

FTS-27 Tone Squelch Unit Installation in the FT-2200 Series Transceivers

The FTS-27 includes a decoder for 38 EIA standard subaudible CTCSS tones, programmable from the front panel of the transceiver. It provides silent monitoring of busy channels when activated by the ENCode/DECode Tone Squelch function and is also used with the CTCSS Bell Paging feature. The FTS-27 may be installed after the DVS-3 unit, however, if installing both, we recommend installing the DVS-3 first. See the transceiver manual for operational details.

- ❑ Disconnect the power cable, and turn the set upside-down. Referring to Figure 1, loosen the four side screws, remove the four screws affixing the bottom cover, and remove the cover.
- ❑ Referring to Figure 2, locate unused 12-pin connector J1003 on the main unit near the control head (front panel).
- ❑ Peel the covering from one side of the double-sided tape provided with the FTS-27. If the DVS-3 is already installed, stick the tape on the bare space of that board. Otherwise, stick it on the top of the VCO housing (large metal can).
- ❑ Note in Figure 3 how the FTS-27 cable routes over the chassis compartmentation. Plug the FTS-27 cable into J1003. Then peel the covering from the exposed side of the tape, and press the FTS-27 onto it.

- ❑ The factory adjusts the output level (VR1 on the FTS-27) for the proper deviation, so it should require no further adjustment.
- ❑ Make sure the loudspeaker wires are routed away from the PA module, and replace the bottom cover and its 4 screws, and tighten the 4 side-screws.

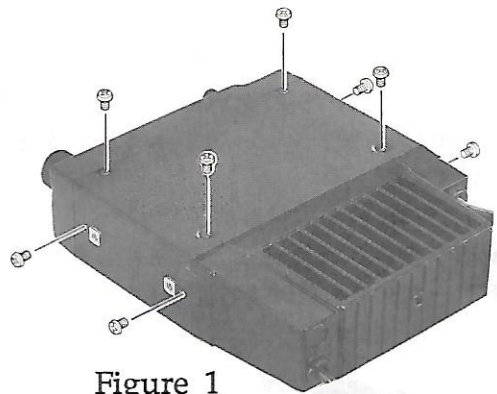


Figure 1

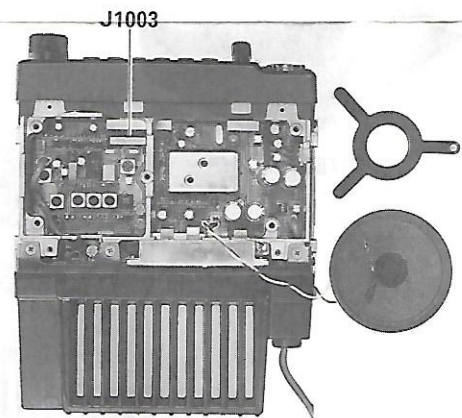


Figure 2

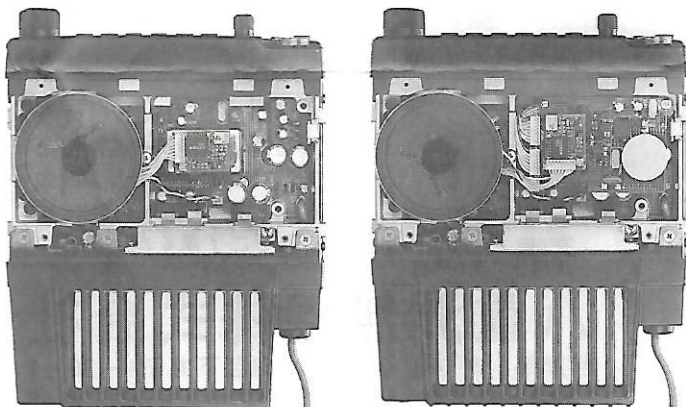


Figure 3

