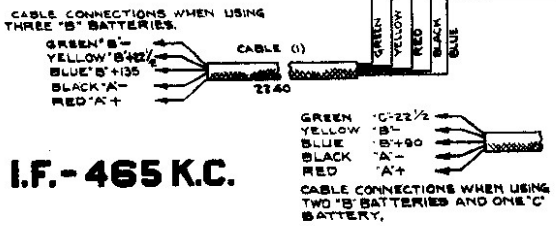
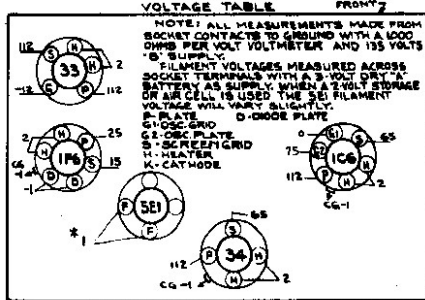
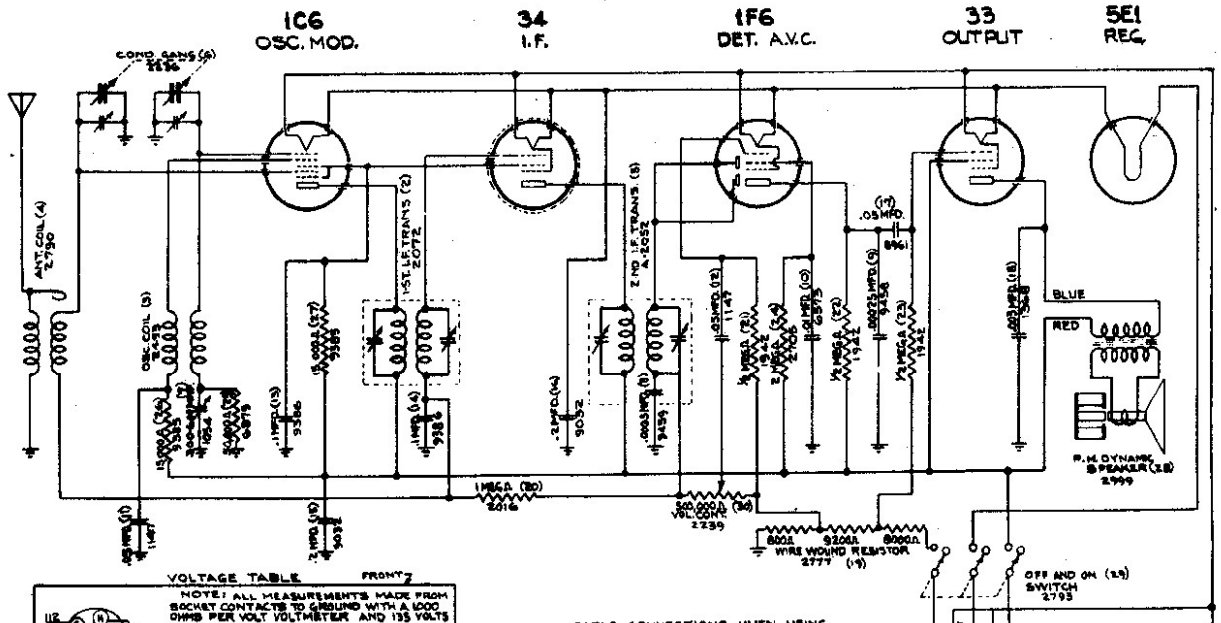


