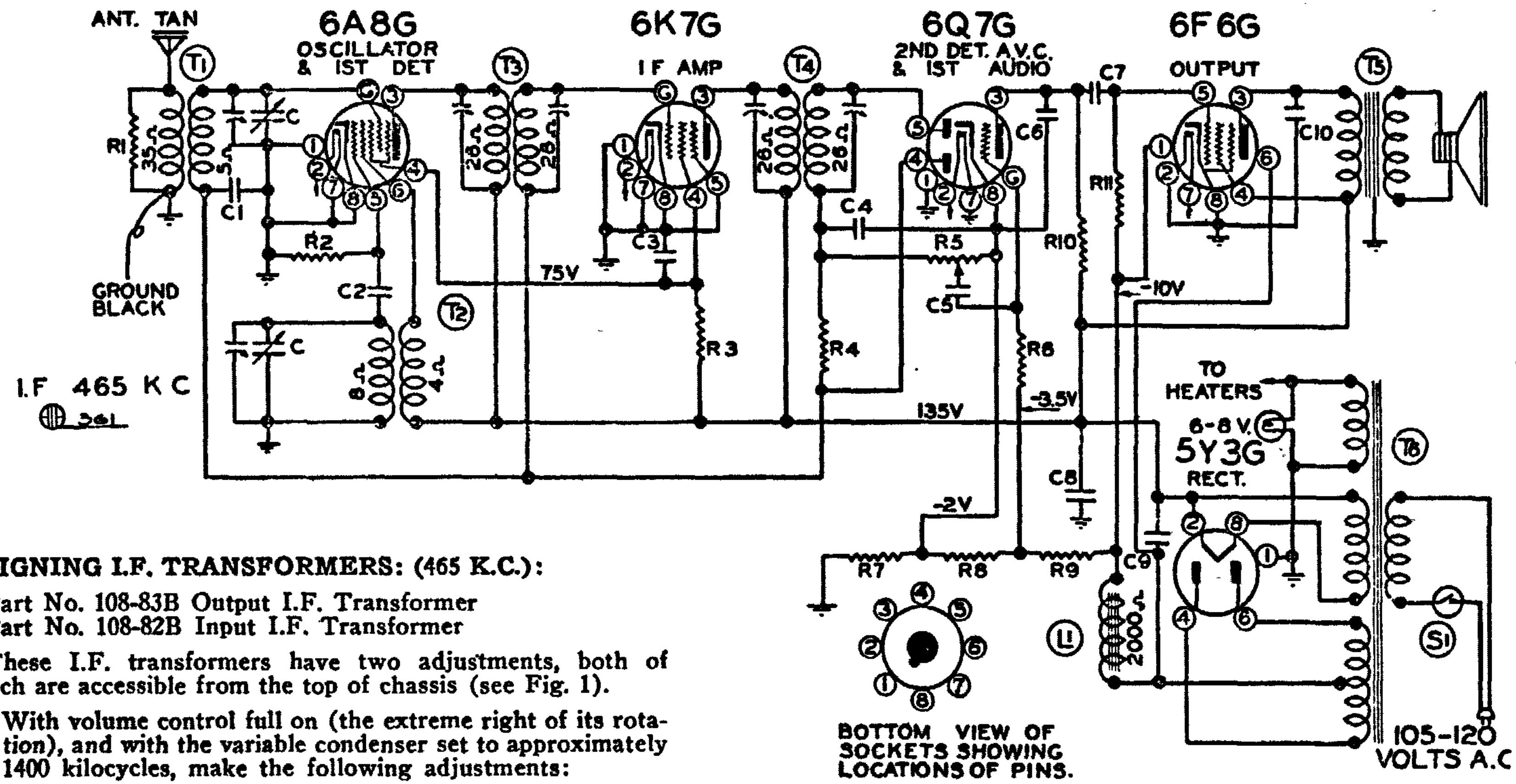
No.	Part No.	Description	
		CONDENSERS	
C	102-49	2 Gang Variable	
C1	100-9	.05 x 200 v.	25%
C2	129-12	.00025 Mica	20%
C3	100-1	.1 x 400 v. —50 —10%	
C4	129-5	.0001 Mica	20%
C5	100-11	.01 x 400 v.	25%
C6	129-2	.0005 Mica	20%
C7	100-11	.01 x 400 v.	25%
C8	119-38	5.0 x 200 wv. lytic	
C9	119-38	5.0 x 250 wv. lytic	
C10	100-19	.006 x 600 v.	25%
		C8 and C9 in one unit	
		RESISTORS	
R1	130-17	10M ohm — 1/3 w. 20%	
R2	130-12	50M ohm — 1/3 w. 20%	
R3	130-149	15M ohm — 1/3 w. 20%	
R4	130-170	3 megohm — 1/3 w. 25%	
R5	101-77	1 megohm volume control	
R6	130-170	3 megohm — 1/3 w. 25%	
R7	106-35	65 ohm	
R8	106-35	45 ohm	
R9	106-35	220 ohm	
R10	130-9	200M ohm — 1/3 w. 20%	
R11	130-118	600M ohm — 1/3 w. 20%	
		R7, R8 and R9 in one unit.	
		PARTS	
T1	111-58B	Antenna Coil Complete	
T2	110-46	Oscillator Coil Complete	
T3	108-82B	Input I.F. Complete	
T4	108-83B	Output I.F. Complete	
T5	114-72	5" Dynamic Speaker	
T6	104-100	Power Transformer	
L1		Speaker Field (2000 ohm)	
S1		Switch on Volume Control	



