

INSTALLATION INSTRUCTIONS FOR CENTRAL TILLER

(for boats supplied before Dec 2005)

Central tiller will free the cockpit area and allow a wider gyration angle.

Will be supplied :

- 1 tiller axis
- 4 gudgeons
- 1 curved black anodised aluminium tiller
- 2 tiller connections
- 2 rudder axis
- 2 rudder blades
- screws



- 1) Remove the screws and dismantle the pintles.
- 2) Mount the gudgeons with the supplied screws. After you sanded and cleaned with acetone the both surfaces (stainless steel and gel coat) , use some polyurethane seal to ensure the watertightness and better fixation.

3) Prepare the fixation of the support bar by marking the center of the cockpit.

The pre-holes must have a diameter of :

3 mm for the 4 screws on the cockpit

4 mm for the 4 screws on the table.

It is strongly recommended to get the surfaces cleaned and prepared (degreasing - sanding-degreasing-w/ acetone,) then bond the parts with polyurethane or better, epoxy (eg ARALDITE or equivalent)

When you firmly tightened the screws, clean the excess glue.



4) Make sure that the gudgeons are firmly bonded before installing the tiller. Use some 'someThreadlocking - Low Strength LOCTITE', then Tighten the two nuts. The tiller should operate with little friction but not play.

5) Install rudders once the boat is launched.

6) Once rudders blades are parallel, tiller connections can be screwed. The two nylstop nuts will serve as a benchmark.



7) IMPORTANT : flexible seals are carried out by a clip that is not symmetrical. It is imperative to have them properly installed



WRONG

RIGHT POSITION



8) Outboard engine support - if any - has to be moved 170mm to the right.

No specific plugs were installed in this location;
This can only be made by a yard under PHILEAS instructions.