

SATURN INFLATABLE PEDAL KAYAKS

Quick Instructions:

- If not already installed, Rotomolded pedal drive mount need to be bolted to the aluminum bench with the 2 provided stainless steel bolts.
- If not already installed, 2 plastic sliding Locks need to be attached on top of the Rotomolded mount with 2 screws each.
- Next Slide the aluminum bench with the mount installed inside the 2 pouches on top of the kayak tubes, while the kayak is about 50% inflated. Wet the ends of benches in water to make sliding easier or, use a soapy mix if you find it very difficult to slide.
- Please position it in such a way that the mount is in the center of the kayak, aligned with the elongated cut out in the kayak floor. The Pedal drive shaft must be perpendicular to the kayak floor.
- Then remove the Velcro cover, and lower the pedal drive into the opening. Secure it with a strap between 2 x D-rings in front of the opening, so that the motor does not move upward when pedaling. If you need to raise the pedal drive, simply disconnect the straps, and pull the motor out. You can also close the cover and place the motor prop right on top of that cover. But, do not turn the pedals in this position, as that might loosen the bolt holding prop, and the prop can be lost while in use.
- Use straps with double D-rings to secure chair to the kayak's floor. Lower chair is better. Experiment to find the best possible position.
- Generally, the kayak paddle can be used to easily adjust kayak directions, with just a few strokes.
- Or, you can also use the strap with double D-rings at one end of tubes, to secure the paddle and make an optional rudder, if you prefer it that way.

Important Notes on Assembly:

- Fully assemble kayak and pedal drive at home first, before going for an actual water run.
- Make sure all components fit properly. Please check all nuts and bolts to not be loose before first use.

- When the pedal drive is lowered, its shaft should rest against the cut-out front section.
- Pedal drive shaft must be perpendicular to kayak floor.
- If the pedal drive is not perpendicular to the floor, it might be necessary to re-drill new holes on the aluminum bench to adjust the position of the pedal drive a little bit forward or backward. Because inflatable kayaks are assembled manually, one by one, slight variations are possible during production. If that is the case, and the shaft is not under a 90-degree angle to the floor, then all you need to do, is to remove bolts from the motor mount, position it on top of the aluminum bench in such a way that the shaft of the pedal drive is perpendicular to the floor, mark the edge of the motor mount on the bench, and drill 2 new holes to secure the motor mount to the bench. Another option would be to remove the plastic pedal drive mount, rotate it 180 degrees, and then bolt it back to the aluminum bench. Because the distance from the tube to the edge of the mount is different and that might move the pedal driveshaft to the correct position without the need for drilling.

Important Warnings:

- ALWAYS WEAR A PERSONAL FLOTATION DEVICE AND HAVE SAFETY GEAR.
- DO NOT USE A HAMMER DURING THE ASSEMBLY OF THE PEDAL DRIVE. THAT WILL DAMAGE THE GEAR INSIDE THE PEDAL DRIVE AND IT WILL VOID THE WARRANTY.
- NOTE, THAT OUT OF 2 BOLTS SECURING PEDAL CRANKS TO DRIVE, ONE IS A CLOCKWISE BOLT AND THE OTHER IS COUNTERCLOCKWISE.
- INSPECT THAT ALL BOLTS ARE TIGHT AND NOT LOOSE. APPLY OPTIONAL LIQUID LOCKNUT IF NEEDED.
- INSPECT BOLT HOLDING PROP IN PLACE TO MAKE SURE IT IS NOT LOOSE, TO AVOID LOSING PROP IN WATER APPLY LOCKNUT LIQUID.
- APPLY OPTIONAL LIQUID LOCKNUT TO BOLTS TO PREVENT BOLTS FROM BEING LOOSENED DURING OPERATION.
- INFLATE THE MAIN FLOOR TO MAX OF 70KPA(10PSI) INFLATE SIDE TUBES TO MAX OF 25KPA(3.5PSI)
- DO NOT LOAD HEAVY WEIGHT OR SEAT ON A KAYAK WHEN FINS ARE ON THE GROUND. HEAVY LOADS CAN BREAK FINS.
- DO NOT DRAG THE KAYAK OVER PAVEMENT. USE CART OR TROLLEY.
- MAKE SURE TO LUBRICATE PEDAL DRIVE FROM TIME TO TIME.
- PLEASE VISIT WEB PAGE FOR PEDAL KAYAK, AND CLICK ON *ATTACHMENTS* TAB FOR ADDITIONAL MANUALS AND INSTRUCTIONS.