



INSTALLATION MANUAL

RUDDER-INTEGRATED

This installation guide is for the Rudder-Integrated Mounted motor models, for Gen 2, Gen 3 XL, and Gen 3 Pro systems. The rudder + motor system replaces the existing Hobie PA or Outback rudder and mounts to the same steerable/retractable base.

1. Gather supplies.

You will need a Phillips screwdriver.

2. Remove existing rudder.

With your kayak resting upside down, allow your rudder to fully extend. Unscrew the large screw holding the rudder to the base and remove. The rudder will be attached to the retraction cord and small torsion spring. Untie string, remove rudder, and remove the spring. Be careful not to let string fall into cavity.



3. Tie new rudder.

Re-tie the retraction cord into the TPP rudder by inserting and tying a knot.



4. Insert spring & attach rudder.

Insert the small arm of the spring back into the hole in the rudder base. Hold spring in place and attach other end of spring to the TPP rudder.

Rotate the rudder into the upright/deployed position and push towards the spring to align the rudder bolt hole with the base hole.

Insert and tighten the screw and when complete your rudder with the attached motor should appear as shown.



5. Connect throttle & motor.

The motor & throttle cables need to be connected to the main control case. The throttle connector (three pin) attaches to the top receptacle and the motor connector (four pin) attaches to the bottom receptacle. These receptacles are keyed and will only connect when oriented properly, white dot up.

Insert pins fully and twist black collar clockwise until securely fastened. The first several times twisting and untwisting this black collar may be difficult but will become easier with use.



6. Control case.

The waterproof control case should be placed behind the seat in the cargo section of the kayak. The motor cable should be routed under the seat along with the throttle cable. You can use cable clips to secure either cable.

4. Attach throttle + steering control.

Attach the black plastic throttle control base to the rudder control knob and slide throttle onto base as shown. (For Pro Angler Kayaks use the included screw to attach to rudder handle)

