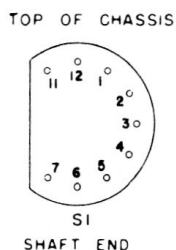
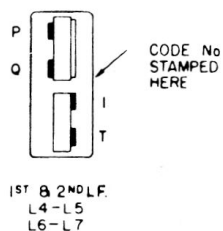
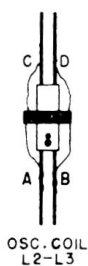
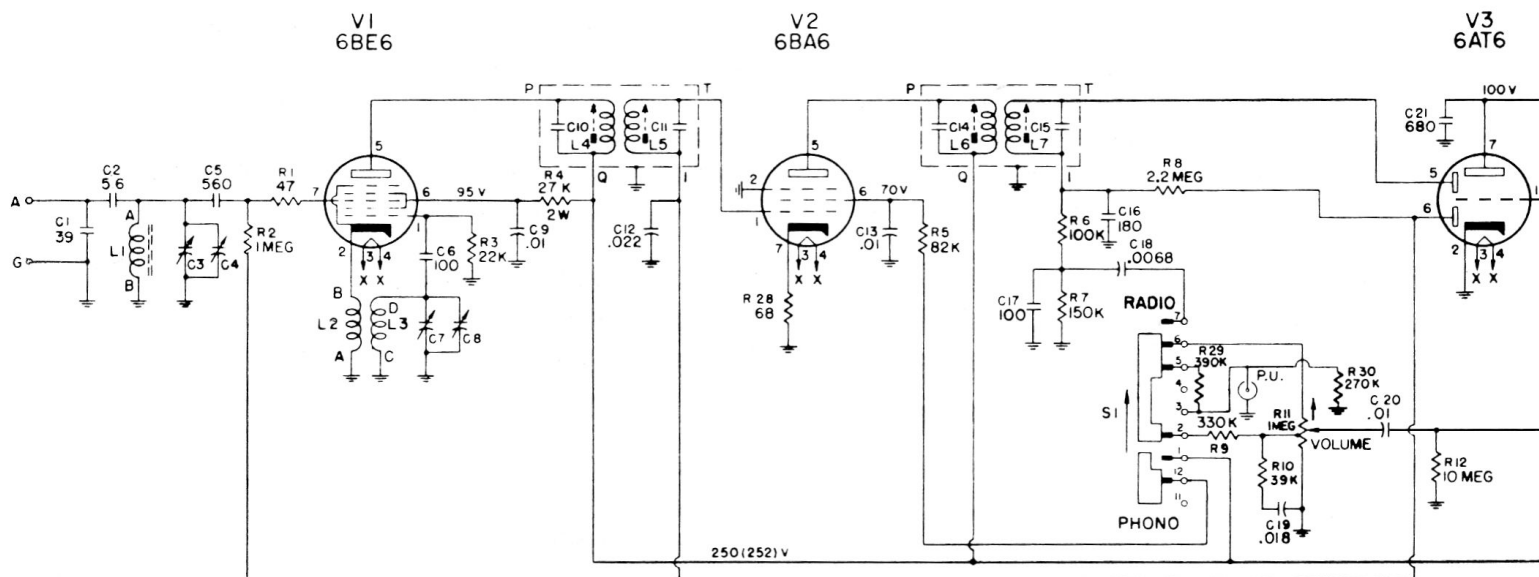
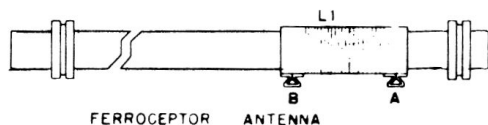


L	1				2 3		4, 5				6, 7										
C	1	2	3	4,5	6, 7, 8			9	10	12	11	13	14	17, 15, 16, 18			19	20	21		
R	2		1	3		4	28			5	6,7		8	29	10	11	30	12			

