



"Beyond Your Expectations"

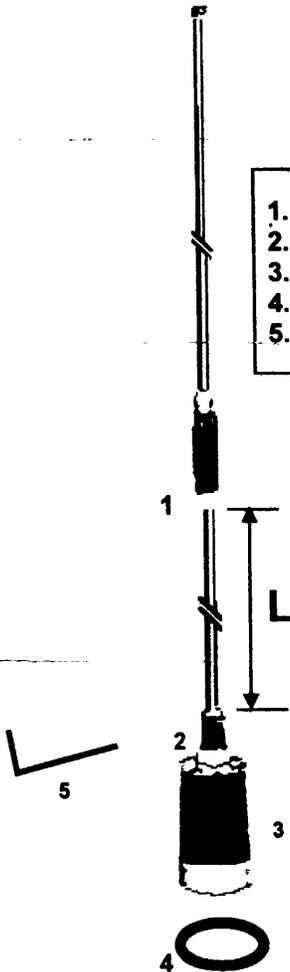
INSTALLATION INSTRUCTIONS

Model:

LMG-450-5

**UHF 5 dB
Motorola (NMO) Style
Mobile Antenna**

1. Tip Rod
2. Tip Rod Adapter
3. Coil
4. Gasket
5. Allen Wrench



Mount the LMG-450 as near to the center of the roof, fender or trunk of the vehicle as is practical. Install Motorola style mount and coax assembly as specified by the manufacturers instructions (see NOTE below). Place the gasket around the mount and thread the coil onto the mount. Be sure to tighten the coil sufficiently to ensure mechanical stability and seal against moisture. Do not over-tighten.

Consult the CUT CHART for the nominal exposed tip rod length "L" between the top of the adapter and the base of the center coil. Add one inch to this length to assure an adequate amount of rod below the top of and inside the adapter. Cut the lower end of the rod to this length. Remove any burrs created by the cutting process. Insert the base of the tip rod into the top of the adapter. Use the allen wrench to adjust the length of exposed tip rod to the CUT CHART length "L". To insure reliable performance, it is recommended that a reliable SWR bridge be used to accurately tune the antenna to your required frequency and application.

CUT CHART

FREQUENCY	LENGTH (L)
450 MHz	14"
455 MHz	13 3/16"
460 MHz	12 1/2"
465 MHz	12"
470 MHz	11 3/4"

NOTE: Mount/Coax Assembly may be purchased separately or in a kit with your LMG-450.



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LMG-450-5 P/N: 9752
HWD Kit P/N: 9752-3

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