

PROCESSOR TECHNOLOGY CORPORATION

Sol-PC SINGLE BOARD TERMINAL COMPUTERTM

SECTION III

CAUTION

DO NOT CONNECT THE Sol-PC VIDEO OUTPUT TO A MONITOR OR TV RECEIVER THAT IS NOT EQUIPPED WITH AN ISOLATION TRANSFORMER. (SEE PAGE AVI-7 IN APPENDIX VI.)

- (✓) Set VR2 (VERT) and VR1 (HORIZ) on the Sol-PC to their mid-range settings. Turn monitor on and apply power to the Sol-PC.

- (✓) The display raster will be pulled in. Using the monitor Vertical Hold, you should be able to obtain a slow roll (black horizontal bar moves slowly down the screen) and a stationary raster. Using the monitor Horizontal Hold, you should be able to adjust for an out of sync raster (numerous black lines cutting across the raster) and a stable raster. If you cannot obtain these conditions, locate and correct the cause before proceeding.

NOTE

For a stable presentation, a few monitors (especially modified TV sets) may require a higher sync amplitude than that supplied by the Sol-PC. In such cases, increase sync amplitude by reducing the value of R80. DO NOT DECREASE R80 BELOW 225 OHMS.

- (✓) If the synchronization circuits are operating correctly, turn monitor and power supply off, disconnect the power cable and go on to Step 27.
- (✓) Step 27. Install the following IC's in the indicated locations. Pay careful attention to the proper orientation.

NOTE

Dots on the assembly drawing and PC board indicate the location of pin 1 of each IC.

(Step 27 continued on Page III-23.)