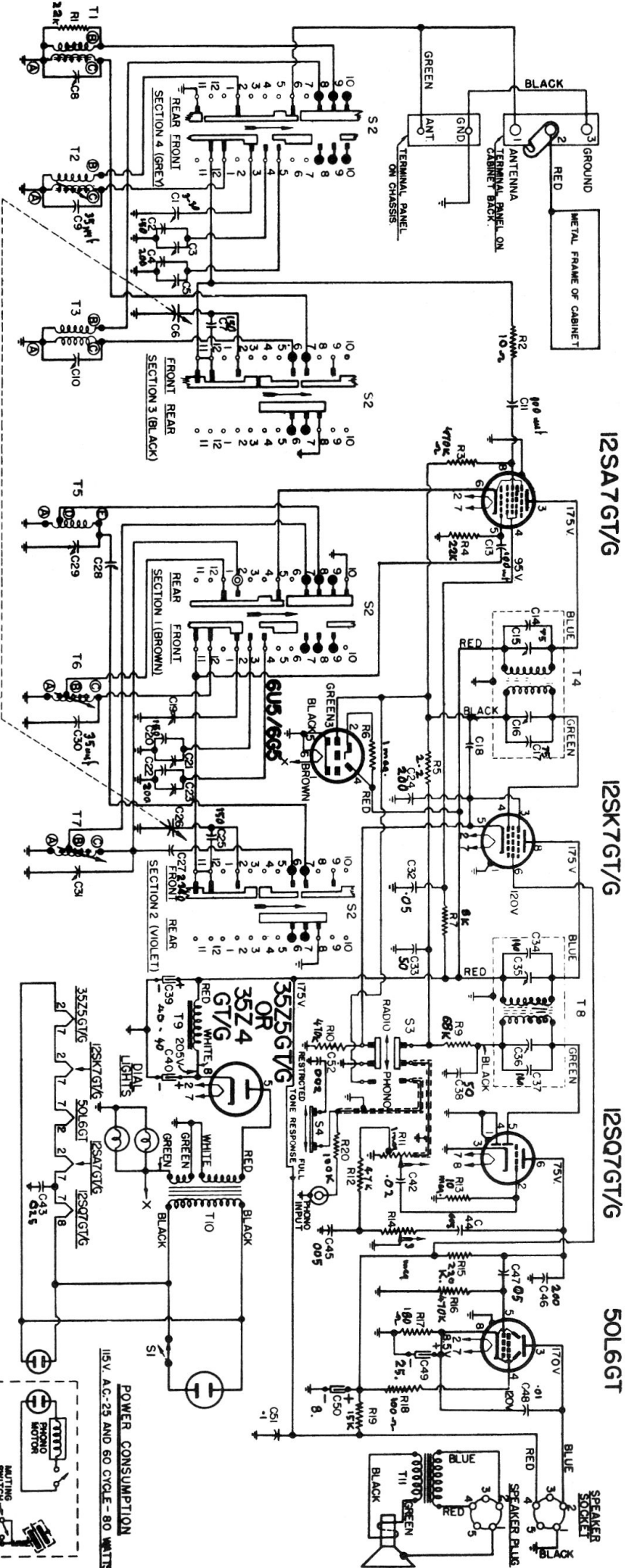




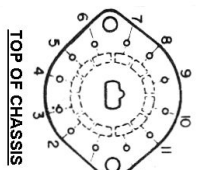
BAND SWITCH NUMBERING SYSTEM

BAND SWITCH SECTIONS ARE SHOWN IN BAND NUMBER 5* POSITION, WHICH IS EXTREME COUNTERCLOCKWISE POSITION OF SWITCH (FULL CLOCKWISE POSITION OF KNOB) VIEWED FROM FRONT OF CHASSIS.

ARROW → INDICATES CLOCKWISE ROTATION OF POTENTIOMETER AND SWITCH (BUT ANTI CLOCKWISE ROTATION OF SWITCH) VIEWED FROM FRONT OF CHASSIS.

● INDICATES CONTACTS CONNECTED THROUGH RIVET FROM FRONT TO REAR OF SWITCH SECTION.

○ INDICATES INSULATED CLIP.

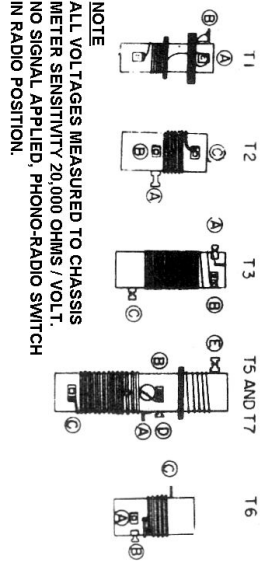


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REFERENCE COLOUR

SWITCH IS SHOWN AS VIEWED FROM FRONT OF CHASSIS



NOTE

ALL VOLTAGES MEASURED TO CHASSIS

METER SENSITIVITY 20,000 OHMS / VOLT.

NO SIGNAL APPLIED, PHONO-RADIO SWITCH IN RADIO POSITION.

ALIGNMENT

PROCEDURE

OPERATION	SIGNAL GENERATOR		DUMMY ANT.	RECEIVER			REMARKS
	CONNECT TO	FREQ.		FREQ.	RANGE SWITCH POSITION	ADJUST FOR MAX. OUTPUT	
1	Grid of 12SK7	455 kc	.05 μ fd.	1600 kc	1	C36, C35 2nd I.F. Trimmers	Connect Generator ground to chassis
2	Stator of C6	455 kc	.05 μ fd.	1600 kc	1	C16, C15 1st. I.F. Trimmers	Upon completion of operation 2 do not readjust C36, C35.
3	Ant. Post	600 kc	200 μ fd.	600 kc	1	C28 B.C. Osc. Padder	Connect Gen. Grnd to receiver grnd.
4	" "	1500 kc	200 μ fd.	1500 kc	1	C29 B.C. Osc. Trimmer C8 " Ant. Trimmer	See note
5	" "	7.0 Mc	400 ohms	7.0 Mc	2	C31 S.W. Osc. Trimmer C10 " Ant. Trimmer	The 400 Ω dummy must be located close to the antenna post.
6	" "	2.9 Mc	400 ohms	2.9 Mc	2	T7 S.W. Osc. Coil	Repeat operation 5 upon completion of operation 6.
7	" "	21.0 Mc	400 ohms	21.0 Mc	5	C19 S.B. Osc. Trimmer	Adjust for first output peak
8	" "	15.2 Mc	400 ohms	15.2 Mc	5	T6 S.B. Osc. Coil	Repeat operation 7 upon completion of operation 8.
9	" "	21.0 Mc	400 ohms	21.0 Mc	5	C1 " Ant. Trimmer	See note
10	" "	15.2 Mc	400 ohms	15.2 Mc	5	T2 S.B. Ant. Coil	Repeat operation 9 upon completion of operation 10.
11	" "	11.6 Mc	400 ohms	11.6 Mc	4	C21 S.B. Osc. Trimmer C3 " Ant. Trimmer	See note
12	" "	9.6 Mc	400 ohms	9.6 Mc	3	C23 S.B. Osc. Trimmer C5 " Ant. Trimmer	See note

NOTE: After the signal has been tuned in with the oscillator trimmer, a greater peak output can be obtained by rocking the gang tuning condensers during adjustments to antenna trimmer.

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