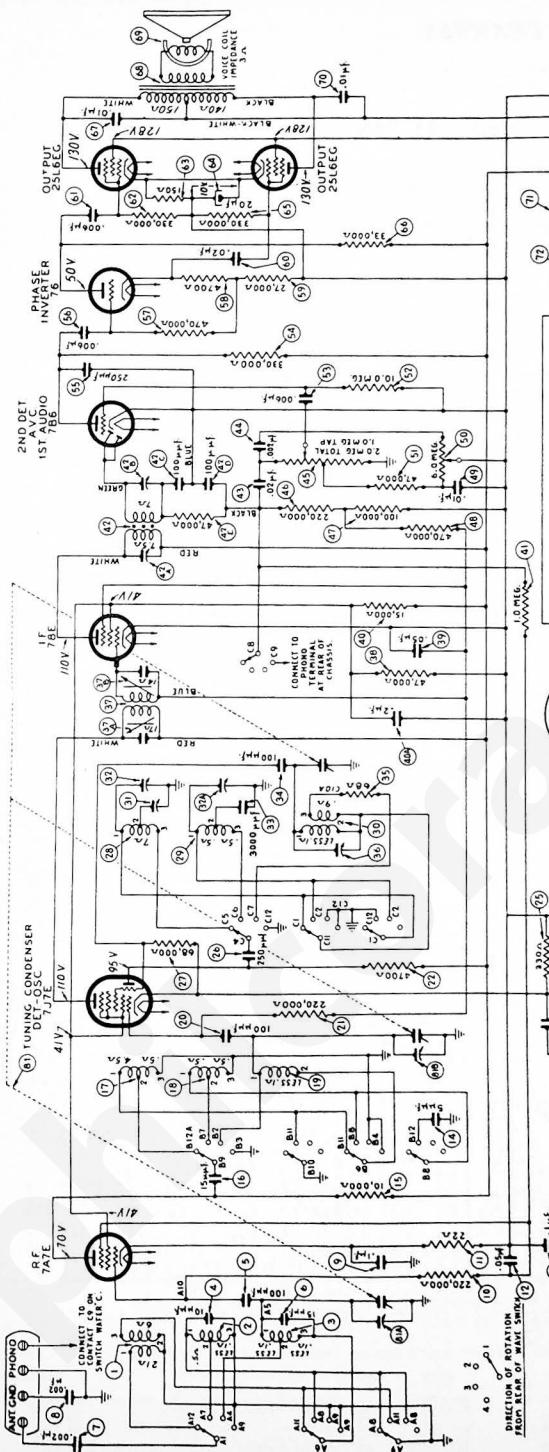


MODELS 41-745 AND 41-759 (CONTINUED)



NOTE SWITCHES SHOWN FROM REAR, BOTTOM VIEW OF CHASSIS, IN POSITION NO. 1 BROADCAST. (60)
HADED ROTOR IS AT FRONT OF SWITCH WAFER
INSHADED ROTOR IS AT REAR OF SWITCH WAFER.
LETTERS INDICATE POSITION OF SWITCH WAFERS FROM FRONT OF CHASSIS.

LETTERS INDICATE POSITION OF SWITCH WAFERS FROM FRONT OF CHASSIS

(1) BROADCAST
1 2 3

(2) BROADCAST
1 3 2

(3) BROADCAST
3 1 2

(4) S.W. 1
1 2 3

(5) S.W. 2
1 3 2

(6) S.W. 3
2 1 3

(7) S.W. 4
2 3 1

(8) BROADCAST
1 2 3

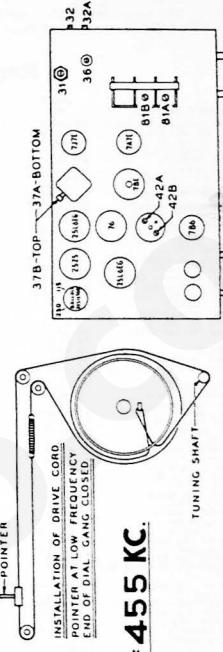
(9) S.W. 5
1 3 2

(10) S.W. 6
2 1 3

(11) S.W. 7
2 3 1

11 F = 455 KC

MUSICAL INSTRUMENTS



MODELS 41-745 AND 41-759 (CONTINUED)

PRODUCTION CHANGES

To improve the sensitivity of the Model 41-759 I. F. circuit, a 68 ohm resistor, Part No. 33-068336 was connected in series with the cathode of the 78E tube and B minus.

