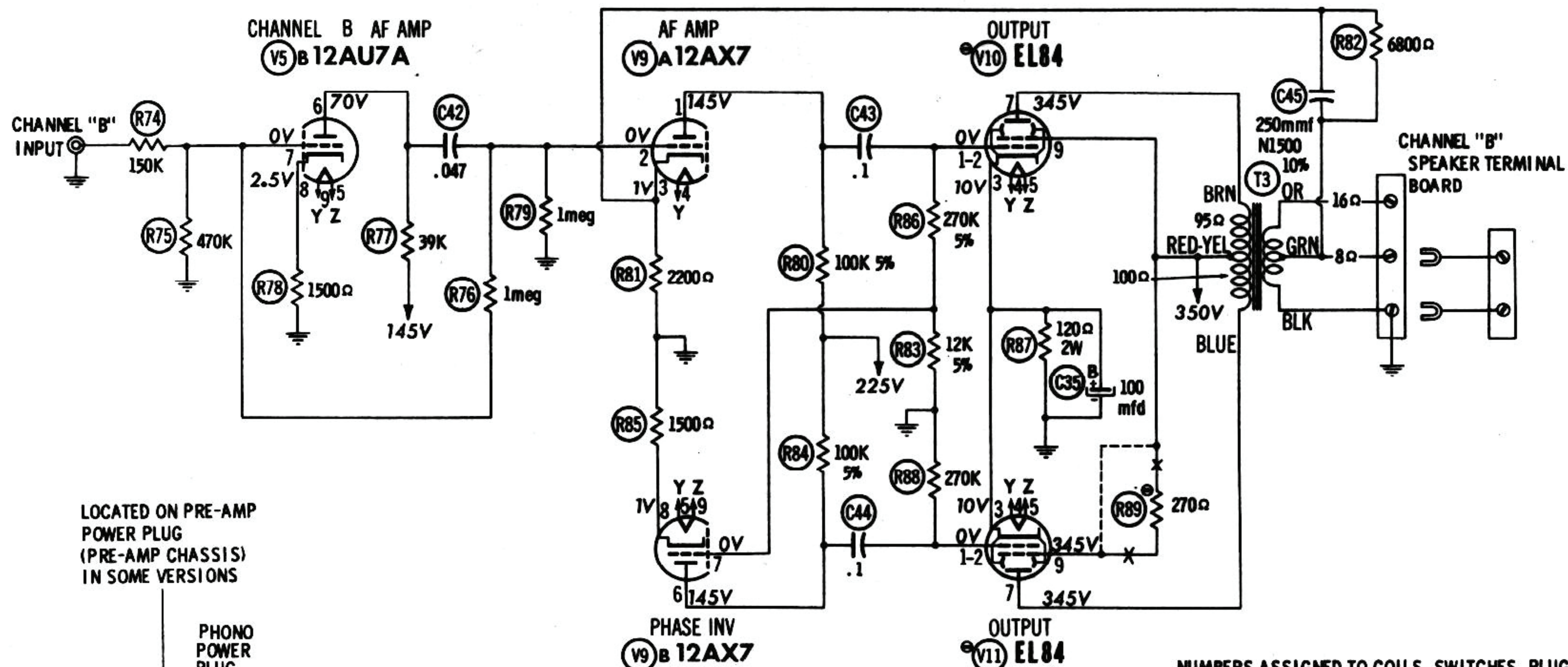
