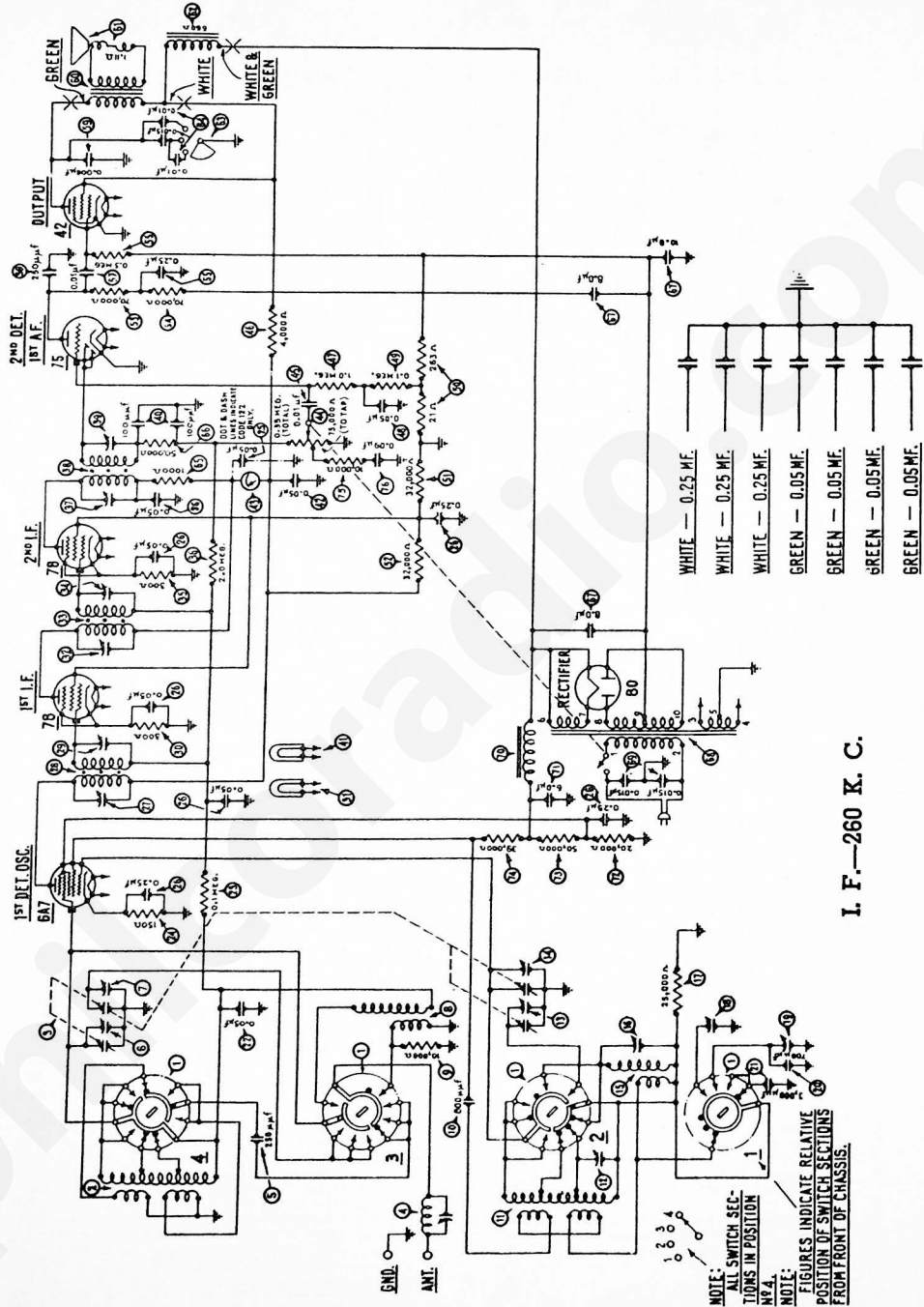


MODEL 144



- WHITE — 0.25 MF.
- WHITE — 0.25 MF.
- WHITE — 0.25 MF.
- GREEN — 0.05 MF.
- GREEN — 0.05 MF.
- GREEN — 0.05 MF.

