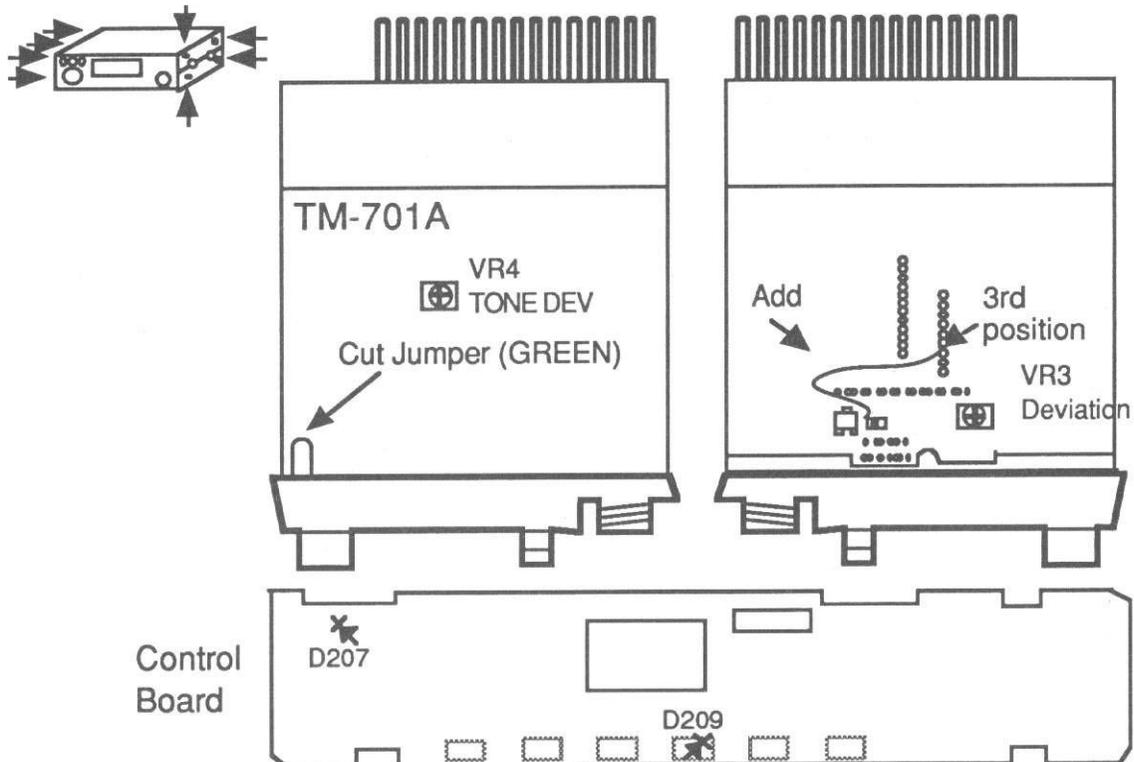


# KENWOOD TM-701A

## EXPANDED RF / CROSS BAND REPEATER

1. Disconnect the power and antenna.
2. Remove the top and bottom cover.
3. Remove knobs from front panel and the nuts from the mic and channel switch.
4. Remove 4 screws holding the front panel and the 3 screws on the control board.
5. Locate the green jumper wire sticking out the front panel, behind the VFO button.
6. Cut the green jumper and tape the edges to prevent them from shorting.
7. Optional: Install diodes D207 & D209 on control board X57-3350-00.
8. Solder a jumper to the foil side of the TX-RX board as shown in drawing.
9. Reassemble the radio.
10. Reset the microprocessor (Press and hold [MR] while turning on the power).



### CROSS BAND OPERATING PROCEDURES

**Turn on the Repeater mode :** Press and hold [F] and then press [DUP]. Then Press [F] longer than 1 Second. The F indicator will blink. Press [LOW]. Three dots should appear in the display when the mode is on.

**Turn off :** Press [VFO].



Caution

These modifications have not been tested. The Author, Publisher and all other parties takes NO responsibility or liability for any damage or violation resulting from these modifications. Performing any modification may be a Violation of FCC Rules and will void the warranty of the radio. Use of any modified radio may be a violation of FCC rules. If you have any doubts, DO NOT PERFORM THIS MODIFICATION.

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