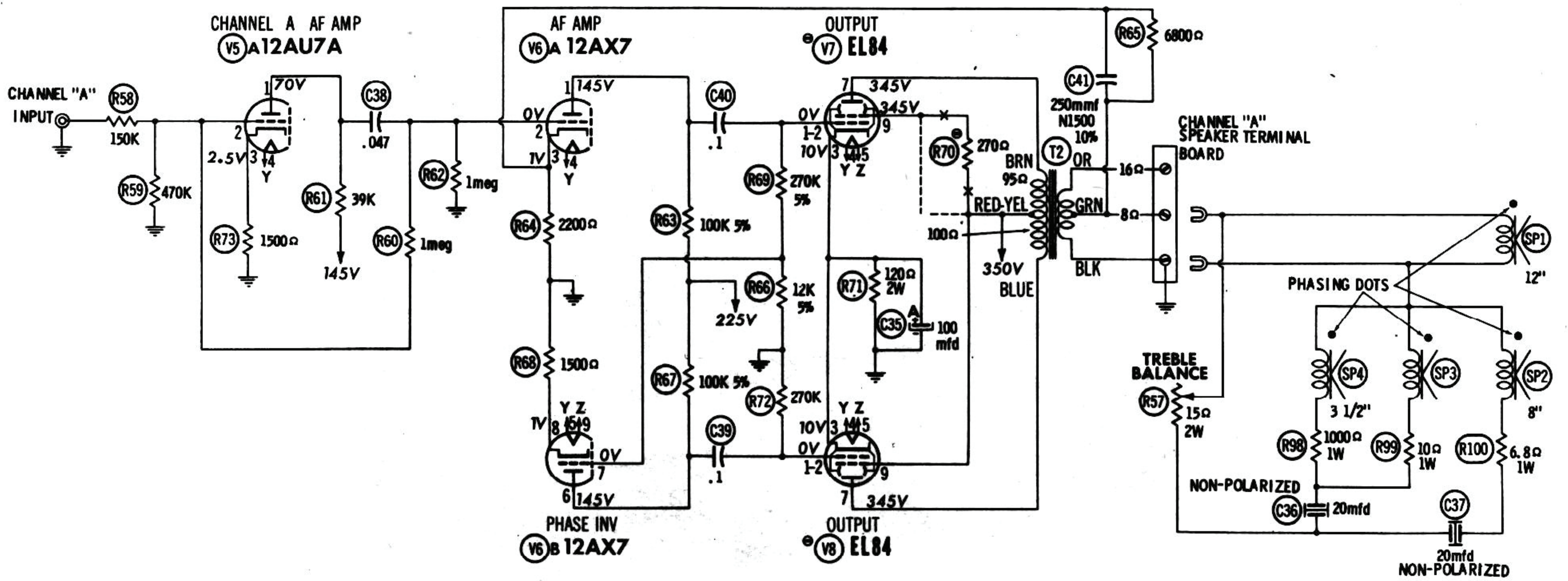
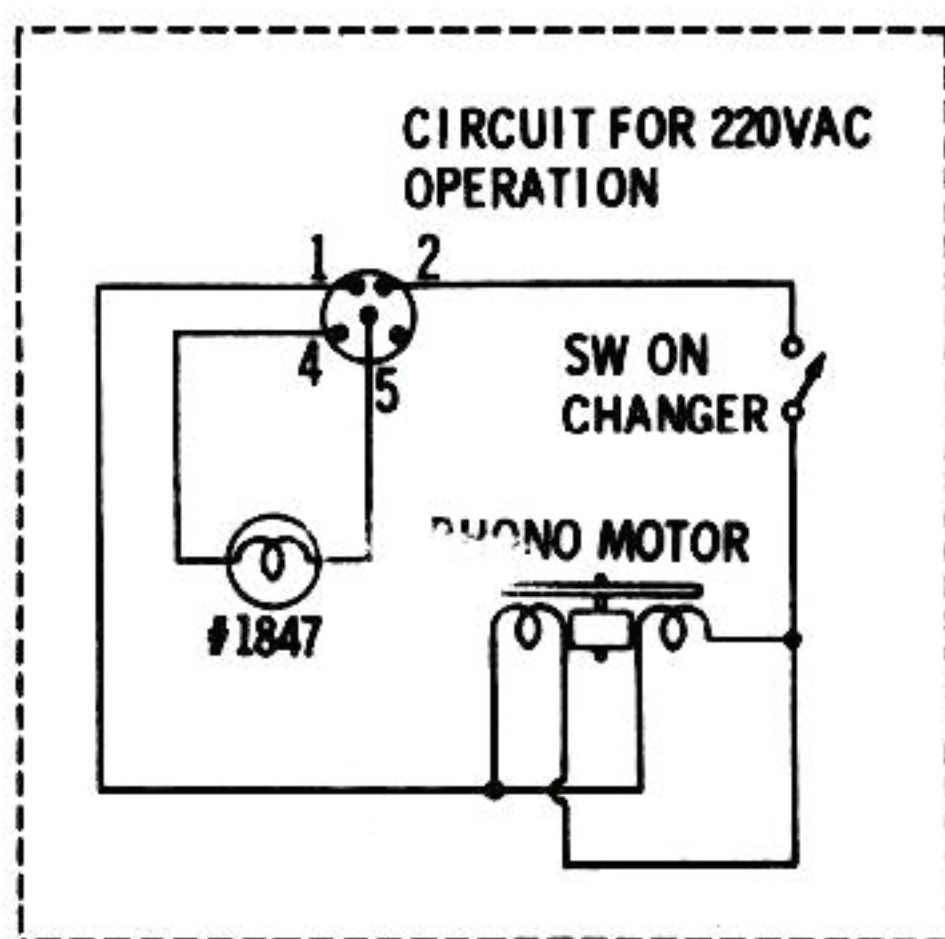
