



RS-232 Connector

IC-R8500

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R-517

R-516

R-518

ICOM

## Expanded RF Modification

1. Remove Power and antenna.
2. Remove 10 screws on the top cover (NOT THE SPEAKER SCREWS)
3. Carefully remove the top cover (UNPLUG THE SPEAKER)
4. Locate the main board (it is a large board towards the rear of the radio)
5. Locate and remove the metal shield can  
It is near the right rear of the radio and in front of the RS-232 connector.
6. Locate and remove **Resistor R-517**
7. Replace the metal shield.
8. Locate and **install R-455** (1K chip resistor 102)  
There is an empty resistor pad directly behind the metal shield.
9. Reassemble the radio
10. Reset the microprocessor if required.

## CAUTION:

This modification requires soldering or desoldering CMOS components. It requires special CMOS rated equipment and familiarity with surface mount soldering techniques.

## Radio/Tech Modifications Volume A

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