

General Electric 505, 506, 507, 508, 509, 530

Change Step 1 (column 2) of the Alignment Chart to read "12BA6 grid pin (1)," and Step 2 (column 2) to read "12SA7 grid pin (8)." Change the tube type numbers of the I-F Stage Gains to read: 12SA7 grid to 12BA6 grid—50 at 455 kc; 12BA6 grid to 12SQ7 diode plate—50 at 455 kc.

General Electric 509, 530

Catalogue items RWL-009 and RWL-106 should be deleted from the Parts List and replaced by the following items: RWL-025, Cord, power cord and plug (brown, heavy duty type) for Model 530; RWL-024, Cord, power cord and plug (white, heavy duty type) for Model 509.

General Electric 515, 516, 517, 518

Catalogue items RWL-009 and RWL-016 should be deleted from the Parts List and replaced by the following items: RWL-025, Cord, power cord and plug (brown, heavy duty type) for Models 515, 517, 518; RWL-026, Cord, power cord and plug (ivory, heavy duty type) for Model 516.

General Electric 521, 522

Delete items RDK-217, RDS-090 and RWL-009 from the Parts List, and add the following items: RDK-237, Knob, tuning dial wheel with scale embossed; RWL-025, Cord, power cord and plug (brown, heavy duty type).

General Electric 600, 601, 603, 604

The description "maroon for Models 600 and 601" should be added to Stock items RAB-096, RAU-308, RHY-010, and RHB-006. The following additional replacement parts have been added to the Parts List for Models 600, 601, 603, and 604.

Part No.	Description
RAB-125	Back, cabinet back, tan, less hinges (603)
RAB-126	Back, cabinet back, green, less hinges (604)
RAU-527	Cabinet, cabinet body, tan (less back, handle and hardware) (603)
RAU-528	Cabinet, cabinet body, green (less back, handle and hardware) (604)
RDK-204	Knob, volume or tuning, green (604)
RDK-205	Knob, volume or tuning, tan (603)
RHB-014	Button, plug button, tan, in cabinet over alignment trimmers (603)
RHB-015	Button, plug button, green, in cabinet over alignment trimmers (604)
RHM-012	Clip, for rim-mounting speaker
RHM-063	Clip, for hole-mounting speakers
RHW-024	Cup washer, retaining washer for item RMS-217, handle shock spring
RHY-016	Handle, cabinet handle, tan (603)
RHY-017	Handle, cabinet handle, green (604)
RJP-028	Plug, battery connecting plug P1
RMS-216	Guide spring, used with item RMC-040
RMS-217	Spring, shock spring for cabinet handle
UCG-022	Capacitor, 56 μ f, mica, C15.

General Electric 752

A 47- μ f, silver mica capacitor, C3, was added to the circuit of later receivers to prevent parasitic oscillation. C3 has been added from ground to the junction of R6 and the f-m terminal of S1E. In the Visual Alignment Chart, Step 5 of EM-IF Alignment, change adjustment "Core of T4" to read "Core of T9."

Hallicrafters S-41G, S-41W

In the Alignment Data Table for these models, under the column headed Adjust Trimmers, add C-4A to Step 1, C-4B to Step 2, and C-4C to Step 3. In some models the two capacitors marked C2 have been replaced by variable iron core T6.

Jewel 349, 949

Model 349 is the same as Model 949. The Alignment Procedure for these models is the same as that for Models 921, 935 and 936, except that "Reduce input as needed to keep output near 1.28 volts (0.5 watt)" should read "to keep output near 0.4 volt (0.5 watt)," and in the third column, 12BE6 grid (mentioned twice) should read 1R5 grid. The Parts List for Models 349 and 949 is given below:

