

## 10/12 METER MODIFACATION INSTRUCTIONS

### AL-80 (not A)

The AL-80 (not A) needs a kit to modify the unit to 10/12 meters. Write to us for details. All other units DO NOT require a kit, only the following written instructions.

### AL-80A

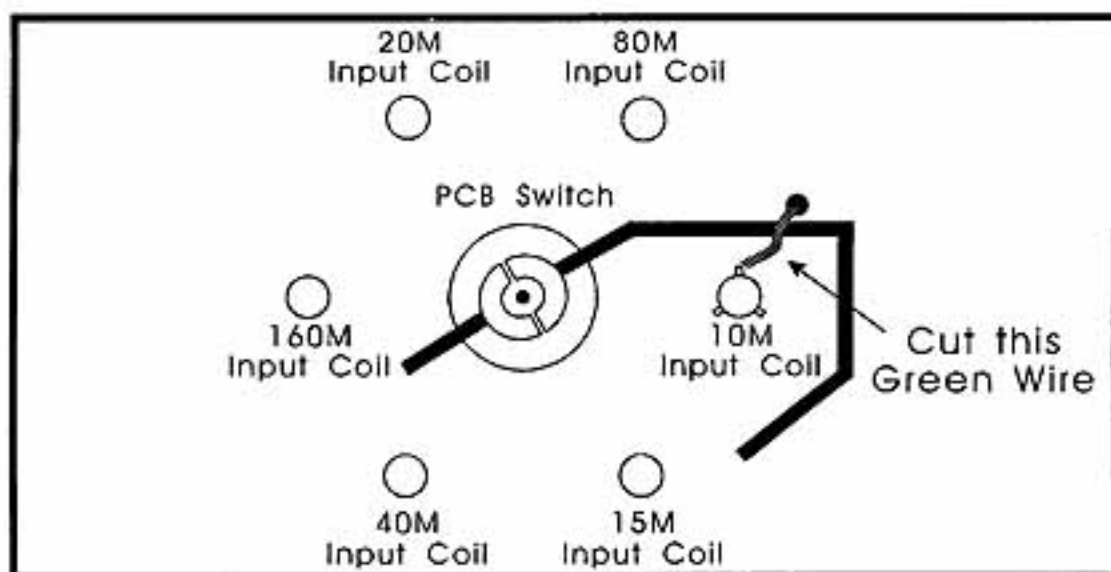
To obtain 10/12 meters on your AL-80A, cut the green wire that exits the subchassis at the front panel end of the bandswitch. This wire connects to the ground lug under the top mounting screw of the plate tuning capacitor reduction drive.

### AL-80B / AL-811 / AL-811H / AL-572

To modify these amplifiers for 10/12 meter use follow these steps:

1. Remove the top. Locate the Rear Panel P.C. Board.
2. Locate the green wire that is connected from the P.C. board to one of the coils as depicted in the diagram below. Cut the green wire.
3. Replace the top.

**NOTE:** Input Circuit Tuning. If high SWR occurs at the input of the amplifier, adjust the tune-input circuit with a 0.1 inch hex T.V. Tuning Tool. Adjust the slug for low SWR when the amplifier is transmitting and tuned properly.



AL-80B / AL811 / AL811H Rear Panel PC Board

### AL-82 / AL-1200 / AL-1500

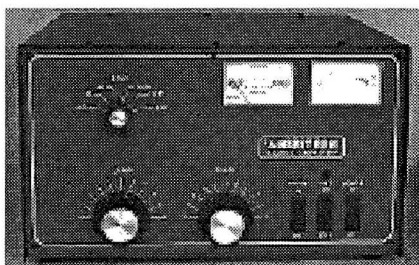
To obtain 10/12 meters on your AL-82, AL-1200, or AL-1500 cut the green wire at the front of the band switch.

