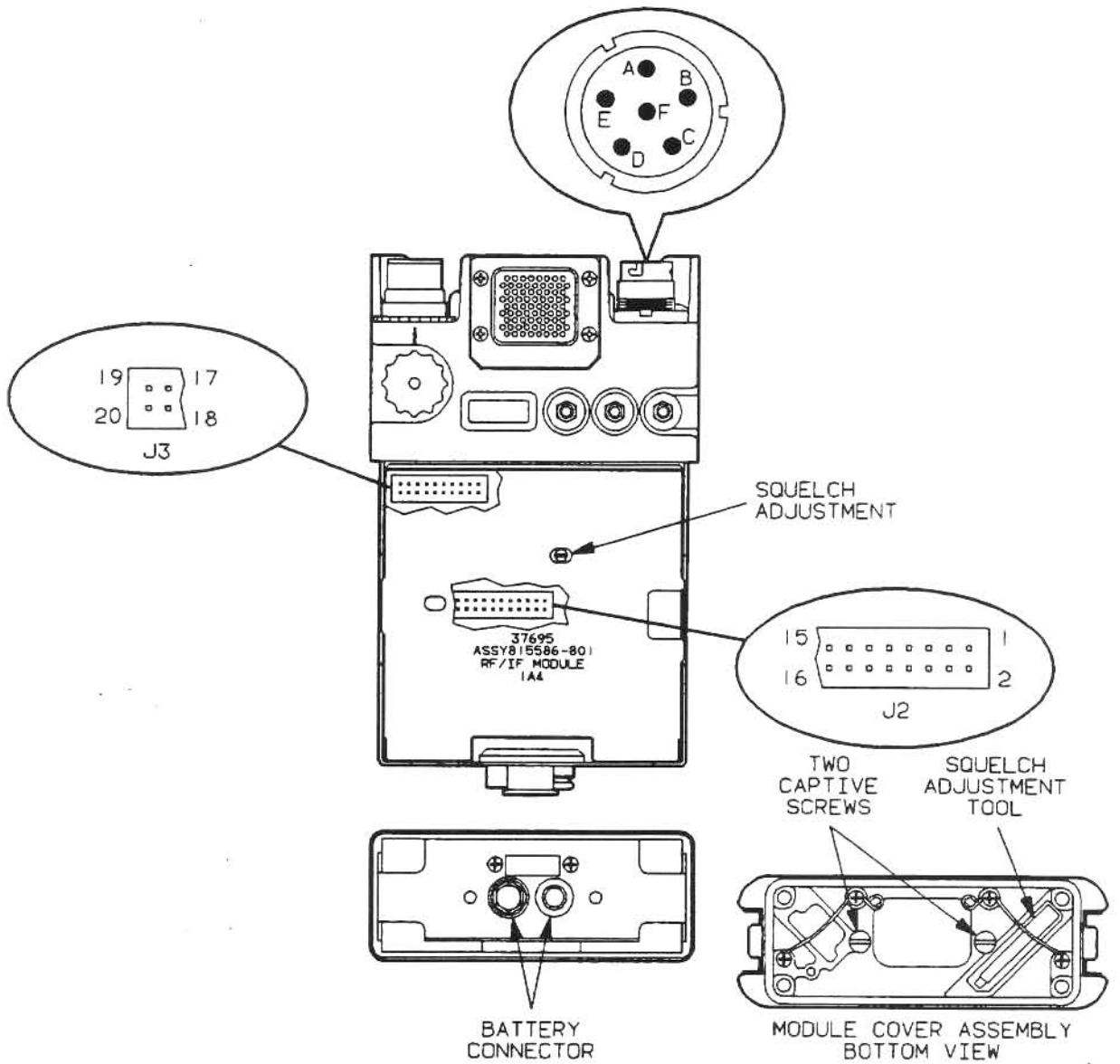


5-5 SQUELCH ADJUSTMENT PROCEDURES.

