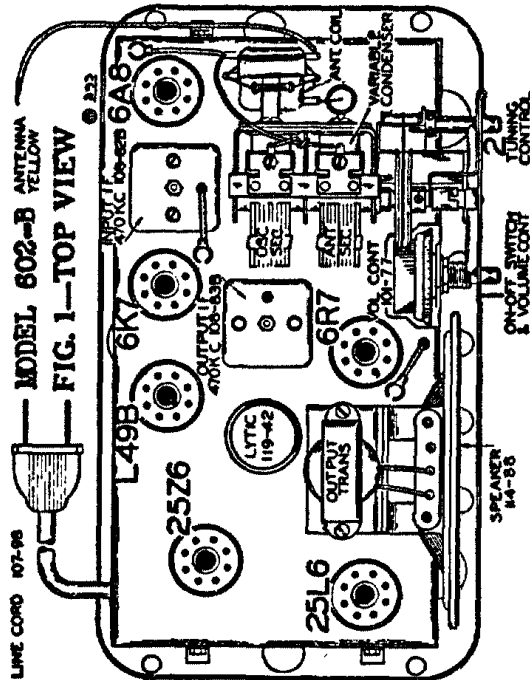
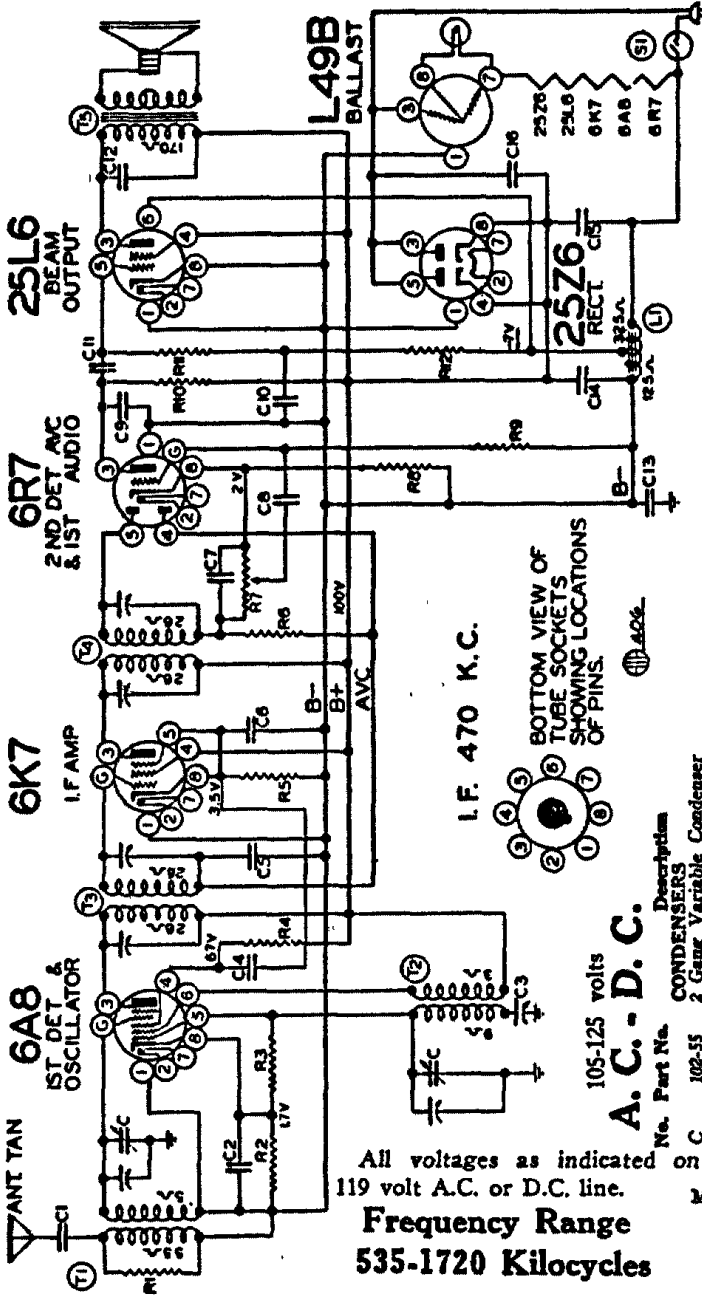
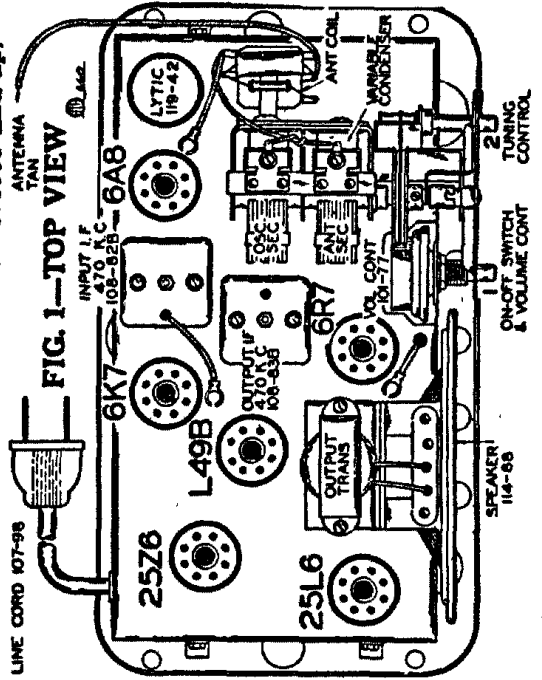


