

ATB-75 Tilt-Mount Instruction Sheet

Introduction: The ATB-75 Universal Vertical Tilt Base is designed to let you assemble and adjust your vertical antenna on the ground, then walk it up into its vertical operating position with safety and minimal effort. Made from rugged 1/8-inch aluminum plate, the ATB-75 features a pattern of pre-punched mounting holes that accept most common U-bolt sizes for antenna masts up to 2-1/4 inches in diameter. In addition, you can bolt many popular verticals using insulated base brackets directly to the ATB-75 swing plate without using U-bolts (Hy-Gain AV18VS, AV18AVQII, AV14AVQ, AV12 AVQ, DX-88, etc). The ATB-75 also provides spare bolt holes for connecting a ground rod or a radial system.

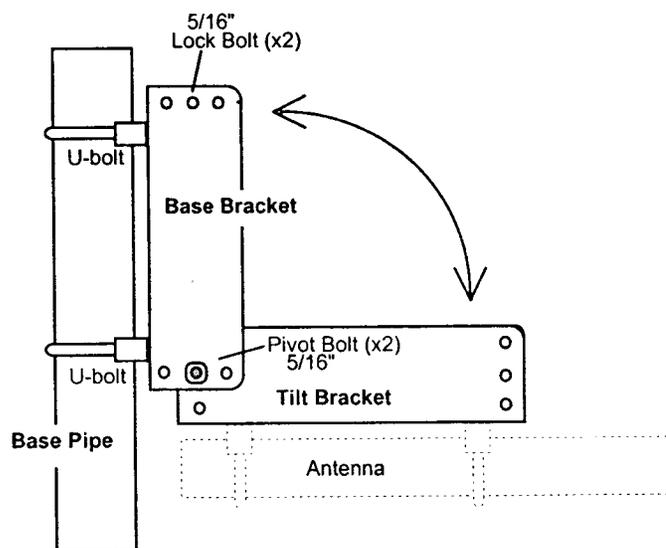
Installation Instructions: Before assembling your ATB-75, please check the parts list on page-2 to confirm that all listed items are included.

[] Find the two 2-1/4" U-bolts and 3/8" hardware. Attach the *base bracket* (wider of the two mounting plates) securely to your base support.

[] Find two 5/16" bolts and hardware. Attach the *tilt bracket* (narrower plate) to the base bracket's pivot point, as shown below. Do not over-tighten -- the tilt bracket should remain moveable.

[] Using your antenna's mounting hardware, install the support mast (or insulated bracket) onto the face of the *tilt bracket*.

[] After the antenna has been raised vertically into position, lock the *tilt bracket* to the *base bracket* using the remaining two 5/8" bolts and hardware. Check and re-tighten all hardware to ensure everything is tight.



Base Support: Your base support pipe (not included with the ATB-75 kit) should be made from thick-wall steel or aluminum tubing and extend at least 3 to 4 feet below ground. For multi-band verticals, we recommend seating the pipe in a 10-inch diameter posthole filled with ready-mix concrete to ensure stability. Note that antenna base supports should always be located well clear of power lines or neighboring property to avoid exposure to life-threatening injury or liability.

Parts List: Please check the contents of your ATB-75 package for the following items:

- [] 1 Base bracket
- [] 1 Tilt bracket
- [] 4 2-1/4" x 3/8" U-bolts
- [] 4 2-1/4" Mast Saddles
- [] 8 3/8" nut
- [] 8 3/8" flat washer
- [] 8 3/8" split lock washer
- [] 4 5/16" x 3/4" bolt
- [] 4 5/16" nuts
- [] 4 5/16" flat washer
- [] 4 5/16" split lock washer

Missing or Defective Parts: HY-GAIN warrants that all listed items for your ATB-75 tilt-mount kit are included and free from defect. If your bill of materials is missing parts or contains damaged items, contact the factory by phone at (662) 323-9538 to arrange for replacement or write. Our mailing and shipping address is: HY-GAIN, 308 Industrial Park Road, Starkville, MS 39759. Please *do not* return any items to HY-GAIN unless explicitly authorized to do by HY-GAIN Customer Service.