Ref. No.	Part No.	Description
C1	30-17A	Variable capacitor, 2 gang, 420 μ f, 162 μ f
C2, 3, 11	32-4	Tubular paper capacitor, 0.05 μ f, 200 v
C4, 6	32-29	Tubular paper capacitor, 0.01 μ f, 200 v
C5, 7	32-17	Tubular paper capacitor, 0.002 μ f, 200 v
C8	32-20	Tubular paper capacitor, 0.005 μ f, 200 v
C9	32-5	Tubular paper capacitor, 0.05 μ f, 400 v
C10	32-32	Tubular paper capacitor, 0.1 μ f, 200 v
C12, 13	35-4	Mica capacitor, 100 μ f, 500 v
C14	31-16A	Electrolytic capacitor, 50 x 30 μ f, 150 v
C15	31-17	Electrolytic capacitor, 200 μ f, 15 v
R1	20-49	100K, $\frac{1}{2}$ w, 20%
R2	20-46	3.3M, $\frac{1}{2}$ w, 20%
R3	20-6	2.2M, $\frac{1}{2}$ w, 20%
R4	20-42	8.2K, $\frac{1}{2}$ w, 20%
R5	20-57	10M, $\frac{1}{2}$ w, 20%
R6	20-53	4.7M, $\frac{1}{2}$ w, 20%
R7	20-74	220K, $\frac{1}{2}$ w, 20%
R8	20-14	1M, $\frac{1}{2}$ w, 20%
R9	20-51	47 ohms, 1 w, 10%
R10	20-143	2.5K, 3 w, 5% w/w
R11	20-154	2.2K, 1 w, 10%
R12	20-109	1.5K, $\frac{1}{2}$ w, 10%
R13, 14	20-67	1K, $\frac{1}{2}$ w, 10%
R15	50-17	Volume control, 1 megohm, DPST switch (82)
T1	61-12	Input i-f transformer
T2	61-13	Output i-f transformer
L1	62-16	Loop
L2	60-10	Oscillator coil
L3	67-4	Manual slide switch, DPDT
S1	73-3	Selenium rectifier, 65 ma
	80-15	4" p.m. speaker with output transformer
	120-28	Leatherette cabinet
	120-28	Front panel and baffle board
	W122-24	Volume knob
	W122-19	Selecter knob
	123-9	Plastic dial.

Jewel 920A

The Alignment Procedure and Parts List for Model 920A is the same as that for Models 921, 935, 936.

Jewel 964

In later Model 964 receivers, pin 5 of the 12AT6 is connected to the junction of the i-f transformer and pin 6, instead of to the junction of the antenna coil and the 4.7-megohm resistor (going to the i-f transformer). The Alignment Procedure is the same as that given for Models 921, 935, and 936, except that 1500 kc, under Coupling Capacitor, should read 50 μ f; under Connections to Receiver should be Antenna (Disconnect antenna hank by unsoldering), and under Ground Connection should be B—. The seven markings on the dial represent 550 kc, 650 kc, 750 kc, 900 kc, 1100 kc, 1400 kc, and 1600 kc, respectively.

Jewel 955

The Alignment Procedure for Model 955 is the same as that given for Model 964. Model 955 also uses 12SA7, 12SQ7, 50L6, and 35Z5. The Parts List is as follows:

Ref. No.	Part No.	Description
C1	32-17	Tubular paper capacitor, 0.002 μ f, 200 v
C2	32-4	Tubular paper capacitor, 0.05 μ f, 200 v
C4	32-29	Tubular paper capacitor, 0.01 μ f, 200 v
C6	32-5	Tubular paper capacitor, 0.05 μ f, 400 v
C7	35-4	Mica capacitor, 100 μ f, 500 v
C8	31-20	Electrolytic capacitor 50 x 30 μ f, 150 v
C9	30-18	Variable capacitor, 420 μ f & 162 μ f
R1	20-5	21K, $\frac{1}{2}$ w, 20%
R2	20-7	4.7M, $\frac{1}{2}$ w, 20%
R3	20-8	10M, $\frac{1}{2}$ w, 20%
R4	20-19	470K, $\frac{1}{2}$ w, 20%
R5	20-14	30K, $\frac{1}{2}$ w, 20%
R6	20-75	1.5K, 1 w, 20%
R7	20-43	22 ohms, $\frac{1}{2}$ w, 20%
R8	20-46	22 ohms, 1 w, 20%
R9	50-11B	Volume control, 2 megohms, SPST switch
	60-12	Oscillator coil, with spring clip
	61-14	i-f transformer, with solder tabs
	62-17	Antenna coil
	47-3	Antenna hank, 15'
	80-17	4" p.m. speaker with output transformer
	120-30A	Cabinet (specify color)
	122-15	Knob (2) (specify color)

