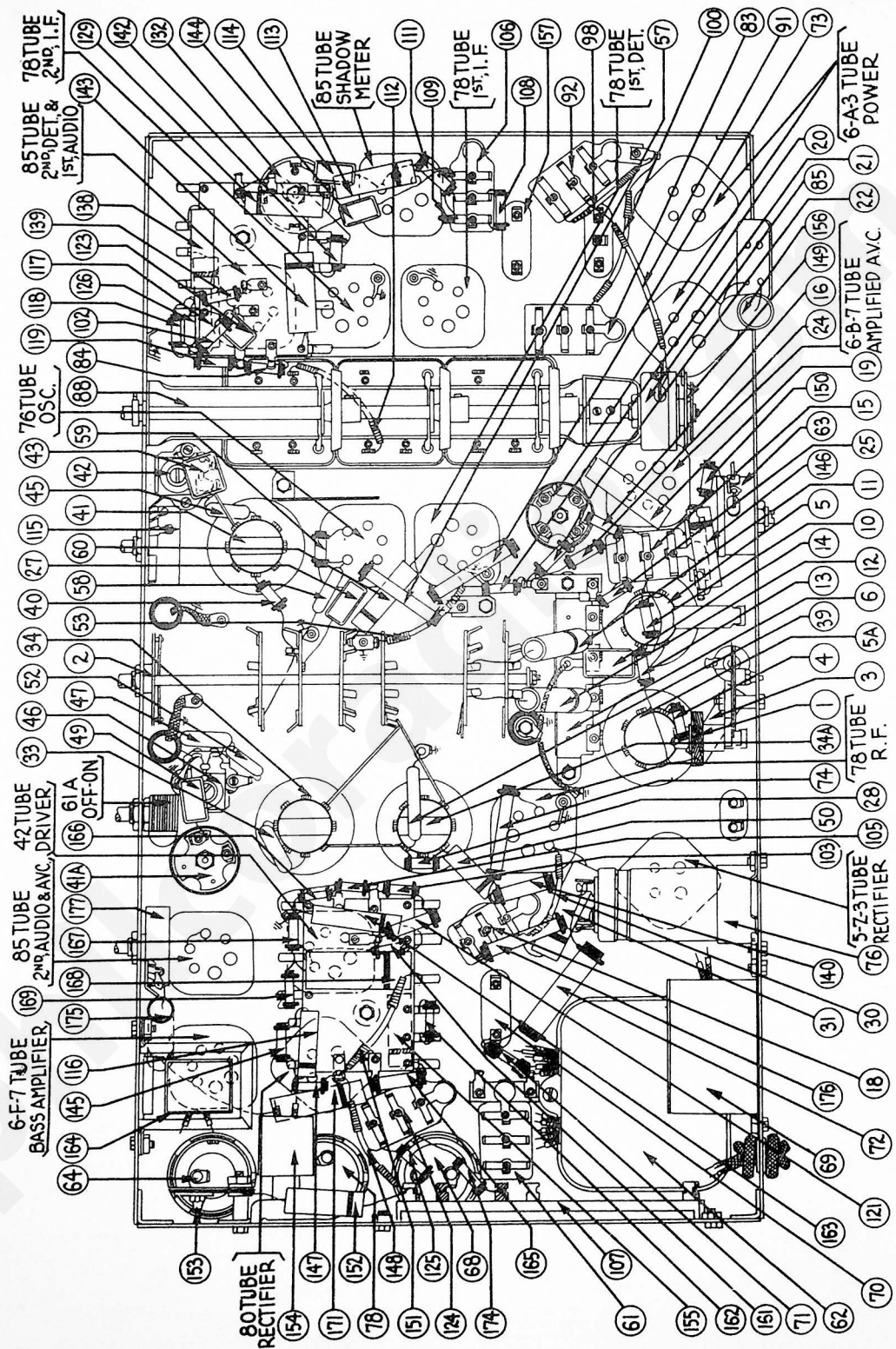
