



Fig. 5 Part Locations, Underside of Chassis

Replacement Parts — Model 38-3

| Schem. No. | Description | Part No. | List Price | Schem. No. | Description | Part No. | List Price | Schem. No. | Description | Part No. | List Price |
|------------|---|------------|------------|------------|--|-----------|------------|--|-------------|----------|------------|
| 1 | Antenna transformer (range 1) | 32-2575 | | 50 | Resistor (32,000 ohms, 1 watt) | 33-332439 | \$0.20 | Power transformer (110/220 volts, 50 to 60 cycles) | 32-7608 | \$8.00 | |
| 2 | Antenna transformer (range 2) | 32-2576 | | 51 | 2nd I. F. transformer (discriminator) | 32-2376 | 3.30 | Tone Control and A. C. Switch | 42-1268 | .75 | |
| 3 | Antenna transformer (range 3) | 32-2573 | | 52 | Condenser (110 mfd. micro) mounted in | 32-2376 | | Condensers (0.015 mfd. dual bakelite) | 3793 DG | .40 | |
| 4 | Compensator antenna (single) | 31-6161 | \$0.30 | 53 | Compensator | 30-1031 | .20 | Range Switch (antenna) | 42-1324 | | |
| 5 | Condenser (0.05 mfd. tubular) | 30-4444 | | 54 | Resistor (51,000 ohms, 1/2 watt) | 33-351339 | .25 | Range Switch (R. F.) | 42-1284 | .75 | |
| 6 | Resistor (51,000 ohms, 1/2 watt) | 33-351339 | | 55 | Condenser (110 mfd. dual bakelite) | 8035 DG | .25 | Flood Lamps | 42-2039 | .07 | |
| 7 | Tuning Condenser | 31-1963 | 4.00 | 56 | Resistor (490,000 ohms, 1/2 watt) | 33-349339 | .25 | Condenser (0.1 mfd. tubular) | 30-4455 | .25 | |
| 8 | Remove prior to production | | | 57 | Condenser (70 ohms, 1/2 watt) | 33-333339 | | | | | |
| 9 | R. F. transformer (range 1) | 32-2379 | | 58 | Resistor (330,000 ohms, 1/2 watt) | 33-333339 | | | | | |
| 10 | R. F. transformer (range 2) | 32-2382 | 1.00 | 59 | Condenser (10,000 ohms, 1/2 watt) | 33-510339 | | | | | |
| 11 | Compensator (single) R. F. | 31-6160 | | 60 | Resistor (1.0 meg., 1/2 watt) | 33-510339 | | | | | |
| 12 | R. F. Transformer (range 3) | 32-2385 | 1.20 | 61 | Resistor (1.0 meg., 1/2 watt) | 33-510339 | | | | | |
| 13 | Condenser (0.05 mfd. tubular) | 30-4443 | | 62 | Condenser (0.01 mfd. tubular) | 30-4479 | | | | | |
| 14 | Condenser (0.05 mfd. tubular) | 30-4020 | | 63 | Condenser (50 mfd. mica) | 30-1040 | | | | | |
| 15 | Condenser (0.05 mfd. tubular) | 30-4020 | | 64 | Resistor (40,000 ohms, 1/2 watt) | 33-340339 | | | | | |
| 16 | Resistor (100 ohms, 1/2 watt) | 33-110339 | | 65 | Condenser (0.03 mfd. tubular) | 30-4449 | | | | | |
| 17 | Resistor (700 ohms, 1/2 watt) | 33-170339 | | 66 | Condenser (0.1 mfd. dual bakelite) | 4989 DG | | | | | |
| 18 | Condenser (0.01 mfd. tubular) | 30-4479 | | 67 | Condenser (0.006 mfd. tubular) | 30-4445 | | | | | |
| 19 | Condenser (110 mfd. mica) | 30-1031 | | 68 | Volume Control | 33-5158 | 1.00 | Control Screw (station index) | 31-1688 | .15 | |
| 20 | Resistor (99,000 ohms, 1/2 watt) | 33-399339 | | 69 | Condense (0.015 mfd. tubular) | 30-4358 | .20 | *Cover (handle) | 31-5092 | .10 | |
| 21 | Condenser (110 mfd. mica) | 30-1031 | | 70 | Resistor (1.0 meg., 1/2 watt) | 33-510339 | | Dial & Station Tab Escutcheon | 27-5283 | .90 | |
| 22 | Resistor (99,000 ohms, 1/2 watt) | 33-399339 | | 71 | Part of 61 | 72 | | Gear, Dial Assembly (small) | 45-2472 | | |
| 23 | Resistor (10,000 ohms, 1/2 watt) | 33-310339 | | 72 | Resistor (400,000 ohms, 1/2 watt) | 33-449339 | .20 | Gear, Dial Assembly (large) | 45-2348 | .60 | |
| 24 | Condenser (250 mfd. mica) | 30-1032 | | 73 | Arc shorting switch (stationary insulated section) | 28-4110 | .15 | Handle (Dial) | 45-2347 | .60 | |
