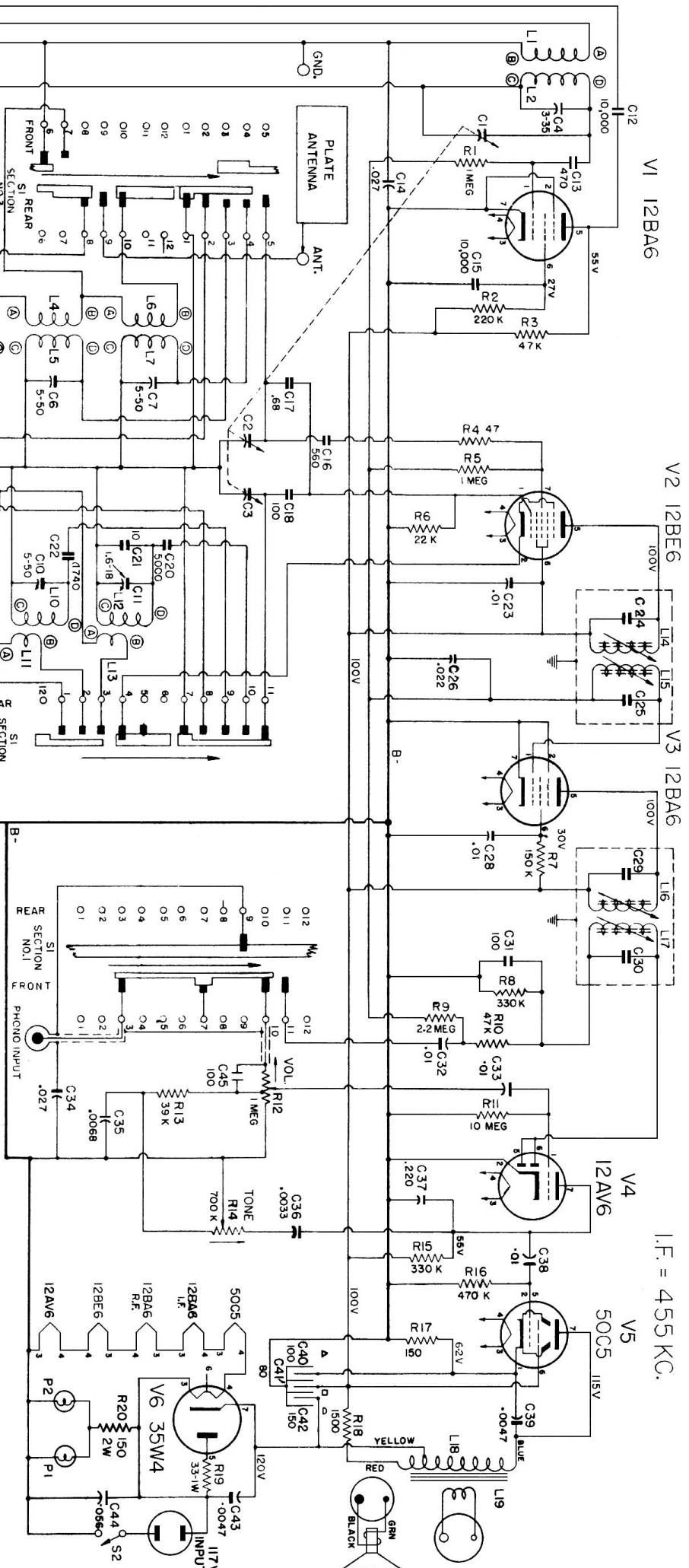
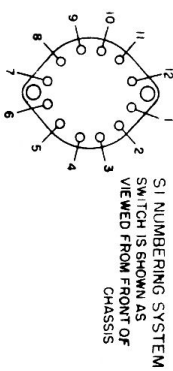
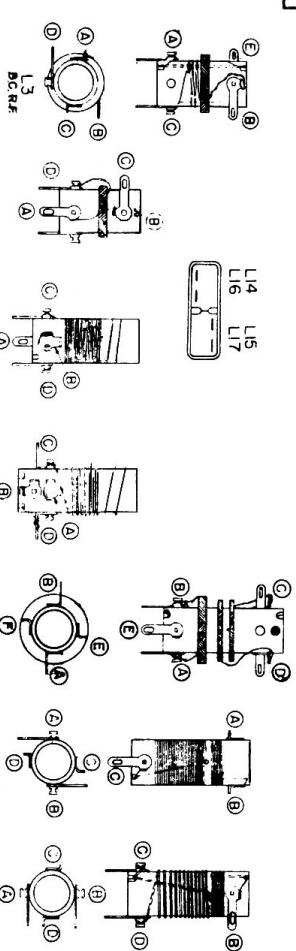




ROGERS MAJESTIC R535



ARROWS → ON POTENTIOMETERS AND SWITCHES INDICATE CLOCKWISE ROTATION OF SHAFT.
 ALL SWITCH SECTIONS ARE SHOWN IN THE EXTREME COUNTER CLOCKWISE POSITION OF SWITCH
 (SI IS IN THE PHONOGRAPH POSITION). ALL D.C. VOLTAGES MEASURED TO B- WITH A 20,000
 OHMS PER VOLT METER, WITH SI IN A RADIO POSITION AND NO SIGNAL APPLIED. TEST
 VOLTAGE = 117 V, 25-60 V.
 ALL RESISTANCE VALUES ARE INDICATED IN OHMS, K=1000 OHMS, MEG = 1000,000 OHMS
 CAPACITOR VALUES, -1F, -1F, SHOWN IN MICRO-MICRO FARADS, -1F- SHOWN IN MICRO FARADS,
 EXCEPT WHERE MARKED



