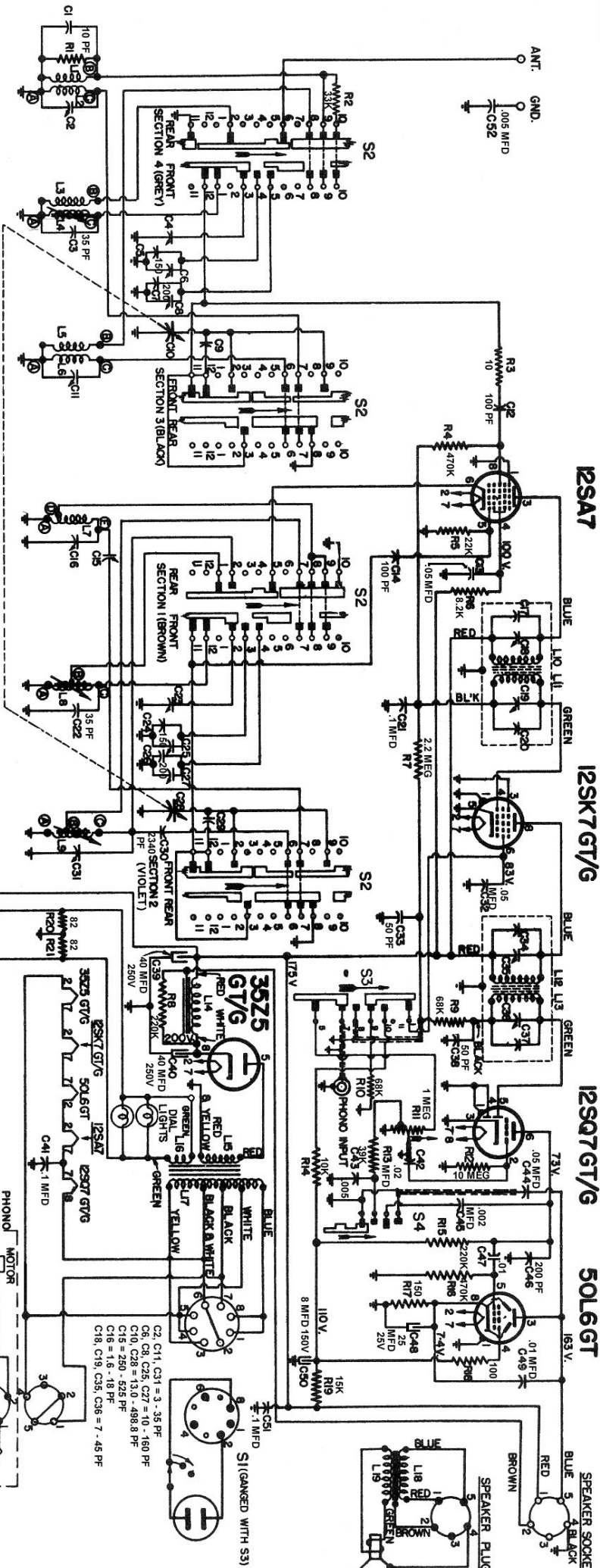
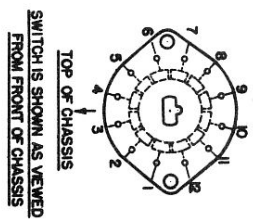


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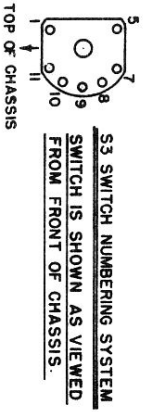


I.F. 455 KC.

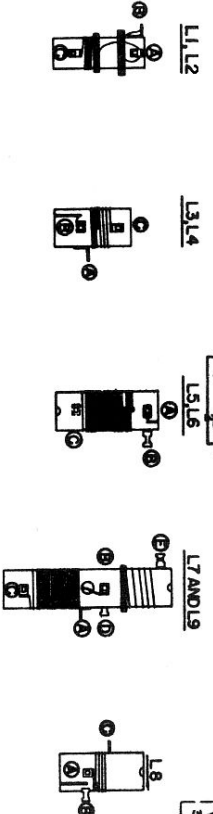
ALL SWITCH SECTIONS ARE SHOWN IN EXTREME COUNTER-CLOCKWISE POSITION OF SWITCH (FULL CLOCKWISE POSITION OF S1, S2 & S3, KNOBS VIEWED FROM FRONT OF CHASSIS. ARROW → INDICATES CLOCKWISE ROTATION OF POTENTIOMETER AND SWITCHES (BUT ANTICLOCKWISE ROTATION OF SWITCH KNOBS FOR S1, S2 & S3) VIEWED FROM FRONT OF CHASSIS.