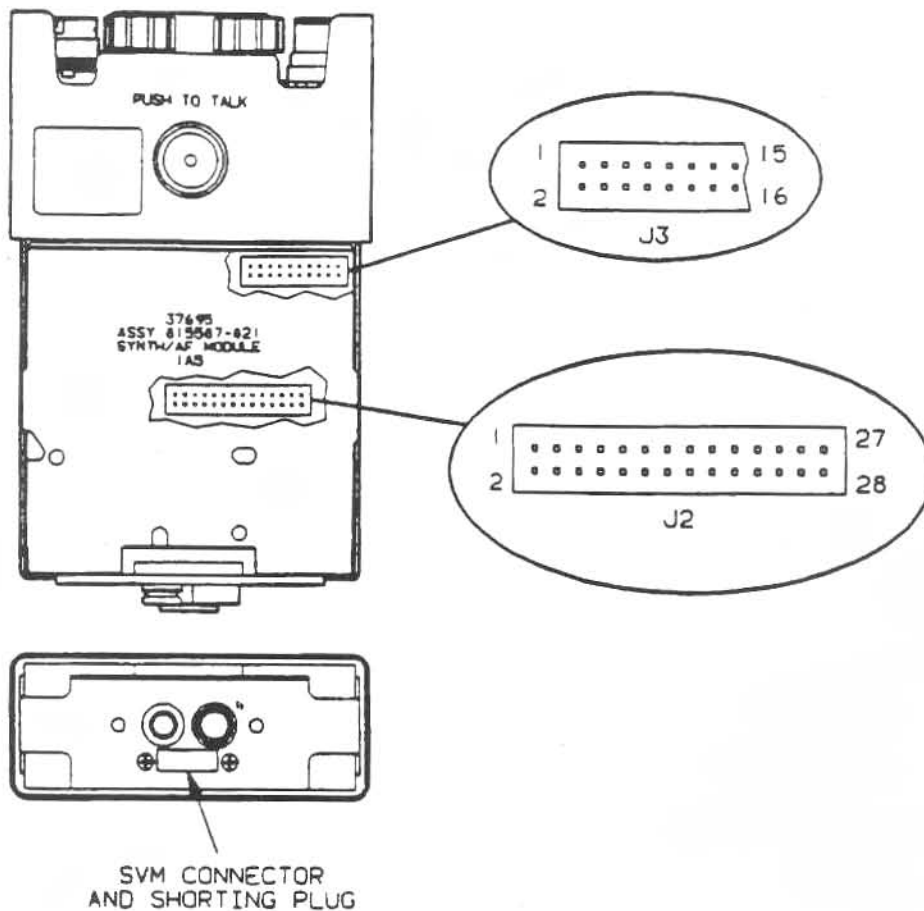
Perform the following adjustment procedure as instructed in the "fault isolation" column of table 5-2 or as required to obtain the desired operation from the radio set. Adjustment location is shown in figure 5-3. An adjustment tool is provided with the radio set and is stored in the bottom of the module cover. To gain access to the adjustment control, disassemble the radio set as follows:

- a. Unfasten latches on battery case and remove the battery case and battery (if installed).
- b. Remove module cover by turning the two captive screws counterclockwise (located on bottom of module cover).



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Figure 5-3. Radio Set Component Locations Diagram (Sheet 1 of 2)



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Figure 5-3. Radio Set Component Locations Diagram (Sheet 2 of 2)

NOTE

The squelch adjustment should not be made on a degraded channel (refer to para. 3-3) as the result would be reduced sensitivity on nondegraded channels due to higher squelch threshold level.

- c. Adjust squelch control with squelch adjustment tool (located under spring clip on the bottom of the module cover).
- d. Slowly adjust control clockwise until receiver completely quiets (no noise bursts), then continue to advance control one half turn clockwise.

5-6 PHYSICAL INSPECTION.

If the radio set fails to operate properly, perform a physical inspection of each item in accordance with the following paragraphs. Refer to para. 5-8 for Disassembly/Assembly procedures as required. Repair obvious defects before proceeding with in-depth fault isolation procedures.