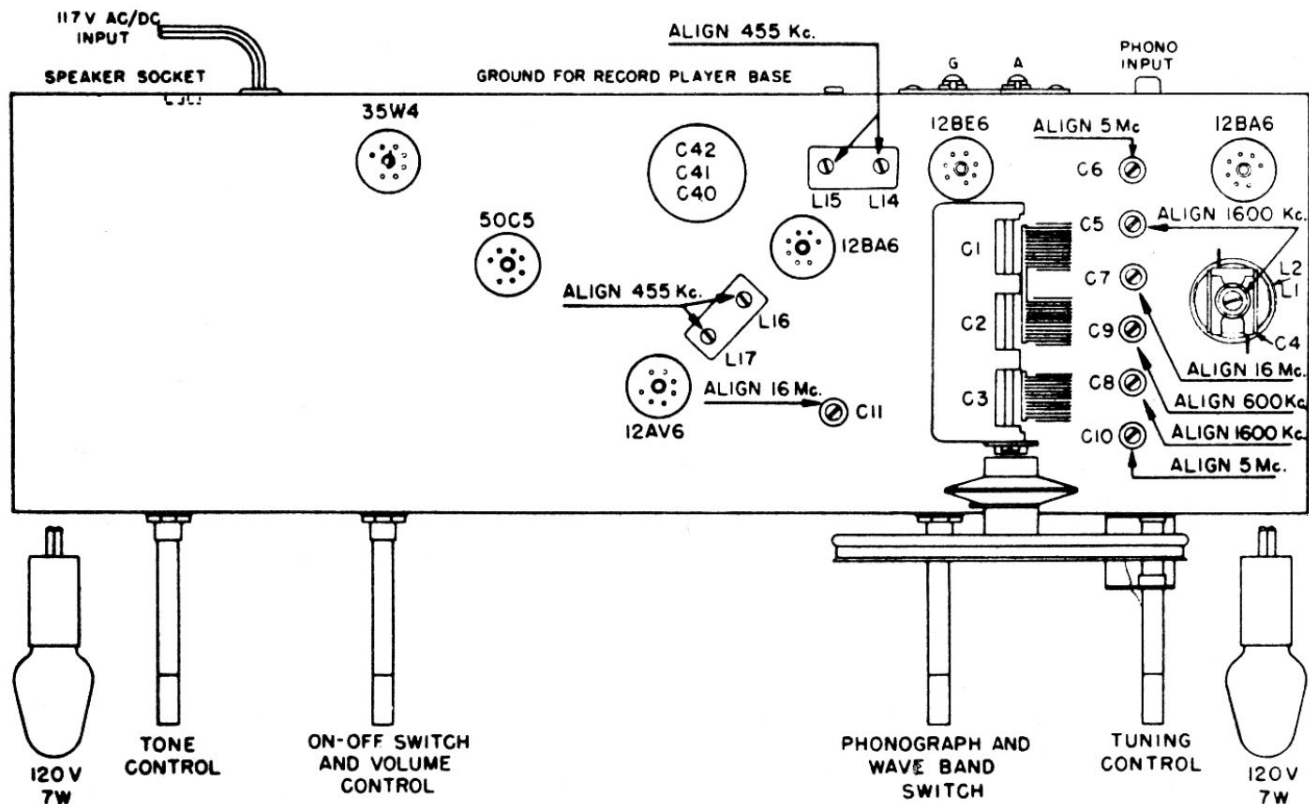
OPERATION STEPS	SIGNAL GENERATOR			RECEIVER		
	OUTPUT CONNECTIONS TO RECEIVER	FREQUENCY	RANGE SWITCH	TUNING CAPACITOR	SEE NOTES	ADJUST IN STATED ORDER FOR MAXIMUM OUTPUT
1	To 12BA6 Control Grid (1) through .05 mf Capacitor	455 kc.	Pos. 2	Min.		2nd I.F. Transformer L17, L16
2	To lug 5 of SW1, Section 3 through .05 mf Capacitor	455 kc.	Pos. 2	Min.	A	1st I.F. Transformer L15, L14
3	To Antenna Terminal through 100 mmf Capacitor*	1600 kc.	Pos. 2	1600 kc.		B.C. Osc. Trimmer C8 B.C. R.F. Trimmer C5 B.C. Ant. Trimmer C4
4	To Antenna Terminal through 100 mmf Capacitor*	600 kc.	Pos. 2	600 kc.	B	B.C. Osc. Padder C9
5	To Antenna Terminal through 400 ohms resistor*	5 Mc.	Pos. 3	5 Mc.	C	S.W. Osc. Trimmer C10 S.W. Ant. Trimmer C6
6	To Antenna Terminal through 400 ohms resistor*	16 Mc.	Pos. 4	16 Mc.	C	S.W. Osc. Trimmer C11 S.W. Ant. Trimmer C7

*=Or a standard dummy antenna with a 200 mmf condenser in series.

Note A: After operation 2 has been completed, do not make any further adjustments to L17 and L16.

Note B: After operation 4 has been completed, return to 1600 kc. and repeat operation 3, then repeat operation 4.

Note C: Unscrew oscillator trimmers approximately 3 turns from tight. Then turn adjustment clockwise until first output peak is obtained. Make adjustments using this peak. Rock the tuning capacitor slowly back and forth while adjusting antenna trimmers.



GANG CONDENSER AT MINIMUM CAPACITY (OPEN)
DIAL DRUM IN POSITION SHOWN
POINTER SHOWN AT HIGH FREQUENCY END OF DIAL
CORD 'A' LAYS IN FRONT OF CORD 'B' AND CORD 'C'
COILS OF SPRING EXTENDED TO 1½"
LENGTH OF CORD APPROXIMATELY 51"
SPRING CONNECTED TO POINT 'X' OR 'Y'