Midwest KC-15

The mixer coil plate should be grounded to the front apron of the chassis with tinned copper braid to reduce f-m-r-f regeneration.

Montgomery Ward 84GSE-3011B

Model 94GSE-3011B differs from Model 84GSE-3011A only in type of cabinet covering and cabinet hardware as listed below:

Part Number	Description
MW7E179-3	Cabinet
MW20E449-2	Rear door with hinges, antenna post and line cord
MW20E461	Handle with mounting brackets

Motorola BKOA, CT8A, GM9TA, GMOT, HNO, ILOTC, KR9A, OEO, PCO, PC9A, SR9A, Ch. 10A

The above models all use Chassis 10A. Model BKOA is used in 1950 Buick Special, Super and Roadmaster cars. It will also accommodate 1949 Buick Super and Roadmaster; also the 50-70 Series 1948, '47, '46, and '42 Buick cars. Model CT8A is used in 1948 Chevrolet. It will also accommodate 1947, '46, '42, and '41 Chevrolet cars. Model GM9TA is used in 1949 and 1948 GMC and Chevrolet trucks. Model GMOT is used in 1950, '49, and '48 GMC and Chevrolet trucks. Model HNO is used in 1950 Hudson (Pacemaker, Super, and Commodore). Model ILOTC is used in International L-Line trucks. Model KR9A is used in 1949 Kaiser and Frazer. Model OEO is used in 1950 Series 76 and 88, all 1949 and 1948 Futuramic Oldsmobile cars. Model PCO is used in 1950 and 1949 Pontiac cars. Model PC9A is used in 1949 Pontiac cars. Model SR9A is used in 1949 Studebaker cars.

