

Add Band Kit Instructions

August 2022

The add band kit consists of the following:

- One pre-tuned, fully assembled wire set ready for mounting on the hex beam
- Six wire guides consisting of a stainless steel hose clamp and a rubber coated, aluminum loom clamp for each wire guide.
- These illustrated detailed instructions for installation of the add band kit

Instructions:

1. Mark the spreader arms for the location of the new wire guides using the measurements of Figure 1. Remember, these locations will be preliminary only and will possibly be changed slightly to get proper tension of the wire set.
2. Install the wire guides on each spreader arm at the marked locations.
3. Thread the wire set through the newly installed wire guides on the spreader arms around the center post until you get back to the front of the beam as shown in figure 2.
4. Attach the ends of the wire set to the appropriate terminals on the center post and tighten.. Do not overtighten lest you twist the terminal itself. Use a second tool (wrench or pliers) to hpld the bottom nut from turning.
5. Now adjust the slack in the wire set. Do not try to get the wire set too taut. On the other hand remove nearly all of the slack. Make this adjustment by loosening the two wire guides on Spreader arms 1 and 6 and moving the guides slightly.
6. If you have a SWR test set, using a short piece of coax connected to the hex beam, test the SWR of the new band before raising the antenna back to its operating position. The SWR will be higher than you should expect when the antenna is raised but should show a dip across the band. The frequency of the dip will probably increase slightly when the antenna is raised. This dip indicates that the wire set has been installed correctly.