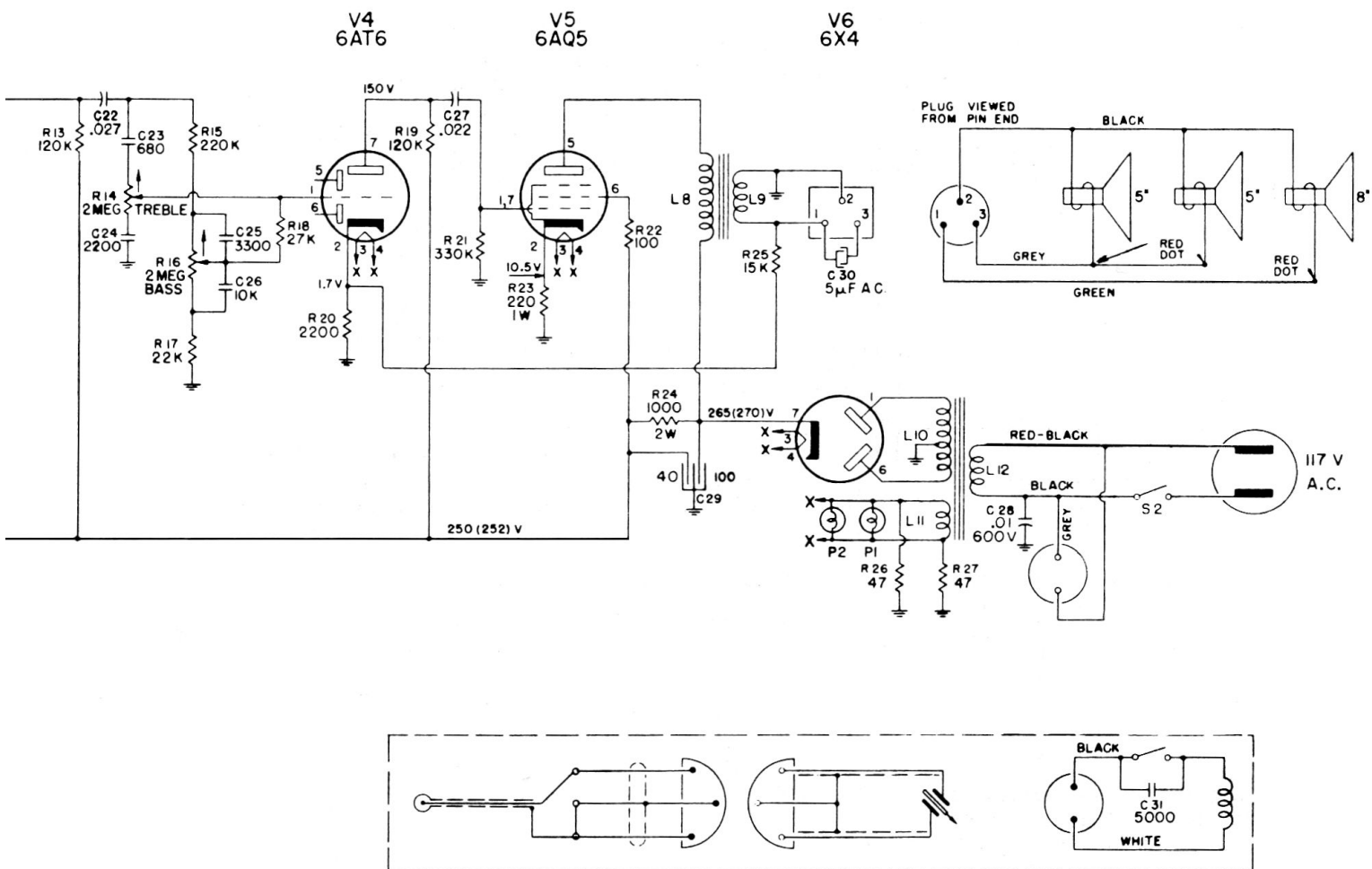


RESISTORS  $\frac{1}{4}$  W  $\pm 10\%$  UNLESS OTHERWISE SHOWN.  
 ARROW  $\rightarrow$  INDICATES CLOCKWISE ROTATION OF  
 SHAFTS OF POTENTIOMETERS AND SWITCHES.  
 CAPACITOR VALUES  $\neq$  SHOWN IN MICRO MICRO FARADS,  
 $\neq$   $\equiv$  SHOWN IN MICRO FARADS.  
 ALL D.C. VOLTAGES MEASURED TO CHASSIS, WITH  
 A 20,000 OHMS PER VOLT METER, WITH SI IN  
 RADIO POSITION. VOLTAGES IN BRACKETS ARE TAKEN  
 WITH SI IN PHONO POSITION. NO SIGNAL IS APPLIED  
 DURING MEASUREMENTS.



## Philips 273 & Rogers Majestic 673

				8 9				10, 11, 12			
22, 23, 24				25, 26				27			
								29			
13				14				15, 16, 17			
								18			
								20			
								19			
								21			
								23			
								22, 24			
								25			
								26			
								27			
								28			
								31			



## ALIGNMENT OF RECEIVER

### EQUIPMENT REQUIRED:

Signal Generator: Capable of supplying modulated RF frequencies from 450 kc. to 1700 kc.  
Output Indicator: A power output meter or a high resistance A.C. voltmeter.

### ALIGNMENT PROCEDURE AND EQUIPMENT CONNECTIONS:

Signal Generator: Allow sufficient length of time after the generator has been turned on for it to become thermally stable before making any tests. Always be sure to use the specified capacitor in series with the output lead connections as listed on the alignment procedure chart. Connect the return lead of the signal generator to ground terminal of the receiver.

Output Indicator: If a power output meter is used adjust it for 4 ohms impedance and connect it in place of the bass speaker voice coil. Keep the output indicator below 500 milliwatts. If an A.C. voltmeter is used, connect it across the voice coil of the bass speaker, or across a 4 ohm load resistor connected in place of the bass speaker voice coil. Do not exceed 1.4 volts during alignment. As the reading of the test meter increases with alignment, decrease the output of the signal generator to keep the output below the above limits.

Receiver: Turn the volume and treble controls to full clockwise position. Turn bass control to full counterclockwise position. With the gang tuning capacitor fully closed, adjust the dial pointer to the alignment mark on the low frequency end of the alignment scale on the dial background.

### ALIGNMENT PROCEDURE

Operation Steps	SIGNAL GENERATOR				RECEIVER		
	Output	Series Capacitor	Connection To Receiver	Frequency	Tuning Capacitor	Notes	Adjust in Stated Order For Maximum Output
1.	Direct	0.05 $\mu$ F	Pin #1 6BA6 (I. F. Tube)	455 kc.			L7 and L6
2.	Direct	0.05 $\mu$ F	Stator Lug C3 (Rear Tuning Cap.)	455 kc.	Minimum Capacitance	A	L5 and L4
3.	Dummy	200 $\mu$ F*	Antenna Terminal	1500 kc.	1500 kc.	B	C8 and C4

\* Or: Direct output of the signal generator through a 100  $\mu$ F capacitor.

### ALIGNMENT NOTES

Note A: After operation 2 has been completed, do not make any further adjustments to L6 and L7.

Note B: Set dial pointer to 1500 kc. mark and then tune in signal by adjusting the oscillator trimmer capacitor C8.