

- (✓) Step 43. Connect green lead from AC receptacle (mounted on fan closure plate) to power supply subchassis assembly as shown in Drawing No. 105001. (Use the #6 x $\frac{1}{4}$ sheet metal screw with which you prethreaded the middle Sol-REG heat sink mounting hole in Step 29.) Place lug on screw and drive screw into the middle Sol-REG heat sink mounting hole.
- (✓) Step 44. Route black transformer leads along side wall of power supply subchassis out toward the Sol-REG heat sink. (See Figure 2-4.) Attach one lead to pin 2 of the commoning block (mounted on fan closure plate) nearest the fan. Attach other lead to pin 3 of the other commoning block.
- (✓) Step 45. Using a #6 x $\frac{1}{4}$ sheet metal screw, attach fan closure plate to power supply subchassis as shown in Drawing No. 105001.
- (✓) Step 46. Push on-off switch in and out to determine the OFF position (switch mechanically out). With switch in OFF position, connect AC power cord to AC receptacle. Then plug power cord into 110 V ac outlet.
- (✓) Step 47. Test power supply for proper operation.
 - (✓) Make sure on-off switch is in OFF position.
 - (✓) Install fuse in fuse holder.

CAUTION

NEVER INSTALL OR REMOVE FUSE WITH POWER ON.

- () Check connector on Sol-PC power cable (4 wire) to insure it is wired as shown in Figure 2-6.
- * (✓) Check connector on Sol-20 power cable (5 wire) to insure it is wired as shown in Figure 2-7.
- (✓) Turn on-off switch ON.
- () Measure the voltages at the Sol-PC connector at the points indicated in Figure 2-6. The voltages must be as given in Figure 2-6.

NOTE

Do not take voltage measurements at any other points in the power supply, even though they may be more accessible. It is important that the indicated voltages be available at the connector.