### AL-800 / AL-800H

1. Place the amplifier onto a level surface so the back is easily accessible.
2. Locate the cover that is marked INPUT TUNING on the back of the amplifier.
3. Remove the four screws that secures the cover to the back panel.
4. Remove the cover from the back panel to expose the tune input circuit.
5. Locate the green wire that is solder to the PC board.
6. Remove the wire by either: un-soldering or using a pair of wire cutters. Cut the wire short enough so the end will not shift and short against anything. (It may be necessary to remove the wire at both ends.)
7. Replace the cover back onto the amplifier and secure the screws.

The amplifier is now modified for 10/12 Meters. Use the AUX position on the Band Switch for 10/12 Meter operation.

AL-80/A/B  
 AL-82  
 AL-572  
 AL-800/H  
 AL-811/H  
 AL-1200  
 AL-1500

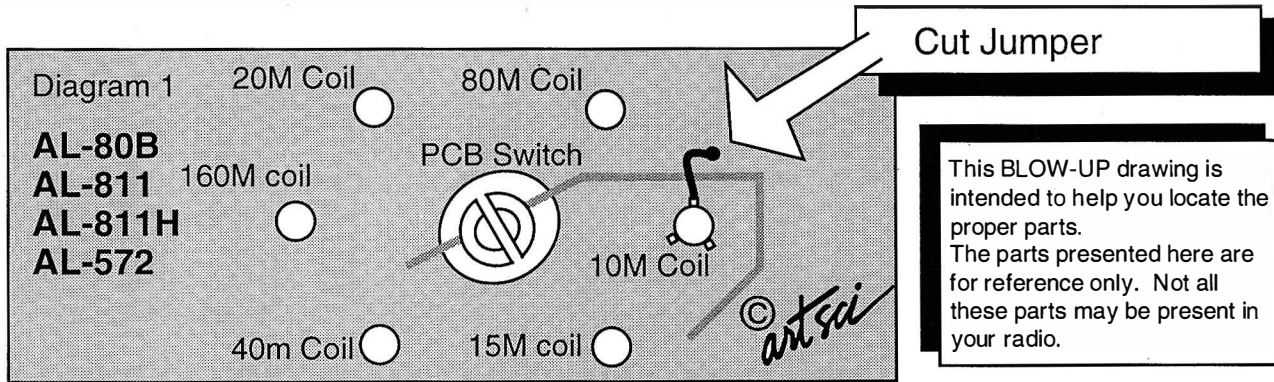


**Expansion Range**  
**10 & 12 Meter operation**

## Expanded RF Modification

<b>AL-80</b> (not A)	Needs a kit to be modified for 10/12 meters. Contact Ameritron.
<b>AL-80A</b>	Cut the green wire that exits the subshassis at the front panel end of the band switch. The wire connects ground to the plate tuning capacitor reduction drive.
<b>AL-80B</b> <b>AL-811</b> <b>AL-811H</b> <b>AL-572</b>	<ol style="list-style-type: none"> <li>1. Remove the top cover.</li> <li>2. Locate the rear panel P.C. Board</li> <li>3. Locate the green wire that is connected from the P.C. board to one of the coils (see diagram 1)</li> <li>4. Cut the Green wire</li> <li>5. Replace the top cover</li> <li>6. If high SWR occurs at the amp input, adjust the tune-input circuit with a 0.1 inch hex tuning tool. Adjust the slug for low swr when the amp is transmitting and tuned properly.</li> </ol>
<b>AL-82</b> <b>AL-1200</b> <b>AL-1500</b>	Cut the green wire at the front of the band switch
<b>AL-800</b> <b>AL-800H</b>	<ol style="list-style-type: none"> <li>1. Remove power and coax.</li> <li>2. Place the amp with the back panel accessible</li> <li>3. Locate and remove the 4 screws on the cover marked INPUT TUNING.</li> <li>4. Locate and cut the green wire that is soldered to the PC board (Make sure the wire can not short against anything.)</li> <li>5. Reassemble the amp.</li> </ol>

**OTHER**



## Radio/Tech Modifications Volume B

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