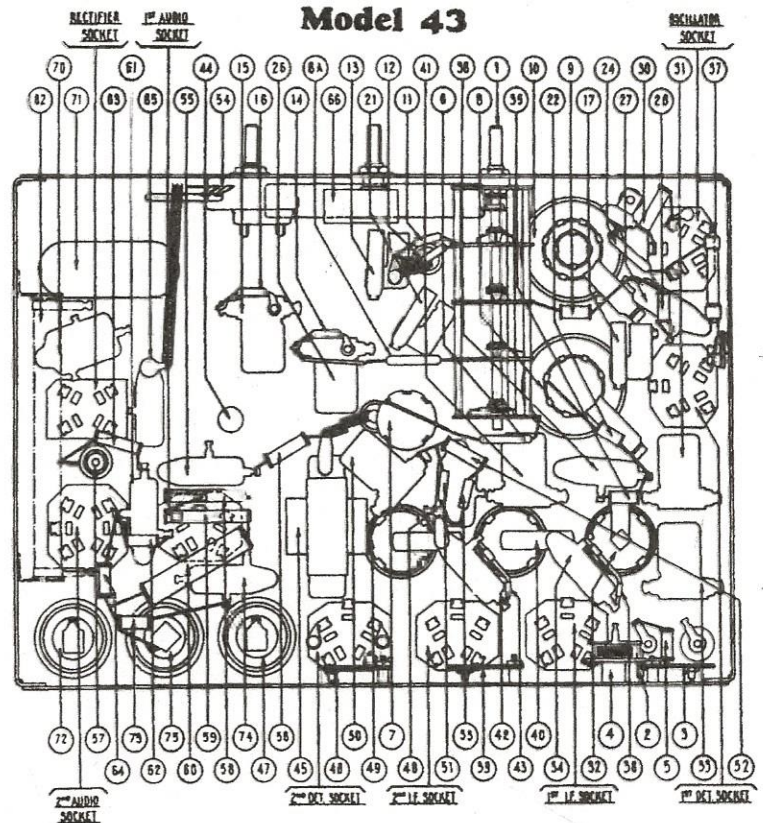


Replacement Parts

Model 43

No. on Figs. 2 and 3	Description	Part No.
1	Wave Change Switch	05617
2	Condenser (.410 mmf.)	5120
3	Compensating Condenser—450 K. C. Wave Trap	04000B
4	R. F. Choke	05191
5	Resistor (2,000 ohms)	6984
6	Condenser (1000 mmf.)	5215
7	Antenna Coupling Coil	05189
8	Antenna Transformer *	06404
9	Condenser (3,000 mmf.)	6009
10	Resistor (1,000 ohms)	5837
11	Oscillator Coil *	05624
12	Condenser (1,650 mmf.)	5877
13	Condenser (1,250 mmf.)	5886
14	Compensating Condenser—1400 K. C. End of Second Band	04000F
15	Condenser (250 mmf.)	3082
16	Compensating Condenser—600 K. C. End of First Band	04000F
17	Condenser (250 mmf.)	3082
18	Compensating Condenser—8 Megacycle End Third Band	04000V
19	Tuning Condenser Assembly	05154
20	Grid Coil (Top of Chassis)	05190
21	Compensating Condenser (Part of Tuning Cond. Assembly)	
22	Compensating Condenser (3.5 Megacycle End of Second Band)	04000V
23	Resistor (99,000 ohms)	4411
24	Neutralizing Condenser (Top of Chassis)	04000V
25	Condenser (1000 mmf.)	5837
26	Condenser (50 mmf.) (Top of Chassis)	3774
27	Resistor (490,000 ohms)	4517
28	Compensating Condenser (1400 K. C. End of First Band)	04000F
29	Resistor (25,000 ohms)	4516
30	Condenser (.05 mfd.)	3615E
31	Resistor (500 ohms)	6977
32	Compensating Condenser	04000C
33	Compensating Condenser—1st I. F. Primary	04000M
34	First I. F. Transformer	05185
35	Compensating Condenser—1st I. F. Secondary	04000M
36	Condenser (.05 mfd.)	3615W
37	Resistor (2,000,000 ohms)	5872
38	Condenser (.05 mfd.)	3615J
39	Resistor (10,000 ohms)	3524
40	Resistor (500 ohms)	6977
41	Compensating Condenser—2nd I. F. Primary	04000M
42	Second I. F. Transformer	05185
43	Compensating Condenser—2nd I. F. Secondary	04000X
44	Condenser (.05 mfd.)	3615W
45	Resistor (500 ohms)	6977
46	Filter Condenser Bank (.25, 2-.5 mfd.)	05239
47	Filter Choke	5930
48	Condenser (.05 mfd. and Resistor 250 ohms)	3615AS
49	Electrolytic Condenser	7536
50	Compensating Condenser—3rd I. F. Primary	04000M
51	Third I. F. Transformer	05185
52	Compensating Condenser—3rd I. F. Secondary	04000M
53	Condenser (110 mmf.)	4519
54	Resistor (99,000 ohms)	4411
55	Condenser (110 mmf.)	4519
56	Volume Control and On-Off Switch	6892
57	Condenser (.01 mfd.)	3903F
58	Resistor (1,000,000 ohms)	4409
59	Wire Wound Resistor (185 and 245 ohms)	6452
60	Resistor (5,000 ohms)	3526
61	Resistor (5,000 ohms)	3526
62	Resistor (13,000 ohms)	6450
63	Condenser (.01 mfd.)	3903N
64	Resistor (70,000 ohms)	5385
65	Resistor (490,000 ohms)	4517
66	Resistor (25,000 ohms)	4516
67	Condenser (.01 mfd.)	3903AA
68	Tone Control	05174



