



## SERVICE BULLETIN No. 310A for members of RADIO MANUFACTURERS SERVICE A PHILCO Service Plan

**For Information on Alignment of Compensators and Mystery Control  
See Service Bulletin No. 310**

### Replacement Parts

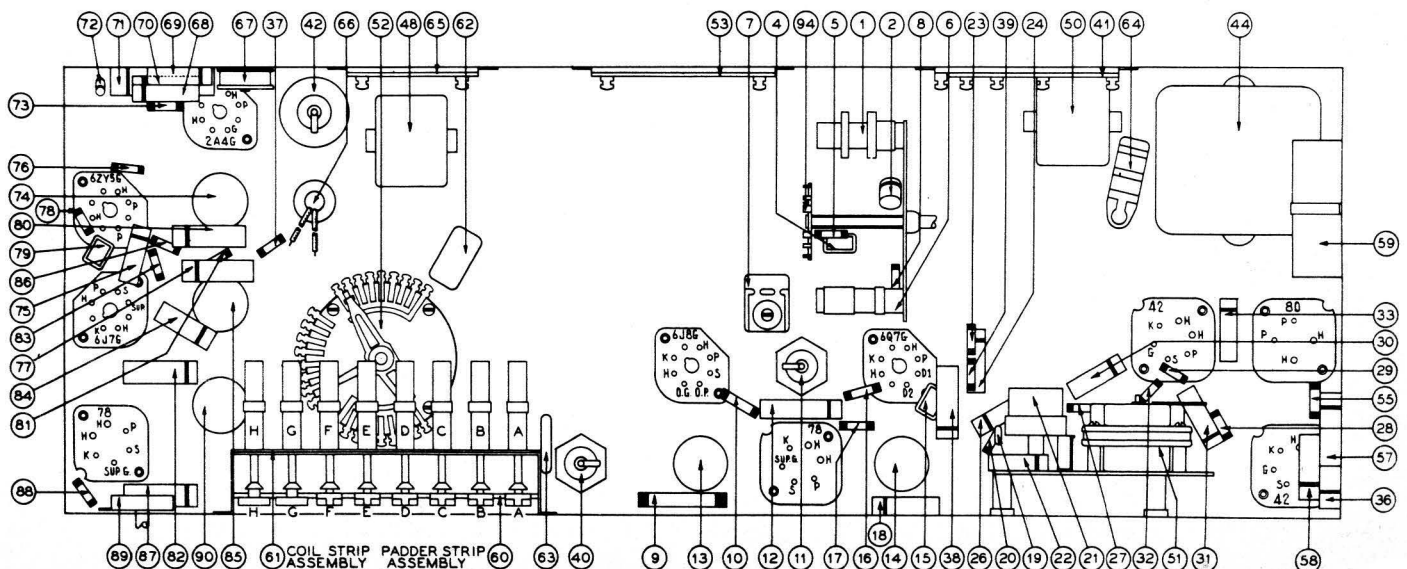
Schem. No.	Description	Part No.
1	Antenna Transformer	32-3056
2	Tubular Condenser (.05 mfd.)	30-4519
3	Tuning Condenser	31-2311
4	Mica Condenser (250 mmfd.)	30-1032
5	Resistor (32,000 ohm—½ watt)	33-332339
6	Oscillator Transformer	32-2120
7	Compensator	31-6230
8	Resistor (10,000 ohm—½ watt)	33-310339
9	Resistor (5,000 ohm—2 watt)	33-250539
10	Resistor (13,000 ohm—1 watt)	33-313339
11	Electrolytic Condenser (4 mfd.—250 V.)	30-2334
12	Tubular Condenser (.05 mfd.)	30-4123
13	1st I.F. Transformer Assembly	32-3089
14	2nd I.F. Transformer Assembly	32-2645
15	Mica Condenser (110 mmfd.)	30-1031
16	Resistor (2.0 meg.)	33-520339
17	Resistor (1.0 meg.)	33-510339
18	Tubular Condenser (.01 mfd.)	30-4479
19	Mica Condenser (50 mmfd.)	30-1029
20	Resistor (70,000 ohm)	33-370339
21	Volume Control (2 meg.)	33-5300
22	Tubular Condenser (.004 mfd.)	30-4334
23	Resistor (1 meg.)	33-510339
24	Tubular Condenser (.015 mfd.)	30-4358
25	Tone Control (3.0 meg.)	33-5287
26	Tubular Condenser (.02 mfd.)	30-4481
27	Resistor (99,000 ohm)	33-399339
28	Resistor (330,000 ohm)	33-433339
29	Resistor (490,000 ohm)	33-449339
30	Tubular Condenser (.03 mfd.)	30-4517
31	Tubular Condenser (.01 mfd.)	30-4501
32	Resistor (3500 ohm)	33-235339
33	Tubular Condenser (.01 mfd.)	30-4501
34	Output Transformer	32-7997
35	Voice Coil & Cone Assembly (Spkr. No. 36-1450)	36-4089
36	Tubular Condenser (.01 mfd.)	30-4501
37	Resistor (3,000 ohm—½ watt)	33-230339
38	Tubular Condenser (.1 mfd.)	30-4499
39	Resistor (1 meg.)	33-510339
40	Electrolytic Condenser (25 mfd.—300 V.)	30-2360
41	B.C. Resistor	33-3361
42	Electrolytic Condenser (18 mfd.—475 V.)	30-2200
43	Field Coil Replace Speaker No. 36-1450	
44	Power Trans. (115 V., 50 to 60 cycles)	32-7999
	Power Trans. (115 V., 25 to 40 cycles)	32-8013
45	Condenser (.05 mfd.) (110 V. Plug)	30-4576
46	Pilot Light Bulb (Bullseye)	34-2210
47	Pilot Light Resistor (16 ohm—1 watt)	33-016431