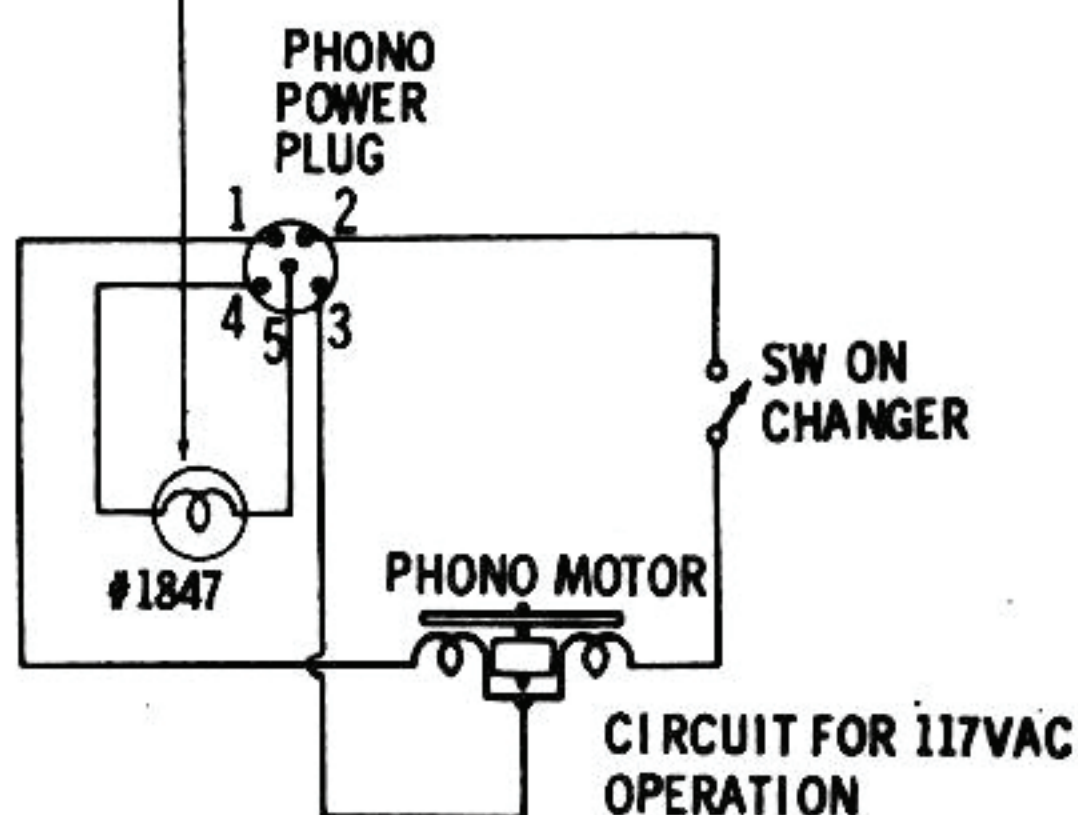