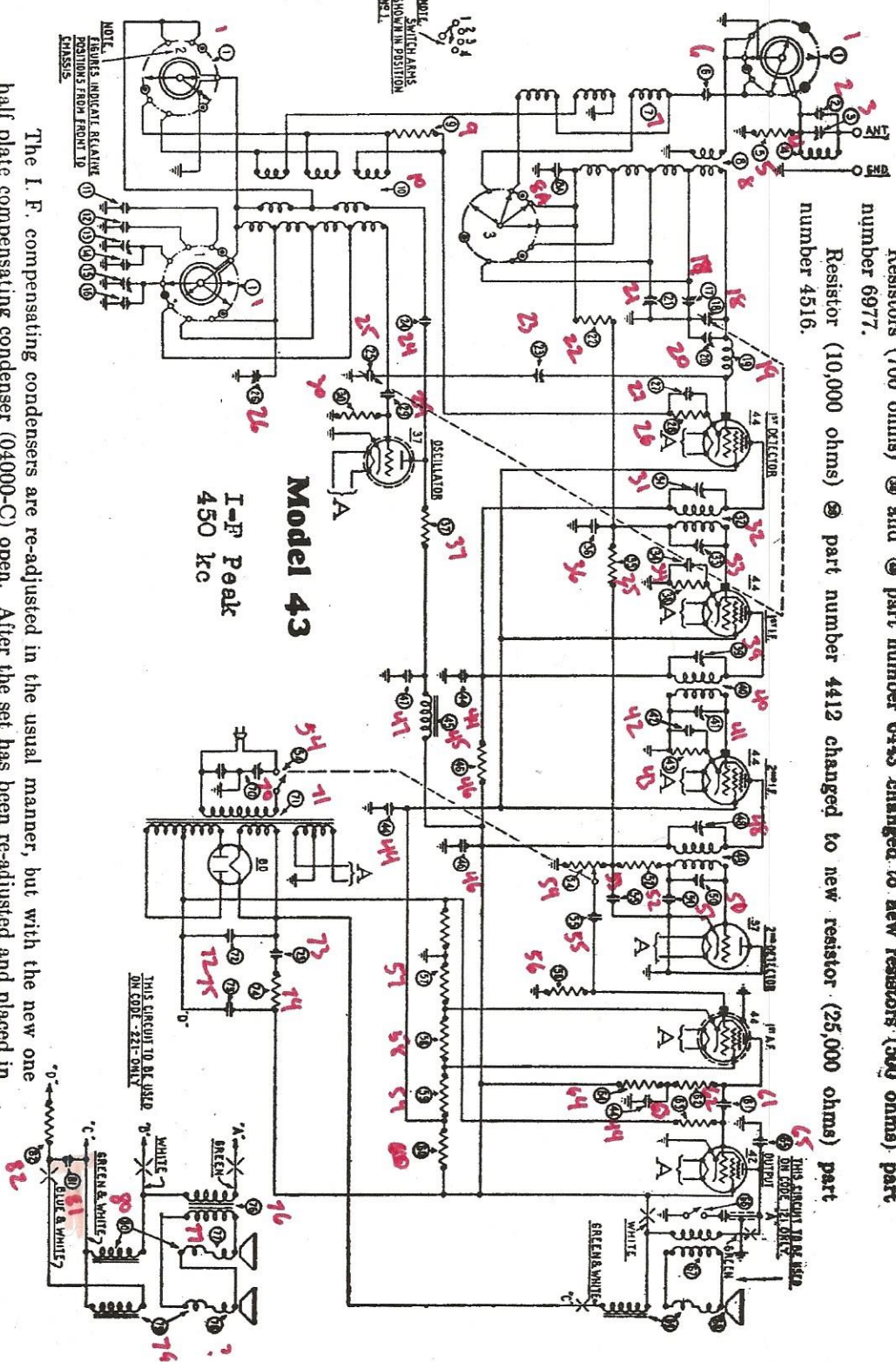
69	Output Transformer	2580
70	Voice Coil and Cone Assembly	02823
71	Speaker Field and Bucking Coil Assembled with Pot (K-7)	02761
72	Condenser (.015 mfd. Double)	3793K
73	Power Transformer—50-60 Cycles, 115 Volts, Single Speaker Models	7074
	25-40 Cycles, 115 Volts, Single Speaker Models	7075
	50-60 Cycles, 230 Volts, " " " "	7076
	50-60 Cycles, 115 Volts, Twin Speaker Models	6985
	50-60 Cycles, 230 Volts, " " " "	6986
74	Electrolytic Condenser (6 mfd.) 50-60 Cycles	4916
75	Electrolytic Condenser (8 mfd.) 25-40 Cycles	6707
76	Resistor (10,000 ohms)	4412
77	Condenser (.05 mfd.)	3615AD
78	Electrolytic Condenser (6 mfd.) 50-60 Cycles	4916
79	Electrolytic Condenser (8 mfd.) 25-40 Cycles	6706
80	Output Transformer—Twin Speaker	2564
81	Voice Coil and Cone Assembly	02823
82	Voice Coil and Cone Assembly	02823
83	Speaker Field and Bucking Coil Assembled with Pot (K-9)	02762
84	Speaker Field and Bucking Coil Assembled with Pot (K-10)	02767
85	Condenser (.5 mfd.)	05150
86	Wire Wound Resistor (5,620 ohms) Twin Speaker	6451
	Tube Shield	5387
	Knob (Large)	03063
	Knob (Medium)	03064
	Knob (Small)	03437
	Knob Spring (Large)	5262
	Knob Spring (Small)	4147
	Grid Clip	4897
	Four Prong Socket Assembly	5026
	Five Prong Socket Assembly	4956
	Six Prong Socket Assembly	6417
	Dial Complete	05418
	Bezel	6826