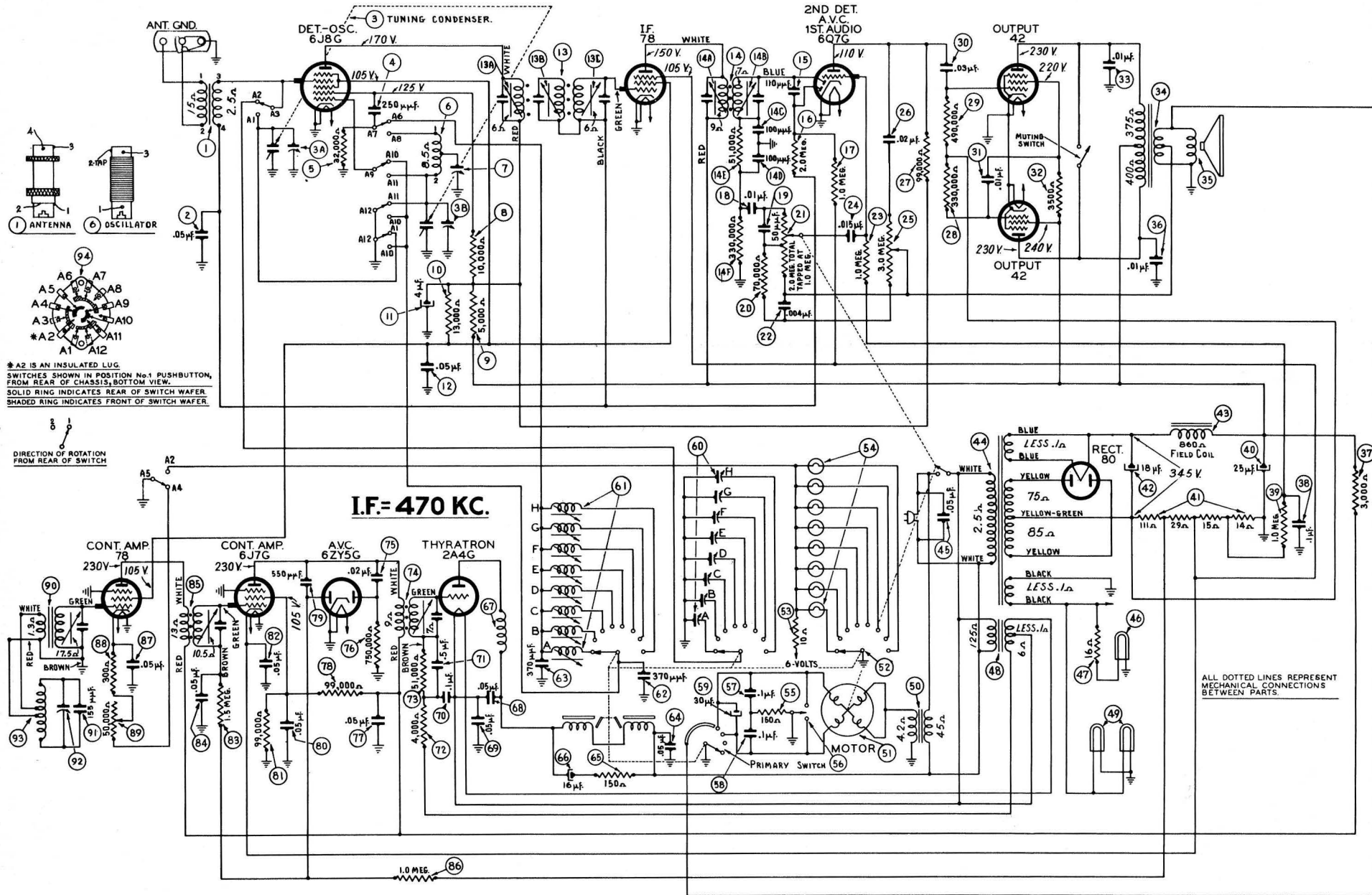
Schem. No.	Description	Part No.
48	Filament Transformer (115 V., 50 to 60 cycles)	32-7993
	Filament Trans. (115 V., 25 to 40 cycles)	32-8016
49	Pilot Lamp Bulbs (Dial)	34-2064
50	Motor Trans. (115 V., 50 to 60 cycles)	32-7990
	Motor Trans. (115 V., 25 to 40 cycles)	32-8015
51	Volume Control Motor Assembly	35-1151
52	Rotary Switch	42-1468
53	Resistor—Bias	33-3363
54	Pilot Lamps (Station Indicator)	34-2064
55	Resistor (150 ohm)	33-115339
56	Volume Control Switch (Motor Control)	42-1469
57	Tubular Condenser (.1 mfd.)	30-4499
58	Tubular Condenser (.1 mfd.)	30-4499
59	Electrolytic Condenser (30 mfd.—30 V.)	30-2361
60	Push Button Compensator Strip	31-6264
60A	Compensator No. 1 (540—1030 K.C.)	
60B	Compensator No. 2 (540—1030 K.C.)	
60C	Compensator No. 3 (670—1160 K.C.)	
60D	Compensator No. 4 (670—1160 K.C.)	
60E	Compensator No. 5 (900—1470 K.C.)	
60F	Compensator No. 6 (900—1470 K.C.)	
60G	Compensator No. 7 (1170—1600 K.C.)	
60H	Compensator No. 8 (1170—1600 K.C.)	
61	Electric Push-Button Coil Assembly	32-3091
61A	Oscillator Coil No. 1 (540—1030 K.C.)	32-3042
61B	Oscillator Coil No. 2 (540—1030 K.C.)	32-3042
61C	Oscillator Coil No. 3 (670—1160 K.C.)	32-3042
61D	Oscillator Coil No. 4 (670—1160 K.C.)	32-3042
61E	Oscillator Coil No. 5 (900—1470 K.C.)	32-3041
61F	Oscillator Coil No. 6 (900—1470 K.C.)	32-3041
61G	Oscillator Coil No. 7 (1170—1600 K.C.)	32-3041
61H	Oscillator Coil No. 8 (1170—1600 K.C.)	32-3041
62	Silver Mica Condenser (370 mmfd.)	30-1110
63	Silver Mica Condenser (370 mmfd.)	30-1110
64	Bakelite Condenser (.05 mfd.)	3615-SG
65	Resistor (150 ohm—wirewound)	33-3362
66	Electrolytic Condenser (16 mfd.—200 V.)	30-2356