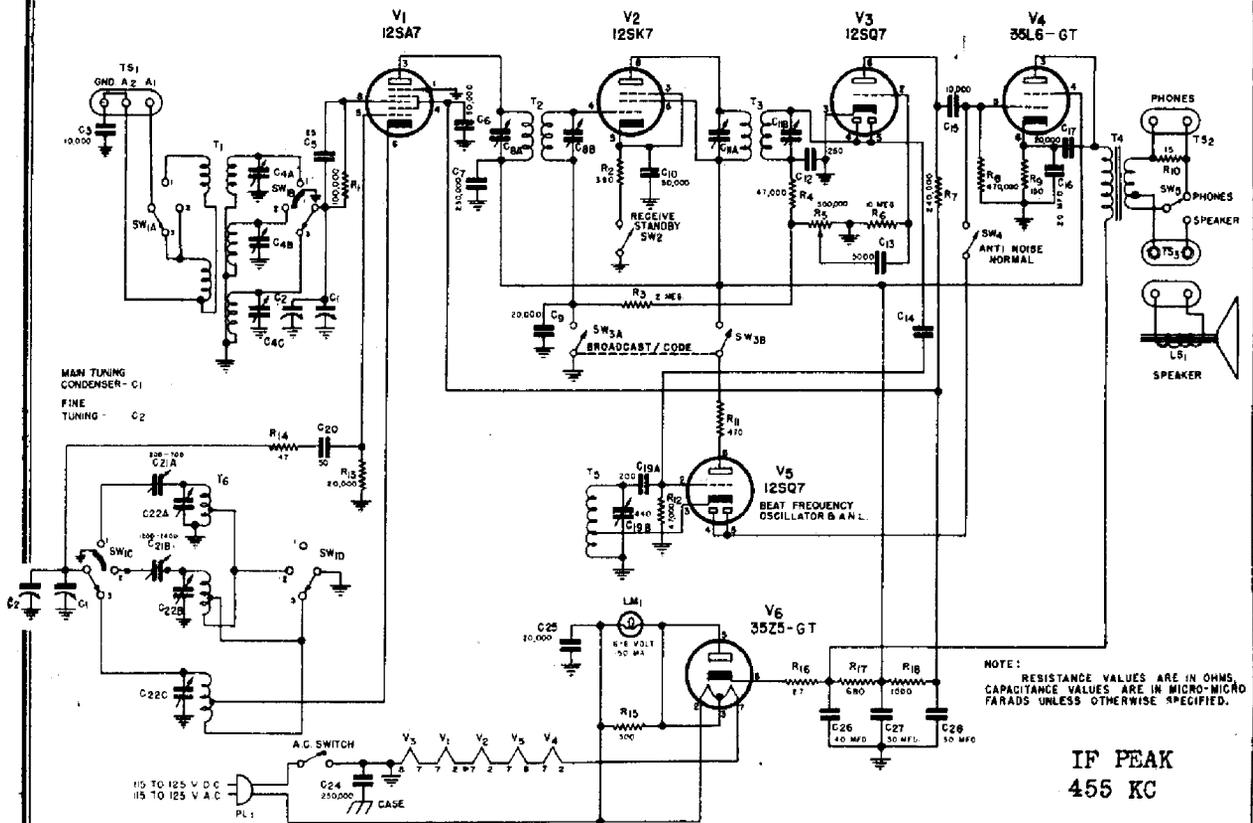
Philco 50-621

This model completed production without change and appears as Run #1 only. The following corrections and additions have been made to the Parts List:

Part No.	Description
34-8003-1	Selenium rectifier, 100 ma, CR1
10761-3	Cabinet, brown
10761-4	Cabinet, beige
10761-5	Cabinet, green
54-4712-3	Back, brown
54-4712-4	Back, beige
54-4712-5	Back, green
Delete	Front
Delete	Shield base.

THE HALLICRAFTERS CO.