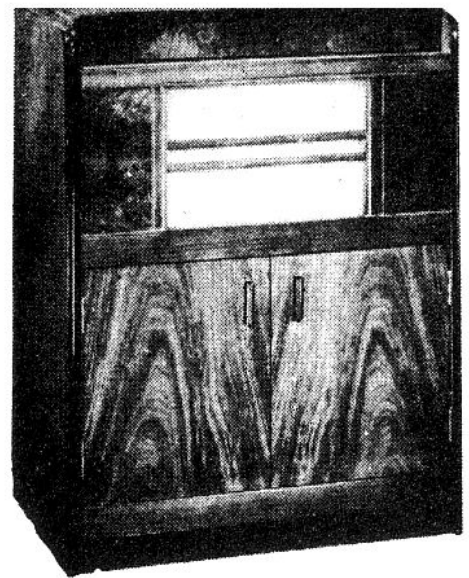
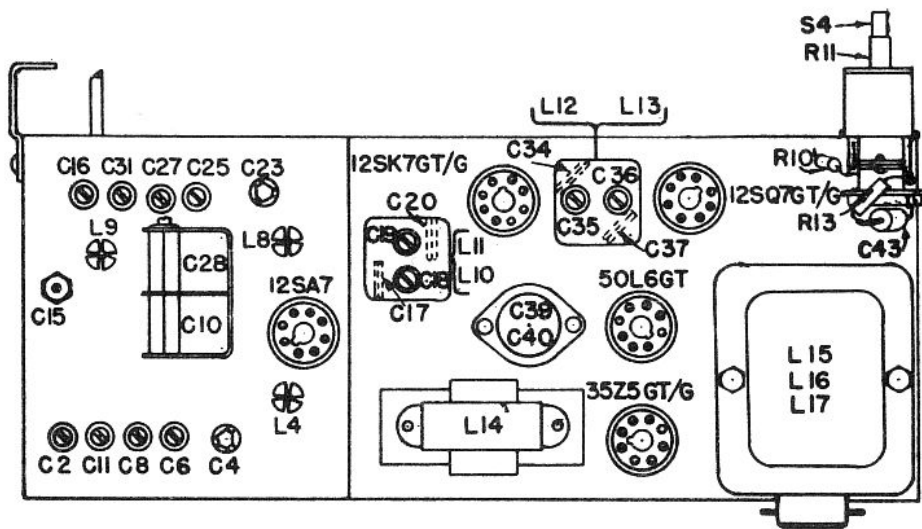
SWITCH IS SHOWN AS VIEWED FROM FRONT OF CHASSIS



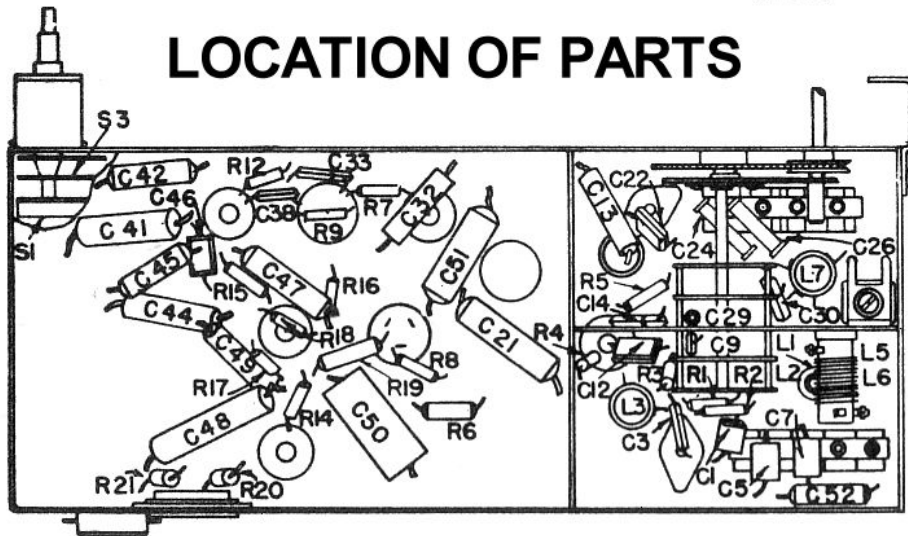
SWITCH IS SHOWN AS VIEWED FROM FRONT OF CHASSIS



NOTE
ALL VOLTAGES MEASURED TO CHASSIS.
METER SENSITIVITY 20,000 OHMS/VOLT
BAND CHANGE SWITCH AT STANDARD
BROADCAST POSITION
PHONO-RADIO SWITCH IN RADIO POSITION

