

Values of R56, C37, and C38 have yet to be determined. Voice these to make moderate metal crunch when used with a bridge position humbucker of a Les Paul when boosting the Kick channel. "Single Coil 2" values are dialed in.

Value of R58 to be set where when boost level is in the full on position it's not boosted to the extent it gets ugly.

Value of R59 to be set where when boost level is in the full off position the amp has unity gain with the boost bypassed.

With Bright switch on, SW1a is open and SW1b is closed.

Note that the switching is not worked out yet, what's here is only to show how the switching should function. It needs to be determined if relays or a optoisolator type switching should be employed. One potential problem to be resolved is switching without popping noises. Solving the switching scheme should involve determining a common footswitch assembly already available on the market.

A switching scheme that I thought might be a cool one is where you have 4 footswitches, they are:

- Switch #1, Spank Channel without boost.
- Switch #2, Kick Channel without boost.
- Switch #3, Spank Channel boosted.
- Switch #4, Kick Channel boosted.

PREAMP

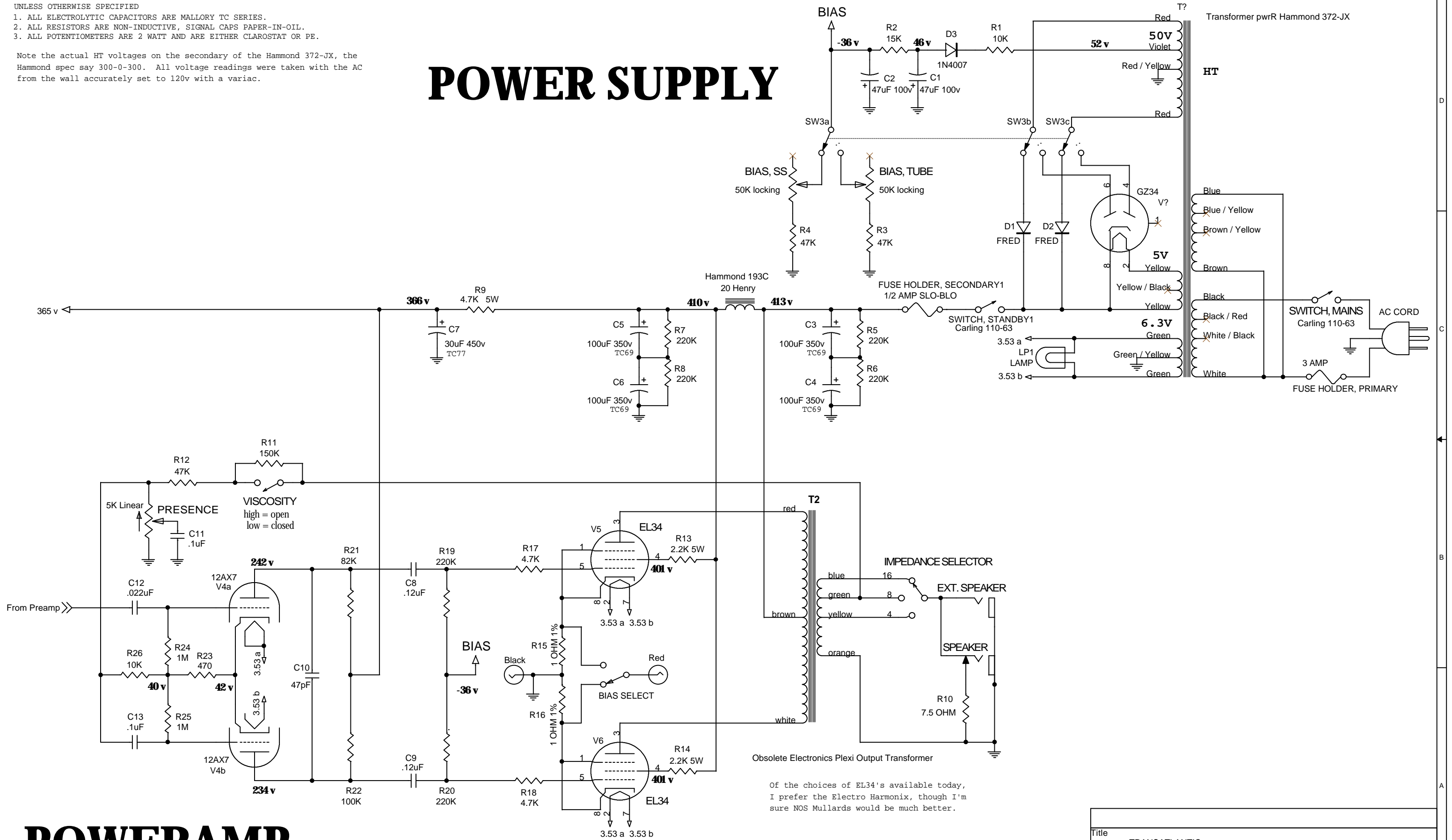
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UNLESS OTHERWISE SPECIFIED

1. ALL ELECTROLYTIC CAPACITORS ARE MALLORY TC SERIES.
2. ALL RESISTORS ARE NON-INDUCTIVE, SIGNAL CAPS PAPER-IN-OIL.
3. ALL POTENTIOMETERS ARE 2 WATT AND ARE EITHER CLAROSTAT OR PE.

Note the actual HT voltages on the secondary of the Hammond 372-JX, the Hammond spec say 300-0-300. All voltage readings were taken with the AC from the wall accurately set to 120v with a variac.

POWER SUPPLY



POWERAMP

Of the choices of EL34's available today, I prefer the Electro Harmonix, though I'm sure NOS Mullards would be much better.

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