

## 44-UT91 INSTALLATION INSTRUCTIONS

Prior to installing the antenna please read the complete installation instructions.

Use the original hole or select a location on the fender for mounting the antenna. In selecting the location, make sure the underside of the fender is free from any obstructions such as braces, brackets, sub-fenders or car wiring. Also be sure that there is sufficient clearance for the antenna. (about 3" / 80mm)

A 3/4" / 19mm hole is required to top mount this antenna. If a new hole is required, a 1/8" / 3mm pilot hole should be drilled, then enlarged with a hole saw or drill.

Remove all burrs, paint, road dirt or undercoating from around the underside of the hole.

Disassemble the base from the bushing. Leave the mast attached to the bushing.

With the mast attached to the bushing, install the bushing through the hole, cable first, from the top of the fender. Lean the mast at approximately a 45 degree angle in the hole.

Drop the retainer over the mast. Slide and rotate the retainer so that the gap in one end of the retainer fits over the fender allowing it to fit through the fender hole and then drop onto the bushing below with the serrated side down. Pull the bushing and the retainer back up through the hole by the mast so the gap between the rounded ends of the retainer is under the highest part of the fender and the two square ended legs are projecting through the hole.

The retainer should hold itself to the fender while the bushing is lowered back under the fender about 1/2" / 13mm. (If the retainer does not hold to the fender pull up on the mast to hold the retainer in place).

Assemble the base above the fender and slide it over the mast. Position the leg of the base with the gasket attached so that it will fit through the hole and into the high end of the retainer. Adjust the dome cap so that it covers the hole in the base. Screw the nut onto the bushing finger tight only.

Position the mast vertically, be sure the retainer is resting evenly on the bushing. Tighten the nut securely, about 1/2 turn, but **DO NOT OVER TIGHTEN THE NUT** as this **WILL** damage or destroy the retainer and the antenna will not stay in place.

If replacing an existing antenna, note the antenna cable routing. You may be able to use old antenna cable to pull the new cable to the radio area. If this is a new installation, route the cable to the radio area avoiding the engine compartment. The electrical noise found in this area may be transmitted into the antenna cable. If noise is present, use the Metra Electronics ANFL antenna noise filter to eliminate any noise.