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INSTALLATION INSTRUCTIONS
For VHF CONVERTER (HQ-170)

1. Install gromet.
2. Loosen filter choke (do not move) to install assembly.
3. Add 2-meter antenna jack back of chassis and connect coax with red tape.
4. Connect coax cable with blue tape to 6-meter antenna jack.
5. Remove green wire from antenna terminal post to 6-meter antenna jack.
6. Remove 8 pf capacitor (C135) from crystal calibrator circuit to antenna terminal post.
7. Remove two wires from two right antenna terminal posts.
8. Remove white/blue wire from left antenna terminal post and connect to antenna switch wafer (S2-B) where antenna trimmer connects.
9. Remove bare wire from Pin 1 of printed circuit to terminal strip.
10. Move blue/white wire to end lug of calibrator terminal strip.
11. Connect remaining coax cable to bottom of 6-meter antenna coil (T18).
12. Connect red wire to Pin 1 of 12AU7 (V13).
13. Connect black wire to ground lug.
14. Connect brown wire to Pin 5 (filaments) of 12AU7 (V13).
15. Install new audio pot with switch.
16. Connect yellow wire to 2-meter switch on audio pot.
17. Add red/white from R44 - 220K resistor (B+ line) on terminal to 2-meter switch on audio pot.
18. Change R-53 from 3000 10W to 2500 10W.

PARTS LIST

<u>QTY.</u>	<u>HANMARLUND PART NO.</u>	<u>Description</u>
1	4735-01-17001	Audio pot switch
1	2418-01-00038	Full, 2M Decal
1	4714-02-01009	2500 ohm, 10W Resistor
1	2417-02-00014	VHF Nameplate
5	2859-50-06106	Self-tapping Screws
1	2106-01-00032	Phono Jack
1	No Part No.	Red/White Wire, 10"