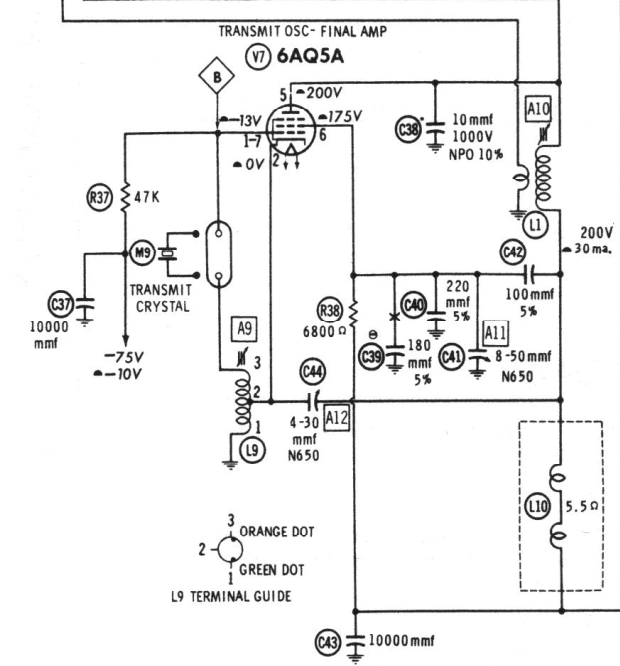


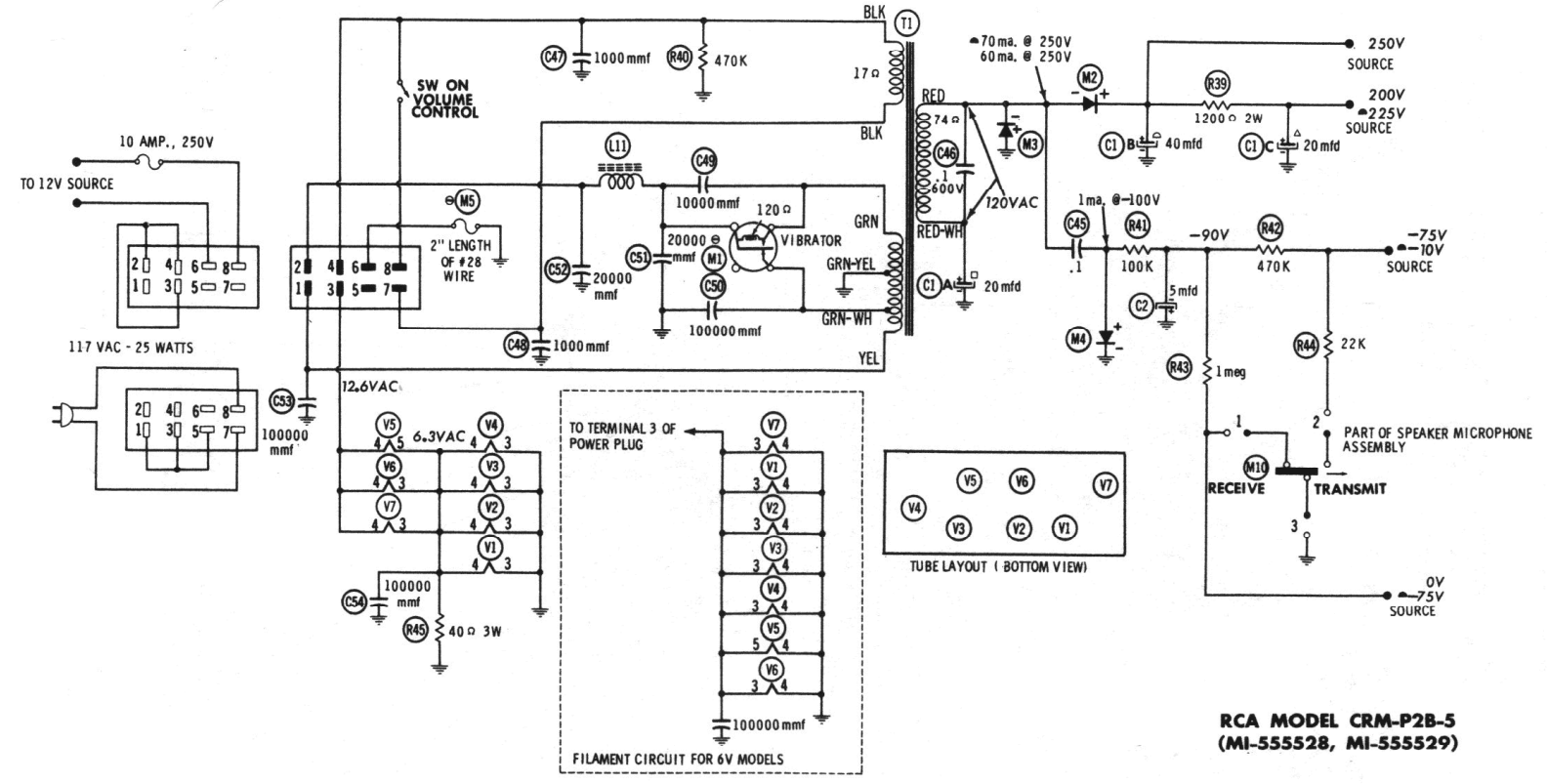
NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.



RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	6BA6	3 meg	0 Ω	0 Ω	.1 Ω	†5900 Ω	†53K	68 Ω		
V2	6BE6	47K	0 Ω	0 Ω	.1 Ω	†23K	†23K	470K		
V3	6BA6	2.7 meg	0 Ω	0 Ω	.1 Ω	†3400 Ω	†50K	68 Ω		
V4	6BA6	2.7 meg	0 Ω	0 Ω	.1 Ω	†3400 Ω	†50K	150 Ω		
V5	6T8A	500K	240K	NC	.1 Ω	.1 Ω	1.3 meg	0 Ω	9.5 meg	†470K
V6	6AQ5A	NC	330 Ω	.1 Ω	.1 Ω	†400 Ω	†1200 Ω	470K		
V7	6AQ5A	.70K	.1 Ω	.1 Ω	.1 Ω	†1400 Ω	†7800 Ω	NC		

ALL MEASUREMENTS MADE IN "RECEIVE" POSITION UNLESS OTHERWISE DESIGNATED.  
 † MEASURED IN "TRANSMIT" POSITION.  
 ‡ MEASURED FROM OUTPUT OF M2.  
 NC NO CONNECTION



- DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured with 1000 ohm per volt voltmeter.
- Socket connections are shown as bottom views.
- Measured values are from socket pin to common ground.
- Line voltage maintained at 117 volts for voltage readings.
- Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
- Volume control at maximum, no signal applied for voltage measurements.

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)