

INSTALLATION INSTRUCTIONS

EM-M11003 (764-869 MHz)

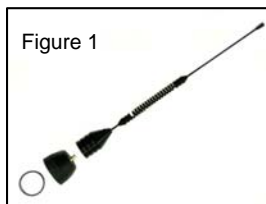
EM-M11008 (806-894 MHz) and EM-M11004 (890-960 MHz)
3 dB NMO MOUNT ANTENNA

*Congratulations on your selection of another quality antenna product from E/M Wave.
E/M Wave is committed to continually provide the greatest antenna VALUE for your wireless applications.*

1. Parts (Figure 1):

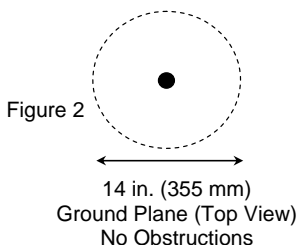
Verify all parts are included with the Antenna as shown in Figure 1.

- a. Antenna Whip
- b. NMO Base Mount Adapter
- c. O-Ring



2. Tools:

- a. No tools required for installation.
- b. The antenna is intended to be installed using a firm hand torque until the sealing O-ring is completely compressed against the installation surface.



3. Pre-Installation (Figure 2):

- a. The EM-M11003, EM-M11004 and EM-M11008 antennas are designed for installation to a standard NMO mount.
- b. For best electrical performance, the metallic ground plane surface diameter should be approximately 14" (355 mm) or greater.
- c. Verify that the surface immediately surrounding the NMO mount, is properly cleaned.



Figure 3

4. Installation (Figures 3 & 4):

- a. Firmly press O-ring into O-ring seat on bottom of NMO Base Adapter (Figure 3).
- b. Verify contact spring is completely extended. If necessary, adjust by pulling the contact outward (Figure 4).
- c. Thread NMO Base Mount Adapter onto the vehicle NMO mount. Tighten by hand until O-Ring is completely seated against mounting surface.
- d. Thread Antenna Whip firmly onto NMO Base Mount Adapter.



Figure 4

**E/M Wave Inc.
LIMITED WARRANTY STATEMENT**

Congratulations on your selection of another quality antenna product from E/M Wave. E/M Wave is committed to continually provide the greatest antenna VALUE for your wireless applications

Electro-Magwave Incorporated, herein after referred to E/M, warrants, under standard terms and conditions, all products manufactured by it to be free from defects in material and workmanship under normal use and service, for a period of two (2) years from the initial delivery date to the original consumer.

E/M's obligation under this warranty is limited to prompt replacement of any necessary parts or complete product, at its option, without charge, by an authorized retailer or distributor, and does not include installation or reinstallation related charges. The original consumer shall return the parts with prepaid transportation charges to the point of purchase or the manufacturer for complete evaluation of defects.

The warranty period of any replaced item shall not extend beyond the original purchase term.

This warranty does not apply to any part or product which has been modified or altered in any way, nor does it apply to any part or product that fails to perform due to damage, neglect, inappropriate physical or electrical abuse or misuse, misapplication or inappropriate use, improper installation or all other forms of accidental causes.

This warranty is exclusive and in lieu of all other warranties, whether expressed or implied including implied warranties of merchantability and fitness for a specific purpose, and limited to the duration of the two (2) year period stated herein.

Standard Warranty Conditions: This warranty shall apply only if, (i) the product has been correctly installed and used at all times in accordance with the intended application as described within the product documentation and (ii) the product has not been subjected to any form of modification, damage, neglect, inappropriate physical or electrical abuse or misuse, misapplication or inappropriate use, improper installation or all other forms of accidental causes.

Disclaimer: E/M shall not be liable, for any reason, for damages caused by breach of this warranty or of any other implied warranty. E/M shall not warrant that the operation of the product is 100% inerrant, nor does it guarantee uninterrupted service operation, implied claims of service coverage or other system related performance criteria. E/M shall not be liable for purchased selection, misapplication of product or failure to meet any governmental regulations.

E/M reserves the right to change product materials and specifications without notice.

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Disclaimer: E/M shall not be liable, for any reason, for damages caused by breach of this warranty or of any other implied warranty. E/M shall not warrant that the operation of the product is 100% inerrant, nor does it guarantee uninterrupted service operation, implied claims of service coverage or other system related performance criteria. E/M shall not be liable for purchased selection, misapplication of product or failure to meet any governmental regulations.

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