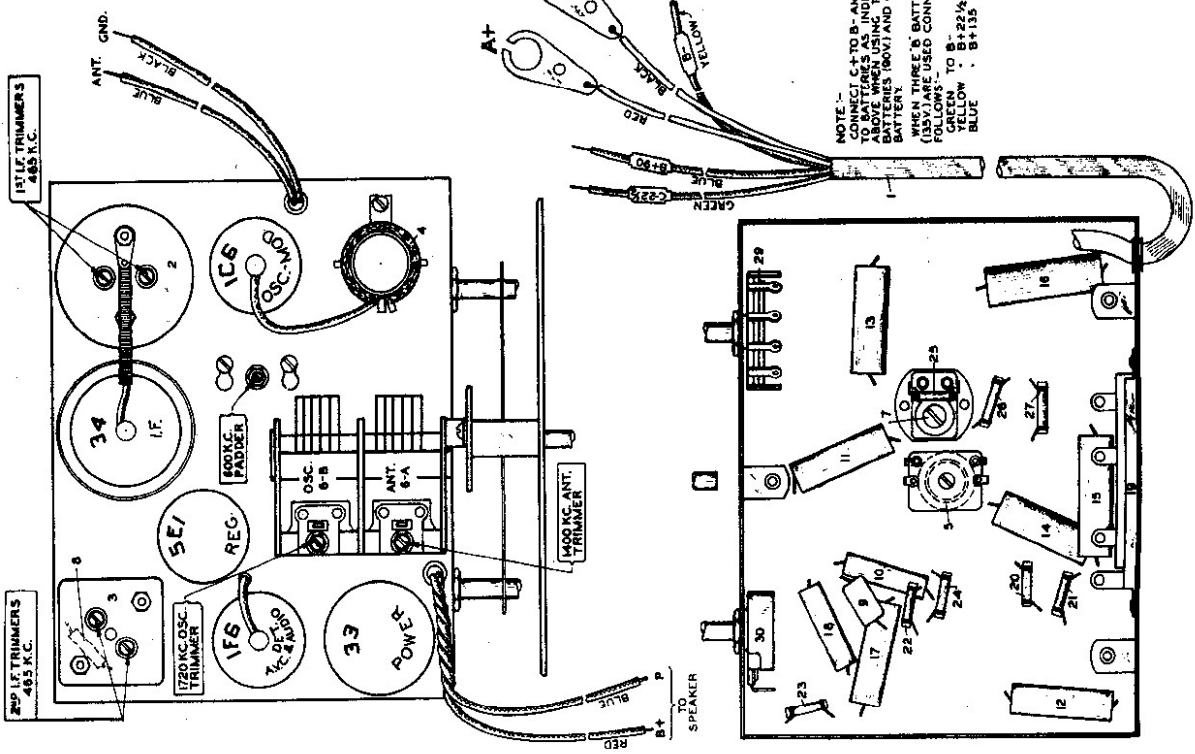
Chassis 60B
Schematic, Voltage, Socket
Trimmers, Layout

ALLIED RADIO CORP.

MODELS A9760, A9761, A9762
A9826, A9828



I.F. - 465 K.C.



MODELS A9760, A9761, A9762
A9826, A9828

ALLIED RADIO CORP.

Chassis 60B
Alignment, Coils, Parts

Alignment of this receiver should never be necessary unless one of the coils has been replaced.

Lack of sensitivity, selectivity or poor tone quality may be due to any one or a combination of causes such as weak or defective tubes or speaker, improperly connected or low batteries, open or grounded bias resistor, bypass condenser, inadequate or excessively long antenna, etc. Never attempt to realign set until all other possible sources of trouble have been first thoroughly investigated and definitely proven not to be the cause.

NOTE: BE SURE TO FOLLOW PROCEDURE CAREFULLY WHEN ALIGNING. OTHERWISE THE RECEIVER WILL BE INSENSITIVE AND THE DIAL CALIBRATION WILL BE INCORRECT.

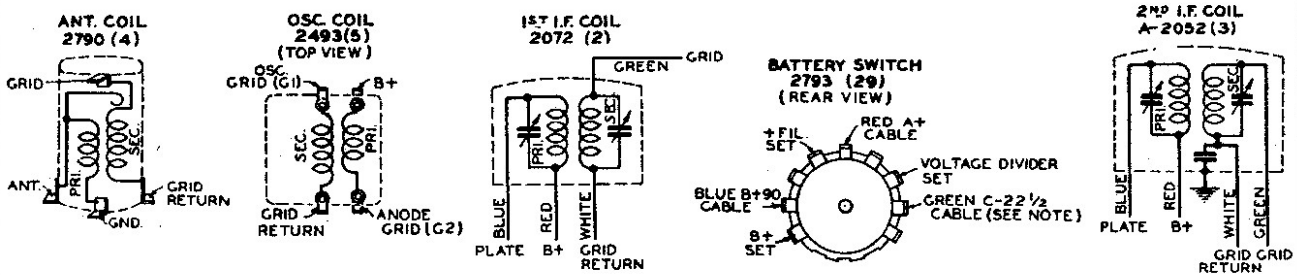
IT IS ABSOLUTELY NECESSARY THAT AN ACCURATELY CALIBRATED TEST OSCILLATOR WITH SOME TYPE OF OUTPUT MEASURING DEVICE BE USED WHEN ALIGNING THE RECEIVER.

