6.1   INTRODUCTION

        This section covers assembly of the Sol-10 and Sol-20 chassis and cabinet. The instructions contained herein assume that you have already assembled the power supply and Sol-PC Single Board terminal Computer^{TM}...including the personality module and the Sol keyboard (Sol-KBD).

6.2   PARTS AND COMPONENTS

        Check all parts and components against the appropriate "Parts List(s)", Table 6-1 and 6-2. If you have any difficulty in identifying any parts by sight, refer to Figures 6-1 and 6-2 on Pages VI-4 and VI-4.

6.3   ASSEMBLY TIPS

6.3.1   General

        1. Scan Section VI in its entirety before you start to assemble your Sol cabinet-chassis.

        2. IT IS IMPORTANT that you follow the step-by-step instructions in the order given when assembling the Sol cabinet-chassis if your assembly is to be done correctly and with minimum effort.

        3. Assembly steps and component installations are preceded by a set of parentheses. Check off each installation and step as you complete them. This will minimize the chances of omitting a step or component.

        4. Should you encounter any problem during assembly, call on us for help if needed.

6.3.2   Electrical

        1. Use a low-wattage soldering iron, 25 watts maximum, for all soldering.

        2. Solder neatly and as quickly as possible.

        3. Use only 60-40 rosin-core solder. NEVER use acid-core solder or externally applied fluxes.

        4. (Sol-20 only.) DO NOT press tip of iron on pads or traces when installing components and/or attaching leads to a PC board. To do so can cause the pad or trace to "lift" off the board and permanently damage it.