Retractable Wheel Kit Rigid Mounting Instructions

Designed for any portable boat under 12' (3.7m) with a rigid transom, not exceeding 250 pounds (113kg) total weight, including outboard motor.

General Application

1. Mount as far apart as possible and in a 90° orientation from the ground. Fig. 1

2. 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. Fig. 2

3. Plywood transoms
   a) Use 1/4" (6mm) stainless steel fasteners.
   b) Measure total thickness of transom and bracket flange for correct length screw. Keep screw point just short of protruding through back of transom. Fig. 3
   c) Drill a very small pilot hole 3/4 of the way through transom from back (outside).
   d) If desired, stainless steel bolts may be used for added strength.

4. Metal or Fiberglass Transoms
   a) If aluminum or fiberglass transom has a plywood back-up support, you may mount as above #3 at your option.
   b) For unsupported transoms (no plywood back-up) use 10/32 stainless steel nuts and bolts. Use bolts that protrude 3/8" (10mm) through side of transom. Fig. 4
   c) We recommend the use of #10 stainless steel fender washers for back-up support on the inside of transom. 1" x 1" x 1/4" (25mm x 25mm x 6mm) square waterproof plywood butt blocks can also be used in place of fender washer. Fig. 5

5. Waterproof Seal
   a) We recommend using regular marine sealant like West Marine Multi-Gaulk or Silicone Sealant. Follow directions on tube.
   b) Apply sealant in 1/8" (3mm) diameter bead all the way around all sides of back of bracket; circle holes, completely filling sealer rings generously. Note: A countersunk hole collects sealant when bracket is tightened down, making a watertight seal around screw or bolt. Fig. 6
   c) Wipe off excess.

6. Care and Maintenance
   a) The Retractable Wheels are impervious to all outdoor elements and most chemicals.
   b) 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 buildup.

Do not use on boats exceeding 250 pounds (113kg) total weight including outboard motor.

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.