

Metal & Cable Corp., Inc.

9337 RAVENNA ROAD, UNIT C P.O. BOX 117
TWINSBURG, OH 44087
PHONE (330) 425-8455 FAX (330) 963-7246

*****FAILURE TO READ AND FOLLOW INSTRUCTIONS
MAY READ TO RISK OF INJURY OR DEATH*****

WARNING

FALL HAZARD

**FAILURE TO FOLLOW THIS WARNING MAY
RESULT IN SERIOUS INJURY OR DEATH.**

Use OSHA approved fall protection equipment when installing mount.

Mount NOT man-rated. Do not lean on mount, hang on mount, or use mount for support.

CAUTION

MAGNET HAZARD

**FAILURE TO FOLLOW THIS CAUTION MAY
RESULT IN INJURY OR PROPERTY DAMAGE.**

Mount contains magnetic components.

- **PINCH HAZARD.** Interaction with magnets on mount may create a pinch hazard.
- **PROPERTY HAZARD.** Electronic objects such as cell phones, hearing aids, and beepers may be damaged.

WARNING

DETACHMENT HAZARD

**FAILURE TO FOLLOW THIS WARNING MAY
RESULT IN SERIOUS INJURY OR DEATH.**

Failure to follow installation instructions, including application of correct torque values, may create a mount detachment hazard. Mount must remain tethered to tower at all times.

CAUTION

CUT HAZARD

**FAILURE TO FOLLOW THIS CAUTION MAY
RESULT IN INJURY.**

Metal components of mount may have sharp edges. Use care and wear OSHA approved protective clothing, work gloves, and safety glasses when handling and installing mount.

WARNING

MAGNET HAZARD

**FAILURE TO FOLLOW THIS WARNING MAY
RESULT IN SERIOUS INJURY OR DEATH.**

Mount contains magnetic components. Wearers of cardiac pacemakers, implantable cardioverter defibrillators (ICDs) or other metallic, magnetic, or mechanical implants, devices or objects should not come into contact with mount.

WARNING

Do not install on top of ice.

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Installation instructions for the double Magnemount Stability Mount

Tools needed for installation – 1/2” open ended wrench and a torque wrench with a 1/2” deep socket

Location note - In order to achieve maximum holding strength, no outside row of 5 magnets should be placed across a weld.

***** DO NOT REMOVE THE MYLAR PADS ON THE BOTTOM OF THE MAGNETS. THEY ARE AN INTEGRAL PART OF THE SYSTEM. *****

- 1) When removing the mount from the carton (while on the ground) – DO NOT REMOVE THE ATTACHED INSULATING CORRUGATED CARDBOARD BASE.
- 2) After the mounts are up on the tower, remove all “dirt and droppings” from the installation area. (Please, for better holding power, wipe the area clean.)
- 3) Just before the mount is to be installed, lay it down on its side, and remove the corrugated cardboard base.
- 4) EACH ANTENNA WILL HAVE 2 STABILITY MOUNTS UTILIZED. THE MAGNEMOUNT MARKED “AA” NEEDS TO BE INSTALLED FIRST - CLOSER TO THE EDGE OF THE TOWER. THE MAGNEMOUNT MARKED “AB” (THAT HAS 2 BARS ATTACHED) MUST BE INSTALLED HIGHER ON THE TANK AND IN-LINE WITH THE “AA” MOUNT.

Keep fingers clear when lifting the mount into place

INSTALLING THE “AA” MARKED STABILITY MOUNT

- 1) This Stability Mount is to be installed on the same heading as the antenna below it.
- 2) The 4 sets of HHCS with double nuts (with the bolt heads underneath the plate) near the “AA” markings MUST be on the high side of the tank. The bars on the “AB” will be installed over these HHCS and held in place by the double nuts.
- 3) Totally loosen all of the double hex nuts on all 24 magnets to at least 1/4” above the plate. This will allow the magnets to be independently seated and achieve their maximum holding power.

- 4) THE FIRST 4 MAGNETS TO BE ADJUSTED SHOULD BE ON THE EDGES OF THE PLATE, IN THE CENTER OF THE ROWS OF 5 MAGNETS
(IF THE PLATE IS NOT PAINTED, WE MARK THESE LOCATIONS).
THEY SHOULD BE ADJUSTED IN THE FOLLOWING ORDER:
TOP - BOTTOM - SIDE – SIDE
- 5) FINGER-TIGHTEN the bottom hex nut. Hold the bottom nut in place with the open-ended wrench, then, ***with the torque wrench***, tighten the top nut using 10#-ft of torque. Do not use power tools!!!
- 6) THE NEXT 8 MAGNETS TO BE ADJUSTED SHOULD ALSO BE ON THE EDGES OF THE PLATE, ONE ON EITHER SIDE OF THE PREVIOUSLY ADJUSTED CENTER MAGNETS. THEY SHOULD ALSO BE ADJUSTED
IN THE FOLLOWING ORDER:
TOP - BOTTOM - SIDE – SIDE
- 7) The last 12 magnets can be installed in any order, per item 5.

INSTALLING THE “AB” MARKED STABILITY MOUNT

- 1) This Stability Mount is to be installed on the same heading as the Stability Mount marked “AA”.
- 2) With the insulator still attached, set this Stability Mount behind the installed “AA” mount - with the connecting straps facing the HHCS and double nuts.
- 3) Remove the 4 sets of double nuts from the “AA” mount HHCS. Place the connecting straps over the 4 bolts and replace the washer and the double nuts just below the top of the bolts. Cut the plastic wrap holding the insulating base to “BB”. Lift the back end of the plate, remove the insulating base, and while holding the plate ONLY, set the plate down on the tower. **Tap the back end of the plate to contact the center plate. THIS IS VERY IMPORTANT!!!**
- 4) Totally loosen the double hex nuts on all 24 magnets at least ¼” above the plate. This will allow the magnets to be independently seated.
- 5) THE FIRST 4 MAGNETS TO BE ADJUSTED SHOULD BE ON THE EDGES OF THE PLATE, IN THE CENTER OF THE ROWS OF 5 MAGNETS
(IF THE PLATE IS NOT PAINTED, WE MARK THESE LOCATIONS).
THEY SHOULD BE ADJUSTED IN THE FOLLOWING ORDER:
TOP - BOTTOM - SIDE – SIDE
- 6) FINGER-TIGHTEN the bottom hex nut. Hold the bottom nut in place with the open-ended wrench, then, ***with the torque wrench***, tighten the top nut using 10#-ft of torque. Do not use power tools!!!
- 7) THE NEXT 8 MAGNETS TO BE ADJUSTED SHOULD ALSO BE ON THE EDGES OF THE PLATE, ONE ON EITHER SIDE OF THE PREVIOUSLY ADJUSTED CENTER MAGNETS. THEY SHOULD ALSO BE ADJUSTED
IN THE FOLLOWING ORDER:

TOP - BOTTOM - SIDE – SIDE

- 8) FINGER-TIGHTEN the bottom hex nut. Hold the bottom nut in place with the open-ended wrench, then, *with the torque wrench*, tighten the top nut using 10#-ft of torque. Do not use power tools!!!
- 9) The last 12 magnets can be installed in any order, per item 8.

Removal

- 1) While pulling on the top of the mast, insert the enclosed 1.5” wide bar at the indicated area and lift the edge of the mount.
- 2) Set the mount on its side and cover the magnets to keep them clean.

Any questions at any time, call David Klein at 330-963-7909 (direct)