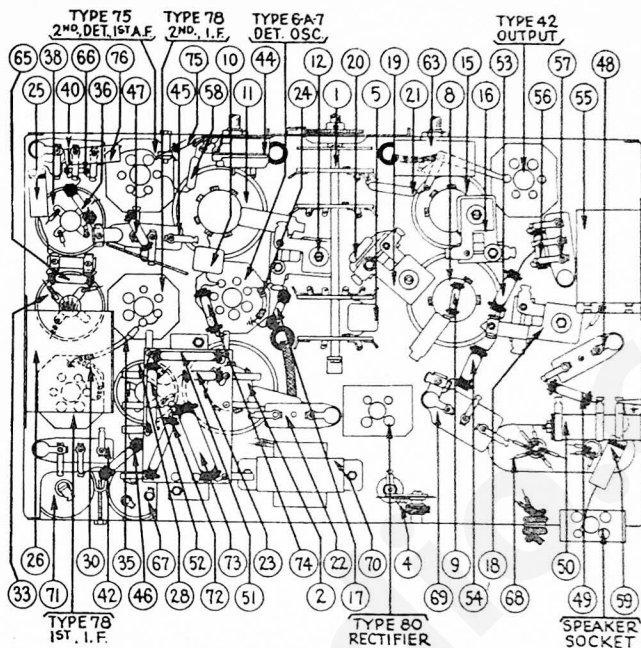
(25) BY-PASS CONDENSER BLOCK CONNECTIONS.

I. F.—260 K. C.

NOTE: ALL SWITCH SECTIONS IN POSITION #4.

NOTE: FIGURES INDICATE RELATIVE POSITION OF SWITCH SECTIONS FROM FRONT OF CHASSIS.

