CAUTION

SOME MOS INTEGRATED CIRCUITS ARE USED ON THE Sol KEYBOARD. THEY CAN BE DAMAGED BY STATIC ELECTRICITY DISCHARGE. HANDLE MOS IC's SO THAT NO DISCHARGE FLOWS THROUGH THE IC. AVOID UNNECESSARY HANDLING AND WEAR COTTON, RATHER THAN SYNTHETIC, CLOTHING WHEN YOU DO HANDLE MOS IC's. (STATIC CHARGE PROBLEMS ARE MUCH WORSE IN LOW HUMIDITY CONDITIONS.)

(✓ Step 1. Install DIP sockets. Install each socket in the indicated location with its end notch oriented as shown on the circuit board and assembly drawing. Take care not to create solder bridges between the pins and/or traces. (Refer to "Installation Tip" on Page III-9 in Section III.)

LOCATION	TYPE SOCKET
(✓ U1 and 2	16 pin
(✓ U3	8 pin
(✓ U4 through U11	14 pin
(✓ U12	16 pin
(✓ U13 through U16	14 pin
(✓ U17 through U19	16 pin
(✓ U20	22 pin
(✓ U21 and 22	16 pin
(✓ U23 through U27	14 pin

(✓ Step 2. Install the following capacitors in the indicated locations. Take care to observe the proper value, type and orientation (if applicable) for each installation. Insert leads, pull down snug to board, bend leads outward on solder (back) side of board, solder and trim.

NOTE

Disc capacitor leads are usually coated with wax during the manufacturing process. After inserting leads through mounting holes, remove capacitor and clear the holes of any wax. Reinsert and install.

LOCATION	VALUE	TYPE	ORIENTATION
(✓ C1	15 ufd	Tantalum	"+" lead top
(✓ C2	.047 ufd	Disc	None
(✓ C3	.1 ufd	Mylar	"

(Continued on Page V-5.)