Schem. No.	Description	Part No.
67	Choke Coil	32-1281
68	Tubular Condenser (.05 mfd.)	30-4123
69	Tubular Condenser (.05 mfd.)	30-4123
70	Tubular Condenser (.1 mfd.)	30-4499
71	Tubular Condenser (.5 mfd.)	30-4551
72	Resistor (4,000 ohm—½ watt)	33-240339
73	Resistor (51,000 ohm—½ watt)	33-351339
74	No. 3 Control Amp. Coil	32-3088
75	Tubular Condenser (.02 mfd.)	30-4516
76	Resistor (750,000 ohm)	33-475339
77	Tubular Condenser (.05 mfd.)	30-4123
78	Resistor (99,000 ohm)	33-399339
79	Mica Condenser (550 mmfd.)	30-1092
80	Tubular Condenser (.05 mfd.)	30-4123
81	Resistor (99,000 ohm)	33-399339
82	Tubular Condenser (.05 mfd.)	30-4444
83	Resistor (1.5 meg.—½ watt)	33-515339
84	Tubular Condenser (.05 mfd.)	30-4519
85	No. 2 Control Amp. Coil	32-3087
86	Resistor (1.0 meg.—½ watt)	33-510339
87	Tubular Condenser (.05 mfd.)	30-4444
88	Resistor (300 ohm)	33-130339
89	Sensitivity Control (50,000 ohm)	33-5295
90	No. 1 Control Amp. Coil	32-3086
91	Silver Mica Condenser (155 mmfd.)	30-1121
92	Air Padder (Secondary Inductor)	31-6268
93	Secondary Inductor Cabinet	40-6414
94	Range Switch	42-1454

### Miscellaneous Parts

Bezel Assembly (Cabinet)	38-9746
Bezel Screws	W-1835
Cable (Tuning Drum)	31-2315
Cable (Pointer)	31-2320
Dial	27-5422
Dial Pointer	56-1033
Disc (Tuning)	27-4766
Disc (Volume)	27-4765
Disc (Range Switch)	27-4767
Disc (Tone Control)	27-4764
Pilot Lamp Assembly	38-9694
Pilot Lamp Assembly	38-9711
Pilot Lamp Assembly	38-9712
Socket (4 Prong)	27-6044
Socket (5 Prong)	27-6035
Socket (6 Prong)	27-6036
Socket (6 Prong)	27-6057
Socket (6 Prong)	27-6086
Socket (7 Prong)	27-6099
Speaker	36-1450
Spring (Tuning Cables)	28-8913
Washer (Keyed Washer Tuning Disc)	56-1029
Washer (Spring Washer Tuning Disc)	6717





Model 3955 Schematic Diagram and Socket Voltages

Voltages measured from Socket Contacts to Chassis; Line Voltage, 115 V.A.C.; Volume Control, Minimum; Range Selector (Broadcast).