



## Installation Instruction

## ECO Spring Mount

Models covered include: ECOS5-2400, ECOS6-2600, ECOS6-3500, ECOS6-4900, ECOS6-5500, ECOS9-4900 & ECOS9-5500.

### Models covered

Mobile Mark ECO Spring antennas are Omni-Directional and are designed to be mounted on vehicles driven at high speed with the antenna being able to deflect if hit by overhead obstructions.

### Installation guidelines

The antenna is made with a SMA Jack (Female) connector at its base. The matching cable may be mounted to the antenna prior to insulation so that only limited access is necessary to the mounting surface under the antenna. The ECOS Series antennas are mounted using a 3/4in (19.05mm) diameter hole. The antenna may be mounted to a metal or nonmetallic surface. If the antenna must be mounted in the vicinity of other systems antennas, keep it away from the other antennas by at least 6in (153mm).

### Installation steps

To mount the antennas, a hole must be drilled or punched into the surface. Make sure the top and bottom of the mounting surface is clean and flat.

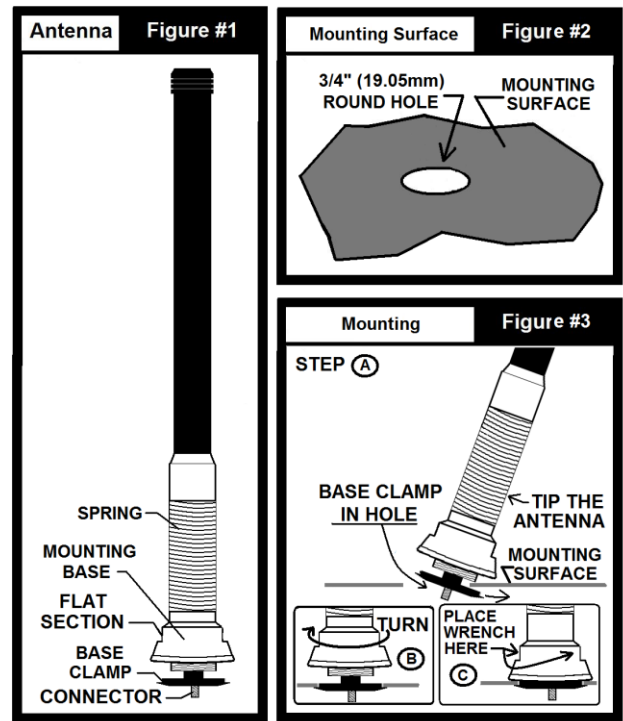
#### TOOLS & MATERIAL SUGGESTED

- Hole Saw 3/4" [Mobile Mark Inc ACC-HSK19] or hole punch
- Center Punch
- 1 1/4" (31.75mm) Wrench
- Cable Ties

Turn the Mounting Base counter clock wise to raise this part of the antenna exposing the threads underneath, see Fig #1. Place the antenna over the hole sown in Fig #2. Using Fig #3-A as a guide, tip the antenna and feed one side of the Base Clamp into the hole. Tuck the Mounting Surface between the Base Clamp and antenna as shown. Pass the other side of the Base clamp through the hole as shown in Fig #3-B. Move the antenna to the center of the hole as in Fig #3-B. Then turn the Mounting Base clockwise to press the Mounting Surface between the Base Clamp and Mounting Base as shown in Fig #3-C. Tighten the Mounting

Base with a Torque Wrench 1.25in (31.75mm) using the two flat parts of the Mounting Base. 5 ft-lbs (6.8 Nm) of torque should be used. Tape on the Mounting Base flat parts will protect the antenna part from being marred.

Feed the cable to the equipment.



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