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Helios Rudder System Assembly Instructions

1. Place the rudder post on the stern seam of the Helios to check for fit and alignment of holes. It's a little easier to do this when the boat is deflated. Trim the fabric with a sharp knife if necessary.

2. Install the aluminum fin in the rudder post with the rounded edge of the fin forward. The fin should swing freely after it's attached. The fin may be left attached when the rudder is stored.

Assemble using:

- 1 1/4" x 1" machine screw
- 1 1/4" flat washer
- 1 1/4" nylock nut

3. Install the rudder post on the stern seam of the Helios using:

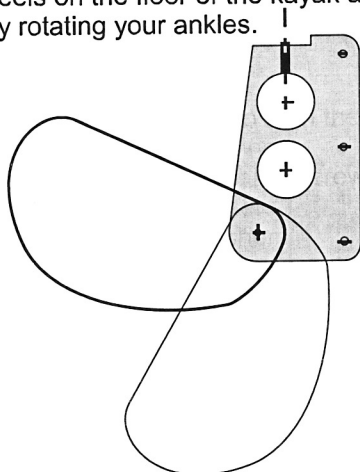
- 3 1/4" x 1" machine screws
- 3 1/4" flat washers
- 3 1/4" lock washers
- 3 1/4" wing nuts

4. Install the tiller bar on the rudder post using:

- 1 1/4" flat washer
- 1 1/4" lock washer
- 1 1/4" wing nut

5. Securely tie the control cords to the tiller bar.

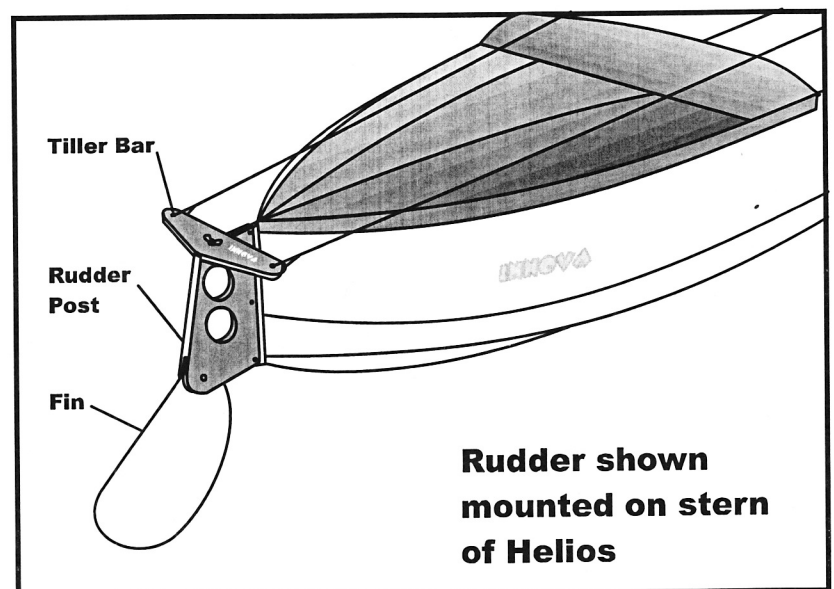
6. Adjust the position of the foot stirrups using the nylon slides. Place each stirrup on the ball of the foot, not on the arch, with a little tension in the lines. Keep your heels on the floor of the kayak and steer by rotating your ankles.



Caution:

Do not use the rudder on the Helios when paddling in fast moving water (conditions above WWI).

Always wear the foot stirrups loosely; do not wear foot gear which make the stirrups tight or difficult to remove.



**Rudder shown
mounted on stern
of Helios**