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Pace P5647 Owner's Manual

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PACE P5647 (REV. A)
TRUNK EDGE-MOUNT MOBILE ANTENNA
25-30 MHz

The PACE P5647 Antenna is designed for Citizens Band (CB) or Business Band use in the 25-30 MHz range, and has a 100 watt power limitation. The antenna will provide good reception for (27 MHz) when assembled as described in these instructions. For Business Band tuning, adjust the whip length using a through-line RF wattmeter.

NOTE The P5647 is a grounded antenna and will indicate a DC short from whip to ground.

INSTALLATION

Select the desired antenna mounting position at the edge of the trunk, as close to the rear center as possible.

NOTE On certain automobile models, particularly on "fastbacks," when this antenna is installed in the center of the trunk edge, part of the antenna may strike the rear window or other part of the vehicle when the trunk lid is opened. To avoid this, the antenna may be installed off-center or on the side of the trunk lid. Position antenna with the trunk lid raised to insure proper placement.

1. Unscrew the loading coil from the snap-in base (Figure 1) and temporarily set the coil aside.
2. Install rubber washer (B) on the bottom of the mounting cup. Make sure it covers the entire lip to prevent accidental scratching of the car's surface.
3. Remove the inner screw assembly (Figure 2) from the snap in base. Then remove the nut, sleeve and washer from the assembly.
4. Strip the end of the coaxial cable to the dimensions shown in Figure 3.
 - a. Remove 1 1/2" of the outer cable jacket.
 - b. Cut off 1 1/4" of the braided shield leaving 1/4" exposed.
 - c. Remove 7/8" of the inner insulation.
5. Insert the stripped end of the cable through the center of the inner screw assembly.
6. Push the inner screw assembly through the mounting bracket and mounting cup. Insert the washer from the bottom to lock the assembly in place.
7. Push the sleeve onto the cable from the top.
8. Using a scribe or awl, flare out the 1/4" of braid so that it lies perpendicular to the cable.

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3. Hook the clamp bracket over the edge of the trunk lid (see illustration below) and tighten the set screws using the allen wrench supplied. When closing the trunk lid, position the cable behind the clamp bracket to avoid pinching the cable.
4. Insert the whip assembly into the adapter and secure by tightening the set screw using the allen wrench supplied.

Apply a silicone grease compound (available from dealers) on the threaded portions of the antenna assembly. This will protect the antenna from damage due to inclement weather, and simplify any future disassembly if required.