- With external oscillator set at 1720 kilocycles, adjust oscillator trimmer to resonance. This adjustment is on the top of rear section of variable gang condenser. (See Fig. 1).
- Re-set external oscillator to 1400 kilocycles, rotate condenser, pick up oscillator signal and adjust antenna trimmer to resonance. (Top of front section of gang condenser).
- Check sensitivity at 600 and 1000 kilocycles.



MODEL 602C (Serial No. 878500 and up)



### ALIGNING I.F. TRANSFORMERS: (470 K.C.):

- Part No. 108-83B Output I.F. Transformer
- Part No. 108-82B Input I.F. Transformer

These I.F. transformers have two adjustments, both of which are accessible from the top of chassis (see Fig. 1).

- With volume control full on (the extreme right of its rotation), and with the variable condenser set to approximately 1400 kilocycles, make the following adjustments:
  - Connect external oscillator set at 470 kilocycles, in series with .1 mfd. condenser, to the control grid cap of the type 6K7/G tube, and adjust the output I.F. transformer (No. 108-83B) to resonance.
  - Move oscillator output clip from grid of 6K7/G to grid of 6A8G and adjust input I.F. transformer (No. 108-82B) to resonance.
  - With oscillator still connected to 6A8G, readjust output I.F. transformer (108-83B) if necessary.

### R.F. ALIGNMENT: (535-1720 K.C.)

- Unsolder the antenna wire from its terminal on the antenna coil and with gang condenser in its minimum capacity position, plates entirely out of mesh, connect an external oscillator in series with a 50 mmf. condenser to the antenna terminal on the antenna coil and chassis ground and make the following adjustments:

No.	Part No.	Description	Tolerance	Color of Dot
<b>CONDENSERS</b>				
C1	102-55	2 Gang Variable Condenser	25%	White
C2	100-22	.002 x 600	25%	White
C3	100-25	.05 x 200	25%	White
C4	100-22	.000386 Compression Type	25%	White
C5	100-22	Condenser 1%	25%	White
C6	100-9	.05 x 200	25%	White
C7	100-9	.1 x 200	25%	White
C8	128-21	.0002 Mica	25%	White
C9	100-11	.01 x 400	25%	White
C10	128-2	.0005 Mica	25%	White
C11	100-75	.22 x 200	10%	White
C12	100-10	.05 x 200	10%	White
C13	100-67	.025 x 400	25%	White
C14	100-53	.25 x 400	25%	White
C15	119-42	5. mfd. lyric 100 w. v.	20%	White
C16	100-39	20. mfd. lyric 100 w. v.	20%	White
<b>RESISTORS</b>				
R1	130-17	10M ohm — 1/3 w.	20%	White
R2	130-97	200 ohm — 1/3 w.	10%	White
R3	130-12	50M ohm — 1/3 w.	20%	White
R4	130-149	15M ohm — 1/3 w.	20%	White
R5	130-54	500 ohm — 1/3 w.	20%	White
R6	130-4	3 megohm — 1/3 w.	20%	White
R7	101-77	Volume Control (1 meg)	10%	White
R8	130-193	3M ohm — 1/3 w.	20%	White
R9	130-19	1 megohm — 1/3 w.	20%	White
R10	130-94	50M ohm — 1/3 w.	10%	White
R11	130-103	100M ohm — 1/3 w.	10%	White
R12	130-194	35M ohm — 1/3 w.	10%	White
<b>PARTS</b>				
T1	111-79	Antenna Coil Complete		White
T2	110-62	Oscillator Coil Complete		White
T3	106-42R	Input L. F. Complete		White
T4	106-43B	Output L. F. Complete		White
T5	114-88	5" Dynamic Speaker		White
L1		Speaker field 450 ohm— total tapped 125 ohm		White
S1		Switch on volume control		White

Mica condensers are coded with an additional dot indicating tolerance:

Tolerance percent	Color of Dot
2 1/2 %	White
5 %	Green
10 %	Blue
15 %	Yellow
20 %	Red
More Than 20 %	None