

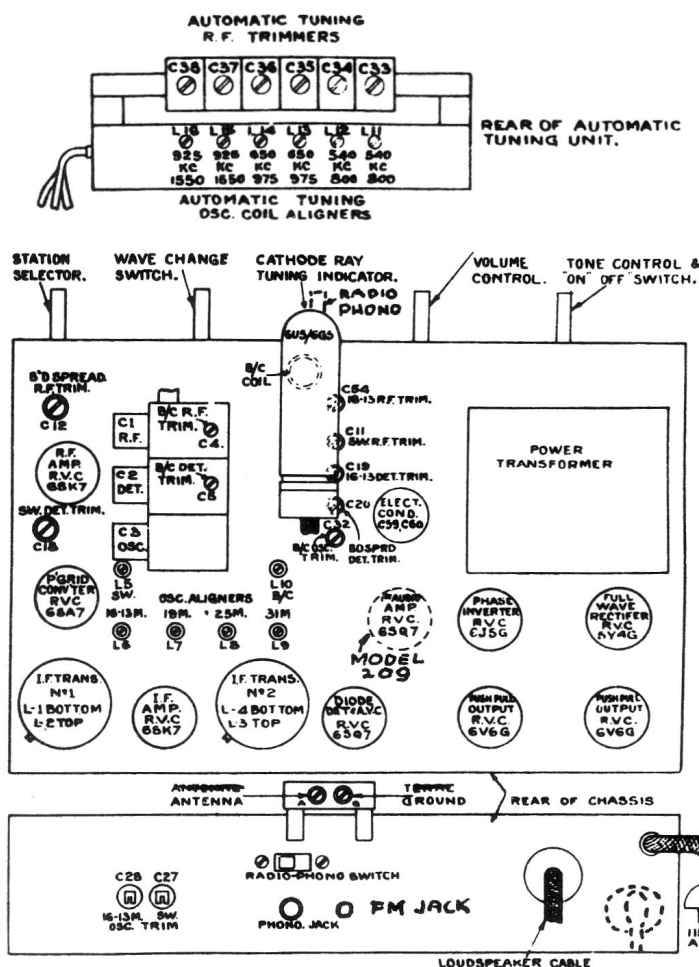
Marconi Alignment Procedure Models 208, 209, 211

BAND S.W. POSITION	CONNECT S.G. OUTPUT TO	INPUT FREQUENCY	DIAL SETTING	ADJUST	CIRCUIT RESONATED	REMARKS
* B.C.	+ CG 6SA7	462.5 KC		L4,L3,L2 & L1	I.F. Stages	Max. Output
** B.C.	A & G	1600 KC	1600 KC	C32	BC Osc.	Resonate
"	"	"	"	C5	BC Det.	Max. Output
"	"	"	"	C4	BC R.F.	" "
"	"	580 KC	580 KC	L10	BC Osc.	Rock Gang
25 M.	A & G	11.8 MC	11.8 MC	L8	25 M.Osc.	Resonate
"	"	"	"	C20	19-25-31 M.Det.	Rock Gang
"	"	"	"	C12	19-25-31 M.RF.	" "
31 M.	A & G	9.6 MC	9.6 MC	L9	31 M.Osc.	Resonate
19 M.	A & G	15.2 MC	15.2 MC	L7	19 M.Osc.	Resonate
16-13 M.	A & G	21.5 MC	21.5 MC	C28	16-13 M.Osc.	Resonate
"	"	"	"	C19	16-13 M.Det.	Max. Output
"	"	"	"	C54	16-13 M.RF.	" "
"	"	17.7 MC	17.7 MC	L6	16-13 M.Osc.	Rock Gang
S.W.	A & G	15.2 MC	15.2 MC	C27	SW Osc.	Resonate
"	"	"	"	C18	SW Det.	Max. Output
"	"	"	"	C11	SW RF.	" "
"	"	6 MC	6 MC	L5	SW Osc.	Rock Gang

* I.F.ALIGNMENT: Short Osc.section of gang Capacitor through 0.1 Mfd. For oscillograph alignment,connect oscillograph input across R8. Adjust for overlapping double image of maximum amplitude.

** Before proceeding with R.F. Alignment, see that dial pointer is set over last graduation mark at low frequency end. (Gang to be at maximum capacity).

+ Lug on R.F. section of gang forms a convenient point of connection.



POWER OUTPUT

Undistorted.....5.5 Watts
Maximum.....10 "

LOUDSPEAKER DATA

Cone..... Dynamic
Field Resistance (Hot).....640 Ohms
Field Current.....118 M.A.
Voice Coil Resistance.....2.3 Ohms
Voice Coil Impedance @ 400 C.P.S.....3 Ohms

AUTOMATIC STATION SELECTOR

This instrument incorporates a six button permeability tuned station selector.
The frequency range of each circuit is as follows:-

- (1) 540-800 K.C.
- (2) 540-800 K.C.
- (3) 650-975 K.C.
- (4) 650-975 K.C.
- (5) 925-1550 K.C.
- (6) 925-1550 K.C.

VOLTAGE CURRENT DATA

Rectifier Output.....330 Volts
High Tension.....255 Volts
Screen.....95 Volts
Pentode Bias.....15 Volts
Total Current.....118 M.A.