

1. Remove the 8 screws affixing the top panel of the transceiver and gently lift it off.

2. Carefully remove the small 2-pin speaker plug from the left rear corner of the transceiver interior, then remove the heavier 6-pin plug from the connector inside the right side of the transceiver. This can be removed by pushing on the tab to release the connector.

3. Locate the nine jumpers. These are located about 2" from the front edge of the main unit and about 3/4" from the left edge. You now have a choice of 2 different mods:

For 144/430MHZ TX expansion only, remove the jumper at JP1002, leaving the other jumpers alone. For the complete expansion per the above listing, place jumpers at JP1007/1008/1009, and remove the jumpers at JP1001/1002/1003/1004/1005(leave the jumper at JP1006 in place). Note the unusual sequence for the numbering. With the front of the rig facing forward, from the front of the rig to the back, the numbers of the jumpers are as follows:
1003,1002,1001,1006,1005,1004,1009,1008, 1007. Result of radio should look like below after FULL mod was done:

----BACK OF RADIO-----

1007 - Jumper

1008 - Jumper

1009 - Jumper

1004 - Blank

1005 - Blank

1006 - Jumper

1001 - Blank

1002 - Blank

1003 - Blank

----FRONT OF RADIO-----

4. Replace the top panel

5. With the transceiver off, press and hold the [F] and [V/M] keys; while holding them in, turn the radio on. Modification is now complete.

6. The radio is now completely reset to all the original factory settings except that it now is able to transmit 1.8-56 MHz, 137-164 MHz, and 420-470 MHz. You will need to reprogram all the menu operations and memory channels

Before you do anything, please read this.!

The modifications are not verified and tested, so if you try some of the article on your own equipment, it's on your own risk.

Performing modifications of some equipment may be a violation of local laws. If you have any doubts, do not perform the modification.