

The BackSaver by CushGear

Bench Seat Installation

1. The BackSaver mounts with two screws. You must drill a 5/32 inch tap hole the full depth of the screw. Use the BackSaver frame to mark the distance between the two holes. Lay the frame against the back of the bench seat. Center the inside edge and outside edge of the side tubes on the seat and mark two lines with a pencil. Verify that the lines are centered. Remark them if needed. (Fig. 1)
2. Place the curved bushing over the lines so you can see them through the hole. Center the bushing along the wood and use it as a guide to drill the needed pilot holes. (Fig. 2)
Note: It is important that the pilot holes be drilled as centered and straight into the wood as possible. For some rear seats in narrow canoes it may be easiest to remove the seat before installing the BackSaver.
3. Put a washer on each screw and mount the BackSaver. It is best to use a power drill and #3 Phillips bit. A hand screw driver may require a larger pilot hole. (Fig. 3)
4. Mount your strap and buckle on the front support bar by wrapping around the wood and passing the buckle and strap through the center of the cord loop. Pull through until the cord cinches tight on the wood. (Fig. 4 & 5)
5. Pass the strap through the two guides on the back of the frame and down through the tension buckle. Keep the strap flat to avoid any twists. (Fig. 5 & 6)
6. **Sliding seat alert.** The cords must attach to the pole running underneath a sliding seat. Do not mount the buckle or strap to the wood of a sliding seat. It will pull the seat off its mount. You may also need to lengthen the loop for the Buckle so it comes above the seat. (Fig. 7)
7. If properly installed the BackSaver will freely pivot on its hinges and the springs will hold it in an upright position. (Fig. 5) The strap can also be pulled all the way through the tension buckle until the the BackSaver is pulled down flat on the seat for portage or storage. (Fig. 8)

Optional Mounting

Some people like to raise the front edge of a fixed bench seat. Take out the front mounting bolts and add 1/4 to 3/8 inch of washers between the wood and mounting plate.

www.cushgear.com

There is no honor in needless suffering! Go Cush.