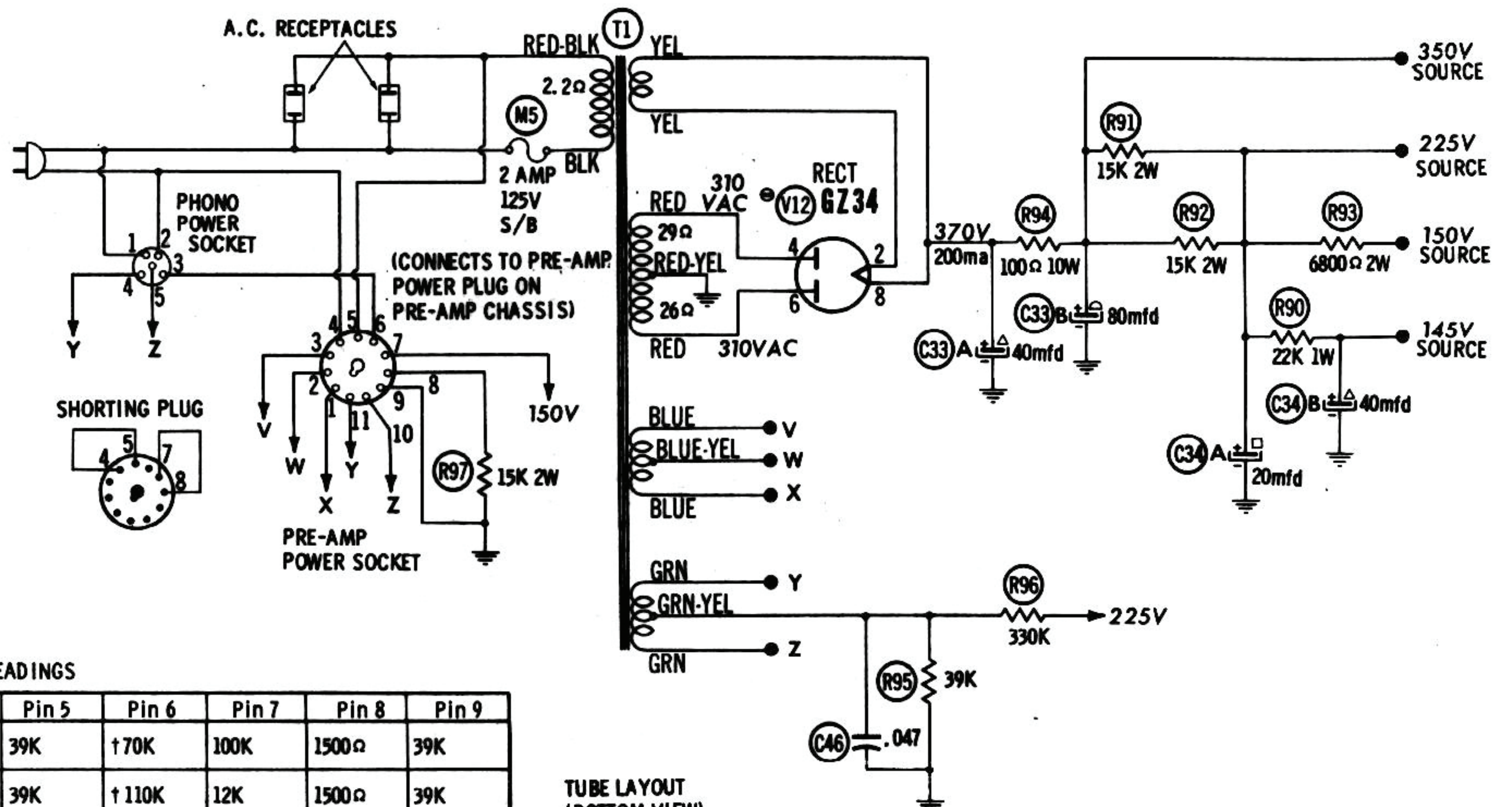