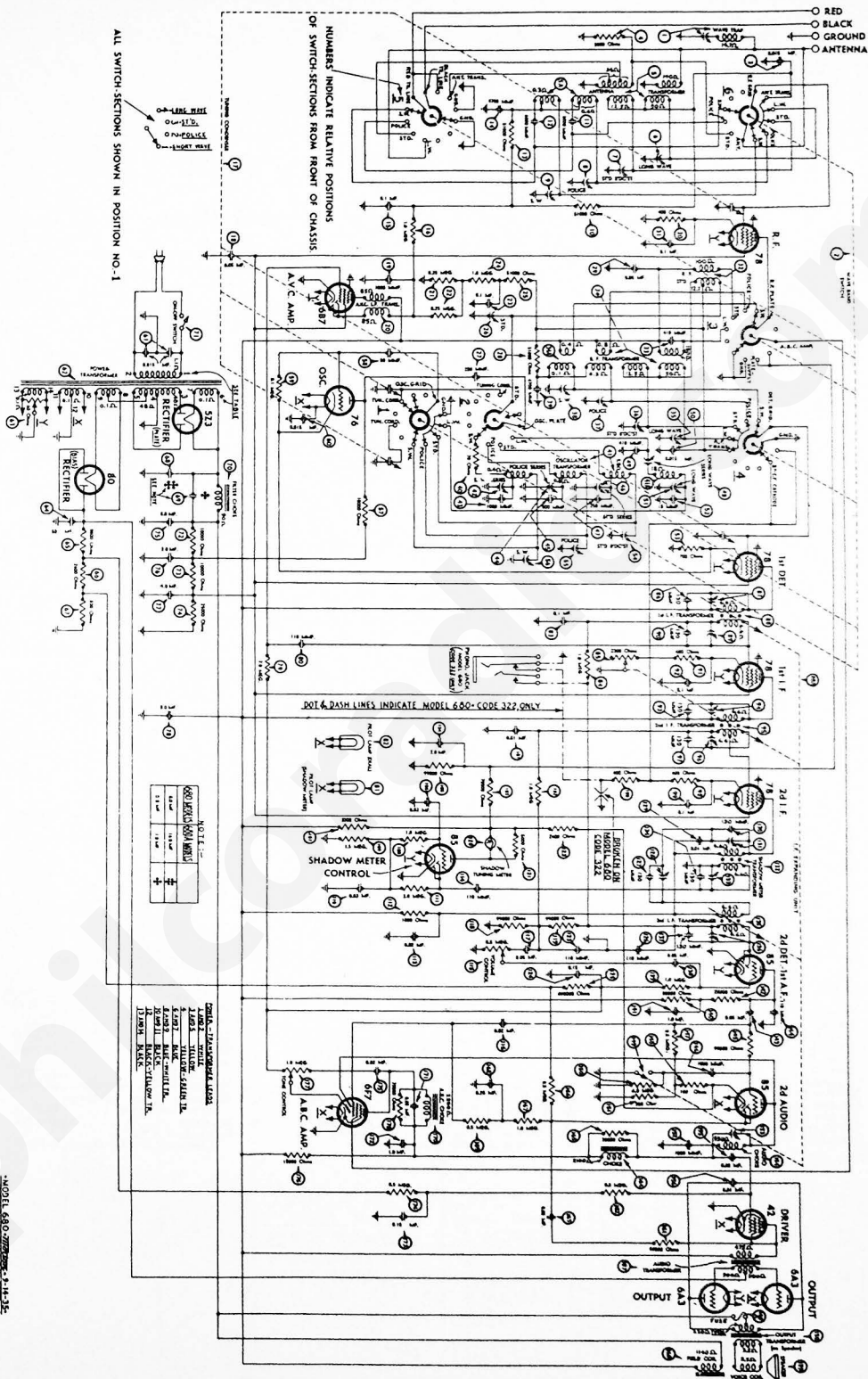


