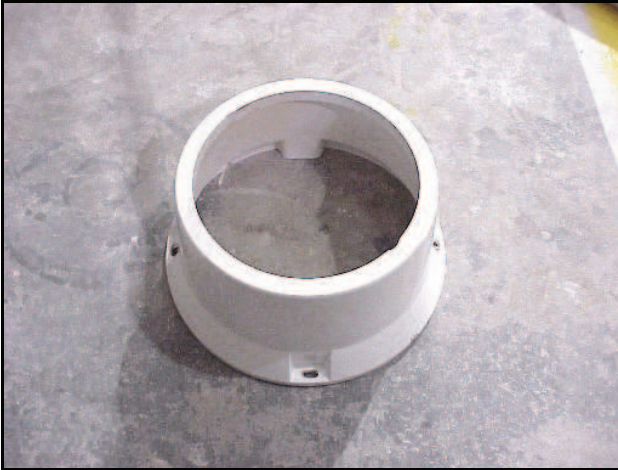


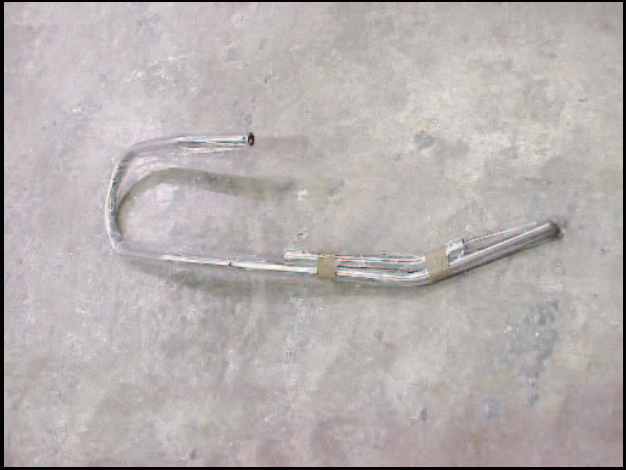
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ABOVE DECK KIT PARTS



Compass housing



Guardrail

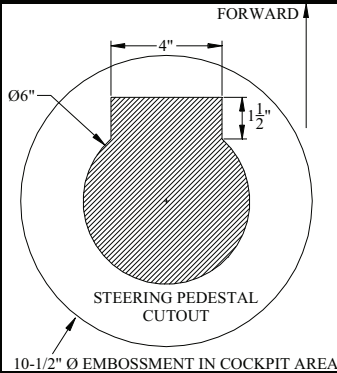


Steering lock

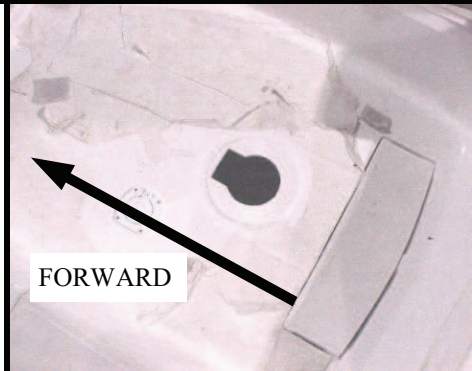
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STEERING PEDESTAL CUTOUT



1. The steering pedestal will sit on the 10-1/2" circular embossment in the center of the cockpit area. Part of the embossment will need to be cutout so cables and wires can pass thru. Drill a 6" hole in the center of the embossment then cut a notch on the forward side of the hole so it is 4" wide and 1\1/2" from the 6" hole and the forward edge of the notch (see drawing).



