

5.1 PARTS AND COMPONENTS

Check all parts and components against the "Parts List", Table 5-1. If you have difficulty in identifying any parts by sight, refer to Figure 3-1 on Page III-5 in Section III of this manual.

5.2 ASSEMBLY TIPS

For the most part the assembly tips given in Paragraph 3.2 of Section III (Page III-1) apply to assembling the Sol keyboard.

In addition, be sure your hands are clean before handling the circuit board, especially the area containing the keyboard switch pads.

5.3 ASSEMBLY PRECAUTIONS

For the most part the assembly precautions given in Paragraph 3.3 in Section III (Page III-6) apply to assembling the Sol keyboard.

5.4 REQUIRED TOOLS, EQUIPMENT AND MATERIALS

The following tools, equipment and materials are recommended for assembling the personality module:

1. Needle nose pliers
2. Diagonal cutters
3. Screwdriver (thin blade)
4. Controlled heat soldering iron, 25 watt
5. 60-40 rosin-core solder (supplied)

5.5 ORIENTATION

Light emitting diode location LED3 will be located in the lower left-hand corner of the board when locations J1 and U4 through U16 are at the top of the board. In this position the component (front) side of the board is facing up and all horizontal reading legends will read from left to right. Subsequent position references related to the keyboard circuit board assume this orientation.