

## Cleaning instructions

To clean the antenna, use mild dishwashing liquid (one that is not harsh to the hands and without ammonia) in lukewarm water. **WARNING:** Do not let paint solvents, cleaning solvents, or adhesive caulking come in contact with the antenna. Chemicals in these materials might destroy the finish.

Thank you for choosing a Shakespeare Phase III antenna product. Shakespeare works hard to build reliability and durability into all of its products for maximum customer satisfaction. Customer comments are welcome.

<b>FOR YOUR RECORDS</b>	
Antenna Serial # _____	
Model _____	
Date of Purchase _____	
Shakespeare Dealer _____	

**Shakespeare**

### Electronic Products Group

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**Shakespeare Company, LLC is a subsidiary of Jarden Corporation (NYSE: JAH)**

# Shakespeare® PHASE III™

## Style 6390 18' 4" SSB

### Installation Instructions

#### **IMPORTANT: Please read all instructions before installing.**

Before you start, check parts supplied against those listed.

#### **Antenna assembly includes:**

- 1 Antenna base section
- 1 Antenna tip section
- 2 Rubber O-ring
- 1 1"-14 thread adapter
- 1 Coupling nut
- 1 Grommet plug

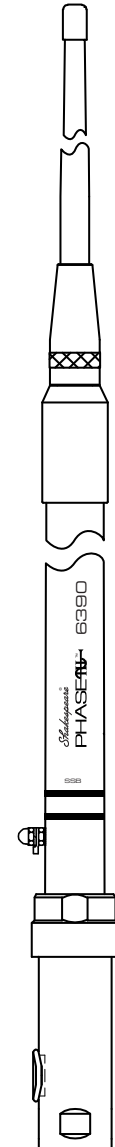
#### **Tools required:**

Screwdriver, drill, drill bits sized according to the cable you are using, adjustable wrench

Other tools or supplies that are appropriate to your specific application may also be needed.

#### **Additional required materials:**

- 1 U-bolts, stainless steel strapping and appropriate hardware, if mounting the antenna to a mast



35-90-1479-00

The Style 6390 is a Phase III® series HF/SSB Marine antenna of 18' 4" overall length, including the 1"-14 thread adapter. The two-section, side-fed antenna has stainless steel ferrules and a side feed termination stud. Its conductors run the full length of the antenna sections, and the antenna's insulating properties will support input power up to 1 KW. The design of the Phase III antenna series facilitates mounting to a mast or attachment to a standard marine mount.

### Select a location for the antenna.

Choose a location that is as free as practical from obstructions, and as far as possible from other antennas and strong sources of RF. Cable runs should be kept as short as possible.

### How to mount the antenna to a deck or bulkhead, using a marine mount:

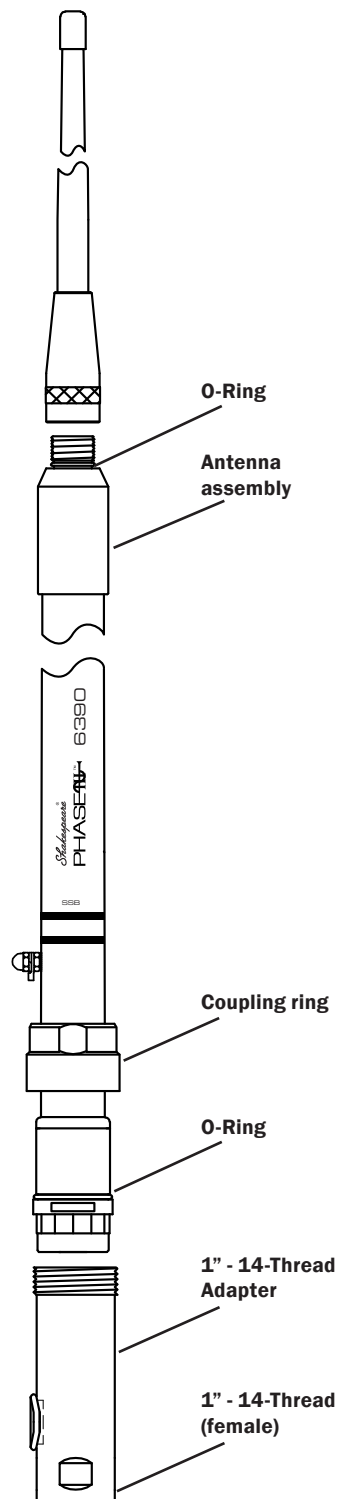
The recommended mount is a Shakespeare Style 409-R or 410-R Stainless Steel Mounting Kit (each sold separately). Use the 1"-14 thread adapter (supplied) to attach the antenna to the mount.

### Assemble the antenna sections as follows:

1. Remove the tape that holds the tip section of the antenna to the base section during shipping.
2. Inspect the O-ring to be sure it is seated in the bottom groove of the base section's upper ferrule. Thread the tip section onto the base section's upper ferrule and tighten.

### Mounting the Antenna to deck or bulkhead:

1. Use a Shakespeare Style 409-R or 410-R Mounting Kit (each sold separately) to install the antenna on your boat. **Install the mounting kit's stand-off bracket at least 4 feet above the antenna's base where possible.** Follow the directions included with the mount you choose.
2. Bolt the mount to the deck or bulkhead according to the directions included with the mount you choose. Be sure to heed any cautions, included with the antenna mount, regarding drilling fiberglass surfaces.
3. Thread the 1"-14 thread adapter onto the mount and tighten.
4. Proper ground plane (counterpoise) is necessary for maximum performance of the antenna. It is suggested that a qualified marine technician be used, to insure proper installation.
5. Place the rubber O-ring in the groove on the antenna ferrule.
6. Seat the antenna ferrule on top of the 1"-14 thread adapter and tighten the coupling ring securely. The adapter has special facets to prevent the antenna from rotating once the coupling ring has been tightened.



### How to mount the antenna to a mast

1. Strap the thread adapter to the mast using stainless steel U-bolts, a mast mounting device, or strapping and appropriate hardware (not supplied).
2. Place the rubber O-ring in the groove on the antenna ferrule.
3. Seat the antenna ferrule on top of the thread adapter and tighten the coupling ring securely. The adapter has special facets to prevent the antenna from rotating once the coupling ring has been tightened.

### Completing the installation

1. Follow the radio manufacturer's instructions for connecting the antenna to your SSB equipment.