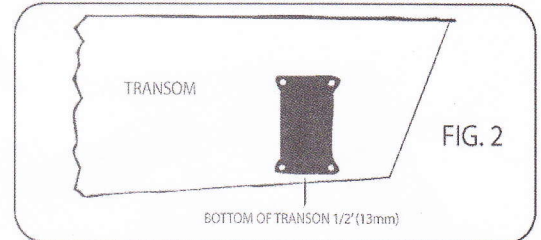
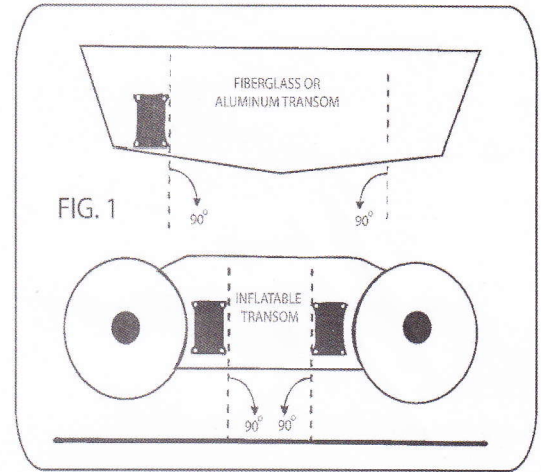
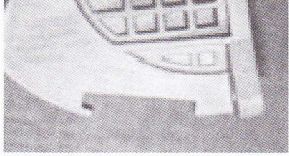


# Dinghy Wheel Installation Instructions

These Dinghy Wheels are designed for portable boats with a rigid transom. We recommend they are not used for boats exceeding 200 Kilos total weight (including outboard motor) or longer than 4 meters in overall length.

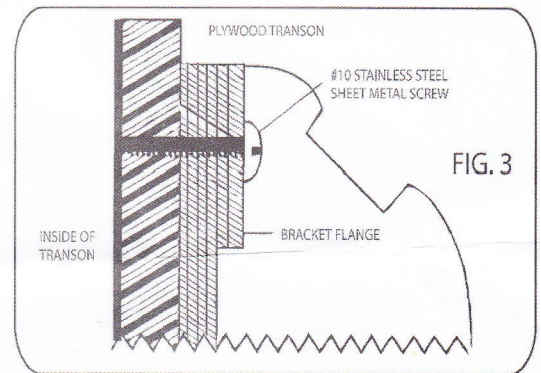
## General Application

- It is very important that brackets are mounted as far apart as possible and in a 90° orientation from the ground. **Fig. 1**
- Mount 15mm above extreme bottom of transom, 90° from exact horizontal bearing. **Fig 2**  
Note: bracket has a top and bottom. The 'bottom position' is shown in the photograph below:



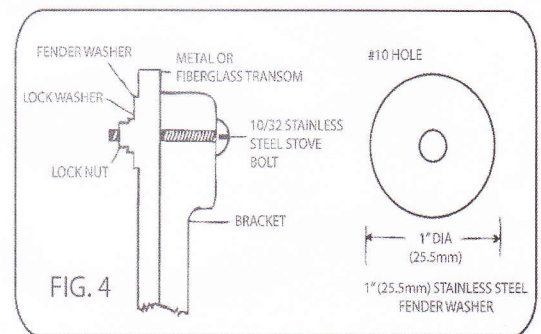
## Plywood transoms

- Use #10 or #12 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. **Fig. 3**
- Drill very small pilot hole 3/4 of the way through transom from the back (outside).
- If additional strength is desired stainless steel bolts may be used for added strength. However it is not considered necessary if the appropriate size sheet metal screws are used correctly on a transom that is in full working order.



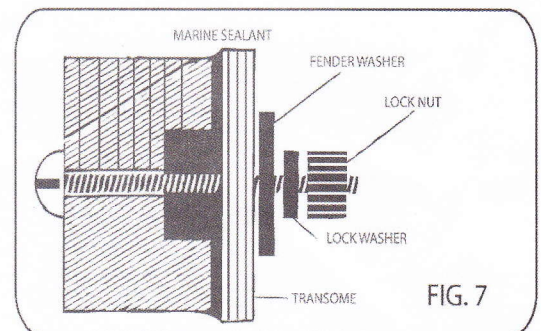
## Metal or Fibreglass Transoms

- If aluminium or fibreglass transom has plywood back-up support, you may mount as above # 3 & # 4 at your option.
- If there is any concern about the overall strength and integrity of the transom we recommend the use of 1/4" stainless steel nuts and bolts. Use bolts that protrude 9 to 10mm) through side of transom See **Fig 4**.
- We recommend the use of #10 or #12 stainless steel "fender washers" for back – up support on the inside of transom 1" x 1" x 1/4" ( 25.5mm x 25.5mm x 6.5 mm ) square plywood butt blocks can also be used in place of fender washer. **Fig. 5**



## Water Proof Seal

- We recommend using any reputable waterproof silicon sealant developed for marine use. They can be found in any marine hardware store. Follow directions on tube.
- Apply sealant in 3.5mm diameter bead all the way around all sides of back of bracket. Ensure the countersinking around the four holes used for the mounting bolts is also filled with sealant. When the bracket is tightened down the sealant in and around these holes will form a water tight seal. However as an added precaution we recommend applying additional sealant into the holes in the transom. **Fig. 7**
- Allow squeezed out sealant to harden for 24 hours before trimming off excess around bracket.



## Care and Maintenance

- Dinghy Wheel is impervious to all outdoor elements and most chemicals. All metal parts are high grade stainless steel and will not rust 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.

## IMPORTANT

These wheels are not recommended for use on boats exceeding 200 kilos total weight including outboard motor.  
Do not wheel boat faster than a reasonable walking pace.  
Do not tow from a vehicle.  
Do not move wheels up or down when the outboard motor is running. To do so could cause serious injury.

