

SEE FIGURE 11.

- ☒ R-17, 4.7K resistor (yellow, violet, red). Cut one lead so it is $\frac{1}{2}$ " long. Solder this lead to the terminal of J-7 (3 wires). Leave the other lead free, it will be connected later.

NOTE: Coils L-21 and L-22 are identical. These two coils are the coils without any other dot. *Base Dot*

- ☒ L-22, 2.2 μ hy coil. Solder one lead to terminal 1 of TS-5 (2 wires). Connect the other lead to terminal 1 of TS-4.
- ☒ L-21, 2.2 μ hy coil. Connect one lead to terminal 2 of TS-5. Connect the other lead to terminal 2 of TS-4.
- ☒ C-45, .001 μ f disc capacitor. Connect one lead to terminal 1 of TS-4. Connect the other lead to terminal 2 of TS-4.
- ☐ C-44, .001 μ f disc capacitor. Solder one lead to terminal 2 of TS-4 (3 wires). Connect the other lead to terminal 3 of TS-4.
- ☒ Red wire. Solder one end to terminal 3 of TS-4 (3 wires). Solder the other end to terminal 2 of the fuse holder.
- ☒ C-29, .005 μ f disc capacitor. Position the capacitor in the center of tube socket V-8 as shown. Solder one lead to pin 4 of V-8. Connect the other lead to pin 2 of V-8.
- ☒ 1" piece of the small bare wire. Solder one end to pin 8 of V-8. Connect the other end to pin 2 of V-8.
- ☒ Orange wire. Connect one end to pin 7 of V-8. Solder the other end to pin 7 of V-7 (2 wires).
- ☒ Yellow wire. Solder one end to pin 1 of V-8. Connect the other end to pin 1 of V-7.
- ☒ Yellow wire. Connect one end to pin 3 of V-8. Connect the other end to pin 3 of V-7.
- ☒ 1" piece of the small bare wire. Solder one end to pin 8 of V-7. Connect the other end to pin 2 of V-7.
- ☒ C-26, .005 μ f disc capacitor. Position the capacitor in the center of tube socket V-7 as shown. Solder one lead to pin 4 of V-7. Connect the other lead to pin 2 of V-7.
- ☐ C-24, .005 μ f disc capacitor. Connect one lead to terminal 2 of TS-3. Connect the other lead to terminal 3 of TS-3.
- ☒ R-11, 560K, 5% resistor (green, blue, brown, gold). Solder one lead to terminal 2 of TS-3 (2 wires). Connect the other lead to terminal 3 of TS-3.
- ☒ Orange wire. Solder one end to terminal 1 of R-32. Connect the other lead to terminal 6 of TS-2.
- ☒ Go back and check the wiring for poor solder joints and proper connections before continuing.

SEE FIGURE 12.

PREWIRING S-2

- ☒ S-2, the 4-wafer switch. Position the switch with the locating tab as shown in Figure 12.

- ☒ Cut a $\frac{1}{4}$ " piece of the small bare wire. Solder one end to terminal 2 of S-2A. Insert the other end through terminal 3 of S-2A and connect to terminal 4 of S-2A. Solder terminal 3 of S-2A.

- ☐ L-6, coil (marked with a violet dot) and R-40, 4.7K resistor (yellow, violet, red). Wrap the leads of R-40 around the leads of L-6 as close to the coil form as possible. Clip the excess and solder the leads of R-40 to those of L-6 as shown in Figure 12.

- ☒ L-6 and R-40. Cut one of the leads from L-6 to $\frac{3}{4}$ " long. Solder this lead to terminal 1 of S-2A. The other lead from the two components will be connected later.

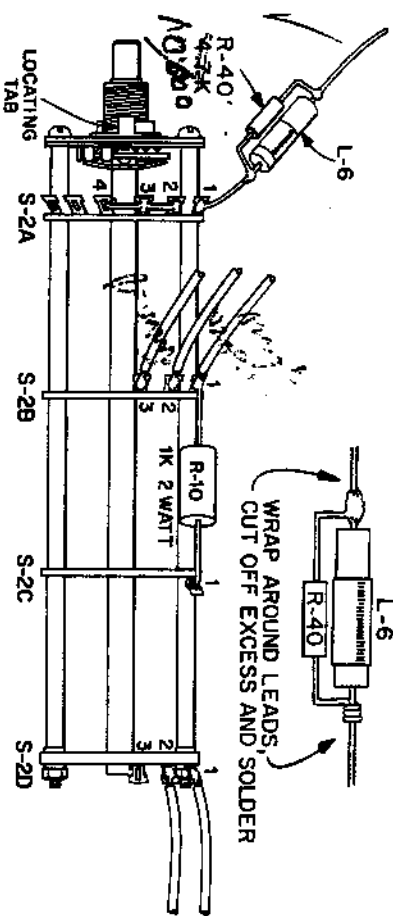


FIGURE 12. PREWIRING S-2

- ☒ R-10, 1K, 2 watt resistor (brown, black, red). Connect one lead to terminal 1 of S-2B. Connect the other lead to terminal 1 of S-2C.
- ☒ Orange wire. Solder one end to terminal 1 of S-2B (2 wires). The other end will be connected later.
- ☒ Violet wire. Solder one end to terminal 2 of S-2B. The other end will be connected later.
- ☐ Brown wire. Solder one end to terminal 3 of S-2B. The other end will be connected later.
- ☒ $3\frac{1}{2}$ " heavy bare wire. Solder one end to terminal 1 of S-2D. The other end will be connected later.
- ☒ Yellow wire. Solder one end to terminal 2 of S-2D. The other end will be connected later.