

## PROCESSOR TECHNOLOGY CORPORATION

## Sol PERSONALITY MODULE

## SECTION III

- (↓) Measure between edge connector pin B2 (back side, second pin from top) and pin B1 (back side, top pin). You should measure more than 1M ohms. A reading less than 10K ohms indicates a short.
- (↓) If either measurement indicates a short, find and correct the problem before proceeding to Step 6.
- (↓) Step 6. Using two 2-56 x 1/8 binder head screws, install handle bracket (Sol-1045). Position bracket on front (component) side of board at the right end as shown in Figure 4-2. Align bracket holes with mounting holes in board, insert screws from back (solder) side of board and drive into bracket. No nuts are needed since the bracket holes are tapped.

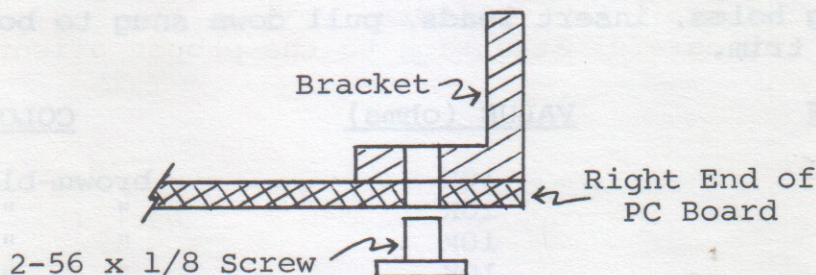


Figure 4-2. Handle bracket (Sol-1045) installation.

- (✓) Step 7. If 5204A EPROM's are supplied with your kit, go on to Step 8. If 5204Q EPROM's are supplied, install jumpers (#24 bare wire may be used) in the four J1 locations. These are located just below U3, to the left of R5, to the right of R1 and to the right of R2.
- ( ) Step 8. Stop assembly at this point and proceed with Sol-PC assembly and test up through Step 48. (See Section III.) Then go on to Step 9 of this procedure.
- (✓) Step 9. Plug personality module into J5 on Sol-PC, apply power to Sol-PC and make the following voltage measurements on the personality module:

<u>MEASUREMENT POINT</u>	<u>VOLTAGE</u>
Pin 1 of U1 Socket	+5 V dc $\pm 5\%$
Pin 4 of U1 Socket	+5 V dc $\pm 5\%$
Pin 12 of U1 Socket	+5 V dc $\pm 5\%$
Pin 1 of U2 Socket	+5 V dc $\pm 5\%$

(Step 9 continued on Page IV-6.)