MODELS 62-475, 62-445 and 62-455
Frequency Range — 535 - 1720 Kilocycles

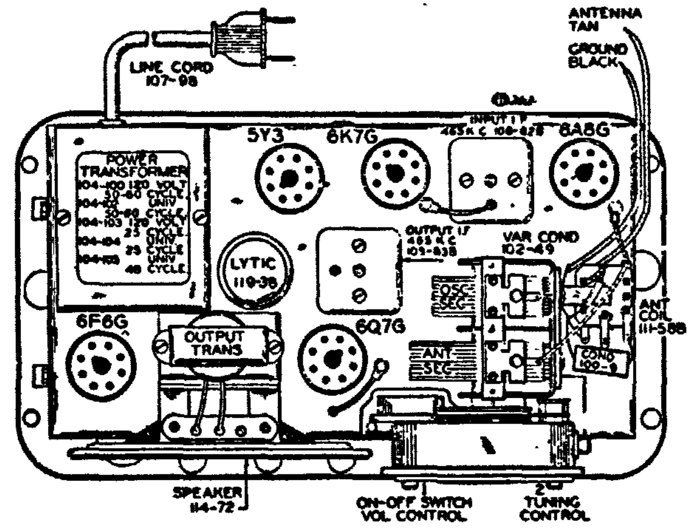


FIG. 1—TOP VIEW

ALIGNING I.F. TRANSFORMERS: (465 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).

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:
   (a) Connect external oscillator set at 465 kilocycles, in series with .1 mfd. condenser, to the control grid cap of the type 6K7G tube, and adjust the output I.F. transformer (No. 108-83B) to resonance.
   (b) Move oscillator output clip from grid of 6K7G to grid of 6A8G and adjust input I.F. transformer (No. 108-82B) to resonance.
   (c) With oscillator still connected to 6A8G, readjust output I.F. transformer (108-83B) if necessary.

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

1. With gang condenser in its minimum capacity position, plates entirely out of mesh, connect an external oscillator in series with a 200 mmf. condenser to the antenna lead and chassis ground and make the following adjustments:
   (a) 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).
   (b) 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).
   (c) Check sensitivity at 600 and 1000 kilocycles.