

TS-940 IF-10B/C Simple Installation Instructions:

You may want to look at the following pictures before starting the installation:

<http://www.piexx.com/ts940/ts940bc.jpg>

<http://www.piexx.com/ts940/inradio1.jpg>

<http://www.piexx.com/ts940/inradio2.jpg>

1. Remove the top cover from radio.
2. Remove the four screws holding down the metal bracket with the speaker, memory bank switch and vox controls. The Digital A board is located in a box under this metal bracket. Lay the speaker bracket over to the right side. There is no need to disconnect the wires going to the controls on this assembly.
3. Remove the 2 screws holding the inverter board to the top of the Digital A board enclosure. Again, lay this board to the side without disconnecting its wiring.
4. Remove the 8 screws from the Digital A board enclosure box cover , and remove the cover.
5. Align the new IF-10B/C board and cable assembly over the 2 metal standoffs mounted on the Digital A board. The board should be oriented with the ribbon cable facing the back of the radio and the 2 pigtail attaching cables towards the front. Screw the board in place with the supplied hardware. Obviously, if you are replacing an existing IF-10B board, it must be removed first!
6. Connect the 2 pig tail cables coming from the Digital A board to there mating receptacles on the new IF-10B/C board. These cables are marked 19 and 20 on the Digital A board. Do not twist the cables when installing them on the IF-10B/C, they should plug in straight on with the wires in the same order as the way the come off of the Digital A board.
7. Make sure the ribbon cable is fitted in the cutout slot at the rear of the Digital A enclosure box. There is a piece of heat shrink on the ribbon cable in the area where it will exit the box to deter scarring.
8. If there is no PROM chip in your transceiver in socket U20, install the JAC2 PROM provided with the kit in this position. The PROM should be oriented in the same direction as the other chips on the board, that is with its locating notch towards the left side of the radio when viewing the transceiver from the front.
9. Replace the cover on the Digital A board enclosure and reinstall the cover screws.
10. Remount the Inverter board on the cover plate.
11. Remount the speaker assembly bracket.
12. Orient the serial cable out the rear of the TS-940 transceiver. There is quite a large clearance between the top radio cover and the internal assemblies of the TS-940 in the center of the case, just to the left of the final amplifier assembly (when viewing the transceiver from the front). Orient the cable so it is lying flat and exiting the rear of the transceiver in this location. Again, there is a piece of heat shrink tubing on the ribbon cable in the area where it will exit the transceiver to prevent scarring of the cable.
13. Replace the top cover.
14. Play, lots, with your newly computer controlled TS-940.

