

Installation of the new style WISP'er antenna
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WIFI-PLUS, INC.
By
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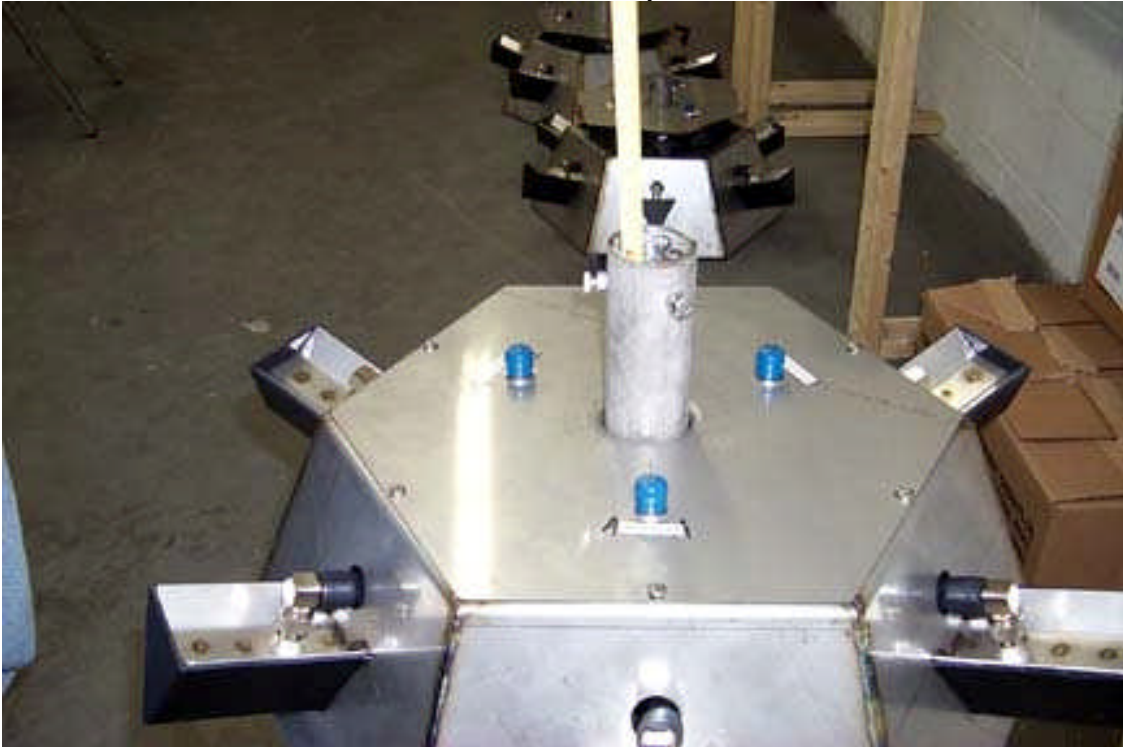
Step #1 Remove WISP'er and protect from striking the black element covers



Step # 2 Remove the clear tape that has been applied to stop the shipping peanuts from getting inside the mounting tube. Notice the 6 10/24 S.S. screws holding to bottom plate on. These must only be removed to gain access to the internal wiring or secondary locking holes explained below. Standard installation there will be no reason to remove.



Step #3 Measuring the depth of mounting tube and place a mark on the 1 5/8" pole. Also notice the three channels are marked on the bottom plate as "A","B","C".



