

M125 VHF MARINE TRANSCEIVER MIC MOD Gjkw2/14/01

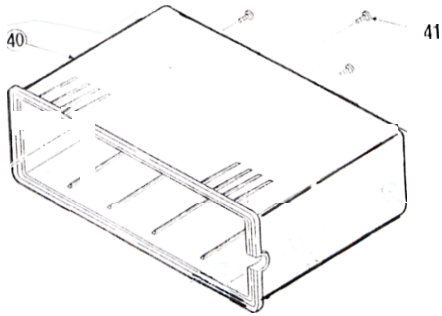
The original EMS2 and EMS3 microphones are no longer available. The M125 can be modified to accept a replacement HM114 hand microphone.

- 1- Remove the 6 screws on back of the M125 holding the case in place and slide the case off
- 2- Unplug the old mic from the MAIN board jack J1 and remove
- 3- Unsolder connector J1 (use extreme care to avoid board damage), then remove
- 4- Replace J1 with a (#936-05432) connector (make sure pins align 1 for 1 etc), solder
- 5- On bottom of MAIN board, jumper pin #1 to pin #7 on J1
- 6- Sleeve ends of a 4.7K resistor (#915-01171) and install between pin 5 of J1 and the (+) terminal of the 9volt regulator IC-12.
- 7- Thread new mic cord into radio, snug mic cord restraint into notch on side of chassis and plug into J1. The small 2 pin connector on the HM114 is not needed.
- 8- Reinstall previously removed case and screws

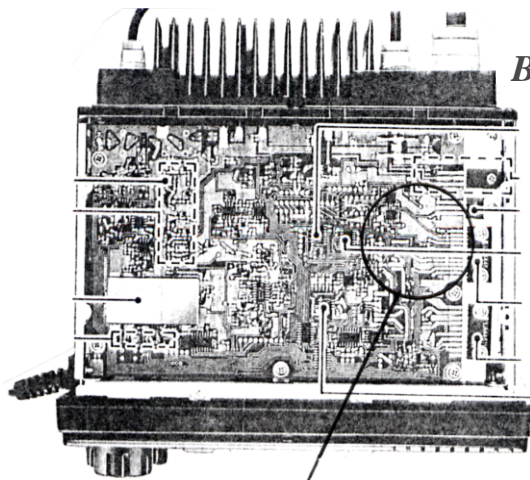
Note: Up/Down buttons will not function on the new mic



6 CASE SCREWS



BOTTOM VIEW



EXPLODED VIEW

**REMOVE
REPLACE J1**

