboard motor correctly and securely, as improper installation of the outboard motor may result in unforeseen damage to the outboard motor, equipment, and personal injury.

Step 4: Fix the outboard motor
Slowly move the outboard to the installation position; Adjust the alignment of the holes, insert the bolts, washers, nuts and double nuts as shown in the picture below, and tighten them securely;
Apply the silicone sealant (ThreeBond 1216 or equivalent) to the outboard motor installation holes.
Standard Torque: 40N·m(4.08kg·m 29.5lbf·ft)

Step 5: Install the top cover
Remove the two lifting rings,put the cover back to original position and tighten it with four M4 screws.

Step 2

Step 4

① Hexagon Bolt M10
② Plain Washers M10
③ Plain Washers-Extra Large Series M10
④ Hexagon Nut M10