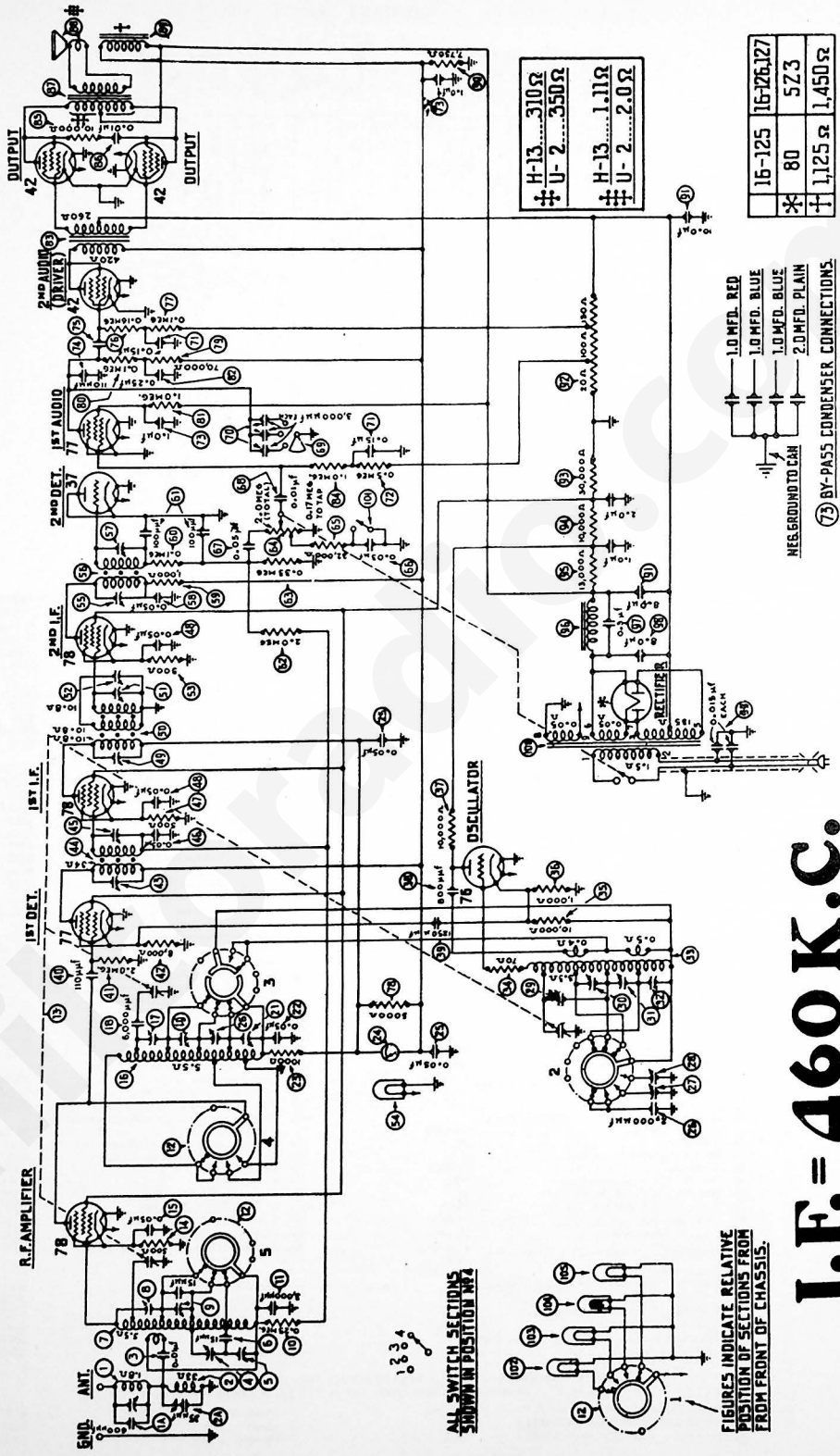


**MODEL 16**  
(Codes 125, 126, 127)

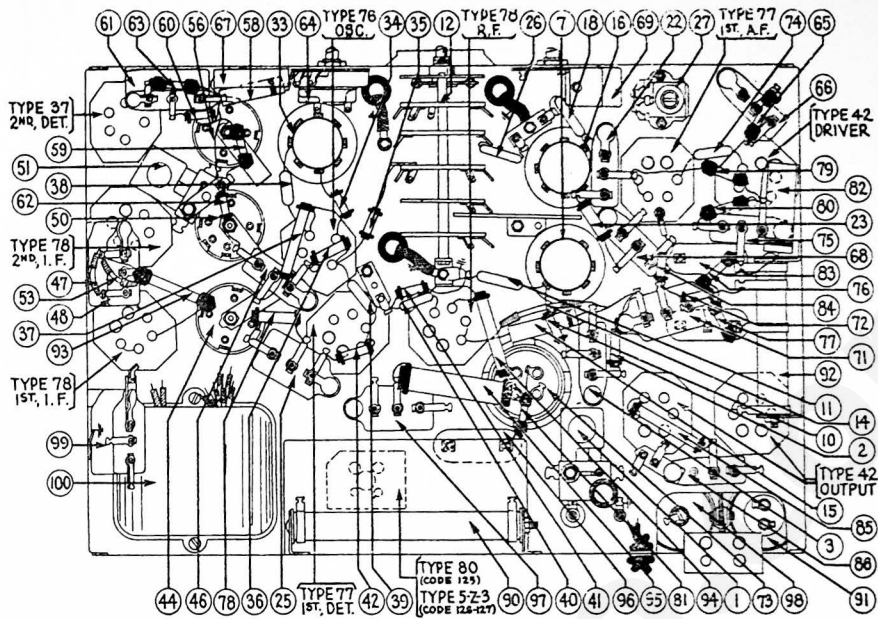


ALL SWITCH SECTIONS SHOWN IN POSITION NPT

123  
124

FIGURES INDICATE RELATIVE POSITION OF SECTIONS FROM FRONT OF CHASSIS.

