

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 5247-A is a base-load antenna with a heavy-duty, 36" stainless steel whip that lifts - and - lays down, out of the way for fishing, trailering, boat covers, or storage. Its element is a sealed, tin-plated copper wire coil in a sturdy metal canister.

Tools required: Drill and drill bit for 5/8" dia. hole, 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 1/2" 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

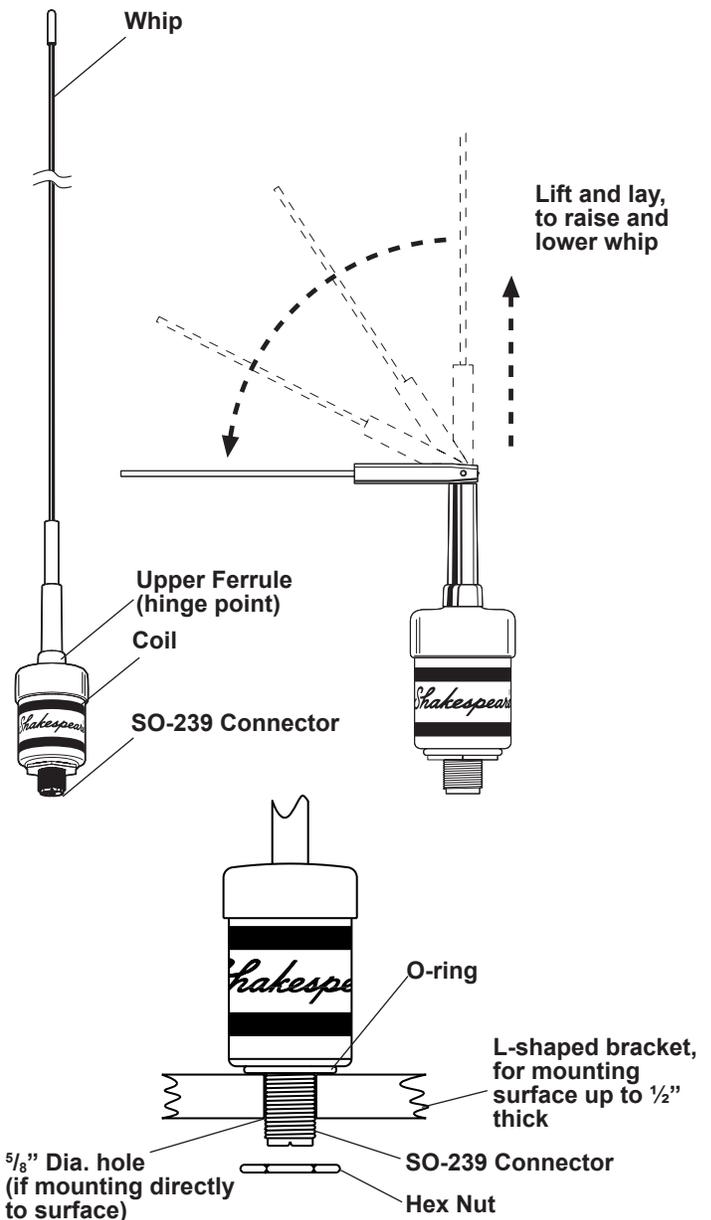
1a. Drill a 5/8" diameter hole in the mounting surface.

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.
- 2. Assemble the antenna, O-ring, and hex nut to either the mounting surface or the L-shaped bracket, as illustrated at right. Tighten securely.
- 3. 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.

For unobstructed fishing or trailering, the antenna's whip can be easily folded out of the way. Simply grab the whip by its upper ferrule and lift. **Do not pull on the whip itself.** Then fold it over at its hinge point, so you can lay it down. Lift it and snap it back into the upright position when needed.

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



Tech Tip: This antenna will read "open circuit" when tested with an ohm meter or continuity tester.

Shakespeare Electronic Products Group

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