



ATTACHING THE FACTORY INSTALLED PROWLER 13™, PROWLER 15™ OR ZEST EXP™ RUDDER

In the kit:

Rudder Body
Rudder Bracket (already attached to boat)
4 – Machine Screws 1/2" (installed through bracket)
1 Assembly of Screw/Nut/Washer/Bushing (larger)
1 Assembly of Screw/Nut/Washer/Roller Guide (smaller)
Rudder Blade and Deploy Lines (attached to boat – do not untie)

Tools required:

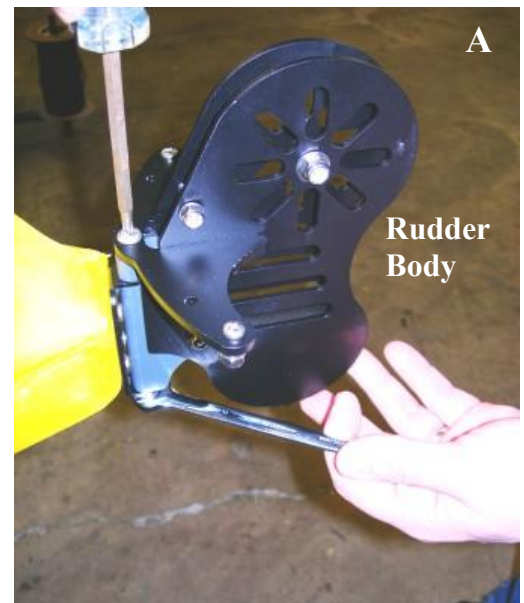
#2 Phillips Head Screwdriver
7/16" Wrench
3/8" Wrench

Please Note: All nuts used in this installment are nylon, self-locking nuts. Once the screw hits the nylon, it is locked. The screw will be flush with the nut at this point. **Do not over-tighten.** All areas where screws are used are pivot points. Over-tightening will cause the rudder to not work properly.

Please read the instructions thoroughly before installing the Prowler 13™, Prowler 15™ or Zest Two EXP™ Rudder. If you have questions, do not hesitate to contact Ocean Kayak (800-8-KAYAKS or service@oceankayak.com) or your nearest Ocean Kayak dealer for more information.

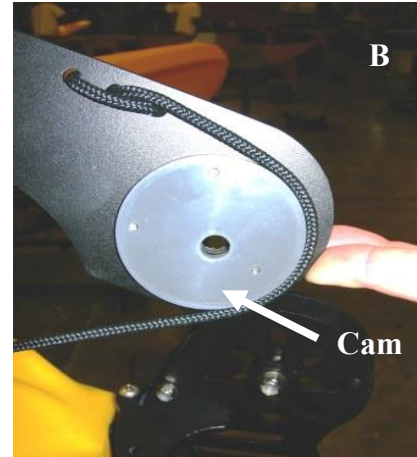
Attach the Rudder Body:

1. Remove nut, washer, and 4" screw from front of rudder body. Insert rudder body between brackets. Put 4" screw, washer, and nut back in place. Using 7/16" wrench and screwdriver, tighten self-locking nut until screw is flush with nut. Do not over-tighten. The rudder body should be able to swivel freely. See photo A.

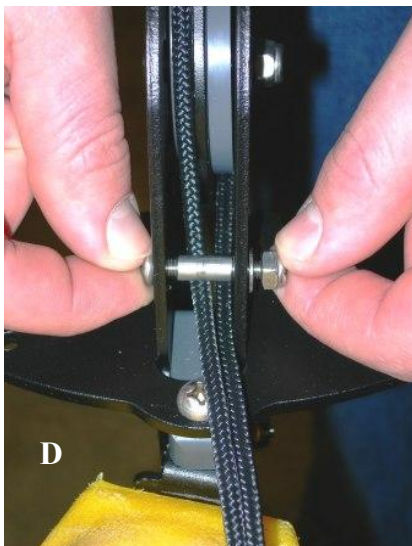


Attach the Rudder Blade:

1. Deploy lines will be attached to boat and rudder blade. Do not untie.
2. Remove the rudder blade from its position in the tank well and straighten out deploy lines so they are not twisted.
3. Disassemble the larger screw/nut/washer/bushing that is in the bag.
4. Standing behind the kayak with the rudder blade in front of you (in the up or resting position), grab the left deploy line and position it around the gray cam on the left side of the rudder blade. See photo B.



5. Keeping the rudder blade in the up position, put the blade into the rudder body. Line up the center holes of the body and cam and insert the bushing into it.
6. Insert the screw through the bushing, and tighten washer and self-locking nut with 7/16" wrench and screwdriver. Do not over-tighten. Stop when the screw is flush with the nut. See photo C.
7. Disassemble the smaller screw/nut/washer/roller guide that is in the bag.
8. Move the rudder blade to the down position.



9. Pushing the deploy lines down, put the roller guide between the two holes in front of the rudder body. Insert the screw through the holes, keeping the roller guide in place. Use 3/8" wrench and screwdriver to tighten the washer and self-locking nut. Do not over tighten. Stop when the screw is flush with the nut. See photo D.

Attach Steering Lines:

1. Remove nut and 1 washer from the left wing of the rudder body.
2. Place the loop from the left steering cable on the screw.
3. Add the washer and self-locking nut, and tighten using 3/8" wrench and screwdriver. Do not over-tighten. Stop when the screw is flush with the nut. See photo E
4. Attach the other side the same way.



See photo F for a completely installed rudder.