**I.F. = 460 K.C.**



## REPLACEMENT PARTS—MODEL 16—CODES 125 AND 126

Nos. on Diagram	Description	Part No.	Nos. on Diagram	Description	Part No.
1	Wave Trap.....	38-6049	56	Condenser (.03 Mfd. Bakelite Block).....	5318 F
2	Condenser (.0006 Mfd. Mica).....	30-1049	57	Condenser (.05 Mfd. Tubular).....	30-020
3	Antenna Choke Assembly.....	32-1514	58	Condenser (.01 Mfd. Bakelite Block).....	3903 G
4	Condenser (.00035 Mfd. Mica).....	30-1044	59	Tone Control.....	30-434
5	Condenser (.01 Mfd. Bakelite Block).....	3900 N	60	Condensers (Irradiated).....	Part of ④
6	Compensating Condenser (Ant. Band 2).....	Part of 31-6026	61	Condenser (.15 Mfd. Bakelite Block).....	6287 J
7	Compensating Condenser (Ant. Band 1).....	Part of 31-6026	62	Resistor (.5 Meg.) (Yellow-White-Yellow).....	4517
8	Condenser (.00015 Mfd. Mica).....	30-1030	63	Condenser (Electrolytic—1, 1, 1.2 Mfd.).....	30-2078
9	Ant. Transformer.....	32-1467	64	Condenser (.00011 Mfd. Mica).....	30-1031
10	Compensating Condenser (Ant. Band 4).....	Part of 31-6026	65	Condenser (.05 Mfd. Bakelite Block).....	3615 AD
11	Compensating Condenser (Ant. Band 3).....	Part of 31-6026	66	Resistor (100,000 ohms) (Brown-Blue-Yellow).....	5331
12	Condenser (.00015 Mfd. Mica).....	30-1030	67	Resistor (.1 Meg.) (White-White-Orange).....	4411
13	Resistor (.25 Meg.) (Red-White-Yellow).....	4410	68	Resistor (5000 ohms) (Green-Black-Red).....	5310
14	Condenser (.93 Mfd. Mica).....	32-1467	69	Resistor (7000 ohms) (White-Black-Orange).....	5355
15	Wave Band Switch.....	42-1079	70	Resistor (.1 Meg.) (White-White-Orange).....	4411
16	Tuning Condenser Assembly.....	31-1350	71	Resistor (.1 Meg.) (Brown-Black-Green).....	4409
17	Resistor (500 ohms Flexible Wirewound).....	6977	72	Condenser (.25 Mfd. Tubular).....	30-4146
18	Condenser (.05 Mfd. Tubular).....	30-1020	73	Audio Transformer.....	32-7057
19	I.F. Transformer.....	32-1468	74	Resistor (.1 Meg.) (Brown-Black-Green).....	33-1696
20	Compensating Condenser (R.F., Band 4).....	Part of 31-6026	75	Resistor (10000 ohms).....	3524
21	Condenser (.005 Mfd. Mica).....	30-1043	76	Condenser (.01 Mfd. Bakelite Block).....	3903 F
22	Compensating Condenser (R.F., Band 3).....	Part of 31-6026	77	Output Transformer.....	(U-2)
23	Compensating Condenser (R.F., Band 2).....	Part of 31-6026	78	(H-13).....	32-7032
24	Compensating Condenser (R.F., Band 1).....	Part of 31-6026	79	Voice Coil and Cone Assembly.....	(U-2)
25	Condenser (.05 Mfd. Bakelite Block).....	3615 BL	80	(H-13).....	26-2025
26	Resistor (1000 ohms) (Brown-Black-Red).....	5337	81	Field Coil and Pot Assembly.....	(U-2)
27	Shadowmeter.....	45-2028	82	(H-13).....	36-3088
28	Condenser (.05 Mfd. Twin Bakelite Block).....	3615 BS	83	Resistor (B.C. Wirewound 750 ohms).....	36-5104
29	Condenser (.002 Mfd. Mica).....	30-1042	84	Condenser (Electrolytic—8 & 10 Mfd.).....	(30-2045) (code 125)
30	Compensating Condenser (Cyc. I.F., Range 2).....	31-6027	85	Condenser (Electrolytic—20 ohms, 100 ohms, 150 ohms).....	(30-2046) (code 126)
31	Compensating Condenser (Cyc. H.F., Range 4).....	31-6026	86	Resistor (30000 ohms) (Orange-Black-Orange).....	7836
32	Compensating Condenser (Cyc. H.F., Range 3).....	31-6026	87	Resistor (10000 ohms) (Brown-Black-Orange).....	3524
33	Compensating Condenser (Cyc. H.F., Range 2).....	31-6026	88	Resistor (13000 ohms) (Brown-Orange-Orange) (3-watt).....	7456
