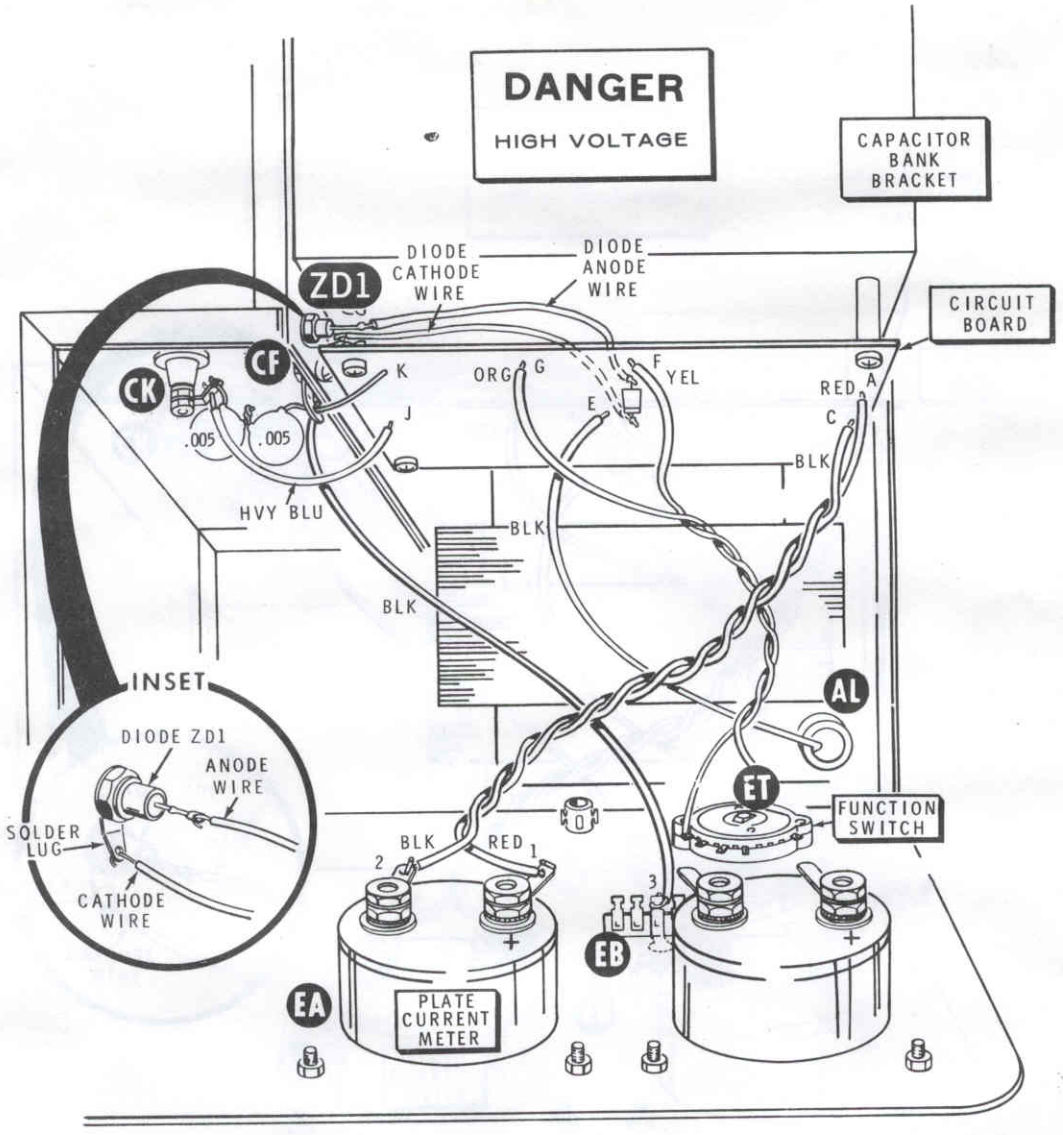
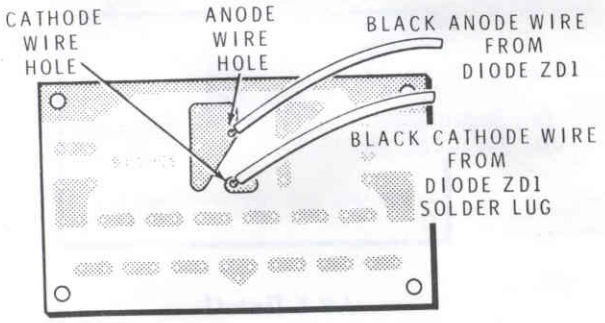


PICTORIAL 4-8

Heathkit®



Detail 4-8A

Refer to Pictorial 4-8 for the following steps.

( ) C7: Pass on lead of a .005 µF capacitor through solder lug CF (NS) to hole K in the circuit board (S-1).

( ) C9: Connect one lead of a .005 µF capacitor to the free lead of capacitor C7 (S-2). Connect the other lead of this capacitor to solder lug CK (NS).

( ) Connect the heavy blue wire coming from hole J in the circuit board to solder lug CK (S-2).

Connect the yellow and orange twisted wires coming from Function Switch ET to the circuit board as follows:

( ) Orange wire to hole G (S-1).

( ) Yellow wire to hole F (S-1).

( ) Connect the black wire coming from terminal strip EB to solder lug CF (S-3).

Connect the black and red twisted wires coming from the circuit board to Plate Current meter EA as follows:

( ) Red wire to lug 1 (S-2).

( ) Black wire to lug 2 (S-2).

Refer to the inset drawing of Pictorial 4-8 and Detail 4-8A for the next two steps.

( ) Connect the black cathode wire, coming from the solder lug of diode ZD1, to the foil side of the circuit board (S-1). Detail 4-8A shows the foil pattern.

( ) Connect the black anode wire, from diode ZD1 to the foil side of the circuit board (S-1). Refer to Detail 4-8A for the foil configuration.

( ) Insert the black stranded wire coming from hole E in the circuit board down through grommet AL.

( ) Peel off the backing paper from the red "DANGER HIGH VOLTAGE" label and press it into place on the top of the capacitor bank bracket.