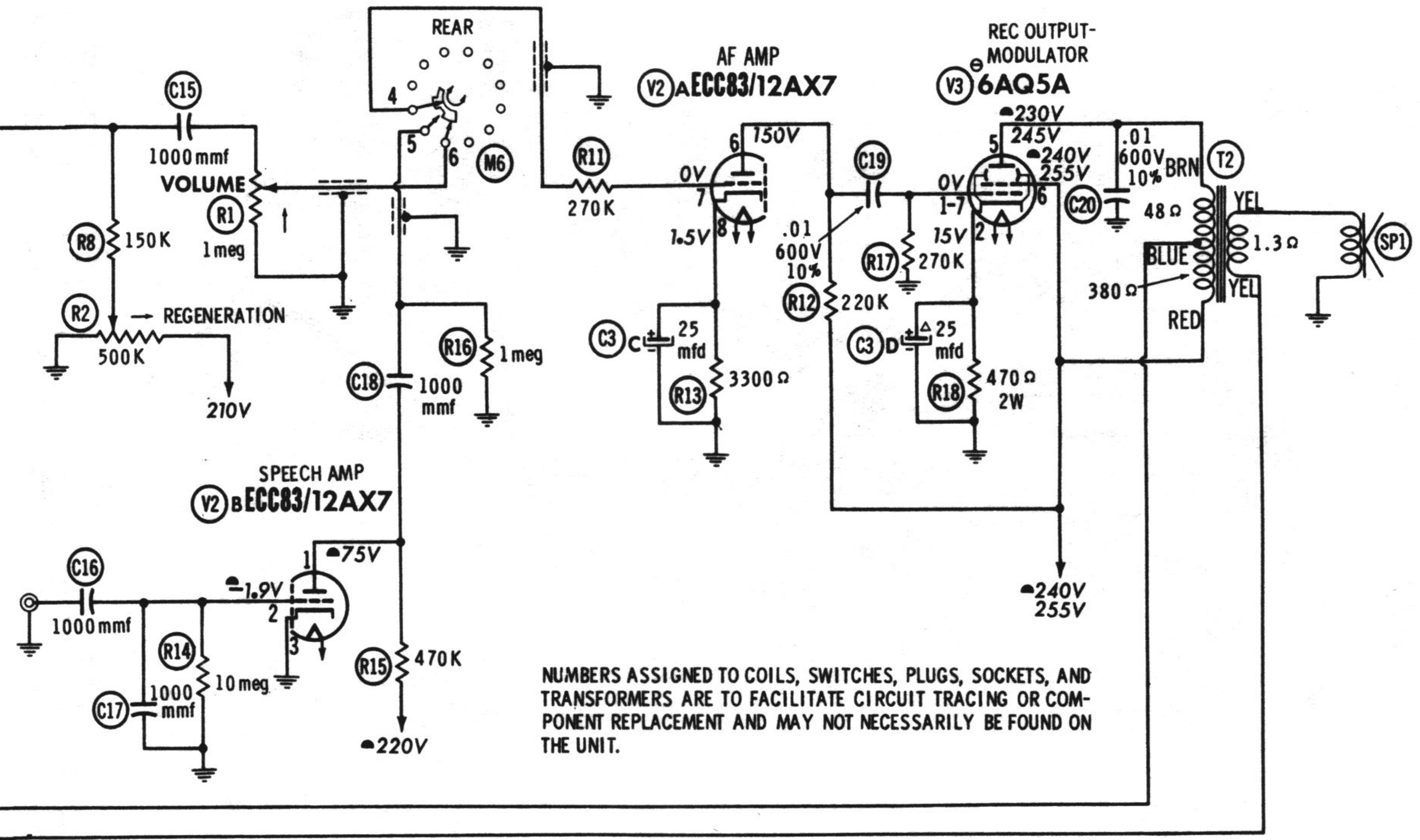
