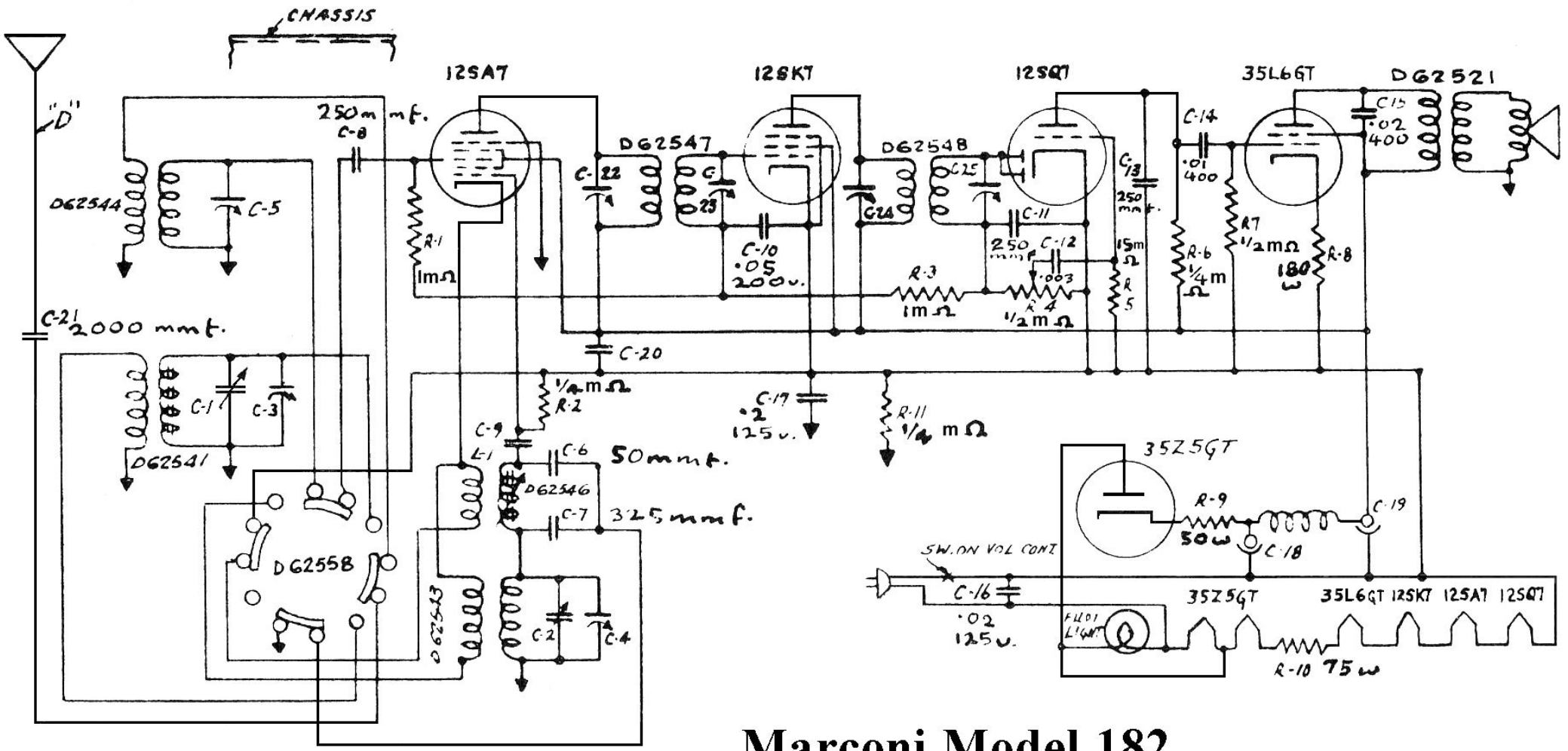

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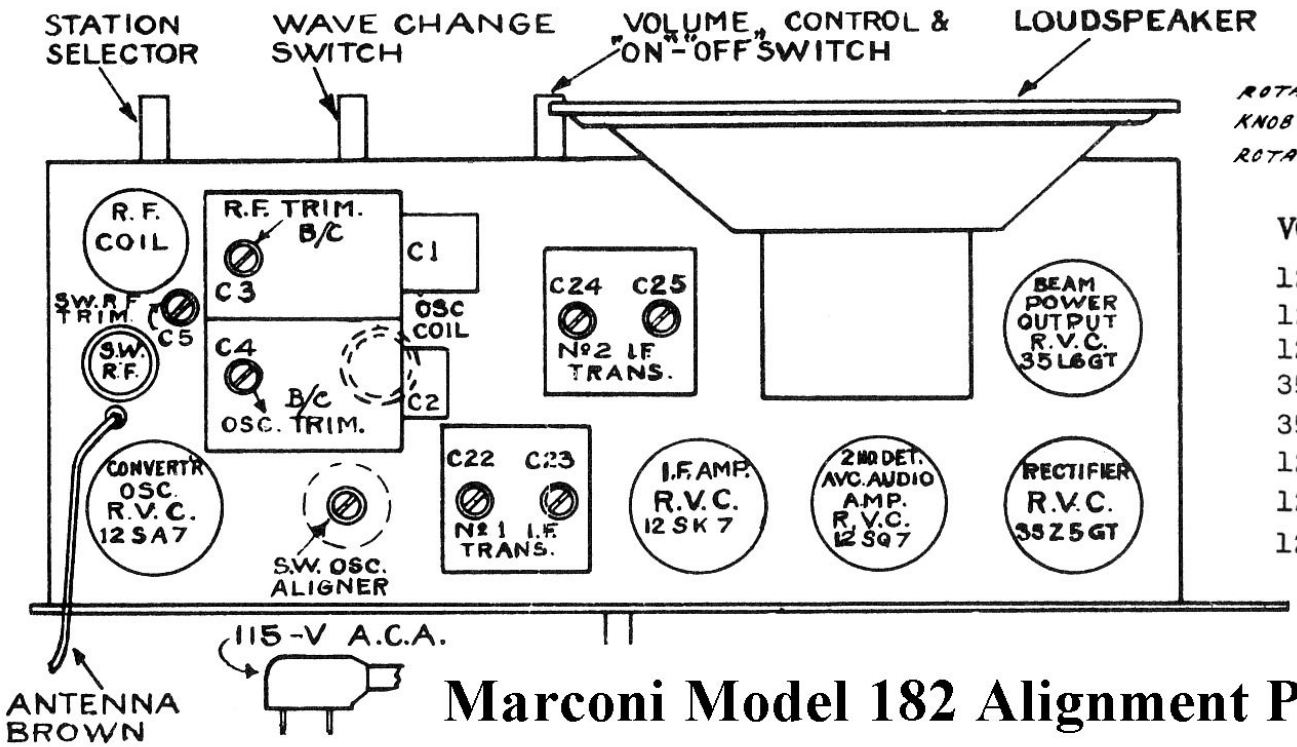

ROTARY SWITCH SHOWN IN COUNTER-CLOCKWISE POSITION. KNOB END VIEW IS SHOWN WITH CHASSIS RIGHT SIDE UP. ROTARY SWITCH IN S.W. POSITION

VOLTAGE READINGS

12SA7 Mod. Plate to Cathode	90 V.
12SA7 Osc. Plate to Cathode	90 V.
12SA7 Screen to Cathode	45 V.
35L6 Plate to Cathode	82.5 V.
35L6 Screen to Cathode	85 V.
12SK7 Plate to Cathode	90 V.
12SK7 Screen to Cathode	90 V.
12SQ7 Triode Plate to Cathode	50 V.

Marconi Model 182 Alignment Procedure

CONNECT S.G. OUTPUT TO	SET WAVE BAND SW. TO	INPUT FREQUENCY	RECEIVER DIAL SETTING	ADJUST	CIRCUIT RESONATED	ADJUSTMENT REMARKS
* C.G. 12SA7	B.C. Band	462.5 KC	Gang at Max.	C25 & C24 C23 & C22	No. 2 I.F. No. 1 I.F.	Max. Output Max. Output
** Ant. Lead	" "	1725 KC	" " "	C4	B.C.Osc.	Resonate
" "	" "	1600 KC	160	C3	B.C. R.F.	Max. Output
Ant. Lead	S.W. Band	9.6 MC	9.6 MC	L1	S.W. Osc.	Resonate
" "	" "	9.6 MC	9.6 MC	C5	S.W. R.F.	Rock Gang

NOTE:- Ground lead from signal generator should be connected to chassis through a 0.1 Mfd. capacitor.
* This connection to be made through a 0.1 Mfd. capacitor to lug on R.F. section of gang.
** Before proceeding with R.F. alignment, see that pointer is set over last division on right hand side of dial scale with gang at minimum. Also turn core L1 six full turns from minimum inductance position (i.e. core against bushing).