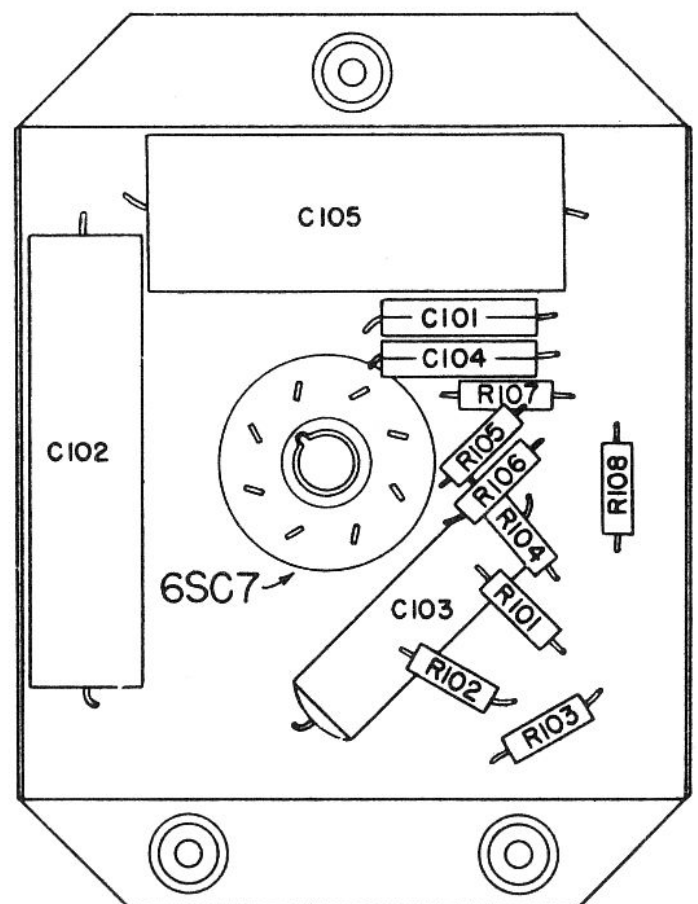
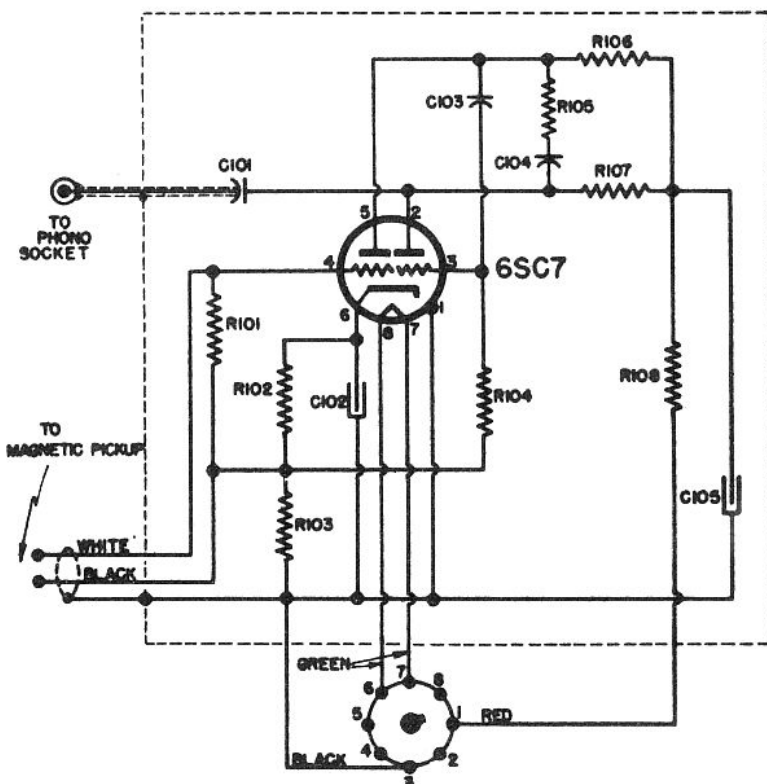


LOCATION OF PARTS



PRE-AMPLIFIER COMPONENTS

C101	1000 uuf.	Mica
C102	25 ufd.	25V.
C103	.002 ufd.	600V.
C104	700 uuf.	Mica
C105	8 ufd.	350V.
R101	470 ohms	½ watt
R102	1500 ohms	½ watt
R103, R108	10,000 ohms	½ watt
R104	1 Megohm	½ watt
R105, R106, R107	330,000 ohms	½ watt



PHILIPS C56A

ALIGNMENT OF RECEIVER

See that the Radio-Gramophone switch is in the radio position (centre position). With the variable capacitor fully closed, adjust the dial pointer on the alignment marks on the sides of the dial scale below the 550 calibration mark, (approximately 530 kc).

EQUIPMENT REQUIRED

OUTPUT INDICATOR: A high resistance A.C. voltmeter and an output transformer.

Place the tone switch in the second position (one position to the right of full counterclockwise) and turn the volume control to the maximum volume (clockwise) position.

SIGNAL GENERATOR: A generator capable of supplying modulated signals between 455 kc and 22 Mc.

Equipment Connections and Alignment Procedure

OUTPUT INDICATOR: Connect the A.C. voltmeter across the voice coil of the speaker. During alignment, keep the output below 1.25 A.C. volts across the voice coil. If the meter is not sensitive enough to indicate 1.25 volts, connect the secondary of an output transformer across the speaker voice coil and connect the A.C. voltmeter across the primary. When using the latter method, the maximum output reading should be kept below 30 A.C. volts. When the output indication increases regulate the signal generator attenuator to restore the original indication.

SIGNAL GENERATOR: Connect the ground lead of the signal generator to the ground jack in the rear of the receiver and the output lead to the points indicated in the chart below, in series with the specified resistor or capacitor.

CAUTION: Before connecting the receiver to the mains make certain that the receiver is adjusted to your mains voltage. Refer to "MAINS" on first page.

