



Dinghy Wheel® Rigid Mounting Instructions

Dinghy Wheel is designed for any portable boat with rigid transom, not exceeding 250 pounds (113 kilo) total weight, including outboard motor.

General Application

- It is very important that brackets are mounted as far apart as possible and in a 90° orientation from the ground. **Fig.1**
- Mount 1/2" (13mm) above extreme bottom of transom, 90° from exact horizontal bearing. Note: bracket has a top and bottom. The word 'bottom' is moulded in. **Fig. 2.**
- Plywood transoms**
 - Use #10 stainless "steel sheet metal" screws.
 - Measure total thickness of transom and bracket flange for correct length screw. Keep screw point just short of protruding through back of transom. **Fig3.**
 - Drill very small pilot hole 3/4 of the way through transom from back(outside).
 - If desired stainless steel bolts may be used for added strength; it isn't considered necessary if correct size sheet metal screws are used correctly.
- Metal or Fiberglass Transoms**
 - If aluminum or fiberglass transom has a plywood back-up support, you may mount as above #3 & #4 at your option.
 - For unsupported transoms (no plywood back-up) use 10/32 stainless steel nuts and bolts. Use bolts that protrude 3/8" (9.5mm) through side of transom. **Fig. 4.**
 - We recommend the use of #10 stainless steel "fender washers" for back-up support on the inside of transom 1"x1"x1/4" (25.5mm x 25.5mm x 6.5mm) square plywood butt blocks can also be used in place of fender washer **Fig.5.**
- Water Proof Seal**
 - We recommend using any brand tub and tile adhesive-seal or regular marine sealant like Polyseam Seal, Boatlife, or Sika-Flex, They can be found in any marine hardware store. Follow directions on tube.
 - Apply sealant in 1/8" (3.5mm) diameter bead a 1/16th the way around all sides of back of bracket; circle holes completely filling sealer rings generously. Note: A countersunk ring bolts hole collects sealant when bracket is tightened down, making a water-tight seal around screw or bolt. **Fig.6 and Fig.7.**
 - Allow squeezed out sealant to harden for 24 hours before peeling off excess around bracket.
- Care and Maintenance**
 - Dinghy Wheel is impervious to all outdoor elements and most chemicals. All metal parts are high grade American made stainless steel and will not just or corrode.
 - Wheels are self-lubricating and maintenance free. If used on sandy beaches, spin wheels in water in down position or hose briefly to dislodge caked sand and salt build up.
 - Do not** use **Do not** wheel boat faster than a walk.
 - Do not** tow from a vehicle.
 - Do not** engage wheels up or down with outboard motor running. To do so could cause injury