STEERING PEDESTAL INSTALLATION

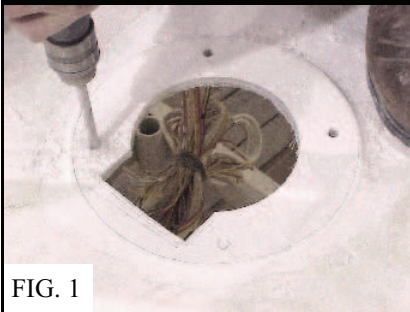


FIG. 1

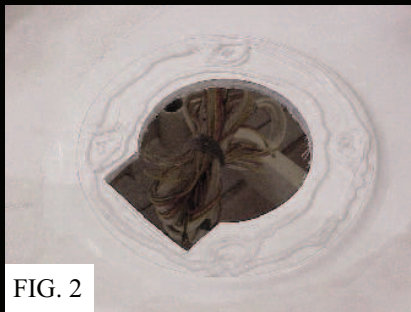


FIG. 2



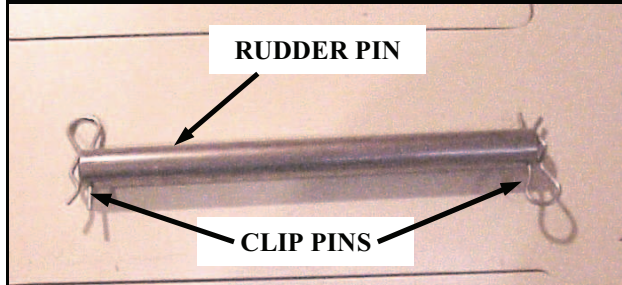
FIG. 3

1. Center the steering pedestal on the embossment so the steering wheel shaft faces directly aft. Mark the mounting hole locations then remove the pedestal and drill the marked locations with a 3/8" drill bit (Fig. 1).
2. Clean the deck and hardware with alcohol then caulk around the edge of the embossment where the pedestal will sit, in and around the mounting holes, and around the center hole with 739 white caulk (Fig. 2).
3. Position the pedestal on the embossment then bolt the pedestal to the deck using 3/8-16 x 2-1/2 flathead screws, fender washers, lock washers, and 3/8-16 hex nuts (Fig. 3)
4. Clean up excess caulk with alcohol.

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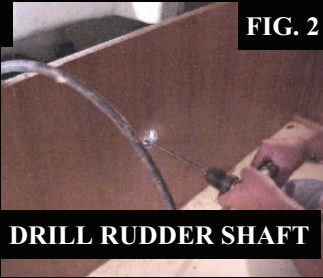
RUDDER PIN INSTALLATION



DRILL ACCESS HOLE



FIG. 1



DRILL RUDDER SHAFT

FIG. 2

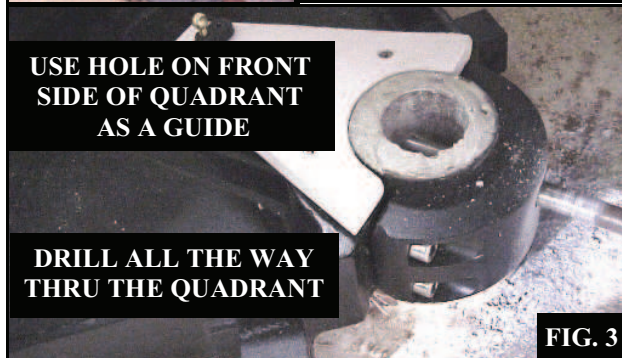


FIG. 3



FIG. 4

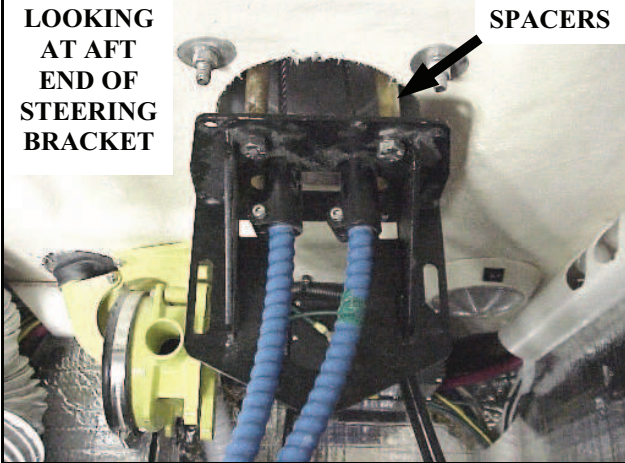
1. Before drilling the hole in the rudder shaft make sure both the rudder and the quadrant are centered port to starboard and the quadrant is clamped well onto the rudder shaft (never use more than 30 ft.-lbs when tightening the quadrant screws and tighten evenly).
2. Drilling the rudder shaft for the rudder pin will need to be done from inside the Q-berth area. A hole will need to be cut in the aft kickboard to have access to the rudder shaft.
3. From the large access cutout in the aft kickboard measure down along the aft side of the kickboard to the level of the hole in the quadrant that the rudder pin will go thru. Transfer this measurement to the forward side of the kickboard then drill this location with a 1-3/4" holesaw (Fig. 1).
4. Using the hole in the quadrant as a guide, drill a 5/8" hole all the way thru the rudder shaft and out the other side of the quadrant (Fig. 2 & Fig. 3).
5. Take the clip pins out of the rudder pin (Fig. 1) then slide the rudder pin thru the hole in the quadrant and rudder shaft. Replace the clip pins (Fig. 4).

