

30-MTK INSTALLATION INSTRUCTIONS

The Hustler 30-MTK modifies the 4-BTV or 5-BTV for 30 meters operation. A 30 meter trap and two shorter tubes replace the original 56" 40 meter tube. The three and six element spider assemblies are eliminated.

ASSEMBLY

If you are converting a 4-BTV it will be necessary to trim the 36" tube (part # 4190-1) to 33" length. After trimming, cut two vertical slots approximately 1 1/2" long in the end of the tube to allow the clamp to operate. **DO NOT TRIM THIS TUBE IF YOU ARE CONVERTING A 5-BTV (10-80 METERS).**

Check the parts against the parts list.

Remove all sections of the antenna above the 20 meter trap. Place the 24" tube (part #4087-11) and two clamps on the 20 meter trap. Install the 30 meter trap (see illustration) and set dimension "E" to 1 1/2". Mount the 36" tube (part # 4190-1) and clamp. Also install your 75/80 meter resonator if you are using a 5-BTV. Set dimension "F" (see illustration) to 1 1/2".

RADIALS

If you are using radials in your installation cut two radials, 23 1/2' in length, for 30 meters. Use #14 gauge or larger insulated wire. The radials should be placed 180 degrees opposite of each other. Try to maintain even spacing between all radials.

TUNING

10, 15 and 20 meters should be unaffected. Check the V.S.W.R. on 30 meters. To lower the resonant frequency lengthen dimension "E" in 1/2" increments. To raise the resonant frequency shorten "E" in 1/2" increments. Follow the same procedure for 40 meters but adjust "F" in 1" increments. If you are using a 5-BTV check the V.S.W.R. on 75/80 meters and retune (if necessary) as normal.

GUYING

Guying is strongly recommended due to the added wind load. Use nonconductive guys tied off above the 20 meter trap.

30-MTK

Kit No. 6749

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Parts List

Part No.	Description	Qty.
4087-11	Aluminum Tube 1 1/4" x 24"	1
4090-4	30 Meter Trap	1
4190-1	Aluminum Tube 1 1/4" x 36"	1
3152-4	Tube Clamp	3
6099	Danger Label	1

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