ALIGNING I. F. STAGE AT 465 KILOCYCLES:

- (a) Connect the ground lead of the test oscillator to the chassis or set ground lead. Connect the other lead of the test oscillator to the grid cap of the IC6 tube through a .02 Mfd. series condenser. **DO NOT REMOVE GRID CLIP.**
- (b) Set test oscillator to **EXACTLY 465 kilocycles** and turn receiver volume control on full.
- (c) Peak each of the second I. F. transformer trimmers.
- (d) Peak each of the first I. F. transformer trimmers.
To assure most accurate trimmer setting repeat above adjustment several times always using lowest possible test oscillator output consistent with readable output meter scale deflection.

ALIGNING ANTENNA AND OSCILLATOR CIRCUIT:

- (a) Remove test oscillator lead from grid of the IC6 tube and attach it to the receiver antenna lead through a .00025 Mfd. series condenser.
- (b) Check tuning dial adjustment by turning gang condenser until plates touch maximum capacity stop (completely in mesh), at which point the dial needle must be exactly even with the last line at the low frequency end of the dial calibration. If the dial needle does not point exactly to the last line move needle to correct position.
- (c) Set receiver dial and test oscillator frequency to **EXACTLY 1720 kilocycles.**
- (d) Bring in 1720 KC test oscillator signal to maximum output by adjusting the trimmer condenser mounted on top of the oscillator section of the gang condenser.
Looking at the front of the receiver the rear section of the gang condenser is the oscillator section.
- (e) Tune receiver dial and set test oscillator frequency to **EXACTLY 1400 kilocycles.**
- (f) Adjust trimmer on top of the front section gang condenser (antenna section) for maximum 1400 kilocycle test signal response.
- (g) Tune receiver dial and set test oscillator frequency to approximately 600 kilocycles.
- (h) While rocking the tuning condenser back and forth adjust 600 KC oscillator padder condenser which is accessible through the hole in the top of the chassis adjacent to the gang condenser for maximum 600 kilocycle signal response.



Illus. No.	Part Name	Description	List Price	Illus. No.	Part Name	Description	List Price
1	2240	Cable	.68	21	1942	Resistor	Carbon 1/2 Meg Ohm 1/3 Watt Ins. .19
2	2072	Coil	1.55	22	1942	Resistor	Carbon 1/2 Meg Ohm 1/3 Watt Ins. .19
3	2052	Coil	1.90	23	1942	Resistor	Carbon 1/2 Meg Ohm 1/3 Watt Ins. .19
4	2790	Coil	1.00	24	2705	Resistor	Carbon 2 Meg Ohm 1/3 Watt Ins. .19
5	2493	Coil	.55	25	6679	Resistor	Carbon 50,000 Ohm 1/3 Watt Ins. .19
6	2236	Condenser	2.50	26	9385	Resistor	Carbon 15,000 Ohm 1/3 Watt Ins. .19
7	1054	Condenser	.55	27	9385	Resistor	Carbon 15,000 Ohm 1/3 Watt Ins. .19
8	9459	Condenser	.21	28	2999	Speaker	F. M. Dynamic (6") 5.50
9	9458	Condenser	.21	29	2793	Switch	On-Off (3 pole 2 Pos.) .69
10	6573	Condenser	.17	30	2239	Volume Control	.80
11	1147	Condenser	.19			MISCELLANEOUS	
12	1147	Condenser	.19	9987	Base	Tube Shield .05	
13	9386	Condenser	.19	3183	Dial Assembly	Complete Tuning, Mention Required Name 2.25	
14	9386	Condenser	.19	3177	Dial Scale	Calibrated Scale, Mention Required Name .48	
15	9032	Condenser	.23	2795	Dial Indicator	Off & On Scale for Dial .27	
16	9032	Condenser	.23	2796	Glass	For Dial .95	
17	8961	Condenser	.19	3031	Knob	Small .19	
18	1368	Condenser	.17	3032	Knob	Large .18	
19	2777	Resistor	.63	3043	Pointer	For Tuning Dial .15	
20	2016	Resistor	.19	1411	Shield	Tube .14	

Prices are subject to change without notice.

Part No. 60B