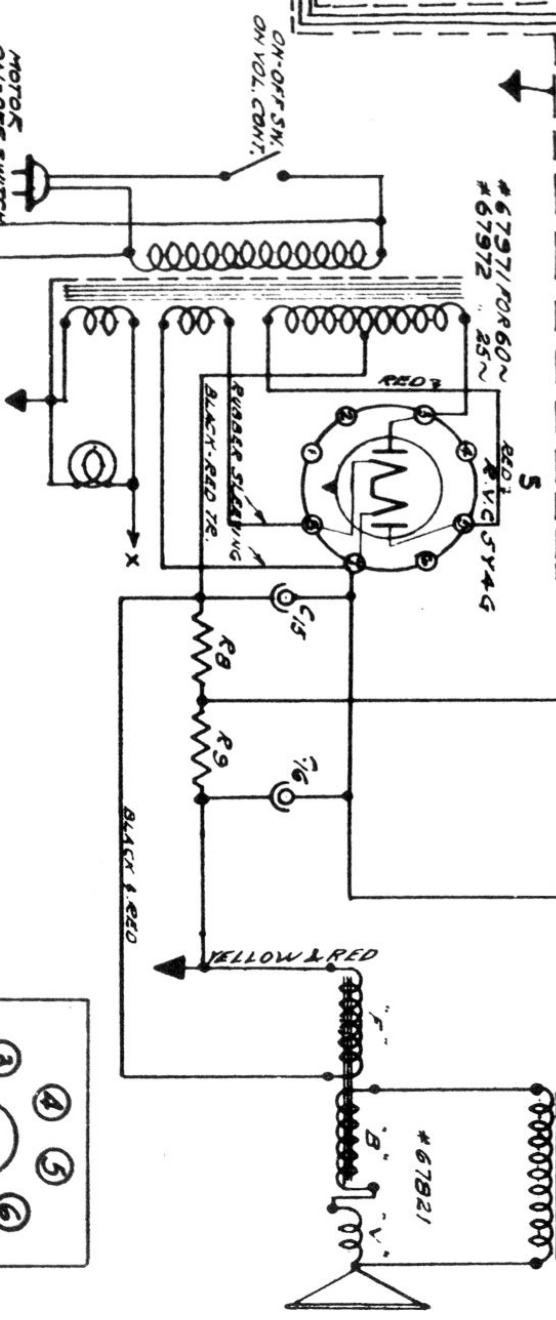
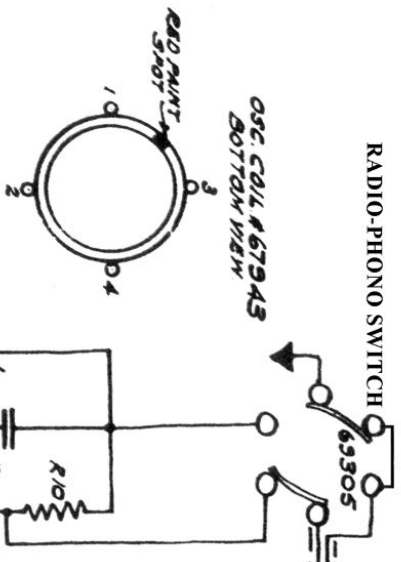
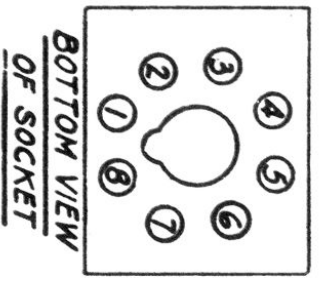


RADIO - PHONO SWITCH
 SHOWN IN PHONOGRAPH
 POSITION & IS IN CLOCKWISE
 POSITION VIEWED FROM KNOB END



Marconi Model 164



ALIGNMENT PROCEDURE MODELS 145, 155, 164

BAND	CONNECT SIG. GEN. TO	INPUT FREQUENCY	SET RECEIVER DIAL TO	ADJUST TRIMMER	TRIMMER FUNCTION	ADJUSTMENT REMARKS
I.F. ALIGNMENT	CG 6A8G	462.5 KC	**	L4 & L3 L2 & L1	No.2 IF No.1 IF	MAXIMUM OUTPUT
* BC BAND	A&G TERM.	1600 KC	160	C4	OSC.	ADJUST TO TUNE SIGNAL
BC BAND	A&G TERM.	1600 KC	160	C3	R.F.	ADJUST FOR MAX.OUTPUT
BC BAND	A&G TERM.	580 KC	58	L5	OSC. PADDER	ADJUST WHILE ROCKING GANG

** I.F. ALIGNMENT - Short Oscillator section of gang-capacitor through a 0.1 mfd. capacitor. For VISUAL ALIGNMENT the oscillograph should connect between the bus-wire lead protruding through the chassis base alongside the 6Q7G tube and chassis. Adjust for overlapping double image of maximum amplitude.

* R.F. ALIGNMENT - Check setting of dial pointer before proceeding with R.F. alignment. With gang capacitor at maximum, pointer should be set over last graduation mark on right hand side of dial.

VOLTAGE READINGS SOCKET PINS TO CHASSIS MODEL 145

TUBE	CAP	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8
6A8G	-0.5	0	0	180	85	-0.4	180	6.3 AC	0
6K7	-0.5	0	0	180	85	0	-	6.3 AC	0
6Q7G	-2.5	0	0	90	-2.5	-2.5	*-2.5	6.3 AC	-2.4
6K6G	-	0	0	170	180	-3.5	*-2.3	6.3 AC	-2.2
5Y4G	-	-	-	250 AC	-	250 AC	-	180	180

*Anchoring Lug only.

Above readings are approximate and will vary slightly depending on line voltage and resistance of voltmeter used.

VOLTAGE READINGS SOCKET PINS TO CHASSIS MODEL 155

TUBE	CAP	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8
6A8G	-0.6	0	0	185	85	-1.1	185	6.3 AC	0
6K7	-0.6	0	0	185	85	0	*-0.5	6.3 AC	0
6Q7G	-0.35	0	0	75	-0.25	-0.25	*-0.4	6.3 AC	0
6K6G	-	0	0	175	185	-3.0	-	6.3 AC	0
5Y4G	-	-	-	250 AC	-	250 AC	-	185	185

*Anchoring Lug only.

Above readings are approximate and will vary slightly depending on line voltage and resistance of voltmeter used.

Marconi Models 145 - 155 - 164

