

SERVICE BULLETIN

No. 263

Speakers: KR-17 "B" Cabinet: HR-12, "X" Cabinet.

4. Turn the signal generator and receiver dials to 1500 K.C. and adjust compensators (20) R.F. and (6) Ant. for maximum output.

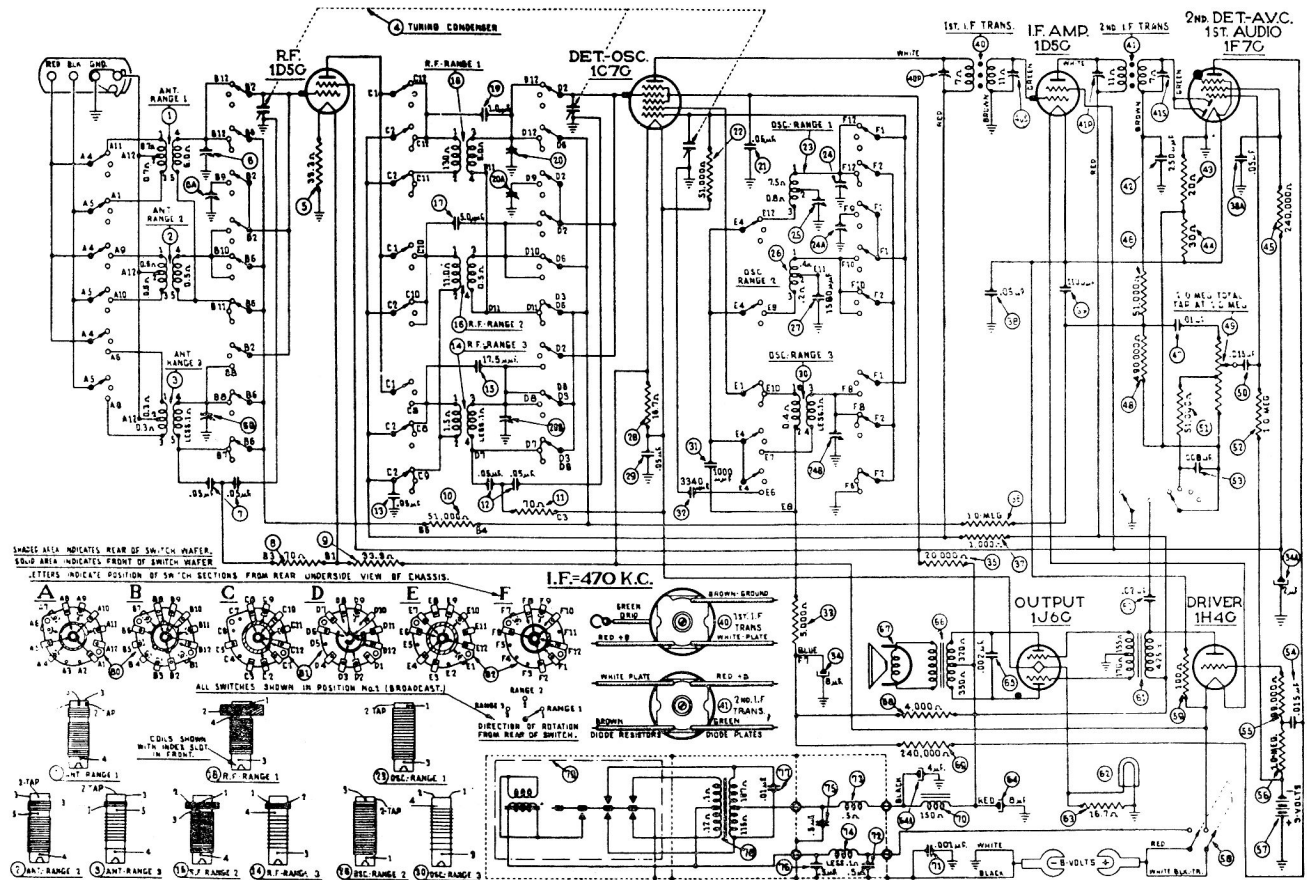


Fig. 5—Schematic Diagram

Replacement Parts—Model 37-3624

Schem. No.	Description	Part No.	Schem. No.	Description	Part No.	Schem. No.	Description	Part No.
1	Antenna Trans. (530-1720 K.C.)	32-2108	41	2nd I.F. Transformer	32-2102		Clamp	28-2837
2	Antenna Trans. (2.3 to 7.4 M.C.)	32-2119	42	Condenser (250 mmfd. mica)	30-1032		Set Screw	W-1641
3	Antenna Trans. (7.35 to 22 M.C.)	32-2109	43	Resistor (20 ohms flexible)	33-3043		Knob Tuning	27-4330
4	Tuning Condenser	31-1818	44	Resistor (30 ohms flexible)	33-3119		Knob Tuning Vernier	27-4331
5	Resistor (33.3 ohm flexible)	33-3233	45	Resistor (240000 ohms, 1/2 watt)	33-424339		Vernier Drive Assembly	31-1871
6	Compensator (three sections)	31-6092	46	Resistor (51000 ohms, 1/2 watt)	33-351339		Knob Range Switch	27-4326
7	Condenser (.05 mfd. dual tubular)	30-4394	47	Condenser (.01 mfd. tubular)	30-4124		Knob Tone and Volume	27-4332
8	Resistor (70 ohms, 1/2 watt)	33-070339	48	Resistor (490000 ohms, 1/2 watt)	33-490339		Mask	27-5198
9	Resistor (33.3 flexible)	33-3233	49	Volume Control	33-5166		Mask Arm and Link Assembly	31-1940
10	Resistor (51000 ohms, 1/2 watt)	33-351339	50	Condenser (.015 mfd. tubular)	30-4358		Shaft Coupling and Set Screw	31-1941
11	Resistor (70 ohms, 1/2 watt)	33-070339	51	Resistor (51000 ohms, 1/2 watt)	33-351339		Felt Washer	27-8399
12	Condenser (.05 mfd. dual tubular)	30-4394	52	Resistor (1.0 megohms, 1/2 watt)	33-510339		Snap Fastener	28-4279
13	Condenser (.05 mfd. tubular)	30-4123	53	Condenser (.008 mfd. tubular)	30-4112		Mask Guide and Lamp Support	38-7844
14	R.F. Trans. (7.35 to 22 M.C.)	32-2126	54	Cond. (.015 mfd. single bakelite)	3793-SU		Indicator Bracket Assembly	38-7912
15	Condenser (17.5 mmfd. mica)	30-1079	55	Resistor (99000 ohms, 1/2 watt)	33-399339		Volume Control Shaft	38-8059
16	R.F. Trans. (2.3 to 7.4 M.C.)	32-2106	56	Resistor (1.0 megohms, 1/2 watt)	33-510344		Retaining Clip	28-4394
17	Condenser (.5 mfd. mica)	30-1077	57	Bias Cell	41-8009		Shaft Spring	28-4117
18	R.F. Trans. (530 to 1720 K.C.)	32-2105	58	Power Switch and Tone Control	42-1242		Socket 7 Prong	27-6057
19	Condenser (1. mmfd. wire and lug twisted)	38-7878	59	Resistor (100 ohms flexible)	33-3187		Socket 8 Prong	27-6058