Replacement Parts — Model 41-745

| SCHE. No. | DESCRIPTION | PART No. |
|--------------|---------------------------------------|-------------|
| 1 | Antenna Transformer (Broadcast) | 32-3422 |
| 2 | Antenna Transformer (S. W. 1) | 32-3419 |
| 3 | Antenna Transformer (S. W. 2) | 32-3415 |
| 4 | Mica Condenser (.001 mfd.) | 60-110457 |
| 5 | Mica Condenser (100 mfd.) | 60-0110337 |
| 6 | Mica Condenser (.15 mfd.) | 60-0115337 |
| 7 | Mica Condenser (.005 mfd., .2 watt) | 33-42339 |
| 8 | Tubular Condenser (.005 mfd.) | 30-4809 |
| 9 | Resistor (10,000 ohms, 1/2 watt) | 33-310339 |
| 10 | Resistor (10,000 ohms, 1/2 watt) | 33-310339 |
| 11 | Mica Condenser (250 mfd.) | 60-123457 |
| 12 | R. F. Transformer (Broadcast) | 32-3417 |
| 13 | R. F. Transformer (S. W. 1) | 32-3421 |
| 14 | R. F. Transformer (S. W. 2) | 32-3416 |
| 15 | Tubular Condenser (.002 mfd.) | 30-4809 |
| 16 | Resistor (700 ohms, 1/2 watt) | 33-42339 |
| 17 | Resistor (10,000 ohms, 1/2 watt) | 33-310339 |
| 18 | Rect electrolytic condenser (.350 V.) | 30-2469 |
| 19 | Resistor (10,000 ohms, 1/2 watt) | 33-310339 |
| 20 | Mica Condenser (100 mfd.) | 60-110457 |
| 21 | Output Transformer (Broadcast) | 32-3423 |
| 22 | Output Transformer (S. W. 1) | 32-3421 |
| 23 | Output Transformer (S. W. 2) | 32-3420 |
| 24 | Compensator | 31-6287 |
| 25 | Compensator (2 section) | 31-6287 |
| 26 | Mica Condenser (.001 mfd.) | 60-0110457 |
| 27 | Mica Condenser (100 mfd.) | 60-110457 |
| 28 | Compensator | 31-6345 |
| 29 | Resistor (10,000 ohms, 1/2 watt) | 33-310339 |
| 30 | Resistor (10,000 ohms, 1/2 watt) | 33-310339 |
| 31 | Mica Condenser (100 mfd.) | 60-110457 |
| 32 | Resistor (10,000 ohms, 1/2 watt) | 33-310339 |
| 33 | 1st I. F. Transformer Assembly | 32-3442 |
| 34 | 2nd I. F. Transformer Assembly | 32-3430 |
| 35 | Mica Condenser (100 mfd.) | 60-110457 |
| 36 | Tubular Condenser (.002 mfd.) | 30-4579 |
| 37 | Mica Condenser (.002 mfd.) | 60-125457 |
| 38 | Tubular Condenser (.002 mfd.) | 30-4579 |
| 39 | Mica Condenser (.002 mfd.) | 60-125457 |
| 40 | Tubular Condenser (.002 mfd.) | 30-4579 |
| 41 | Mica Condenser (.002 mfd.) | 60-125457 |
| 42 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 43 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 44 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 45 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 46 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 47 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 48 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 49 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 50 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 51 | Tubular Condenser (.01 mfd.) | 35-4572 |
| 52 | Resistor (100,000 ohms, 1/2 watt) | 33-410339 |
| 53 | Resistor (100,000 ohms, 1/2 watt) | 33-410339 |
| 54 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 55 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 56 | Tubular Condenser (.001 mfd.) | 35-4572 |
| 57 | Mica Condenser (250 mfd.) | 60-125457 |
| 58 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 59 | Driver Transformer | 30-4579 |
| 60 | Tubular Condenser (.01 mfd.) | 30-4572 |
| 61 | Resistor (30 ohms, 1 watt) | 33-023136 |
| 62 | Resistor (33 ohms, 1 watt) | 33-023136 |
| 63 | Tubular Condenser (.004 mfd.) | 30-4578 |