34	Compensating Condenser (Cyc. H.F., Range 1).....	31-6026	89	Filter Choke.....	32-7050
35	Oscillator Transformer.....	32-1469	90	Condenser (3 Mfd. Bakelite Block).....	6287 F
36	Resistor (70 ohms) (Violet-Black-Black).....	32-1129	91	Condenser (Electrolytic—8 Mfd.).....	(30-2023* (code 125)
37	Resistor (10000 ohms) (Brown-Black-Orange).....	33-1000	92	Condenser (Electrolytic—8 Mfd.).....	(30-2011) (code 126)
38	Resistor (1000 ohms) (Brown-Black-Red).....	5337	93	Condenser (.015 Mfd. Twin).....	3793 E
39	Resistor (10000 ohms) (Brown-Black-Orange).....	3524	94	Power Transformer 60 Cycle 115 Volts (code 125).....	39-7291
40	Condenser (.0008 Mfd. Mica).....	5378	95	Power Transformer 25 Cycle 115 Volts (code 125).....	39-7292
41	Condenser (.00125 Mfd. Mica).....	5386	96	Power Transformer 60 Cycle 115 Volts (code 126).....	33-7283
42	Condenser (.00011 Mfd. Mica).....	4519	97	Power Transformer 25 Cycle 115 Volts (code 126).....	32-7284
43	Resistor (2 Meg.) (Red-Black-Green).....	33-1025	98	Base Compensation Switch (Toggle Type).....	7253
44	Resistor (8000 ohms) (Gray-Black-Red).....	33-4157	99	Pilot Lamp (Dial Section).....	34-2031
45	Compensating Condenser (1st I.F. Pri.).....	31-6003	100	Pilot Lamp (Dial Section).....	34-2031
46	1st I.F. Transformer.....	32-1188	101	Pilot Lamp (Dial Section).....	34-2031
47	Compensating Condenser (1st I.F. Sec.).....	Part of ④	102	Pilot Lamp (Dial Section).....	34-2031
48	Condenser (.05 Mfd. Bakelite Block).....	3615 AA	103	Tube Socket (4 Prong).....	7544
49	Resistor (500 ohms Flexible Wirewound).....	6977	104	Tube Socket (5 Prong).....	57-4013
50	Condenser (.08 Mfd. Twin Bakelite Block).....	3615 AJ	105	Tube Socket (6 Prong).....	7547
51	Compensating Condenser (2nd I.F. Pri.).....	Part of 31-6026	106	Speaker Socket.....	7828
52	2nd I.F. Transformer.....	32-1470	107	Tube Shield (Short Type).....	28-1107
53	Compensating Condenser (2nd I.F. Tertiary).....	04000R	108	Tube Shield (Tall Type).....	28-1820
54	Compensating Condenser (2nd I.F. Sec.).....	Part of ④	109	Dial Assembly.....	31-1653
55	Resistor (500 ohms Flexible Wirewound).....	6977	110	Dial Scale.....	27-5064
56	Pilot Lamp for Shadowmeter.....	Part of ④	111	Chassis Mounting Screw (code 125).....	W 1358A
57	Compensating Condenser (3rd I.F. Pri.).....	31-6003	112	Chassis Mounting Screw (code 126).....	W 1346
58	3rd I.F. Transformer.....	32-1188	113	Chassis Mounting Foot.....	37-497
59	Compensating Condenser (3rd I.F. Sec.).....	Part of ④	114	Chassis Mounting Foot Plate.....	29-2089
60	Condenser (.05 Mfd. Tubular).....	30-1033	115	Chassis Mounting Washer.....	29-2089
61	Resistor (1000 ohms) (Brown-Black-Red).....	5337	116	Knob (Waveband Switch, code 126).....	27-4051
62	Resistor (.1 Meg.) (White-White-Orange).....	6099	117	Knob (Volume Control and Tone Control).....	27-4052
63	Condenser (.0001 Mfd. Twin Bakelite Block).....	8035 B	118	Knob (Station Selector).....	27-4140
64	Resistor (2 Meg.) (Red-Black-Green).....	33-1025	119	Knob (Fine Tuning Control).....	27-4140
65	Resistor (33000 ohms) (Orange-Orange-Yellow).....	6046	120	Base Compensation Switch Plate.....	28-2418
66	Volume Control (350000 ohms total) & On-Off Switch.....	5379			
67	Resistor (32000 ohms) (Orange-Red-Orange).....	5379			

\*After Run No. 8: 30-2025.