| 25 | Resistor (32,000 ohms, 1/2 watt) | 33-332339 | | 74 | Audio shorting switch (movable section) | 45-2350 | .15 | Handle (Dual) | 45-2329 | .75 | |
| 26 | Osc. transformer (range 1) | 31-6150 | 1.60 | 75 | Resistor (99,000 ohms, 1/2 watt) | 33-399339 | .20 | Housing (Control Screws) | 45-2344 | .50 | |
| 27 | Osc. transformer (osc. series) | 31-6151 | | 76 | Condenser (0.03 mfd. tubular) | 818 SU | .35 | Housing (Handle) | 28-7190 | 1.00 | |
| 28 | Compensator osc. | 31-6170 | | 77 | Resistor (190,000 ohms, 1/2 watt) | 31-319339 | :0 | Knob Tuning | 27-4330 | .10 | |
| 29 | Resistor (85 ohms, 1/2 watt) | 33-085339 | | 78 | Resistor (149,000 ohms, 1/2 watt) | 33-349339 | .20 | Knob Verner | 27-4331 | .10 | |
| 30 | Osc. transformer (range 2) | 32-2383 | | 79 | Resistor (330,000 ohms, 1/2 watt) | 33-433339 | .20 | Knob Tone & Volume | 27-4322 | .10 | |
| 31 | Condenser (1605 mfd. tracking) | 31-6155 | | 80 | Condenser (0.01 mfd. tubular) | 30-4140 | | Knob (Range Switch) | 27-4326 | .10 | |
| 32 | Osc. transformer (range 3) | 32-2386 | | 81 | Condenser (0.005 mfd. tubular) | 30-4447 | .20 | Mask & Link Assembly | 28-4118 | .25 | |
| 33 | Condenser (4280 mfd. tracking) | 31-6156 | .60 | 82 | Condenser (0.05 mfd. tubular) | 30-4447 | .20 | Mtg. Feet-Rubber (Chassis) | 45-2401 | .70 | |
| 34 | Switch (magnetic tuning, manual) | 42-1269 | .75 | 83 | Condenser (0.05 mfd. dual bakelite) | 30-4447 | .20 | Pilot Lamp Assembly | 27-6706 | .35 | |
| 35 | Switch (magnetic tuning, automatic dia) | 45-2330 | 1.00 | 84 | Condenser (1.0 mfd. tubular) | 33-510339 | .20 | Reflector Ring | 28-4609 | .35 | |
| 36 | Condensers (0.15 mfd. dual bakelite) | 6287 DG | | 85 | Resistor (1.0 meg., 1/2 watt) | 30-4469 | .20 | Ring Retaining Mask Assembly | 28-7195 | .20 | |
| 37 | Condenser (0.05 mfd. dual bakelite) | 30-4447 DU | | 86 | Output transformer | 32-7754 | 1.50 | Screen Holder Assembly | 31-2053 | | |
| 38 | Resistor (100,000 ohms, 1/2 watt) | 33-440339 | | 87 | Cone and voice coil assembly | 36-3801 | | Shaft (Vol. Cont.) | 38-8285 | .12 | |
| 39 | Resistor (490,000 ohms, 1/2 watt) | 33-449339 | | 88 | Condenser (3500 ohms, 1/2 watt) | 33-235339 | .20 | Shaft & Plate (Range Switch) | 42-1287 | .50 | |
| 40 | Condensers (110 mfd. dual bakelite) | 8035 DG | | 89 | Resistor (3500 ohms, 1/2 watt) | 30-4469 | .20 | Socket (7 prong) | 27-6087 | | |
| 41 | Resistor (1.0 meg., 1/2 watt) | 33-510339 | | 90 | Condenser (electrolytic 18 mfd.) | 30-2200 | 1.40 | Speaker (6 prong) | 27-6086 | | |
| 42 | Resistor (1.0 meg., 1/2 watt) | 33-510339 | | 91 | Pilot Lamp | 34-2639 | .07 | Speaker H-29 | 30-1293 | | |
| 43 | Resistor (2.0 meg., 1/2 watt) | 33-520339 | | 92 | Power transformer (115 volts, 50 to 60 cycles) | 32-7606 | 6.25 | Verner Drive Assembly | 45-2342 | 2.40 | |
| 44 | Resistor (2.0 meg., 1/2 watt) | 33-570339 | | 93 | Power transformer (115 volts, 50 cycle) | 32-7607 | 9.00 | | | | |
| 45 | 1st I. F. transformer | 32-2604 | | | | | | | | | |
| 46 | Resistor (1000 ohms, 1/2 watt) | 33-210339 | | | | | | | | | |
| 47 | Resistor (9000 ohms, 2 watts) | 33-290539 | | | | | | | | | |
| 48 | Condenser (1605 mfd. electrolytic) | 30-2194 | 1.60 | | | | | | | | |
| 49 | Resistor (7500 ohms, 3 watts) | 33-275639 | .30 | | | | | | | | |

*A complete list of the automatic tuning mechanism parts is given in Bulletin 273. Those parts shown above marked with an asterisk differ from those shown on Bulletin 273.

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