20	Compensator (three sections)	31-6121	60	Condenser (.02 mfd. tubular)	30-4113		Tube Shield	28-2726
21	Condenser (.05 mfd. tubular)	30-4020	61	Audio Transformer	32-7637		Base	28-3898
22	Resistor (51000 ohms, 1/2 watt)	33-351339	62	Pilot Lamp	34-2150		Bias Cell Panel Assembly	38-7275
23	Oscillator Trans. (530 to 1720)	32-2120	63	Resistor (16.7 ohms flexible)	33-3298		Battery Cable	41-3204
24	Compensator (three sections)	31-6092	64	Electrolytic Cond. (4, 8 mfd.)	30-2160		Speaker Cable	41-3207
25	Compen. (Osc. Broadcast series)	31-6056	65	Condenser (.002 mfd. tubular)	30-4177		Mtg. Grommet (R.F. Unit)	27-4317
26	Oscillator Transformer (2.3 to 7.4 M.C.)	32-2121	66	Output Trans. KR-17, HR-12	32-7639		Mtg. Sleeve (R.F. Unit)	28-2257
27	Condenser (1580 mmfd.)	31-6138	67	Cone Voice Coil KR-17	36-3540		Mtg. Screw (R.F. Unit)	W-729
28	Resistor (16.7 ohm flexible)	33-3298		Cone Voice Coil HR-12	36-3557		Mtg. Washer (R.F. Unit)	27-7807
29	Condenser (.05 mfd. tubular)	30-4020	68	Resistor (4000 ohms, 1/2 watt)	33-240339		Mtg. Rubber (Tuning Cond.)	27-4325
30	Oscillator Transformer (7.35 to 22 M.C.)	32-2110	69	Resistor (240000 ohms, 1/2 watt)	33-424339		Mtg. Plate (R.F. Trans.)	28-3808
31	Condenser (1000 mmfd. tubular)	30-4453	70	Filter Choke	32-7543		Mtg. Spacer (R.F. Trans.)	27-8228
32	Cond. (3340 mmfd. semi-fixed)	31-6137	71	Condenser (.001 mfd. tubular)	30-4201		Mtg. Screw (R.F. Trans.)	W-1635
33	Resistor (5000 ohms, 1/2 watt)	33-250339	72	Condenser (.5 mfd. metal case)	30-4296		Mtg. Bushing (Chassis)	27-4360
34	Electrolytic Cond. (Blue 8 mfd., Plain 2 mfd.)	30-2171	73	B Choke	32-1932		Mtg. Washer Rubber (Chassis)	5139
35	Resistor (20000 ohms, 1/2 watt)	33-320339	74	A Choke	32-1954			
36	Resistor (1.0 megohm, 1/2 watt)	33-510339	75	Condenser (.5 mfd. metal case)	30-4296			
37	Resistor (1000 ohms, 1/2 watt)	33-210339	76	Condenser (.5 mfd. metal case)	30-4296			
38	Cond. (.05 mfd. dual bakelite)	4989-DG	77	Condenser (.01 mfd. tubular)	30-4381			
39	Condenser (110 mmfd. mica)	30-1031	78	Power Transformer	32-7682			
40	1st I.F. Transformer	32-2100	79	Vibrator	41-3222			
			80	Range Switch (Ant.)	42-1243			
			81	Range Switch (R.F.)	42-1244			
			82	Range Switch (Osc.)	42-1246			
				Switch Index Plate and Shaft	42-1173			
				Pilot Lamp Assembly	38-7875			
				Dial	27-5214			
				Hub	28-7187			

Figures in black type indicate circled figures in Base View.

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