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STEERING BRACKET TO STEERING PEDESTAL INSTALLATION

LOOKING AT AFT END OF STEERING BRACKET



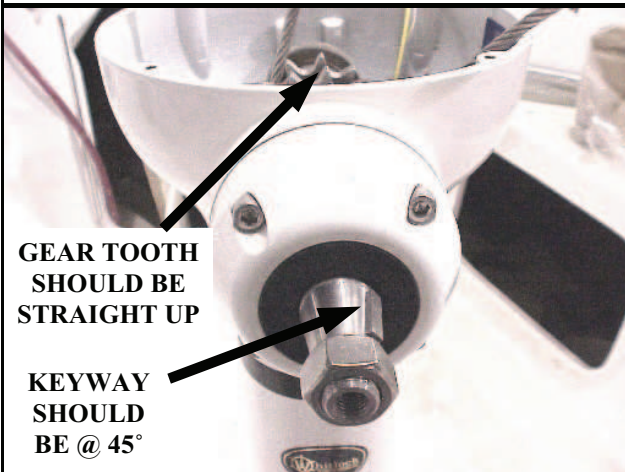
SPACERS

1. After the boat has been decked the steering bracket can be attached to the bottom of the steering pedestal. In the below deck steering kit is a bag of bolts, spacers, and lockwashers to be used to attach the two components together.
2. The steering bracket will be attached to the steering pedestal so the gussets on the bracket are aft. Place the spacers provided in the kit between the bracket and the pedestal then secure them together with the bolts and lockwashers that come in the kit.

STEERING CHAIN TO CABLE INSTALLATION

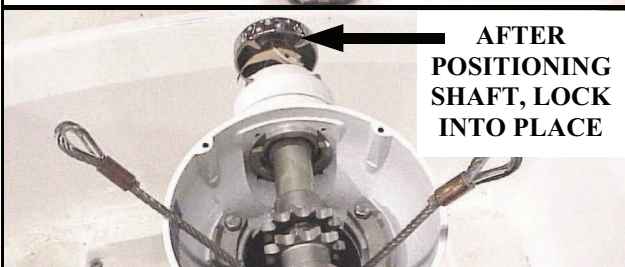
GEAR TOOTH SHOULD BE STRAIGHT UP

KEYWAY SHOULD BE @ 45°

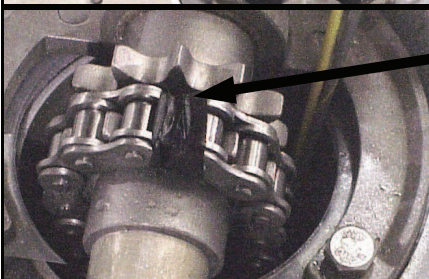


1. Standing aft of the steering pedestal rotate the steering shaft so the keyway is approximately 45° to the right of top. One of the gear teeth should be pointing straight up. Screw the steering lock into place to lock the shaft.
2. Pull the stainless steel cable up thru the steering pedestal out their respective sides of the gears.
3. On both ends of the steering chain are master links which have a roller bushing on one of the roller pins. These roller bushings are what the loop in the stainless cable will ride on.
4. Mark the center of the steering chain then remove the retaining clips and side plates on the master links at each end of the chain. Put the master links and roller bushings thru the loop at the ends of the cables then reattach the side plates and retaining clips to the master links.
5. Pull the cables down thru the pedestal so the center of the chain is at the top of the gears on the steering shaft.

AFTER POSITIONING SHAFT, LOCK INTO PLACE



MARKED CENTER OF CHAIN GOES OVER THE TOP TOOTH ON THE AFT GEAR



ROLLER BUSHING

SIDE PLATE

RETAINER CLIP