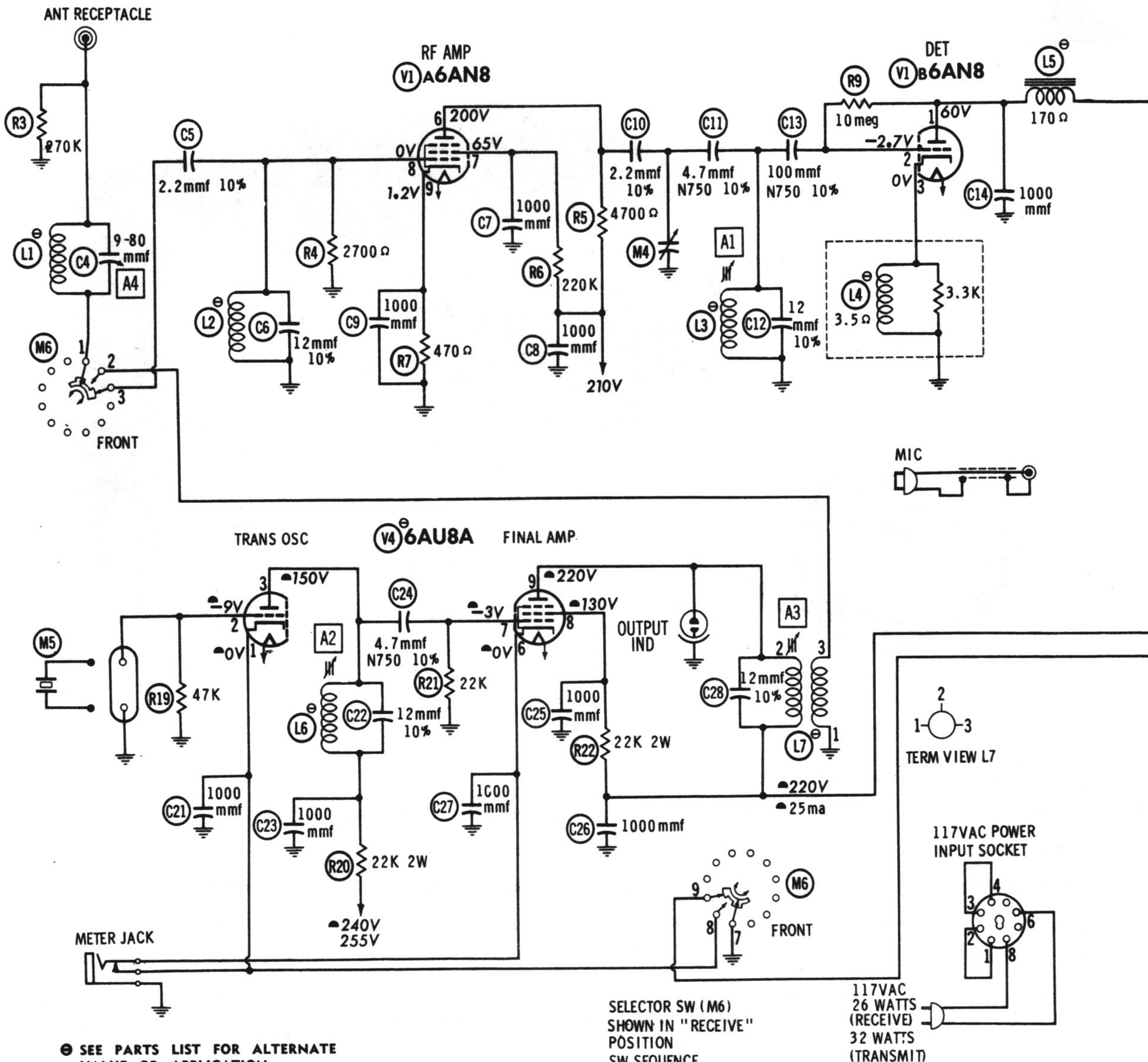
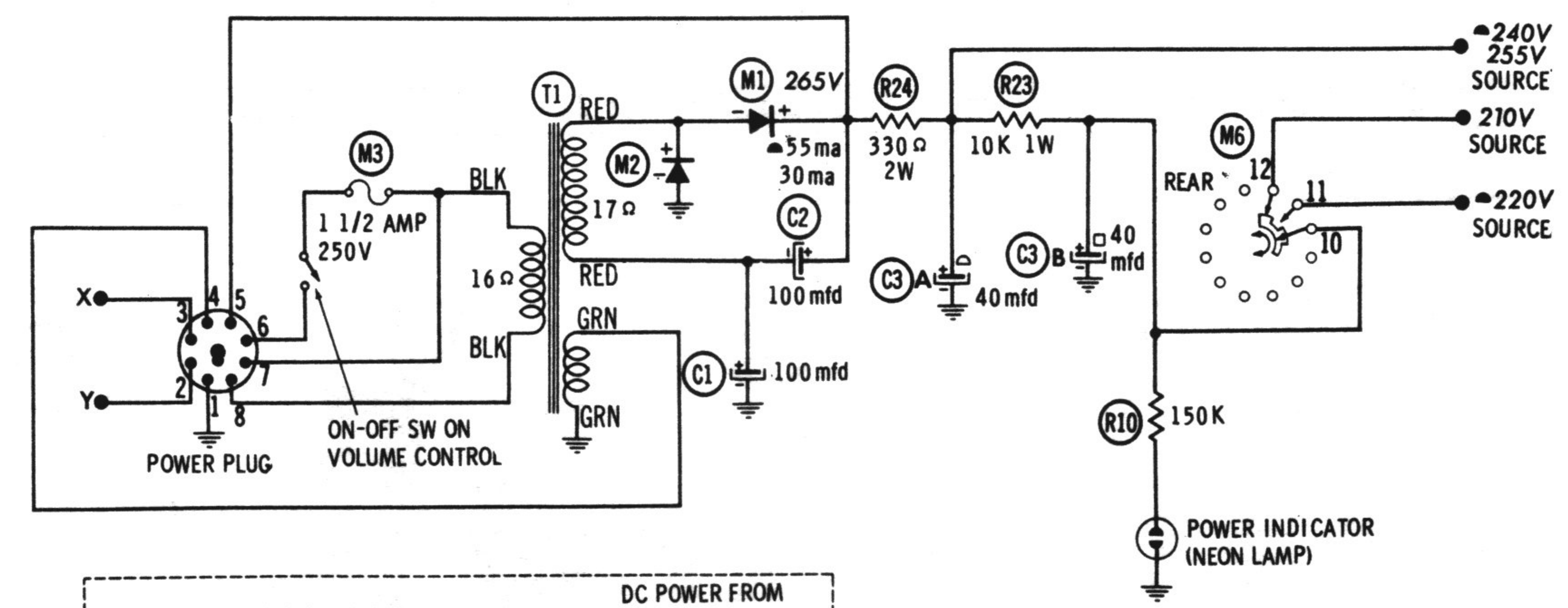




NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.