MODEL 144



REPLACEMENT PARTS — MODEL 144

| No. on Diagram | Description | Part No. | No. on Diagram | Description | Part No. |
|----------------|--|-----------|----------------|---|----------------------------------|
| ① | Wave-Band Switch | 42-1045 | ④⑥ | Resistor (4,000 ohms) (Yellow-Black-Red) | 7332 |
| ② | Antenna Transformer (H. F. Bands) | 32-1271 | ④⑦ | Resistor (1 Meg.) (Brown-Black-Green) | 4409 |
| ③ | Tuning Condenser Assembly | 31-1175 | ④⑧ | Condenser (.05 Mfd. Bakelite Block) | 3815-L |
| ④ | Wave Trap | 33-5487 | ④⑨ | Resistor (100,000 ohms) (White-White-Orange) | 4411 |
| ⑤ | Condenser (.00025 Mica) | 3082 | ④⑩ | Resistor BC (263 ohms, 21 ohms, Wire-Wound) | 33-3069 |
| ⑥ | Compensating Condenser (Ant. H. F.) | Part of ③ | ④⑪ | Resistor (32,000 ohms) (Orange-Red-Orange) | 3525 |
| ⑦ | Compensating Condenser (Ant. Broadcast) | Part of ③ | ④⑫ | Resistor (32,000 ohms) (Orange-Red-Orange) | 3525 |
| ⑧ | Antenna Transformer (Broadcast Band) | 32-1270 | ④⑬ | Resistor (70,000 ohms) (Violet-Black-Orange) | 5385 |
| ⑨ | Resistor (10,000 ohms) (Brown-Black-Orange) | 33-1000 | ④⑭ | Resistor (70,000 ohms) (Violet-Black-Orange) | 5385 |
| ⑩ | Condenser (.0008 Mfd. Mica) | 6021 | ④⑮ | Condenser (25 Mfd.) (Metal Case) | 4264 |
| ⑪ | Oscillator Transformer (H. F. Bands) | 32-1273 | ④⑯ | Resistor (500,000 ohms) (Yellow-White-Yellow) | 4517 |
| ⑫ | Compensating Condenser (Range 2) | 04000C | ④⑰ | Condenser (.01 Mfd. Bakelite Block) | 3903AN |
| ⑬ | Compensating Condenser (Osc. Range 4) | Part of ③ | ④⑱ | Condenser (.00025 Mfd. Mica) | 30-1032 |
| ⑭ | Compensating Condenser (Osc. Range 3) | Part of ③ | ④⑲ | Condenser (.006 Mfd. Tubular) | 30-1024 |
| ⑮ | Oscillator Transformer (Broadcast) | 32-1272 | ④⑳ | Output Transformer | 33-7178 |
| ⑯ | Compensating Condenser (Osc. Broadcast) | 04000A | ④㉑ | Voice Coil & Cone Assembly | (H-10) 02625 (K-23) 36-3174 |
| ⑰ | Resistor (25,000 ohms) (Red-Green-Orange) | 33-1013 | ④㉒ | Field Coil & Pot Assembly | H-16 (36-3218) K-23 (36-3239) |
| ⑱ | Compensating Condenser (Broadcast Series) | 04000S | ④㉓ | Tone Control | 30-4168 |
| ⑲ | Compensating Condenser (Range 2; Series) | 04000R | ④㉔ | Condensers (Inside 63) | Part of ④ |
| ⑳ | Condenser (.0007 Mfd. Mica) | 4520 | ④㉕ | Resistor (1,000 ohms) (Brown-Black-Red) | 5837 |
| ㉑ | Condenser (.003 Mfd. Mica) | 7301 | ④㉖ | Resistor (50,000 ohms) (Green-Brown-Orange) | 9068 |
| ㉒ | Condenser (.05 Mfd. Bakelite Block) | 3615-L | ④㉗ | Condenser—Electrolytic (8-8-10 Mfd.) | 30-2073 |
| ㉓ | Resistor (100,000 ohms) (White-White-Orange) | 4411 | ④㉘ | Power Transformer | 32-7234 |
| ㉔ | Resistor (150 ohms Flexible Wire-Wound) | 33-3140 | ④㉙ | Condenser (.015 Mfd. Twin) | 3793-H |
| ㉕ | Condenser (.05 mfd. tubular) (Used in Code 122 only) | 30-4123 | ④㉚ | Filter Choke | 5630 |
| ㉖ | Condenser Block (.25, .25, .05, .05, .05, .05) | 30-4167 | ④㉛ | Condenser (6 Mfd. Electrolytic) | 30-2020 |
| ㉗ | Compensating Condenser (1st I. F. pri.) | Part of ② | ④㉜ | Resistor (20,000 ohms) (Red-Black-Orange) | 6649 |
| ㉘ | 1st I. F. Transformer | 32-1369 | ④㉝ | Resistor (50,000 ohms) (Green-Brown-Orange) | 5868 |
| ㉙ | Compensating Condenser (1st I. F. Sec.) | Part of ② | ④㉞ | Resistor (39,000 ohms) (Orange-White-Orange) | 33-1027 |
| ㉚ | Resistor (300 ohms Flexible Wire-Wound) | 33-3010 | ④㉟ | Resistor (10,000 ohms) (Brown-Black-Orange) | 33-1000 |
| ㉛ | Pilot Lamp | 6608 | ④㊱ | Condenser (.02 Mfd. Tubular) | 30-4113 |
| ㉜ | Compensating Condenser (.2d I. F. Pri.) | Part of ③ | ④㊲ | A. C. Cord and Plug Assembly | L-943A |
| ㉜ | .2d I. F. Transformer | 32-1306 | ④㊳ | Dial Assembly | 31-1206 |
| ㉝ | Compensating Condenser (.2d I. F. Sec.) | Part of ③ | ④㊴ | Dial Scale | 27-5044 |
| ㉞ | Resistor (300 ohms Flexible Wire-Wound) | 33-3010 | ④㊵ | Chassis Mounting Screw | W-1355A |
| ㉟ | Resistor (2 Megs.) (Red-Black-Green) | 33-1023 | ④㊶ | Chassis Mounting Foot (Rubber) | 27-4116 |
| ㊱ | Compensating Condenser (.3d I. F. Pri.) | Part of ③ | ④㊷ | Chassis Mounting Foot (Plate) | 27-7497 |
| ㊱ | .3d I. F. Transformer | 32-1307 | ④㊸ | Tube Shield | 28-1107 |
| ㊲ | Compensating Condenser (.3d I. F. Sec.) | Part of ③ | ④㊹ | 4 Prong Tube Socket | 7544 |
| ㊲ | Condenser (.0001 Mfd. Twin—Bakelite Block) | 8035-L | ④㊺ | 6 Prong Tube Socket | 7547 |
| ㊳ | Pilot Lamp for Shadowmeter | Part of ④ | ④㊻ | 7 Prong Tube Socket | 27-6006 |
| ㊳ | Condenser (.05 Mfd. Bakelite Block) | 3615AB | ④㊼ | Speaker Socket | 4857 |
| ㊴ | Shadowmeter | 6497 | ④㊽ | Knob (Large) | 27-4051 |
| ㊴ | Volume Control & On-Off Switch | 33-5008 | ④㊾ | Knob (Small) | 27-4052 |
| ㊵ | Condenser (.01 Mfd. Bakelite Block) | 3903J | ④㊿ | Knob (Station Selector) | 27-4127 |