	Tuning Condenser Drive Cord	04834
	Spring	6508
	Chassis Mounting Screw	W-468
	Mounting Washer	W-315
	Rubber Washer	5189

WAS 06477

*Supplied in matched pair—Antenna and oscillator coils.

MODEL 43
Schematic
Changes

PHILCO RADIO & TELEVISION CORP.



Resistors (700 ohms) ② and ③ part number 6443 changed to new resistors (500 ohms) part number 6977.
 Resistor (10,000 ohms) ④ part number 4412 changed to new resistor (25,000 ohms) part number 4516.

Model 43
 I-F Peak
 450 kc

Grid inductance coil ⑩ part number 05190 changed to new type, bearing same part number, identified by black paint. The first detector tube changed from type 44 to type 36.

The I. F. compensating condensers are re-adjusted in the usual manner, but with the new one half plate compensating condenser (04000-C) open. After the set has been re-adjusted and placed in operation, oscillation in the broadcast band is corrected by increasing the capacity of the new one-half plate compensating condenser with the dial set slightly off the frequency of a strong signal at the low frequency end of the band until the oscillation disappears. The primary compensating condenser ② of the first I. F. is then readjusted by decreasing capacity.

If oscillation still persists the above adjusting procedure is repeated until the sensitivity is strong and no oscillation is present.