MODEL 680



MODEL 680



- RED
- BLACK
- GROUND
- ANTENNA

NUMBERS INDICATE RELATIVE POSITIONS OF SWITCH SECTIONS FROM FRONT OF CHASSIS

ALL SWITCH SECTIONS SHOWN IN POSITION NO. 1

DO NOT DASH LINES INDICATE MODEL 680-CODE 322 ONLY

NOTE:—

680 DETECTOR MODEL	680 AF MODEL
1111	1111
1112	1112
1113	1113
1114	1114
1115	1115
1116	1116
1117	1117
1118	1118
1119	1119
1120	1120
1121	1121
1122	1122
1123	1123
1124	1124
1125	1125
1126	1126
1127	1127
1128	1128
1129	1129
1130	1130
1131	1131
1132	1132
1133	1133
1134	1134
1135	1135
1136	1136
1137	1137
1138	1138
1139	1139
1140	1140
1141	1141
1142	1142
1143	1143
1144	1144
1145	1145
1146	1146
1147	1147
1148	1148
1149	1149
1150	1150

NOTE:—

680 DETECTOR MODEL

1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150

680 AF MODEL

1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150

I. F.—460 K. C.

MODEL 680-2725-28-21-1-32

Replacement Parts for Model 680

Schematic No.	Part and Description	Part No.
①	Wave Trap	38-6850
①	Wave Band Switch	42-1127
①	Condenser (0.015 mf.)	39-4358
①	Resistor (5,000 ohms)	6096
②	Antenna Transformer	
②	(Bdct. 3 and 4)	32-1811
③a	Antenna Transformer	
③a	(Bdct. 1 and 2)	32-1812
④	Padder (Antenna Band 4)	
④	Padder (Antenna Band 3)	
④	Padder (Antenna Band 2)	31-6047
④	Padder (Antenna Band 1)	
④	Resistor (51,000 ohms)	6098
④	Condenser (6,000 mmf.)	30-4125
④	Condenser (6,000 mmf.)	30-4125
④	Resistor (51,000 ohms)	6098
④	Condenser (4,700 mmf.)	30-1052
④	Condenser (0.1 mf.)	4989-ODG
④	Resistor (1.0 meg.)	33-1096
④	Condenser Gang	31-1619
④	Condenser (0.05 mf.)	3615-ODG
④	Condenser (1,000 mmf.)	30-4201
④	I.F. Transformer (AVC)	32-1837
④	Resistor (0.25 meg.)	6097
④	Resistor (0.25 meg.)	6097
④	Condenser (0.1 mf.)	Part of ④
④	Resistor (1.0 meg.)	33-1096
④	Resistor (51,000 ohms)	6098
④	Padder (R.F. Std.)	Part of ④a
④	Condenser (250 mmf.)	30-1032
④	Resistor (51,000 ohms)	6098
④	Condenser (0.05 mf.)	Part of ④
④	Resistor (400 ohms)	33-3016
④	Condenser (0.1 mf.)	30-4122
④	Transformer	Part of ④a
④	Condenser (410 mmf.)	30-1000
④	Detector Transformer	
④	(Bdct. 4 and 2)	32-1813
④a	Detector Transformer	
④a	(Bdct. 1 and 3)	32-1814
⑤	Padder (Det. Weather)	
⑤	Padder (Det. Tertiary)	31-6058
⑤	Padder (Det. Police)	
⑤	Padder (Part of ⑤a)	61-6059
⑤	Condenser (4,700 mmf.)	30-1052
⑤	Resistor (70 ohms)	33-1129
⑤	Oscillator Transformer	
⑤	(Bdct. 1, 2 and 3)	32-1815
⑤a	Oscillator Transformer	
⑤a	(Bdct. 1)	32-1816
⑥	Padder (S.W. Series)	31-6027
⑥	Condenser (1,000 mmf.)	30-1063
⑥	Padder (Police Series)	Part of ⑥
⑥	Condenser (900 mmf.)	30-1060
⑥	Padder (Standard)	31-6033
⑥	Condenser (250 mmf.)	30-1032
⑥	Padder (Weather Srs.)	Part of ⑥
⑥	Condenser (410 mmf.)	30-1000
⑥	Condenser (0.015 mf.)	30-4358
⑥	Padder (Osc. Police)	
⑥	Padder (Osc. Weather)	Part of ⑥
⑥	Condenser (15 mmf.)	30-1030
⑥	Resistor (700 ohms)	33-3124
⑥	Padder (Osc. Standard)	
⑥	Padder (Osc. Police)	31-6057
⑥	Padder (Osc. Short Wave)	
⑥	Resistor (10,000 ohms)	3524
⑥	Condenser (50 mmf.)	4587
⑥	Resistor (100,000 ohms)	6099
⑥	Condenser (0.015 mf.)	30-4358
⑥	Condenser (0.015-0.015 mf.)	3793-ODG
⑥	Power Transformer	32-7455
⑥	Potentiometer (Hum Act.)	33-5111
⑥	Condenser (50.0 mf.)	30-2128X
⑥	Resistor (9,800 ohms)	
⑥	Resistor (2,600 ohms)	33-3216
⑥	Resistor (800 ohms)	
⑥	Condenser (8.0 mf.) double	30-2028M
⑥	Condenser (0.6 mf.)	30-4384

