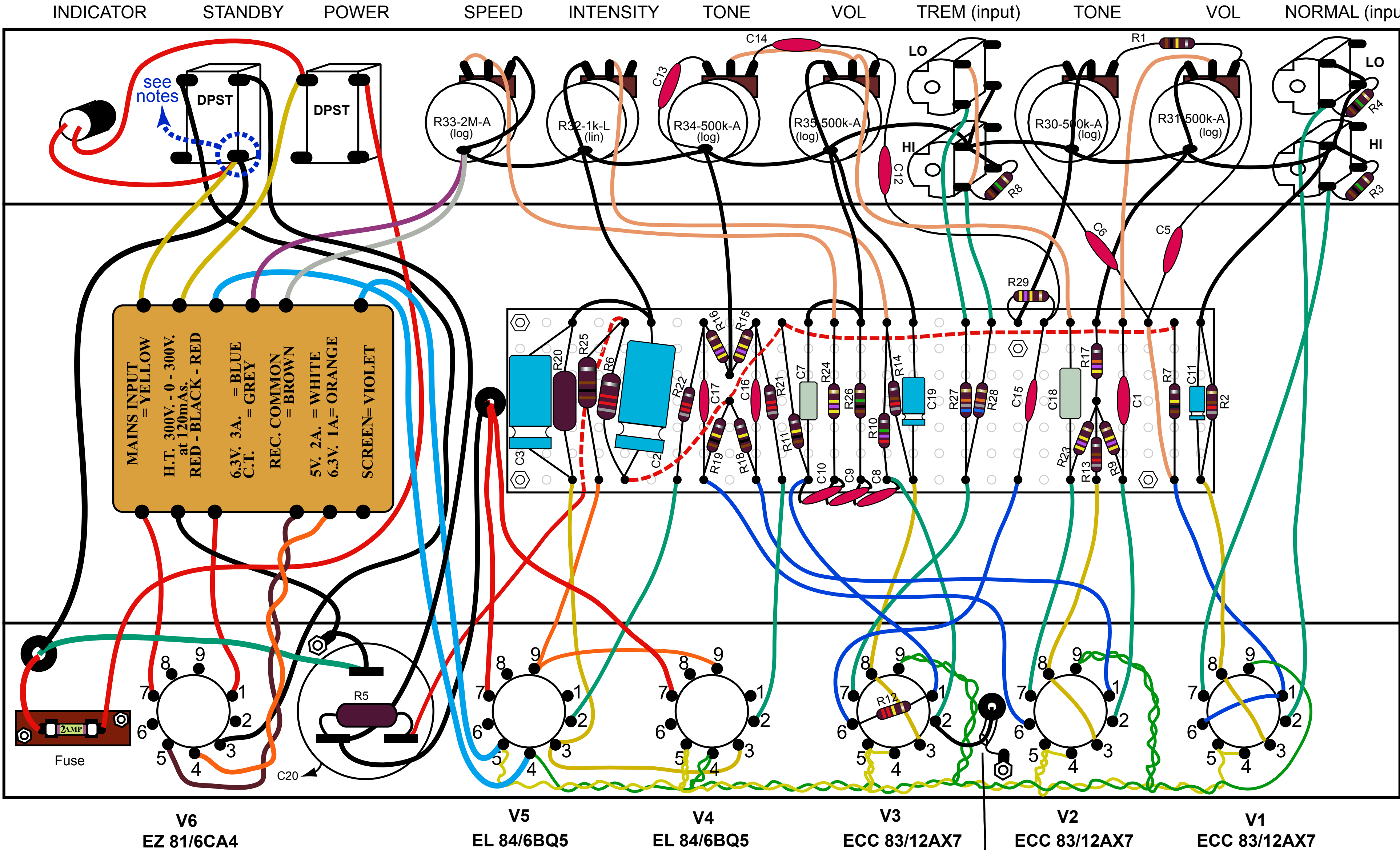


18 WATT LAYOUT (original)

revized: April 27, 2004

NOTES:

- This layout represents the original stock 18 Watt Combo. It was traced down after Ian's original 2x12 combo. It has no improvements, or value changes, etc.
- For neatness and easier representation, the transformer leads are not routed under the board.
- Note that the third lug on the STANDBY, is used only as a convenient spot to solder those wires. There is no electrical connection to the active STANDBY, switch lugs. These are normal DPST switches, but only the upper lugs are used for the active connections. In other words you can use a simple switch for these. Apparently the factory had these switches at hand, and decided to use them.
- Electrically, the circuit is identical with the original.



other values:

component	value	variant
R1	100k	
R2	820	
R3	1m	
R4	1m	
R5	1.5k	
R6	8.2k	
R7	100k	
R8	1m	
R9	470k	
R10	2.7m	2.2m
R11	100k	
R12	220k	
R13	820	
R14	820	
R15	470k	
R16	470k	
R17	47k	
R18	100k	
R19	100k	
R20	125	
R21	8.2k	
R22	8.2k	
R23	470k	
R24	470k	
R25	100	
R26	1m	
R27	68k	
R28	68k	
R29	470k	

component	value	variant
C1	0.01µF	
C2	16µF	
C3	500µF/50v	
C4	---	
C5	0.005µF	
C6	0.01µF	
C7	0.05µF	
C8	0.01µF	
C9	0.01µF	
C10	0.01µF	
C11	50µF	
C12	0.005µF	
C13	0.005µF	
C14	470pF	
C15	0.005µF	
C16	0.01µF	
C17	0.01µF	
C18	0.022µF	
C19	50µF	
C20	32µF+16µF	