

Icom IC-706 (Icom IC 706 IC706) '60-metre transmit mod,' plus full transmit HF/6 metre

First remove the nine screws which fasten the top cover of the radio. Do NOT remove the four screws which secure the speaker to the top cover.

Carefully remove the top cover. Unplug the speaker wires connector from the board and put the top cover aside.

Find silk-screened characters UT-102 at front edge of board. Immediately to the left of these characters are 14 pairs of pads for a diode matrix. The radio comes with diodes installed at pair 1, pair 6, pair 8 and pair 11, counting from right-to-left, beginning at characters UT-102. Rigs delivered to non-USA/CANADA destinations may have a different complement of diodes in this matrix.

Remove the diode at pad pair 6, again, counting from right-to-left, beginning at characters UT-102. You are now finished the 60-metre transmit mod.

Plug speaker wires connector back into board.

Re-install top cover and secure with nine screws making sure not to over tighten.

That's it. Now do a full reset of rig.

FYI: the diode removed is D5806, whose anode connects to IC5901, pin 55.

Please be careful not to apply too much heat when removing diode from the circuit board as damage may occur.

This mod will not "un-lock" a hidden six metre section in a 703 non-plus version radio. It only enables total transmit throughout the entire frequency range in which the radio is capable of.

