1- INSTALLING THE MOORING WHIP BASES

Moorings require a firm, secure footing for mounting.
- The recommended location for mooring whips is on the side of the dock, which is most protected from winds. This is preferable to cause the boat to stay clear of the dock rather than be forced towards it.
- Locate the cast aluminum bases 4-5" from the edge of the dock.
- Align the whip bases with their respective cleats on the bow and stern of the boat making sure that the whips are perpendicular to the edge of the dock.

2- WHIP ASSEMBLY (where applicable)

Models 3400, 3450, 3600, 3650, 3800 & 3850 are two part assemblies. Carefully follow the instructions for 2-part assemblies. (See Fig. #2)

- With a threading motion turn the top portion of the mooring whip into the base and tighten until it is fully seated. Approximately 18 inches of the upper section should be retained inside the lower section of the whip assembly.

3- WHIP MOUNTING & PREPARATION

- Whip the lines over the line rollers at the tips. Ensure whip tip rollers are parallel to the dock surface. (Fig. #3)
- Insert the whip into the base, making sure the whip is fully seated in the base and so that the whip line is hanging straight down. OR for models incorporating a tip pulley, align the pulley so that it is perpendicular to the dock surface. (Fig. #3)

4- INSTALLATION OF WHIP LINES

- Tie off the dock side end of each whip line to the pole or base cleat, Fig. #4 making sure there is sufficient excess line at both ends to allow for tie off of the boat with the tensioner, and release of line tension at the dock.
- To adjust for proper tension on the mooring whip lines slip the loops from the lines through the bow and stern cleats of the boat. Using the sliding tension adjuster, place enough tension on the line to just pull the whip tip down. (See Fig. #5 & #6)

Moorings and dock lines should be adjusted periodically to compensate for these variations. Failure to make adjustments to spring and whip line tension in such conditions may result in damage to the whips and void the manufacturers warranty, see Fig. #5 3. Adjustments are seldom necessary on floating docks, as the dock and boat will rise and fall accordingly. Alternatively, Moorings with a rocker base (models 3450, 3650 & 3850) may be installed for such applications. The rocker base should adequately adjust for tidal variations that could exceed the abilities of whips with a rigid non-pivoting base.

INCORRECT INSTALLATIONS

Under no circumstances should any mooring whip be installed with an excess of tension as shown in these diagrams. Doing so will affect the mooring whips ability to protect your water craft and will void the manufacturers warranty.
Stern Cleat

INSTALLATION OF SPRING LINES

Fig. 8

Cast Aluminum Base

See “A”

Optional

Bow Cleat

Bow Line

Optional Bow Line

Dock Cleat

Optional Stern Line

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®

Sample Base Cleat Tie-Off

1- Instruction sheet

Larger

ASSEMBLY (where applicable)

Refer to the illustrations below for proper configuration and spring line placement.

EACH DOCKING

The boat should be located in a location that remains above freezing such as a basement or heated garage.

For answers to your questions or to enquire about other Dock Edger products, call or fax us at:

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“V” Method - Whips & Whip Lines Not Shown

Fig. 9

“M” Method - Whips & Whip Lines Not Shown

Fig. 7

“For a sure and secure tie-up, the distance from the dock to the farthest spring line should be less than 3.5 times the length of the whip line in feet. If the whip line is removed from the dock, the distance may be increased. However, the distance should not exceed 4.5 times the length of the whip line in feet. The whip line should be tied off at a low point to keep the bow and stern lines from pulling out of the dock.

Fig. 10

Bowline Knot

1- Form a loop

2- Pass eyes over the loop

3- Loop the end around the main rope

4- Pull tight

IMPORTANT: When spring lines have been cut to length, seal the cut ends of the lines with a flame (lighter, match or small torch) to prevent fraying.

WINTER STORAGE: For winter storage remove the whips from the aluminum bases only. Leave the aluminum bases mounted to the dock. Two (2) piece whip assemblies can be separated into the upper and lower halves for more compact storage. It is recommended that whips be stored in a location that remains above freezing such as a basement or heated garage.

Your Premium 9ft Ultimate Whip Kit includes the following parts and materials:

2- Whip poles
2- Whip lines (AR) Spring line - Washers for base)
2- Locking screws (for base)
2- Cleat Asy’s (2pc)
2- Line Tensioners
2- Screws & Nuts (for cleat ass’y)
1- Optional whip tip pulley
1- Optional base cleat

 care of the dock through the whip line to the dock cleat. Use a whip line that is longer than the length of the dock.