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INSTALLATION INSTRUCTIONS

Stability Mount — Double

Tandem Stability Mount (AA + AB) Installation Instructions

SAFETY WARNINGS

Failure to read and follow all instructions may lead 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 is NOT man-rated. Do not lean on mount, hang on mount, or use mount for support.

⚠ 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.

⚠ WARNING
MAGNET HAZARD — CARDIAC DEVICES

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.

⚠ 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.

⚠ 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.

⚠ CAUTION
ICE / WEATHER HAZARD

Failure to follow this caution may result in injury or property damage.

Ice accumulation on the mount or mast can significantly increase wind loading and reduce holding power.

Inspect and clear ice from mount before and during severe weather events.

Ensure guy wires (where applicable) are taut and secure prior to any winter weather.

MAGNEMOUNT is a registered trademark. Patent Nos. #7,624,957 | #9,188,276 | #9,472,937 | www.magnemount.io

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BEFORE YOU BEGIN

TOOLS REQUIRED

½" open-ended wrench · ½" deep socket · Torque wrench

INSTALLING THE "AA" STABILITY MOUNT

MAGNET TORQUE SEQUENCE — STANDARD METHOD

Follow this sequence for all 24-magnet plates:

Step 1: Loosen ALL double hex nuts at least ¼" above the plate.

Step 2: First 4 magnets — edges of plate, center of rows of 5. Order: TOP → BOTTOM → SIDE → SIDE.

Step 3: Next 8 magnets — edges, one each side of Step 2 magnets. Same order: TOP → BOTTOM → SIDE → SIDE.

Step 4: Remaining 12 magnets — any order.

Torque: Finger-tighten bottom nut, hold with open-ended wrench, then torque top nut to **10 ft-lb**. DO NOT USE POWER TOOLS.

1. When removing the mount from the carton (while on the ground) — DO NOT REMOVE THE ATTACHED INSULATING CORRUGATED CARDBOARD BASE.
2. After the mount is up on the tower, remove all dirt and debris from the installation area. Wipe clean for better holding power.
3. Just before installation, lay the mount on its side and remove the corrugated cardboard base.
4. Totally loosen all double hex nuts on all 24 magnets to at least ¼" above the plate.
5. First 4 magnets: Edges of the plate, center of rows of 5. Order: TOP → BOTTOM → SIDE → SIDE.

6. Finger-tighten the bottom hex nut. Hold with open-ended wrench, torque top nut to 10 ft-lb. DO NOT use power tools.

7. Next 8 magnets: Edges, one each side of previously adjusted magnets. Same order: TOP → BOTTOM → SIDE → SIDE.

8. Remaining 12 magnets: Install in any order, per Step 6.

INSTALLING THE "AB" STABILITY MOUNT

1. This Stability Mount is to be installed on the same heading as the "AA" mount.

2. With the insulator still attached, set the "AB" 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 double nuts just below the top of the bolts. Cut the plastic wrap holding the insulating base to "AB". Lift the back end of the plate, remove the insulating base, and — holding the plate ONLY — set it down on the tower. Tap to contact the center plate. THIS IS VERY IMPORTANT.

4. Totally loosen double hex nuts on all 24 magnets at least ¼" above the plate.

5. First 4 magnets: Edges of the plate, center of rows of 5. Order: TOP → BOTTOM → SIDE → SIDE.

6. Finger-tighten bottom hex nut. Hold with open-ended wrench, torque top nut to 10 ft-lb. DO NOT use power tools.

7. Next 8 magnets: Edges, one each side of previously adjusted magnets. Same order: TOP → BOTTOM → SIDE → SIDE.

8. Finger-tighten bottom hex nut. Hold with open-ended wrench, torque top nut to 10 ft-lb. DO NOT use power tools.

9. Remaining 12 magnets: Install in any order, per Step 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.

For Assistance

Email: magnemount@wasinc.com

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