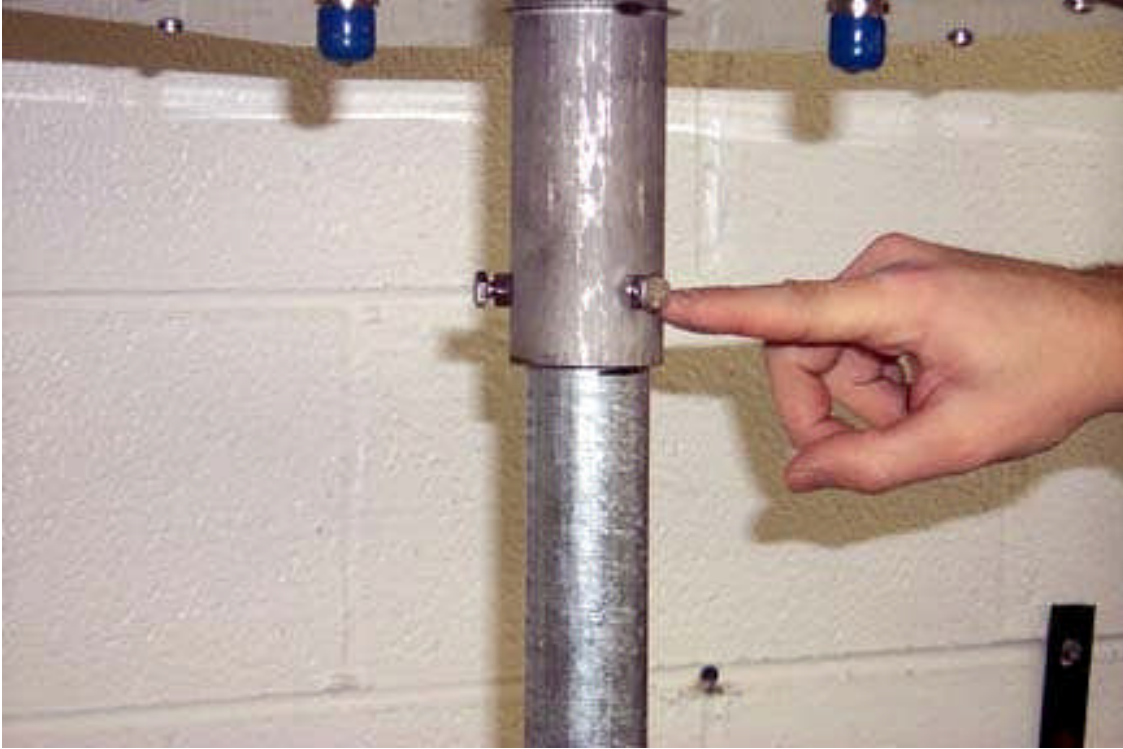
Step#4 Place on 1 5/8" pole and slide down to the marking that was put on the pole.



Step#5 Notice that each of the three channels are mark as A,B or C. Place the two A's facing north at 0 degrees and then you will know your first channel will be from 300 degrees to 60 degrees. The second channel or "B" will be centered at 120 degrees and located from 60 degrees to 180 degrees. The third channel or "C" will be centered on 240 degrees and be located from 180 degrees to 300 degrees.



Step#6 Now tighten down the three exterior $\frac{1}{4}$ X 20 bolts. After they have been tightened then run the nuts to lock them in place. They must be removed if you have to go inside the antenna. If you ever strip out any or all of the three exterior locking bolt holes there are three internal just below the roof of the antenna. We have provided these three extra bolts and nuts in the parts bag. Bolts shipped will allow pole size from 1 $\frac{5}{8}$ " to 1 $\frac{1}{2}$ "



Step#7 View of the interior with all LMR-400's marked for each channel as "A","B", "C". The bottom pan is marked as well. The N female connectors have protective tips that must be removed to install your LMR-400 cables. Butyl weather proofing kits have been provided to seal all six elbow's feeding into the antenna enclosure located at the underside of each 4" beam. After applying the LMR-400 external cables weather seal these three connectors and your installation is ready for trial.



If you have any questions please call WiFi-Plus, Inc. at 330-273-3665 and ask for Allen Higgins. Each standard WISPer's is shipped ready to install on a 1 5/8" mounting pole. If any other size mounting pole is going to be used then you must contact the above and we will discuss your request.



If you have selected to use two non penetrating roof mounts then after locating the configuration required you will have to drill three holes at those locations and bolt the three legs to the roof mounts. The brackets on each leg should be turned up as to allow a hole to be drilled on the side of the angle iron. Do not drill on the bottom as it might cause you to violate the integrity of the roof and cause a leak. The single leg should be on one mount and the back two legs should be centered on the second mount as illustrated in the above picture. Place cinder blocks per requirements to wind load. Solid blocks are best.