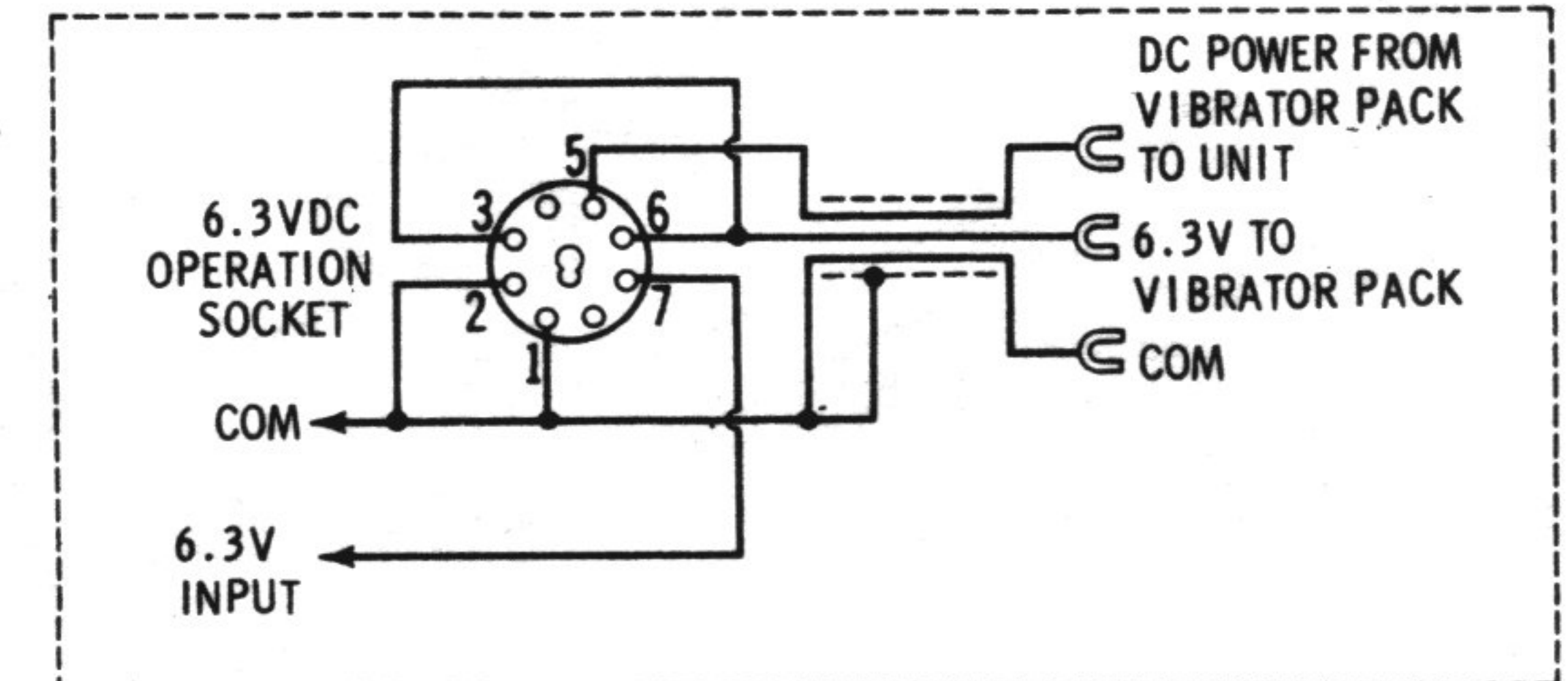
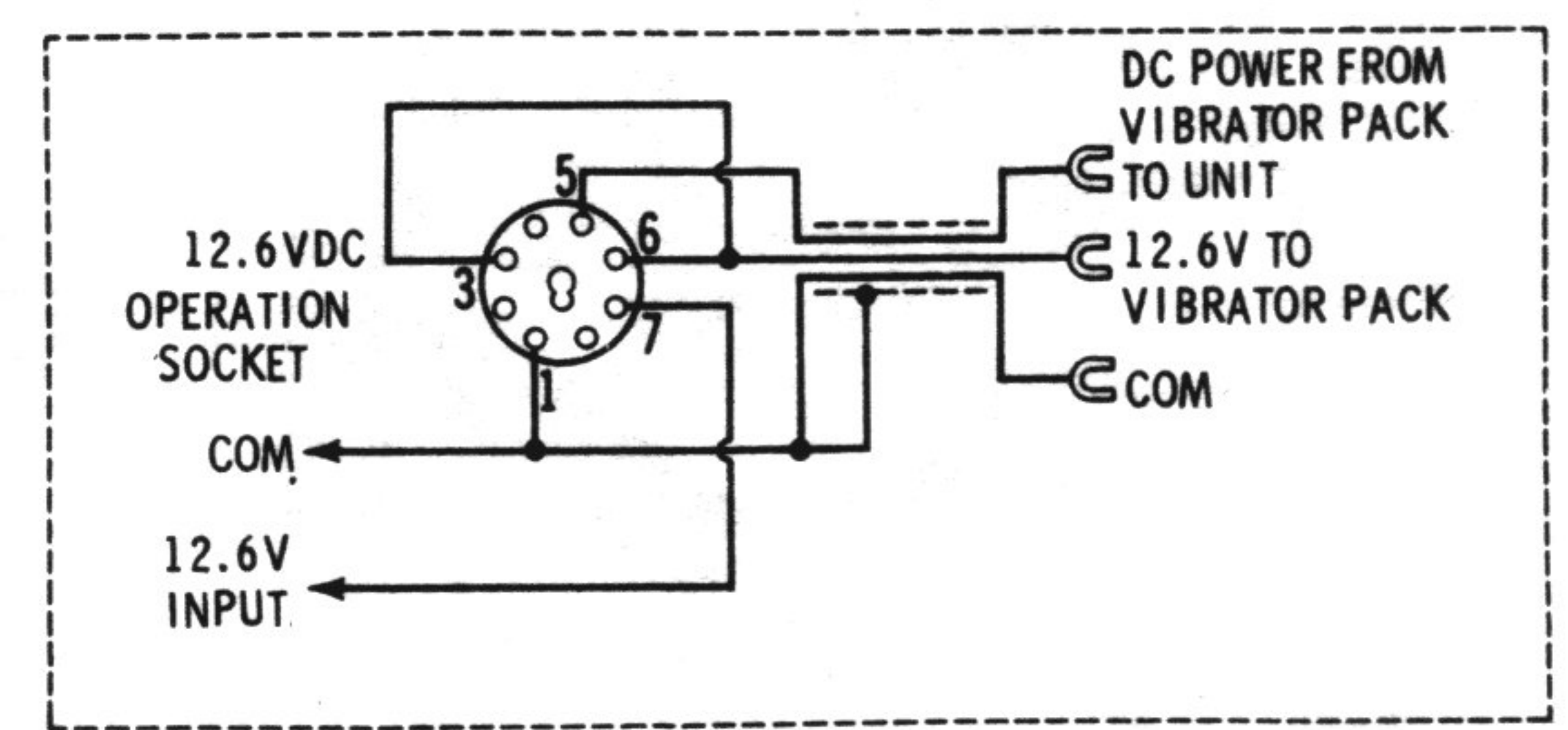
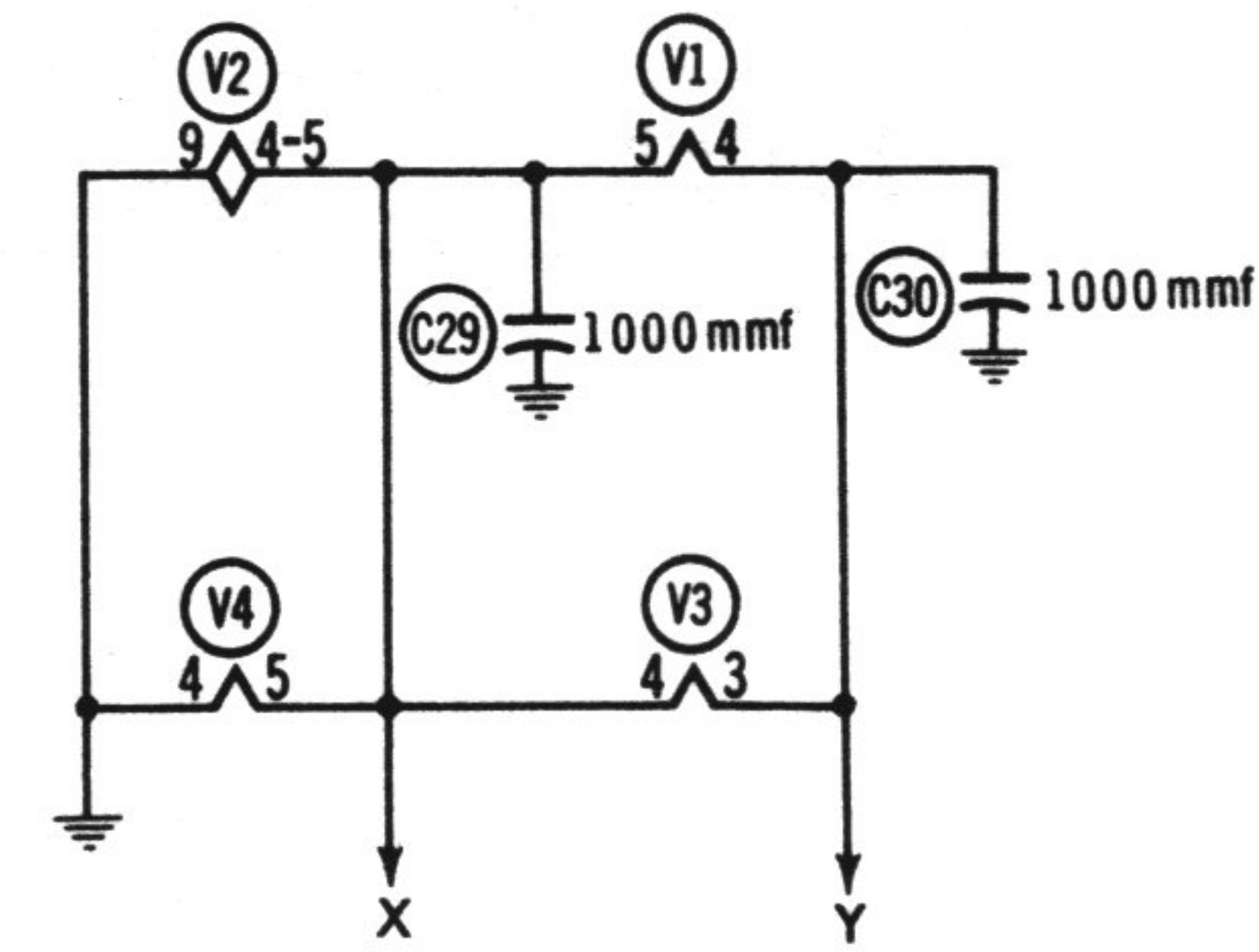


SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION
 DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM
 ARROWS ON CONTROLS INDICATE CLOCKWISE ROTATION (CONTROL VIEWED FROM SHAFT END)

SELECTOR SW (M6) SHOWN IN "RECEIVE" POSITION
 SW SEQUENCE
 1. TRANSMIT (CCW)
 2. RECEIVE
 3. TRANSMIT SPRING RETURN

RESISTANCE READINGS									
ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
V1	6AN8	†800K	†11meg	3.5Ω	FILS	FILS	†15K	†230K	.1Ω
V2	ECC83 12AX7	†480K	10meg	0Ω	FILS	FILS	†220K	270K	3300Ω
V3	6AQ5A	270K	470Ω	FILS	FILS	†760Ω	†330Ω	270K	
V4	6AU8A	0Ω	47K	†22K	FILS	FILS	0Ω	22K	†22K

ALL MEASUREMENTS TAKEN IN "RECEIVE" POSITION UNLESS OTHERWISE INDICATED
 † MEASURED FROM OUTPUT OF M1
 ● MEASURED IN "TRANSMIT" POSITION



1. DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured with 1000 ohm per volt voltmeter.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common ground.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance of component values makes possible a variation of ±15% in voltage and resistance readings.
6. All controls at minimum, proper output load connected.

HEATH MODELS
 CB-1, W-CB-1