LOCATED ON PRE-AMP
POWER PLUG
(PRE-AMP CHASSIS)
IN SOME VERSIONS



NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.



RESISTANCE READINGS

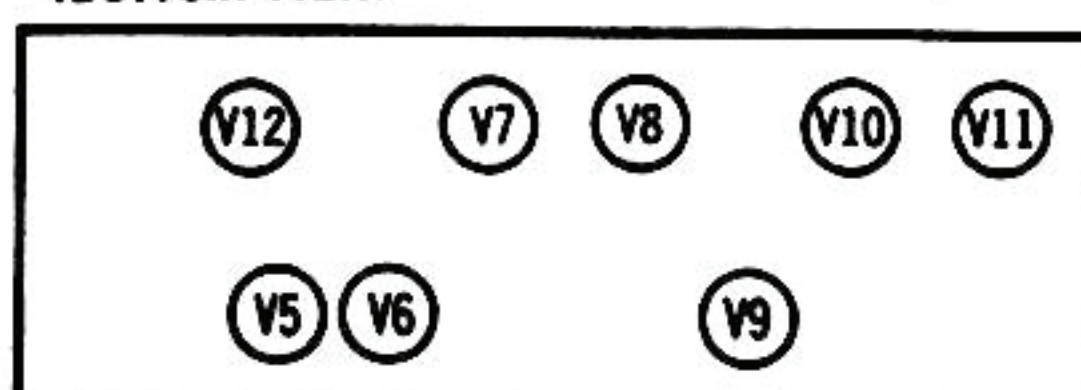
ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V5	12AU7A	↑70K	100K	1500Ω	39K	39K	↑70K	100K	1500Ω	39K
V6	12AX7	↑110K	550K	1800Ω	39K	39K	↑110K	12K	1500Ω	39K
V7	EL84 6BQ5	280K	280K	120Ω	39K	39K	NC	↑200Ω	NC	↑370Ω
V8	EL84 6BQ5	270K	270K	120Ω	39K	39K	NC	↑200Ω	NC	↑100Ω
V9	12AX7	↑110K	550K	1800Ω	39K	39K	↑110K	12K	1500Ω	39K
V10	EL84 6BQ5	280K	280K	120Ω	39K	39K	NC	↑200Ω	NC	↑100Ω
V11	EL84 6BQ5	270K	270K	120Ω	39K	39K	NC	↑200Ω	NC	↑370Ω
V12	CZ34 5AR4	NC	↑	NC	30Ω	NC	27Ω	NC	↑	

↑ THIS READING WILL VARY DEPENDING UPON THE CONDITION OF THE ELECTROLYTIC IN THE CIRCUIT.
↑ MEASURED FROM PIN 8 OF V12.
NC NO CONNECTION

SEE PARTS LIST FOR ALTERNATE
VALUE OR APPLICATION

DC COIL RESISTANCE VALUES UNDER ONE OHM
NOT SHOWN ON SCHEMATIC DIAGRAM

TUBE LAYOUT
(BOTTOM VIEW)



- DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured at 1000 ohms per volt.
- Socket connections are shown as bottom views.
- Measured values are from socket pin to common negative.
- Line voltage maintained at 117 volts for voltage readings.
- Nominal tolerance of component values makes possible a variation of ±15% in voltage and resistance readings.
- Proper output load connected.

A PHOTOFAC STANDARD NOTATION SCHEMATIC
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PILOT MODELS C-1070, C-1071, C-1075,
C-1076 (Ch. FA-540, SA-232, SP-210)

AMP SCHEMATIC