

6.6 ASSEMBLY-TEST

NOTE

Instructions that apply only to the Sol-20 are preceded by an asterisk. Skip these instructions if you are assembling a Sol-10.

*6.6.1 Backplane Board (Sol-BPB) Assembly

Refer to Drawing No. 101000, Sheet 2.

- *(Step 1. Visually inspect Sol-BPB PC board for obvious flaws such as solder bridges (shorts) between traces, broken traces and similar defects.

If visual inspection reveals any defects, return the board to Processor Technology for replacement. If the board passes inspection, go on to Step 2.

- *(Step 2. Install VIKING 3KH50/9VC5 100-pin edge connector on top edge of PC board.

NOTE

This connector is supplied as a trouble-shooting aid. It is not critical to normal operation of the Sol-20.

Position connector on PC board so that its pins are aligned with the traces on the board. While holding the connector

NOTE

You may have to bend the connector pins slightly so that both rows of pins are in light contact with the traces on the board. DO NOT CLOSE CONNECTOR PINS SO MUCH THAT YOU WILL DAMAGE THE TRACES WHEN PLACING THE CONNECTOR OVER THE EDGE OF THE BOARD.

and board in position, place board (solder side down) on a book, or other flat surface that is higher than your work surface, so the connector extends fully over the edge. That is, the connector should not rest on the book. Reposition connector if needed to align the pins and traces. On the component (front) side of board, solder a pair of pins at each end of the connector to their respective traces on the

(Step 2 continued on Page VI-8.)