

IC-7000 60 Meter Modification

The new FCC rules on 60 meter operation allow the removal of one frequency (5366.5) and the addition of another frequency (5357.0). Because the IC-7000 was designed before this ruling, it cannot be modified to comply specifically with FCC requirements as described in their rules. The IC-7000 can be modified only to open up the 60 meter band completely.

Removing D2172 diode on the Main board opens the radio up to all of the 60 meter frequencies, including frequencies not allowed by the FCC.

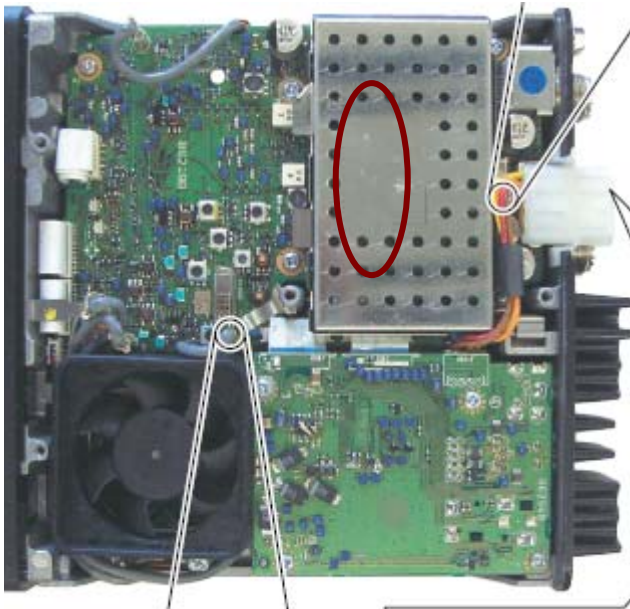
Important: It is the customer's responsibility, and not Icom America's, to comply with FCC regulations.

Procedure

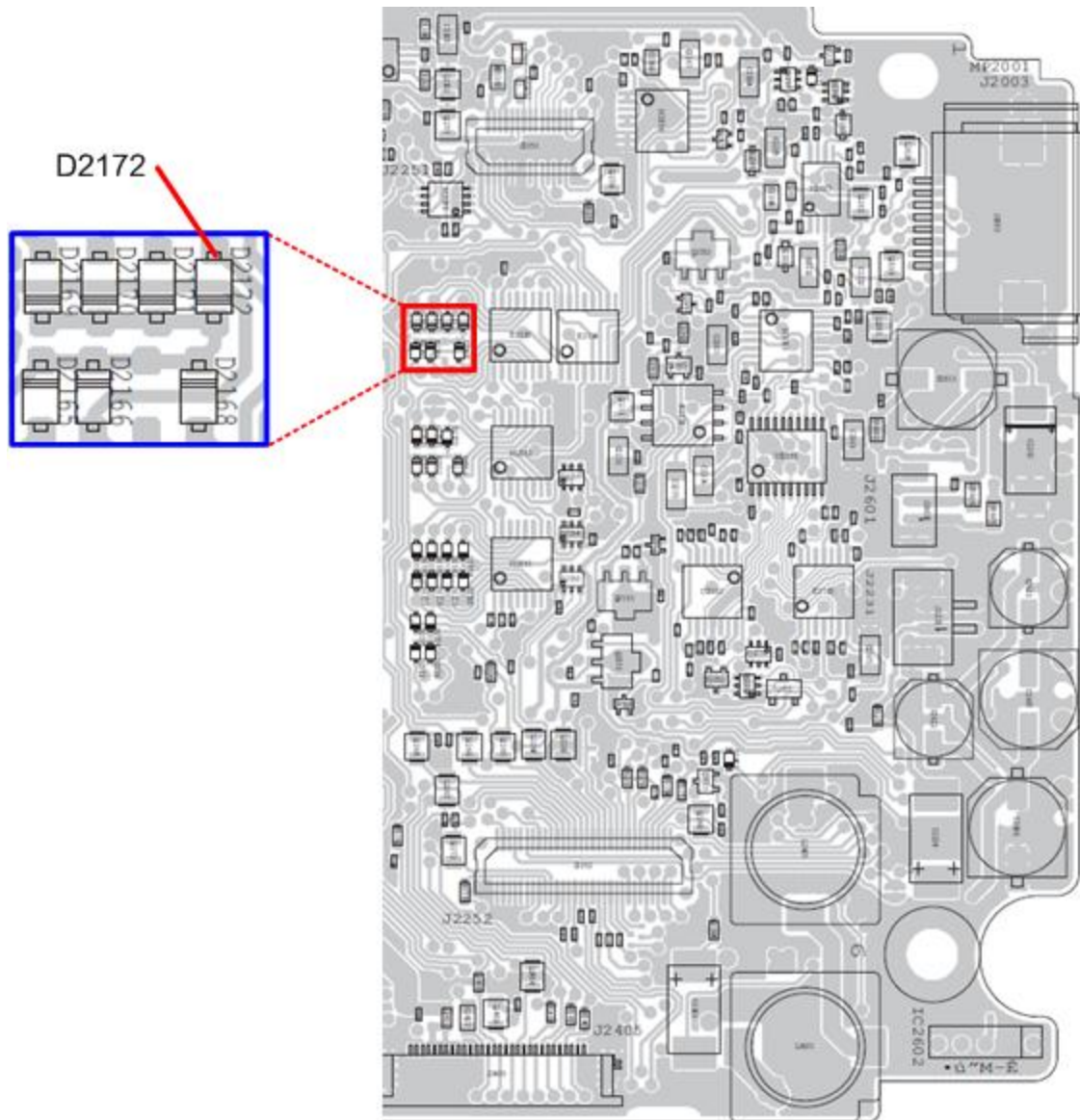
The modification must be performed by a qualified electronics technician.

1. Remove shield. The diode matrix on the main board is located under the metal shield. Good SMT (Surface Mount Technology) techniques must be used to remove the diode.

Main Board



Main Board Layout



2. Remove D2172.
3. Reinstall the Shield and reassemble the radio.