harmony

Keeper Footbrace Installation Instructions

Contents

2 Keeper footbrace, each
4 14 x ¾" screws
4 ¼ x 5/8" rubber washers

Tools Required

Electric Drill
#2 Phillips Screwdriver
¼" drill bit
Measuring tape and non-permanent marker

Instructions

For kayaks with existing footbraces:

1) Measure the spacing of the mounting holes in the Keeper footbrace rails and compare to the spacing of holes mounting existing footbraces. If spacing is same, remove the existing braces and simply install new pair of Keepers, making sure that the front of foot pedal faces towards the seat.
2) If spacing is different, sit in kayak and judge whether the current footbraces provide the range of adjustment for comfort desired. If so, use one of the existing holes as one mounting point and set second hole based off position in Keepers' footbrace rail. It is necessary to seal the unused hole. This can be done with a short screw, rubber washer, flat washer and nut. Slide rubber washer over shank of screw, insert screw from outside of kayak and capture with flat washer and nut. Tighten securely.

For kayaks without existing footbraces:

1) Sit in kayak with your legs extended in your preferred paddling position. Have a friend hold the footbrace rail against the outside of the hull and moves it until the paddler's foot is centered on the rail. (If you share your boat with a shorter person, you may want to position rail ¾ aft of your foot. If you share with a taller person shift rail so that ¾ of length is ahead or forward of your foot position. NOTE: A flashlight shown from inside the boat may help make the foot position more easily evident to helper on outside of kayak.
2) Adjust height of rail so that rail is at or just below the ball of the paddler's foot. Make mark at this point.
3) Center or align the rail as desired over mark. Mark the two mounting holes on exterior of hull of kayak.
4) Run tape measure from bow to sternmost mark. Remember measurement and go to other side of hull, position end of tape again at stern and measure same distance along hull and mark.
5) Use a convenient hull feature to measure vertical position of sternmost hole marked earlier. Transfer to other side using same hull feature.
6) Put rail against hull with stern mounting hole over mark on hull and mark bow mounting hole.

harmony

7) "Eyeball" the markings on each side to make sure they are consistent with one another both in terms of fore and aft positioning and vertical positioning. Make sure rails run parallel and flat along the hull and are not angled up or down.
8) Once satisfied with inspection, drill at marks with drill mounting ¼" drill bit.
9) Insert screw into hole. On interior of hull, slide rubber washer over shank of screw and snug up tight against hull. Place footbrace rail over protruding end of screw at mounting position with raised tab on end of footbrace furthest from seat. Drive screw into footbrace rail using Phillips head screw driver. Do not tighten securely until after other mounting bolt has been started. Snug up all screws.
10) Leak test holes by putting boat on side and pouring water over screw head. It may be necessary to loosen screw and remove rubber washer to get better seal. Other option is to further tighten any screw mount that leaks.