Schematic No.	Part and Description	Part No.
⑦	Choke (Filter)	32-7056
⑦	Off-On Switch	42-1129
⑦	Resistor (10,000 ohms)	33-1024
⑦	Resistor (10,000 ohms)	3524
⑦	Resistor (25,000 ohms)	3656
⑦	Condenser (8.0 mf.)	Part of ⑦
⑦	Condenser (2.0, 2.0, 1.0, 1.0 mf.)	30-2130
⑦	Condenser (4.0 mf.)	30-2129
⑦	Condenser (8.0 mf.)	Part of ⑦
⑦	Resistor (2.0 meg.)	33-1025
⑦	Condenser (110 mmf.)	30-1031
⑦	Pilot Lamp (Shadowmeter)	6608
⑦	Pilot Lamp (Dial Scale)	34-2039
⑦	Condenser (0.1 mf.)	4989-ODG
⑦	Resistor (1.0 meg.)	33-1096
⑦	Potentiometer (2300 ohms)	33-5124
⑦	Condenser (130 mmf.)	30-1036
⑦	Padder (Primary)	31-6055
⑦	1st I.F. Transformer	
⑦	Part of I.F. Unit ⑧a	
⑧a	I.F. Expander Unit	38-7013
⑧	Padder (Secondary)	Part of ⑧
⑧	Condenser (130 mmf.)	30-1036
⑧	Resistor (400 ohms)	33-3016
⑧	Condenser (0.1 mf.)	4989-ODG
⑧	Condenser (130 mmf.)	30-1036
⑧	Padder (Primary)	31-6055
⑧	2nd I.F. Transformer	
⑧	Part of I.F. Unit ⑧a	
⑧	Padder (Secondary)	Part of ⑧
⑧	Condenser (130 mmf.)	30-1036
⑧	Resistor (400 ohms)	33-3016
⑧	Condenser (0.1 mf.)	Part of ⑧
⑧	Resistor (1.0 meg.)	33-1096
⑧	Resistor (70,000 ohms)	33-1115
⑧	Condenser (2.0 mf.)	Part of ⑧
⑧	Resistor (99,000 ohms)	6099
⑧	Condenser (0.03 mf.)	8318-OSG
⑧	Resistor (3,200 ohms)	33-3215
⑧	Resistor (1.0 meg.)	33-1096
⑧	Resistor (1.5 meg.)	33-1188
⑧	Condenser (0.03 mf.)	Part of ⑧
⑧	Resistor (2.0 meg.)	33-1025
⑧	Resistor (1,000 ohms)	33-3017
⑧	Condenser (0.02 mf.)	30-4113
⑧	Condenser (110 mmf.)	30-1031
⑧	Potentiometer (Volume 0.5 meg.)	33-5117
⑧	Condenser (0.02 mf.)	30-4215S
⑧	Condenser (0.05 mf.)	30-4020P
⑧	Resistor (99,000 ohms)	6099
⑧	Resistor (99,000 ohms)	6099
⑧	Shadow Meter	45-2088
⑧	Resistor (6,000 ohms)	7352
⑧	Resistor (2,400 ohms)	Part of ⑧
⑧	Condenser (110 mmf.)	30-1031
⑧	Condenser (0.15 mf.)	6287-ODG
⑧	Resistor (490,000 ohms)	6097
⑧	Condenser (110 mmf.)	30-1031
⑧	Condenser (130 mmf.)	30-1036
⑧	Padder (Primary)	31-6055
⑧	Condenser (0.01 mf.)	30-4124P
⑧	Condenser (130 mmf.)	30-1036
⑧	Padder (Primary)	31-6055
⑧	I.F. Transformer	
⑧	(Shadow Meter)	32-1838
⑧	Padder (Secondary)	Part of ⑧
⑧	Condenser (130 mmf.)	30-1036
⑧	Condenser (130 mmf.)	30-1036
⑧	3d I.F. Transformer	
⑧	Part of I.F. Unit ⑧a	
⑧	Padder (Secondary)	Part of ⑧
⑧	Condenser (130 mmf.)	30-1036
⑧	Condenser (0.05 mf.)	38-4020M
⑧	Resistor (1.0 meg.)	33-1096
⑧	Resistor (50,000 ohms)	4518

