

Gen 5 Antenna Assembly Guide

Step by Step guide to assemble the .98M Gen 5 Antenna

Tools Required:

7/16 " Wrench

1/2 " Wrench

Phillips Screwdriver

Crescent wrench or pliers

First box that will need to be opened is the AZ/EL box P/N 1504178-0002:

Contents of box:



First step is to place the plate in the antenna mount as pictured below:



Next step is to turn over the mount and place the pole mount on the antenna mount like so:



There are going to be 5 carriage bolts with 1/2 " nuts that will be needed for this part:



After they are installed and tighten, this will be your end result (Make sure the marker is on the 0 degree mark) :





Next, you will need to open up the antenna:

Here is what it will look like:



Here is the back of the antenna and where you will insert the self-tapping screws pictured below:





Once the AZ/EL mount is attached to the antenna, your next step is to start attaching the feed legs to the antenna/mount:

Here are the Locking washer, washer and bolts you are going to be needing for this part of the installation as well 1 carriage bolt and 1 washer, and 1 locking washer for the aluminum bracket at the bottom of the antenna:



Here is how it will attach to the AZ/EL – Antenna:



Next, install the carriage bolt and tighten down as pictured:



Next, take your 4 bolts with washers/locking washers and hand tighten all 4 into the bracket. Once all 4 are aligned, fully tighten all bolts.



After this Step, you will need to install the feed support only to the antenna:

Here is all the hardware you should have left at this point:



Take Center feed support and attach to antenna as pictured below:



Here is a picture of the completed antenna just to clarify how the other end of this feed support should look:



When this is lined up, use the remaining 2 carriage bolts to lock in this pipe into place:



Next, you will install the 2 side supporting arms to the lower feed support just installed:

NOTE: The longer flat end of the feed arm is attached to antenna. The smaller flat end attached to the middle of the feed support just installed as pictured:





Once both supporting arms are installed. They will need to be joined to the middle support arm shown below:



Once that is tighten, you will only have left the follow hardware:



The two locking washer as just for spare parts. The screw is to attach the Transmitter to the antenna as shown:



