Trolling Motor Mount for Sea Eagle Kayaks (MMKayak)

Kit Includes:

- Aluminum motor mount board (1100mm)
- White Plastic Block
- 2 - L Brackets
- 4 - black knobs
- 4 - M8 bolts: 40mm and 50mm
- 2 - Sea Eagle Straps

Kit may contain washers, they are not needed.

Motor Mount Block
Run longer screws through L-Brackets, then through plastic block. Screw black knob onto bolt, do not tighten.

Run shorter screws through L-bracket and aluminum board. Tighten each knob. If necessary, use a 13mm or adjustable wrench to hold head.

For illustration purposes, we’re showing the Fast Track, but other Sea Eagle boats with two sets of D-rings eight inches apart are similar.

Motor Mount Board
Lay board over the D-rings located just in front of the rear spray skirt. Locate the two straps.
Place board as close to side of boat as L-bracket knob will allow.

Note: Upright can be placed on either side of boat. Board can be flipped to install block on leading edge. See photos on page 4.

**Straps**

With buckle upside down, run strap through the rear D-ring and under the board.

Do **not** run strap through the front D-ring at this time, only under the board.

**Loop Around Board**

Run strap back over the board and through the rear D-ring to make a loop around the board.

Pull strap to remove slack. At this point, strap should make a loop around the board going though rear D-ring only.
**Front D-Ring**
Run strap though front D-ring and back through buckle. Pulling out any slack as you go.

**Strap Through Buckle**
Run strap through buckle and pull tight.

Excess strap can be run through back of buckle and tucked under secured strap.

Caution! Strap will stretch when wet. Check strap when wet and tighten it.

Tighten knobs before each use.

Trolling motor can now be clamped onto to motor block.
**Configurations**

By turning board around or flipping it over, the motor mount block can be attached to leading or following edge of board, which may make handle easier to reach.

For best performance, motor should be in rear most position and as close to boat as possible, but different positions may be more comfortable, especially if the tiller is short.

To maintain steering control, skeg should always be used with a Sea Eagle kayak.

**Battery Selection**

What battery to use with a kayak? Deep cycle and Lithium Ion batteries work the best and last the longest. Deep cycle batteries can get very heavy as they get larger and have more energy. It may be safer to have one or two small batteries than one large heavy battery. Keep battery low in boat to minimize tippiness, like behind the seat or under spray skirt.

Shown here:
- K2 brand Lithium Ion Battery: 5.5 lbs, 19 Amp hours (Ah)
- Universal brand Electric Vehicle (EV) battery: 13 lbs, 22 Ah
- West Marine brand AGM 17 lbs, 19 Ah

**Circuit Breaker**

You want a circuit breaker rating (or amperage trip point) just above the amperage draw of your motor at max speed (usually equals the thrust rating). If a prop wrapped with weeds and is prevented from rotating, the motor will respond by using more and more power from the battery in an attempt to turn the shaft. If this goes on for too long, the high level of current will permanently damage the motor. It is also a Coast Guard requirement for ungrounded current carrying conductors. Available from Minn Kota and others. Breaker clamps to the positive terminal of the battery.