

PROCESSOR TECHNOLOGY CORPORATION

Sol POWER SUPPLY

SECTION II

Position FWB3 (MDA980-1) on power supply subchassis as shown on Drawing No. 105001. BE SURE NEGATIVE (-) TERMINAL OF FWB3 is next to transformer. Insert a 6-32 x $\frac{1}{2}$ binder or pan head screw from bottom of subchassis, place #6 lockwasher on screw and secure with 6-32 hex nut.

*(✓) Step 34. Connect blue transformer wires to unmarked terminals of FWB3.

*(✓) Step 35. Install large ($2\frac{1}{2}$ ") mounting ring for C9 (54,000 ufd capacitor) on side wall of power supply subchassis as shown on Drawing No. 105001.

Position ring over the three mounting holes in the side wall of subchassis so the clamping screw faces the bottom of subchassis and so it will be accessible from the Sol-REG end of the subchassis. Insert three 6-32 x $\frac{1}{2}$ binder or pan head screws from outer side of side wall through the mounting holes. Place #6 lockwasher on each screw and secure with 6-32 hex nut. Figure 2-5 shows an assembled Sol-20 power supply subchassis.

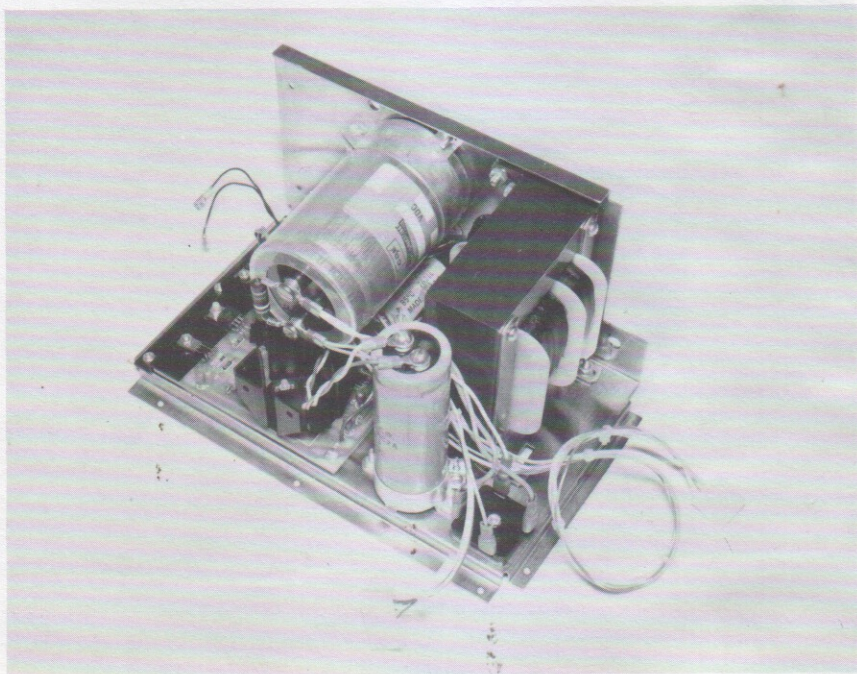


Figure 2-5. Sol-20 power supply subchassis assembly.
(Rear of subchassis at left.)

(✓) Step 36. Install small ($1\frac{1}{2}$ ") mounting ring for C8 (18,000 ufd capacitor) as shown on Drawing No. 105001.

(Step 36 continued on Page II-17.)