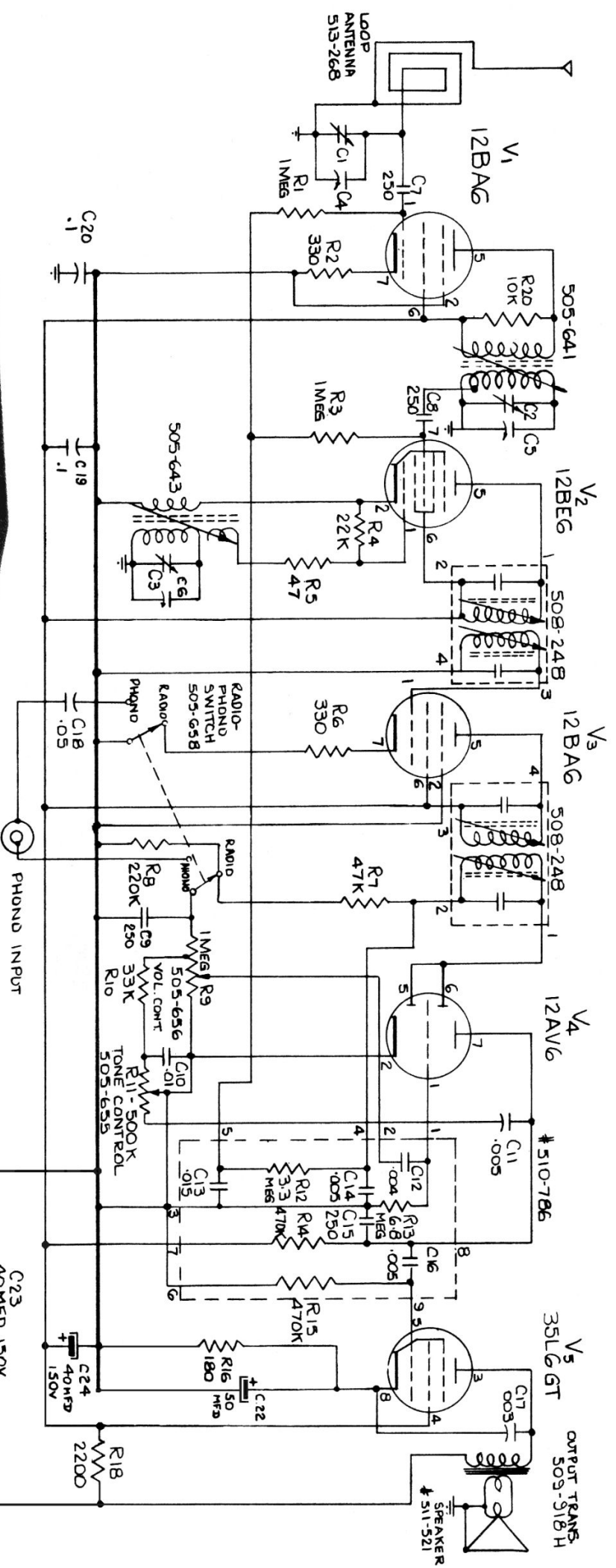
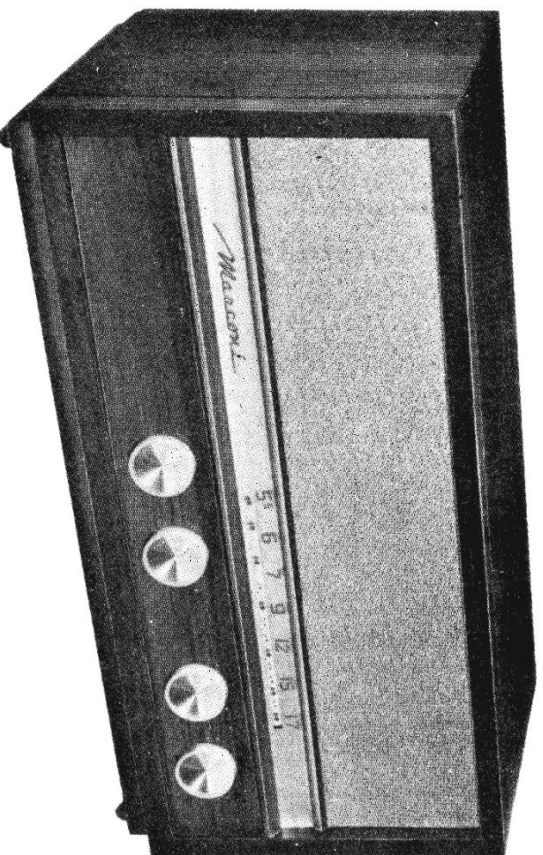
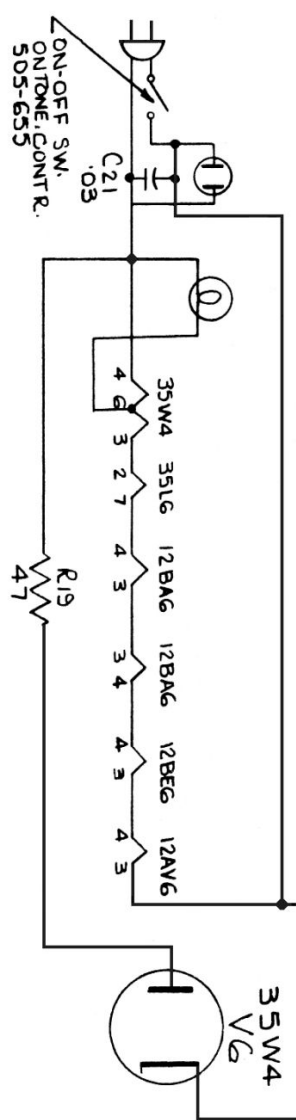
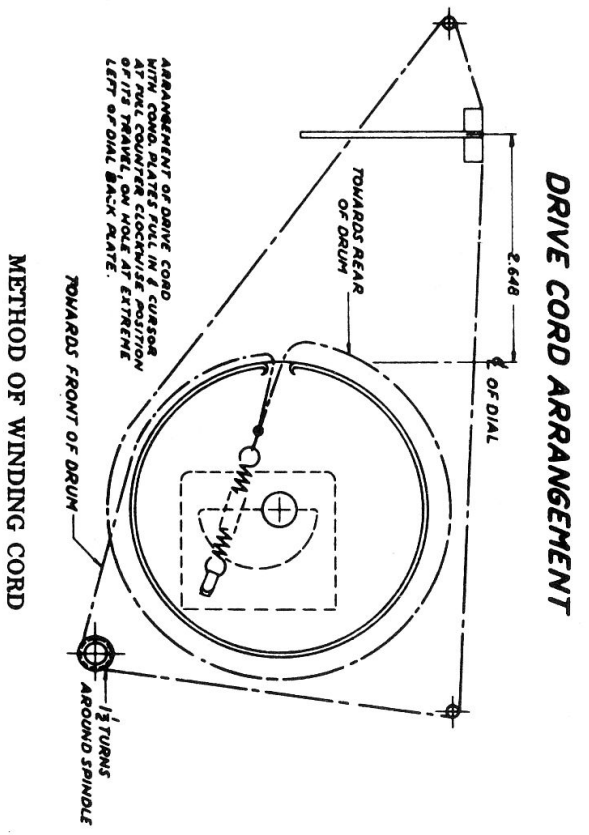
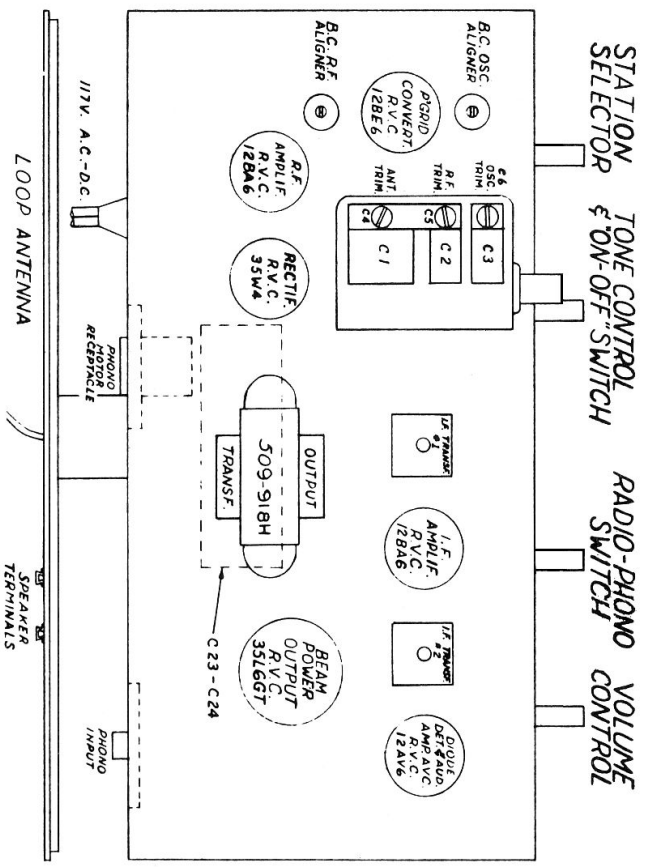




Marconi Model 409





Marconi Model 409 Alignment Procedure

STEP	CONNECT S.G. OUTPUT TO	INPUT FREQUENCY	DIAL SETTING	ADJUST	CIRCUITS RESONATED	REMARKS
1	#C.G. 12BE6	455 Kc.	Gang at Maximum	Top & Bottom Aligners	No. 2 I.F.	Adjust for
2	C.G. 12BE6	455 Kc.	Gang at Maximum	Top & Bottom Aligners	No. 1 I.F.	Adjust for
3	# Antenna	580 Kc.	580 Kc.	Oscillator Core	Oscillator	for
4	Lead and			R.F. Core	R.F.	Maximum
5	Ground	1500 Kc.	1500 Kc.	C-6 C-5 C-4	Oscillator Detector R.F. Loop	Output

6 Check sensitivity and tracking at 1000 Kc. Bend plates if necessary.

7 Repeat steps 3, 4 and 5.

Lug on Detector section (Centre) of gang capacitor forms a suitable point of connection. Apply signal through a 400 ohm resistor.

Apply signal through a 400 ohm dummy antenna.