

# UGM INSTALLATION INSTRUCTIONS

Your Hustler magnetic mount antenna will hold securely, under normal driving conditions, when placed on a flat metal surface of the average automobile. (Using this antenna on a vinyl roof is not recommended.)

-The best electrical performance is realized when the antenna is mounted on the vehicle roof.

## ASSEMBLY

Please refer to the frequency cut chart. Select the desired frequency at the side of the chart. Follow the horizontal line across the graph until it intersects the graph curve. From that point follow the vertical line to the bottom of the graph, revealing the proper tip rod length for the selected frequency.

-Use a file to score the tip rod and break off the excess.

-Push the tip rod into the clutch nuts as far as it will go and tighten the nut using a 5/16" wrench.

## TUNING

Use a good quality V.S.W.R. meter to check the antenna. If you wish to raise the resonant frequency, shorten the tip rod. If you want to lower the resonant frequency, lengthen the tip rod by loosening the clutch nut and pulling the rod out slightly. All adjustments should be in 1/4" (or less) increments. The higher the frequency, the greater the effect of a 1/4" change in tip rod length (refer to cut chart).

-Please note that the cut chart dimensions are intended as a guideline only. The actual length for a particular frequency varies with the type of vehicle.

-Tighten the clutch nut to secure the tip rod. There is a split clutch sleeve under the clutch nut. If this is lost, you will be unable to secure the tip rod by tightening the clutch nut. In this event, contact the factory Customer Service Dept. for a replacement part.

## NEW-TRONICS ANTENNA CORPORATION LIMITED WARRANTY

New-Tronics Antenna Corp. warrants its products to be free of defects in material and workmanship and extends this warranty under intended use and normal service conditions to the original owner for a period of two years from the date of purchase. This warranty does not apply to any product that has been repaired or altered in any manner and is void for any damage due to accident, neglect, unreasonable use, improper installation, or any other cause not arising out of defects in material or workmanship.

The obligations of New-Tronics Antenna Corporation are limited to repairing or replacing, at its option, any product or part that is returned to the factory; all transportation charges prepaid, accompanied by proof of purchase, and upon examination reveals to have been defective within the warranty period stated above.

New-Tronics Antenna Corp. does not assume nor is any person authorized to assume for it, any obligations other than that herein stated.

Any implied warranties, including but not limited to fitness for a particular purpose, is limited in duration for the above two year period. New-Tronics Antenna Corp. shall not be liable under this warranty, or any implied warranty, for loss of use of the product or for other consequential loss or damage incurred by the purchaser. Some states do not allow the exclusion or limitation of implied warranties of consequential damages and so the above exclusions or limitations may not apply in those states. This warranty gives you special legal rights and you may have other rights that vary from state to state.

UGM

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# UGM CUT CHART

