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TSP-1

Tower Mounting Plate Kit
 for Hy-Gain Rotator

INSTRUCTION MANUAL

General Description

The TSP-1 Tower Mounting Plate Kit is a flat plate equipped with four (4) 1/2 inch standard bushings spaced to match the hold down screw holes in the bottom of Hy-Gain bell type rotators. The plate is designed to allow enough clearance under the bottom of the rotator to permit the rotator to be mounted without drilling a clearance hole for the control cable. The plate may also be used to raise the rotator enough so the widest part of the housing will

Installation on Hy-Gain "Crank- Up" Towers

All Hy-Gain "Crank-Up" Towers are made with holes drilled in the rotor mounting plate, so mounting the plate kit is easy.

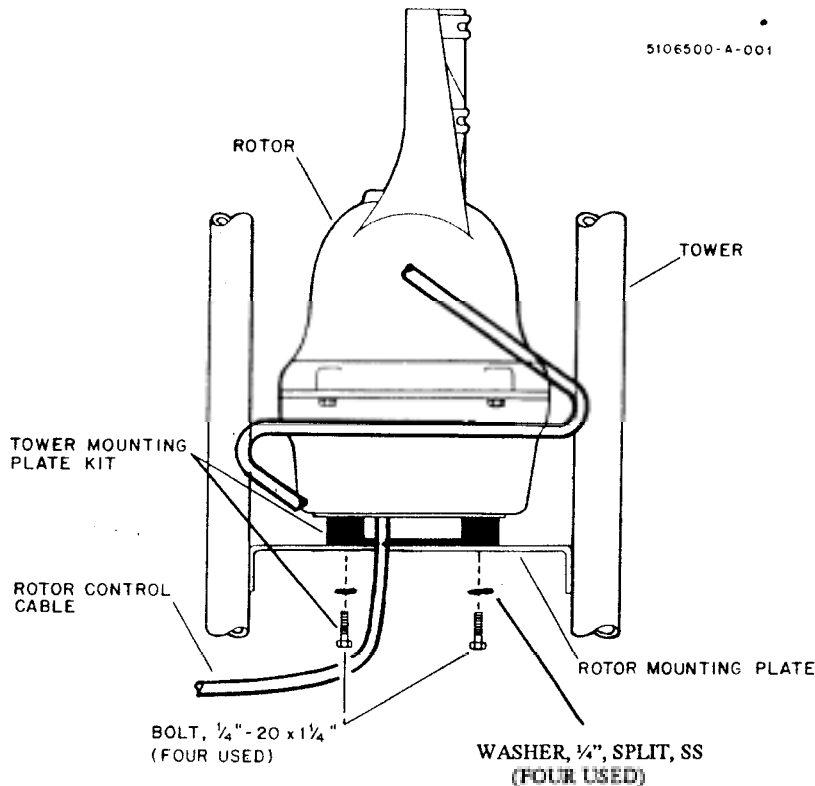
Align the plate, plate side down over the holes on the rotor mounting plate.

Connect the control cable to the rotator.

Place rotator on top of the spacers. See illustration.

Insert four (4) 1/4"-20 x 1 1/4" hex head bolts through the plate, up through the spacers and into the rotator. Tighten securely.

This completes the installation.



Installation on Other Towers

On towers where there are no holes in the rotor mounting plate you will need to do the following:

Align Tower Mounting Plate in center of tower top plate or inside tower on rotor mounting plate.

Center punch location of the four mounting holes.

Drill the four mounting holes using a 17/64" drill bit.

Place mounting plate on top plate or on the rotor mounting plate, plate side down. See illustration.

Connect control cable to rotator.

Place rotator on top of the spacers.

Insert four (4) 1/4"-20 x 1 1/4" hex head bolts through the plate, up through the spacers and into the rotator. Tighten securely

This completes the installation

PARTS LIST PART NUMBER	DESCRIPTION	QUANTITY
5051000	Mounting Plate with Spacers	1
506518	Bolt, Hex, 1/4" -20 x 1 1/4", SS	
561177	Washer, Split, 1/4", SS	4

hy-gain® LIMITED WARRANTY

Hy-Gain Warrants to the original owner of this product, if manufactured by **Hy-Gain** and purchased from an authorized dealer or directly from **Hy-Gain** to be free from defects in material and workmanship for a period of 12 months for rotator products and 24 months for antenna products from date of purchase provided the following terms of this warranty are satisfied.

1. The purchaser must retain the dated proof-of-purchase (bill of sale, canceled check, credit card or money order receipt, etc.) describing the product to establish the validity of the warranty claim and submit the original or machine reproduction of such proof of-purchase to **Hy-Gain** at the time of warranty service. **Hy-Gain** shall have the discretion to deny warranty without dated proof-of-purchase. Any evidence of alteration, erasure, or forgery shall be cause to void any and all warranty terms immediately.
2. **Hy-Gain** agrees to repair or replace at **Hy-Gain's** option without charge to the original owner any defective product under warranty, provided the product is returned postage prepaid to **Hy-Gain** with a personal check, cashiers check, or money order for \$8.00 covering postage and handling.
3. Under no circumstances is **Hy-Gain** liable for consequential damages to person or property by the use of any **Hy-Gain** products.
4. Out-of-warranty Service: **Hy-Gain** will repair any out-of-warranty product provided the unit is shipped prepaid. All repaired units will be shipped COD to the owner. Repair charges will be added to the COD fee unless other arrangements are made.
5. This warranty is given in lieu of any other warranty expressed or implied.
6. **Hy-Gain** reserves the right to make changes or improvements in design or manufacture without incurring any obligation to install such changes upon any of the products previously manufactured.
7. All **Hy-Gain** products to be serviced in-warranty or out-of-warranty should be addressed to **hy-gain, 308 Industrial Park Road, Mississippi 39759, USA** and must be accompanied by a letter describing the problem in detail along with a copy of your dated proof-of-purchase.
8. This warranty gives you specific rights, and you may also have other rights which vary from state to state.