

Kit Includes:

- A 2 Poles
- B 4 Pole Tips
- C 8 Stainless Steel machine bolts
- 8 Stainless Steel lock nuts for "C"
- D 2 Stainless Steel base Plates
- E 2 U-Bolts
- F 4 Half-Nuts (preinstalled on "U" bolts)
- G 4 Lock Nuts
- H 8 3/8" x 3" Lag Bolts
- I 4 5/16" x 3" Lag Bolts & washers
- J 2 Snap Lines, includes 2 shackles
- K 2 Cleats

TOOL LIST

- Measuring Tape
- Box End Wrenches
- Phillips Screw Driver
- Socket Wrench Set
- 3/16" Drill Bit
- Electric Drill (preferably cordless due to working around water to avoid the possibility of electric shock)
- Hack Saw

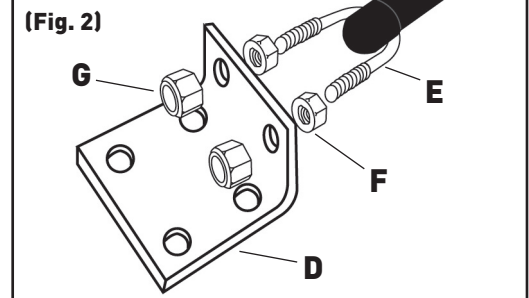
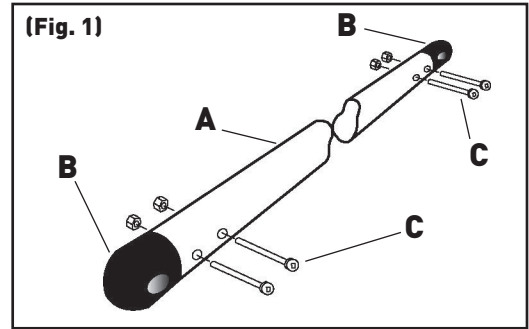
Mooring Arm Assembly

Step 1 (Fig. 1)

Insert one pole Tip (B) into each end of each pole (A). Align holes in pole (A) and pole tip (B) and insert Machine Bolt (C) through the pole and pole tip. Install Locking Nuts and tighten until firm only.

Step 2 (Fig. 2)

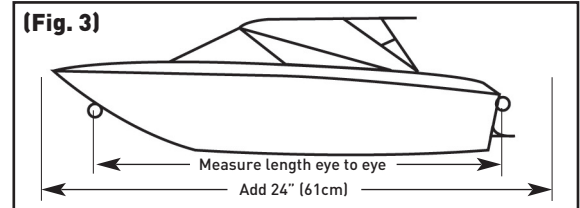
Insert U-Bolt (E) through one of the assembled pole tips as per Fig. 2 (which end does not matter). Insert U-Bolt into Base Plate (D) as per Fig. 2 and secure to the Base Plate (D) with Lock Nuts (G). Repeat this procedure for the remaining assembled mooring arm and Base Plate.



Installing your new Mooring Arms

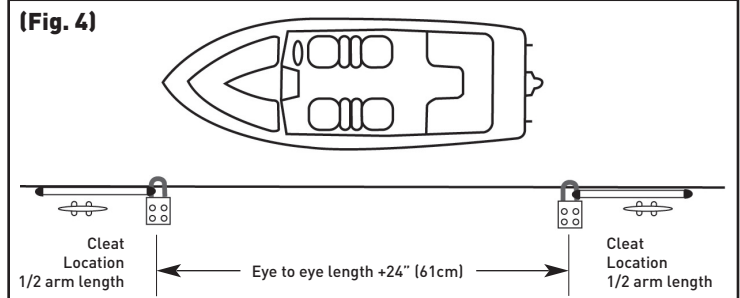
Step 1, Preparation (Fig. 3)

Measure the distance from the bow eye to stern eye of your boat. Add 24" (61cm) to this measure. The total measure is the distance that the mooring arms should be mounted apart from each other on the dock.



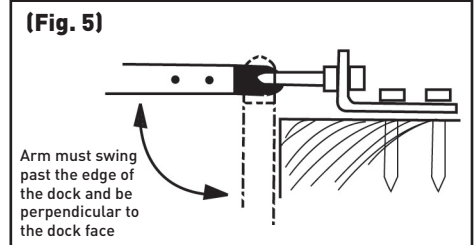
Step 2 (Fig. 4)

Based on the total measurement determined in step 1, choose a suitable location on the dock for mounting the mooring arm bases. Mark these locations, the total distance apart from one another.



Step 3 (Fig. 5)

Note: It is preferred Not mount the base plates in a location where dock bumper profile is used. This may result in securing the base plate too close to the edge of the dock and result in insufficient fastening to the base plate. If it is necessary to secure the mount the base plates where dock profile is present, the profile should be removed from the immediate area where the base plate is to be mounted. Place the bow Base Plate approximately 1" (26 mm) from the edge of the dock as shown in Fig. 5. The mooring arm should hang freely over the edge of the dock without touching the dock. Mark the lag bolt locations (4) onto the dock surface. Drill 3/16" pilot holes for lag bolt installation at each and fasten the base plate to the dock with Lag Bolts (H). Repeat the procedure for the Stern Base Plate.



Step 4, Cleat Installation (Fig. 4)

Move the bow and stern mooring arms around the U-Bolts and lay them pointing bow and aft respectively, parallel to the docks' edge as per illustration Fig. 4. Attach a cleat (K) at a distance approximately 1/2 the length of each mooring arm from the mooring bases, Fig. 4.

Step 5, Securing your craft and adjustment of mooring arm length (Fig. 6)

Floating Dock Installations:

Correctly installed in a floating dock installation, the boat and dock with both rise and fall with water level variations. In all floating dock installations the MINIMUM distance from craft to dock should be NO LESS that 12" (31cm).

