

Thank you for purchasing a Shakespeare antenna product. Customer comments are welcome. Before installing, please study the diagram and check parts supplied against those listed.

**IMPORTANT! Please read all instructions before installing.**

The Style 5242-A is a end-fed 1/2-wave, stainless steel antenna of low-profile design with a removable 36" whip. Its element is a hermetically sealed, tin-plated copper wire coil. The antenna comes with an L-shaped bracket for mounting, or it can be mounted directly to any flat surface up to 3/8" thick.

**Tools required: Drill and drill bit for 5/8" dia. mounting hole or mounting screw pilot holes, crescent wrench or large pliers.**

### Installation Instructions

Choose a mounting location that is as high as feasible, as free as possible from obstructions, and as far as possible from other antennas and strong sources of RF. The recommended mounting is via the supplied L-shaped bracket (Step 1b below). However, the antenna can also be mounted directly to a flat, horizontal surface (Step 1a) up to 3/8" thick. The antenna requires no external or internal ground system, and works equally well on fiberglass, wood, or metal boats without additional insulation from the mounting surface.

Note: When drilling fiberglass, use metal-drilling bits, not wood-boring bits. Place a small block of scrap wood behind the surface during drilling, if possible, to reduce fraying of the fiberglass as the bit passes through.

#### Mounting directly to a flat surface

**1a.** Drill a 5/8" diameter hole in the mounting surface.

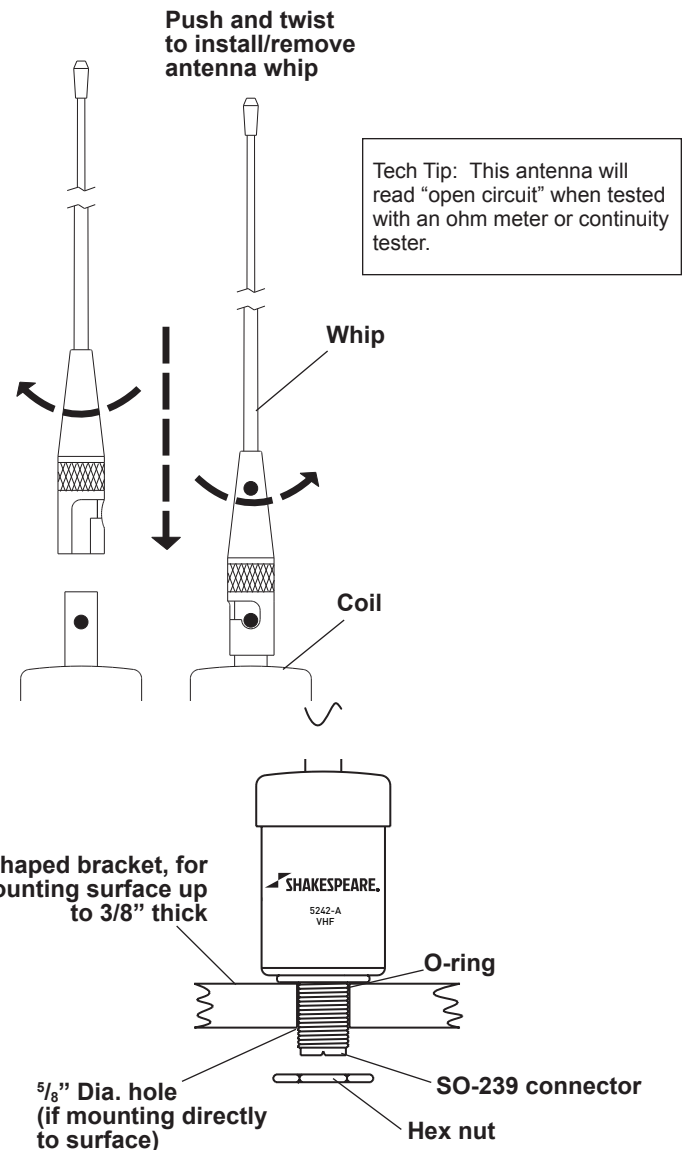
#### Mounting with the included L-shaped Bracket

- 1b.** Using the bracket as a template, mark the location of the mounting holes to be drilled. Drill pilot holes and attach the L-shaped bracket to the mounting surface using appropriate hardware (not supplied). Be sure to use stainless steel screws or other hardware.
- Assemble the antenna, O-ring, and hex nut to either the mounting surface or the L-shaped bracket, as illustrated at right. Tighten securely.
  - Route at least 3 feet of 50-ohm cable (sold separately) to your transceiver, keeping it as far as possible from other electrical equipment and cables. Any excess cable should be rolled in a coil of at least 8" diameter and stowed in an out-of-the-way place away from other electrical cabling. Attach PL-259 connectors (sold separately) and connect the cable.

### Supplied Parts

- 1 Antenna base unit with stainless steel whip
- 1 Hex nut
- 1 O-ring
- 1 L-shaped bracket

The antenna's whip can be quickly removed or installed by first pushing the whip toward the antenna base and then turning it, as shown the illustration. Turn clockwise to install, counterclockwise to remove.



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