

PHILIPS PH104

ROGERS MAJESTIC R531, R541

ALL DC VOLTAGES MEASURED TO B MINUS WITH A 20,000 OHMS PER VOLT METER WITH NO SIGNAL APPLIED.

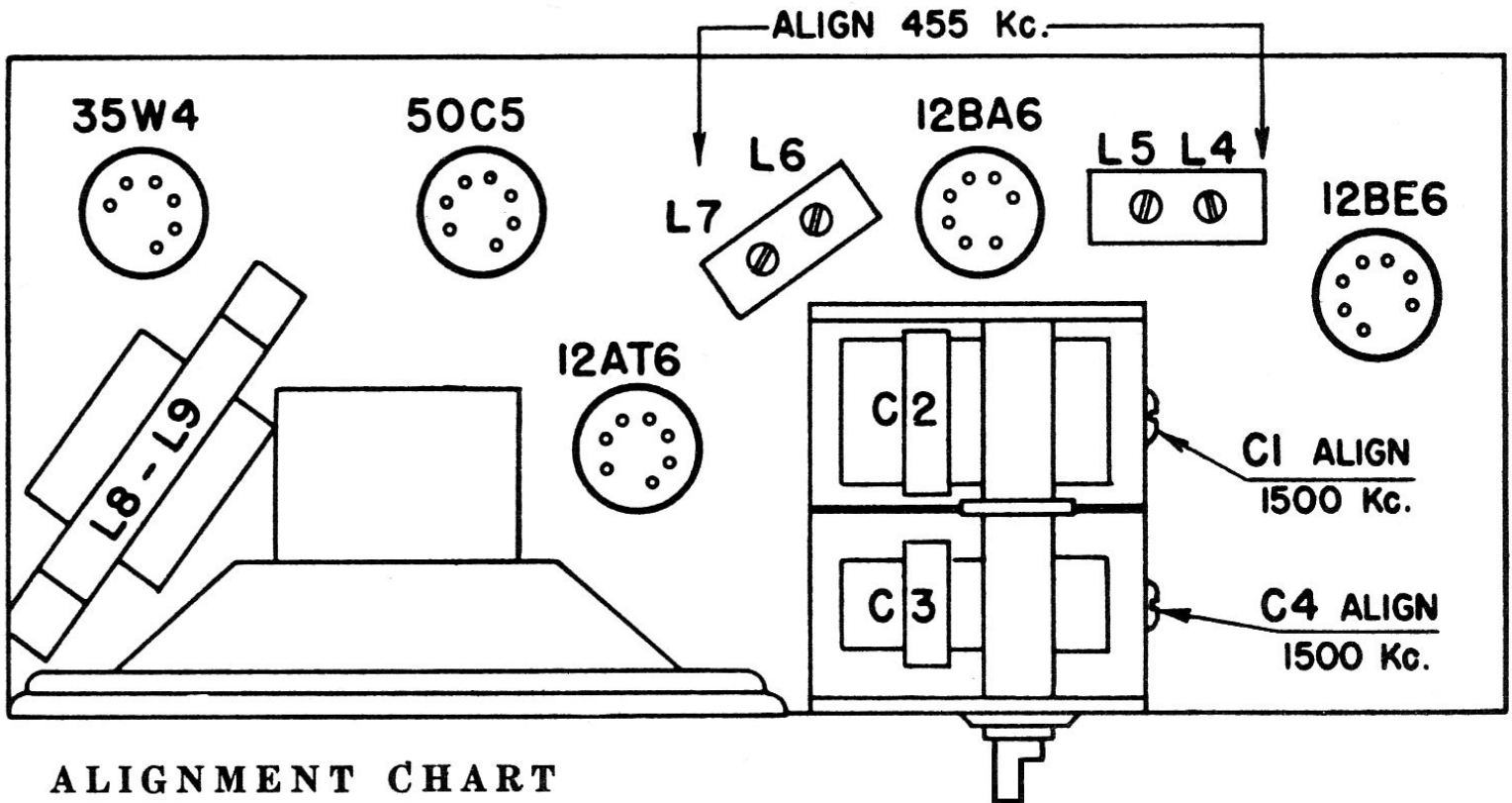
ARROW → INDICATES CLOCKWISE ROTATION OF SHAFT OF THE VOLUME CONTROL WITH NO SIGNAL APPLIED.

ALL RESISTANCE VALUES ARE INDICATED IN OHMS. K=1000, MEG.=1,000,000 OHMS. CAPACITOR VALUES, —|—, —|—, —|—, SHOWN IN MICRO-MICRO FARADS, —|—, —|—, SHOWN IN MICRO FARADS.

I.F. = 455 K.C.

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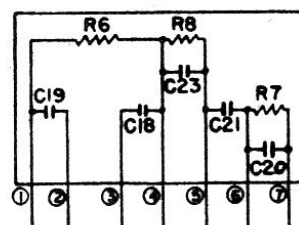
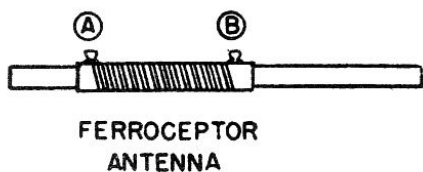
ALIGNMENT CHART

Operation Steps	SIGNAL GENERATOR		RECEIVER		
	Connections to Receiver	Frequency	Tuning Capacitor	See Notes	Adjust in Stated Order for Maximum Output
1	To pin 1 of 12BA6 through .05 mf capacitor	455 kc.	Minimum		2nd I.F. Transformer L7-L6
2	To pin 7 of 12BE6 through .05 mf capacitor	455 kc.	Minimum	A	1st I.F. Transformer L5-L4
3	To antenna terminal through 5 mmf capacitor	1500 kc.	1500 kc.	B C	Oscillator Trimmer C6
4	To antenna terminal through 5 mmf capacitor	1500 kc.	1500 kc.	C	Antenna Trimmer C3

NOTE A — After completing operation No. 2, do not readjust L7-L6.

NOTE B — Replace the chassis in the cabinet to obtain the 1500 kc. setting of the gang condenser. Bottom plate to be in position.

NOTE C — Upon completion of operation 4, disconnect generator leads from receiver. A radiated signal of 1500 kc. from generator may be used instead of the connection to antenna terminal.



* MULTIPLE CAPACITOR - RESISTOR CONNECTIONS