MODELS S-41G, S-41W



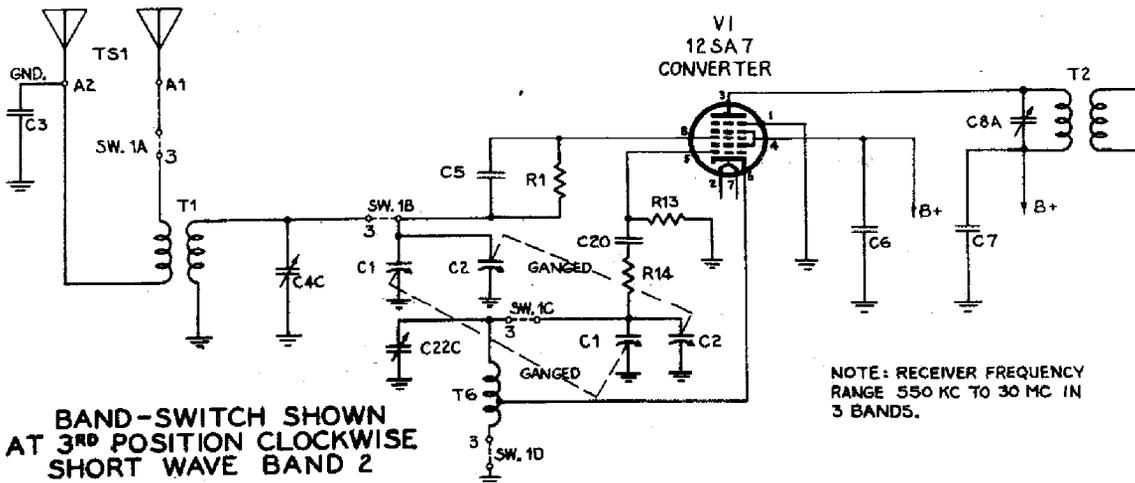
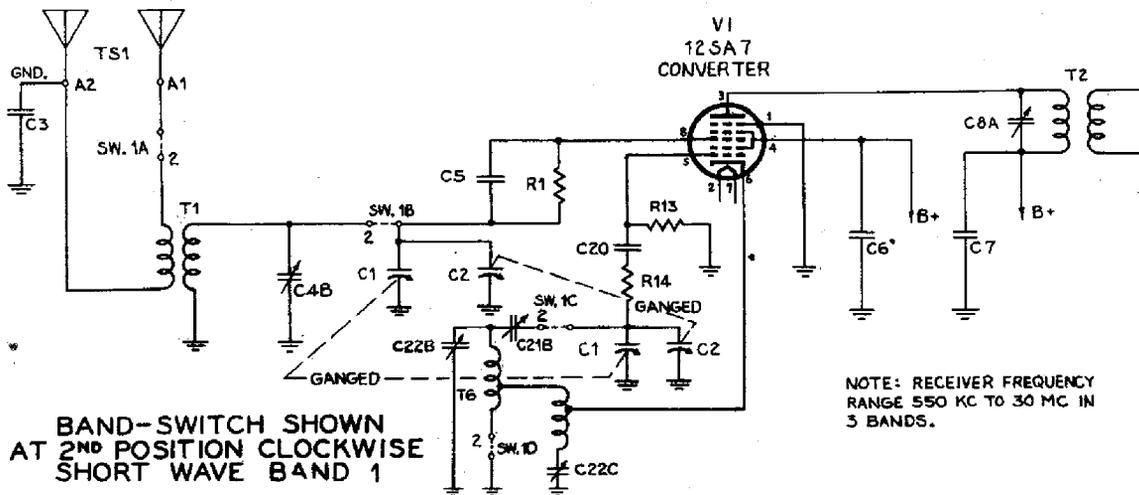
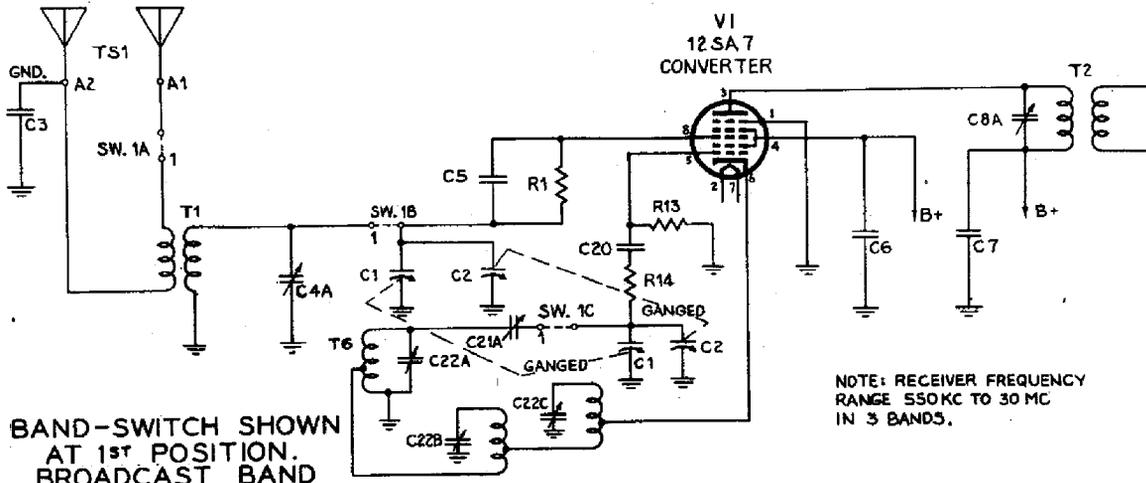
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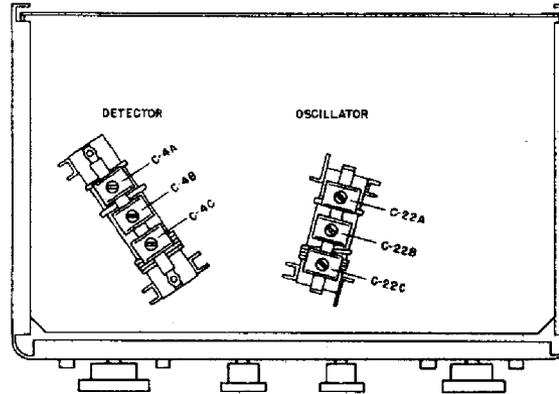
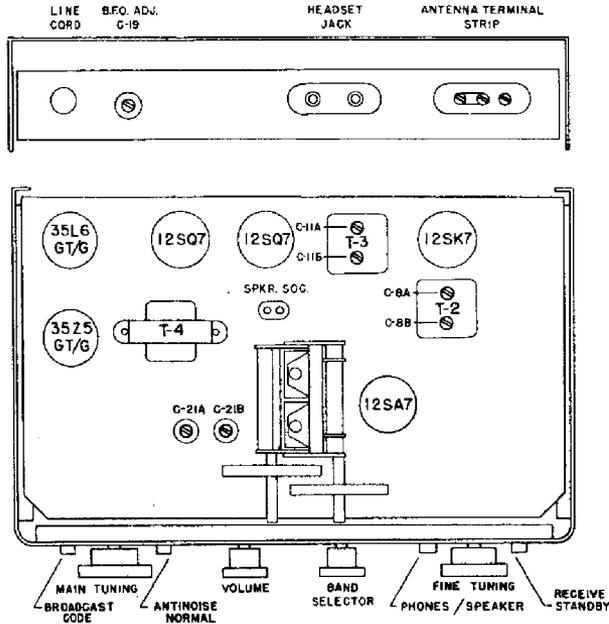
December 1945

