

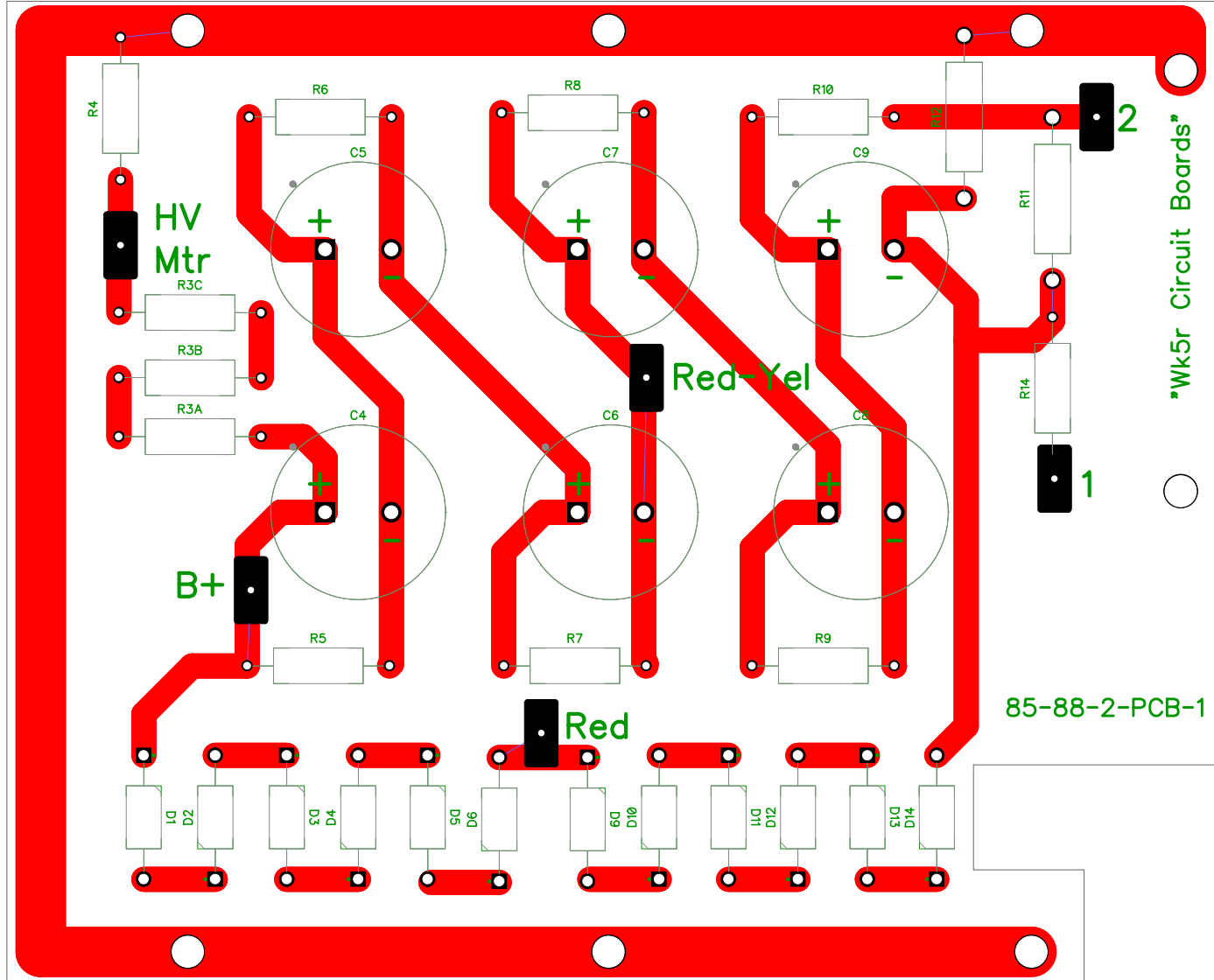
SB-200/201-PCB-1 Installation Instructions

Remove all the connections to the board noting the wire colors as the may have changed if someone has worked on the amp before. Then remove all of the screws holding the board in the amp, save them you will need them to mount the new board. If you have not already done so assemble the new board using the board diagram, and the bill of materials if you bought the board only, or the kit form. If you bought the kit form all parts are provided. If you bought the fully assembled board go to the next step. There not as many diodes as the original because I use heavier diodes so you don't need as many. The stars on the diagram show the orientation of the diodes, they indicate the anode end of the diodes, the end with the line. The + and - signs indicate the polarity of the capacitors. All parts go in from the trace side of the board. You will not need the three 4.7 meg resistors that were soldered together in series, and connected to the board as they will be soldered on the board, they are R3A,R3B, and R3C. Once the board is assembled, place it in the amp and secure it with the screws that were securing the old board. You may want to use a second set of nuts for spacers to make sure that nothing shorts to the chassis. You can check this by using a ohm meter to check continuity between pad 2 and the chassis. There should not be any. Then connect all of the wires back using the wiring diagram. You may need to extend or replace the wire that was connecting the 3 4.7 meg resistors to the point where the opposite end of the resistors were connected, not the end connected to board. The wire will now go from this point all the way to the board on the solder tab marked HV meter. Remove R4 from the point to ground as it is already taken care of on the board. Once you have made all of the connections, you should be ready to test your amp.

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SB-200/201-PCB-1 Bill of Materials

#	RefDes	Value	Quantity
1	C4, C5, C6, C7, C8, C9	220uf @ 450volts	6
2	D1, D2, D3, D4, D5, D6, D9, D10, D11, D12, D13, D14		12
3	R4	15K @ 2watts	1
4	R5, R6, R7, R8, R9, R10	100K @ 2watts	6
5	R3A, R3B, R3C	4.7 meg @ 2watts	3
6	R12	1 ohm @ 5watts	1
7	R11	700 ohms @ 5 watts	1
8	R14	3.6K @ 2watts	1



SB-200/201-PCB-1 Wiring Diagram

HV Meter	The wire from the HV position on the meter switch via the point where the opposite end of R3 from the old board was connected.
B+	High voltage wire from RFC 1
Red	Red wire from transformer
Red/Yel	The red and yellow wire from the transformer
1	The wire from position 2 on the meter switch
2	The wire that goes to the junction of C40, and the anode end of D18 in the ALC circuit