

- () Step 27. Install Sol-PC in expansion chassis.

Position Sol-PC on bottom of expansion chassis with J1, J2 and J6 through J9 at the rear. Align threaded standoffs on bottom of Sol-PC with the oblong holes in the bottom of the main chassis.

Attach Sol-PC to chassis with eight 4-40 x 5/16 binder or pan head screws and #4 lockwashers. Place washer on screw and drive screw loosely into standoff from bottom of main chassis. Leave all eight screws loose.

- () Step 28. Connect Sol-PC composite video output cable to expansion chassis coaxial connector.

- () Step 29. Affix black finger well label to left side of main chassis in same manner as you did the right side. (See Step 17.) MAKE SURE LABEL DOES NOT OBSTRUCT ANY OF THE COOLING VENTS.

- () Step 30. Using three 8-32 x $\frac{1}{2}$ and two 8-32 x 1 binder or pan head screws, attach left side walnut-masonite assembly to main chassis as shown in Drawing No. 101000. Insert screws from inside surface of chassis and drive into the plastic inserts you installed in Step 8. Note that the two front screws (8-32 x $\frac{1}{2}$) are driven through the main chassis, the uppermost screw (8-32 x $\frac{1}{2}$) is driven through the expansion chassis, and the two lower rear screws (8-32 x 1) are driven through both the expansion chassis and main chassis.

- * () Step 31. Install left and right backplane right angle brackets (light gauge brackets) on expansion chassis side walls. Refer to Figure 6-6 on Page VI-16.) These two brackets are installed just to the front of the card guides and should be positioned as shown in Figure 6-6. Attach each bracket to the chassis with three #6 x $\frac{1}{4}$ sheet metal screws. USE THE SCREWS YOU USED IN STEP 19 TO PRETHREAD THE HOLES.

- * () Step 32. Install backplane circuit board (Sol-BPB). The photograph in Figure 6-7 on Page VI-17 shows the backplane board installed.

- * () Position Sol-BPB with 100-pin male edge connector down and the five female edge connectors facing the card guides. The board should rest against the front face of the right angle brackets as shown in Figure 6-6. Adjust position of Sol-PC as needed so that you can plug the Sol-BPB edge connector into J11 on the Sol-PC.

- * () Align holes on left and right ends of Sol-BPB with those in right angle brackets.

(Step 32 continued on Page VI-17)