Foreign and Domestic Broadcast Reception. - To receive broadcast stations set the controls as follows:

- VOLUME control** - Set at OFF when the receiver is not in use. Turn to the right until desired volume is obtained after tuning in the station.
- BAND SELECTOR switch** - Set at band number corresponding to the range covering desired frequency of reception.
- BROADCAST-CODE switch** - Set at Broadcast. This switch may be set at CODE to help tune in weak phone signals by tuning for zero beat and then switching back to BROADCAST.
- PHONES/SPEAKER switch** - Set at PHONES for headset reception; set at SPEAKER for loud-speaker reception.
- RECEIVE-STANDBY switch** - Set at RECEIVE when listening, set at STANDBY during short standby periods.
- FINE TUNING control** - Set at zero when tuning in stations with the MAIN TUNING control. Tuning dial calibrations are true only when the FINE TUNING pointer is set at zero. Use the FINE TUNING control for amateur band reception or for vernier tuning in the short wave bands.
- MAIN TUNING control** - Set main tuning pointer at frequency of desired station. FINE TUNING pointer must be set at zero for true calibration.
- ANTI NOISE-NORMAL switch** - Set at NORMAL unless background noise is excessive.

Foreign and Domestic Code Reception. - To receive code stations set the BROADCAST-CODE switch at CODE. All other controls are to be handled as for foreign and domestic broadcast.





Listed below in table form, are the alignment frequencies and adjustments necessary to align the receiver. CAUTION - Do not connect signal generator ground directly to the chassis, connect it to the "G" terminal of the antenna terminal strip.

ALIGNMENT DATA

Band	Signal Generator Frequency	Dummy Antenna	Adjust Pads	Adjust Trimmers
I-F	455 kc.	None	None	C-8A, C-8B, C-11A, C-11B
BFO	455 kc.	None	Adjust capacitor C-19 for zero beat.	
1	600 kc. 1600 kc.	330 ohm 330 ohm	C-21A None	None C-22A
2	2.4 mc. 7.0 mc.	330 ohm 330 ohm	C-21B None	None C-22B
3	None 28 mc.	None 330 ohm	None	C-22C