

Mica condensers are coded with an additional dot indicating tolerance:  
Color of Dot  
Tolerance percent  
2 1/2 %  
5 %  
10 %  
15 %  
20 %  
More Than 20 %  
White  
Green  
Blue  
Yellow  
Red  
None

Voltages in Circles are for Series A

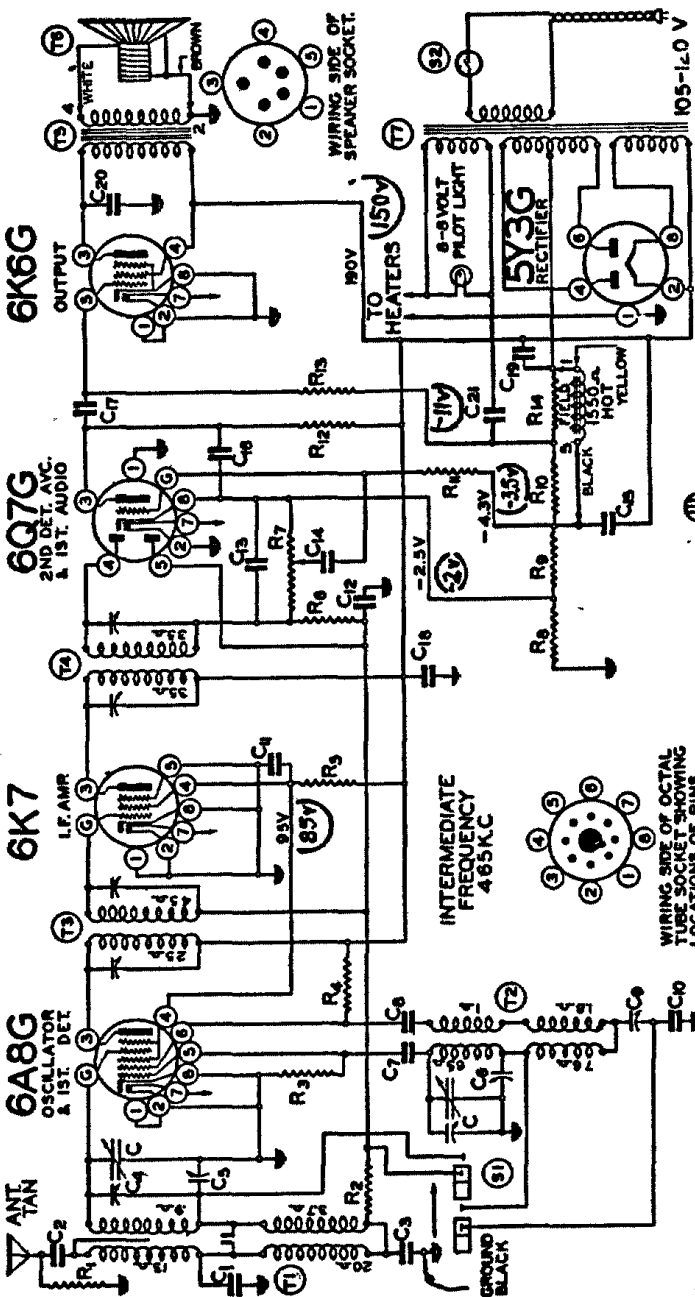


FIG. 3.—BOTTOM VIEW SHOWING TRIMMERS

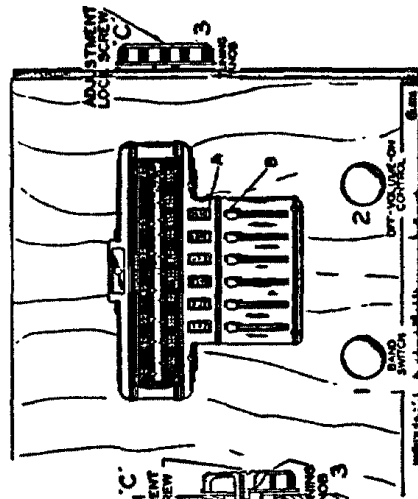


FIG. 2—FRONT VIEW

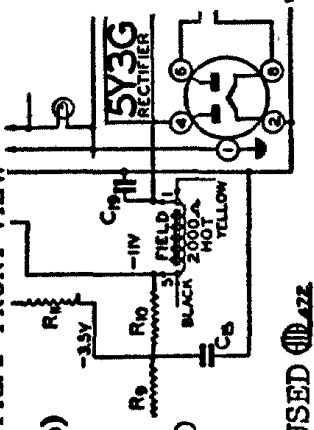


FIG. 1—TOP VIEW

SERIES "A" (Serial No. 7L894500 and up)

- R5 130-149 15M ohm - 1/3 w. 20%
- R8 106-45 65 ohm 10%
- R9 106-45 45 ohm 10%
- R10 106-45 220 ohm 10%
- R14 Grid Bias Res. NOT USED
- C15 119-47 5.0 mfd. 250 v. v. lytic
- C19 119-47 5.0 mfd. 250 v. v. lytic
- C20 100-12 .003 x 600 v. 25%
- C21 Bias-Filter Cond. NOT USED

1000 Mica 20%

.003 x 600 25%

450 wkg. cap. - Series pad

.0014 - 2 1/2 % Mica

.25 x 400 v. 50 - 10%

.05 x 200 v. 25%

.0001 Mica 20%

.01 x 400 v. 25%

8 mfd. x 350 v. v. lytic

.0005 Mica 20%

Code No.	Part No.	Description
R1	130-17	10M ohm - 1/3 w. 20%
R2	130-20	100M ohm - 1/3 w. 20%
R3	130-12	50M ohm - 1/3 w. 20%
R4	130-17	10M ohm - 1/3 w. 20%
R5	130-42	20M ohm - 1/4 w. 20%
R6	130-4	3 megohm - 1/3 w. 20%
R7	101-100	1 megohm - Volume Control
R8	130-204	55 ohm - 1/3 w. 10%
R9	130-203	40 ohm - 1/3 w. 10%
R10	130-205	100M ohm - 1/3 w. 10%
R11	130-4	3 megohm - 1/3 w. 20%
R12	130-9	200M ohm - 1/3 w. 20%
R13	130-102	500M ohm - 1/3 w. 10%
R14	130-46	800M ohm - 1/3 w. 10%

CONDENSERS

Code No.	Part No.	Description
C1	102-63	2 Gang Variable
C2	129-86	.00038 Mica 5%
C3	129-47	.000105 Mica 10%
C4	100-77	.00004 x 600 v. 5%
C5	124-39C	2-25 mmf. Adjustable Condenser
C6	124-30B	2-20 mmf. Dual Adjustable Condenser
C7	124-30B	2-20 mmf. Dual Adjustable Condenser

Voltages taken from different points of circuit to chassis are measured with volume control full on, all tubes in their sockets and speaker connected, with a volt meter having a resistance of 1000 ohms per volt. These voltages are clearly indicated on the circuit diagram.  
All voltages are to be measured with 115 volts on the primary of the power transformer.

PARTS

Code No.	Part No.	Description
T1	111-89	Antenna Coil Complete
T2	110-71	Oscillator Coil Complete
T3	108-105E	Input I.F. 465 kc. Complete
T4	108-105F	Output I.F. 465 kc. Complete
T5	108-57	6" Dynamic speaker (1550 Ohm Field)
T6	114-110	Power Transformer
T7	104-124	Wave band switch
S1	125-43	Switch on volume control

MODEL 582

535 to 1720 K.C.

2000 to 7000 K.C.