Schematic No.	Part and Description	Part No.
⑨	Condenser (1.0 mf.)	Part of ⑨
⑨	Resistor (25,000 ohms)	33-1013
⑨	Condenser (0.05 mf.)	30-4020M
⑨	Condenser (110 mmf.)	30-1031
⑨	Resistor (99,000 ohms)	6099
⑨	Condenser (1,000 mmf.)	30-1063
⑨	Resistor (0.5 meg.)	6097
⑨	Resistor (900 ohms)	33-3187
⑨	Switch	Part of ⑨a I.F. Exp. Unit
⑨	Resistor (4.0 meg.)	33-1002
⑨	Resistor (300 ohms)	33-3121
⑨	Condenser (1,000 mmf.)	30-1063
⑨	Padder	04000-T
⑨	Transformer (10KC Filter)	32-7368
⑨	Condenser (0.02 mf.)	30-4215S
⑨	Condenser (0.01 mf.)	30-4051P
⑨	Input Transformer	32-7446
⑨	Output Transformer	32-7461
⑨	Fuse	45-2113
⑨	Speaker Cone Assembly	36-3381
⑨	Field Coil Assembly	36-3162
⑨	Resistor (99,000 ohms)	6099
⑨	Resistor (0.5 meg.)	6097
⑨	Condenser (0.02 mf.)	32-7476
⑨	Choke	Part of ⑨
⑨	Resistor (20,000 ohms)	6650
⑨	Resistor (0.5 meg.)	6097
⑨	Resistor (1.0 meg.)	33-1096
⑨	Condenser (0.25 mf.)	6097
⑨	Resistor (0.5 meg.)	6097
⑨	Choke (Bass)	32-7478
⑨	Condenser (0.06 mf.)	30-4373
⑨	Condenser (1.0 mf.)	Part of ⑨
⑨	Condenser (0.15 mf.)	Part of ⑨
⑨	Resistor (0.5 meg.)	6097
⑨	Condenser (0.02 mf.)	30-4113X
⑨	Resistor (15,000 ohms)	5278
⑨	Potentiometer (1.0 meg.)	33-5118
⑨	Resistor (70,000 ohms)	33-1182
⑨	Dial Mask Assembly	21-1575
⑨	Dial Mask Bearing	28-6307
⑨	Dial Mask Bearing Nut	28-6308
⑨	Cord Take-up Slide	28-7134
⑨	Mask Drive Cord	31-1580
⑨	Drive Cord Spring	28-8386
⑨	Dial Scale	27-5127
⑨	R.F. Shield Assembly	38-6938
⑨	R.F. Shield Assembly	38-6793
⑨	I.F. Shield Assembly	38-6986
⑨	Cool Shield (Oscillator-Long Wave)	5840
⑨	5-Prong Socket	27-6035
⑨	6-Prong Socket	27-6036
⑨	7-Prong Socket	27-6037
⑨	4-Prong Socket	27-6044
⑨	Speaker Socket	27-6043
⑨	Tube Shield Body	28-2726
⑨	Tube Shield Base	28-2725
⑨	Knob (Station Selector)	27-4206
⑨	Knob (Slow Tuning)	27-4207
⑨	Knob (Off-On, Fidelity, Volume, Bass)	27-4225
⑨	Bezel	28-3165
⑨	Bezel Gasket	27-7982
⑨	Bezel Glass	27-8114
⑨	Acoustic Compensator	36-1155
⑨	Speaker Cable	02722
⑨	Shadow Screen	27-5120
⑨	Mounting Foot	29-2957
⑨	Wave Switch Shaft (Coupling)	28-7121
⑨	Bottom Shield Assembly	38-7042
⑨	Mounting Clamp (Electrolytic Condenser)	6440
⑨	Insulator	27-7194
⑨	Fahnestock Clip (Antenna and Ground)	L-1126