MODEL 41-745 — PART LOCATIONS, UNDERSIDE OF CHASSIS

| SCHE. No. | DESCRIPTION | PART No. | SCHE. No. | DESCRIPTION | PART No. |
|--------------|------------------------------|-------------|--------------|--------------------------------|-------------|
| 64 | Output Transformer | 32-8113 | 71 | Power Transformer | 32-7852 |
| 65 | Cone and Voice Coil Assembly | 32-1508 | 72 | Filter Choke | 32-2925 |
| 66 | Pilot Lamp | 30-4598 | 73 | Tubular Condenser (.01 mfd.) | 30-4598 |
| 67 | Tubular Condenser (.2 mfd.) | 30-4587 | 75 | Resistor (1000 ohms, 1/2 watt) | 33-210339 |
| 68 | Vibrator | 41-3222 | 76 | Resistor (1000 ohms, 1/2 watt) | 33-210339 |
| 69 | Wave Choke | 31-2434 | 77 | Tuning Condenser Assembly | 31-2434 |
| 70 | Tubular Condenser (.5 mfd.) | 30-4296 | 78 | Wave Switch | 42-1564 |

Replacement Parts — Model 41-759

| SCHE. No. | DESCRIPTION | PART No. |
|--------------|--|-------------|
| 1 | Antenna Transformer (Broadcast) | 32-3422 |
| 2 | Antenna Transformer (S. W. 1) | 32-3419 |
| 3 | Antenna Transformer (S. W. 2) | 32-3415 |
| 4 | Mica Condenser (.001 mfd.) | 60-110457 |
| 5 | Mica Condenser (100 mfd.) | 60-110457 |
| 6 | Tubular Condenser (.01 mfd.) | 30-4579 |
| 7 | Tubular Condenser (.002 mfd.) | 30-4579 |
| 8 | Resistor (22 ohms, 1/2 watt) | 33-022339 |
| 9 | Tubular Condenser (.02 mfd.) | 30-4579 |
| 10 | Resistor (22 ohms, 1/2 watt) | 33-022339 |
| 11 | Tubular Condenser (.02 mfd.) | 30-4579 |
| 12 | Mica Condenser (5 mfd.) | 60-005357 |
| 13 | Mica Condenser (.001 mfd., 1/2 watt) | 30-0110339 |
| 14 | Mica Condenser (.001 mfd., 1/2 watt) | 30-0110339 |
| 15 | R. F. Transformer (Broadcast) | 32-3417 |
| 16 | R. F. Transformer (S. W. 1) | 32-3416 |
| 17 | R. F. Transformer (S. W. 2) | 32-3415 |
| 18 | Resistor (10,000 ohms, 1/2 watt) | 60-110457 |
| 19 | Mica Condenser (100 mfd.) | 60-110457 |
| 20 | Resistor (10,000 ohms, 1/2 watt) | 33-42339 |
| 21 | Resistor (4700 ohms, 1/2 watt) | 33-247339 |
| 22 | Resistor (4700 ohms, 1/2 watt) | 33-247339 |
| 23 | Tubular Condenser (.05 mfd.) | 30-4518 |
| 24 | Tubular Condenser (.05 mfd.) | 30-4518 |
| 25 | Resistor (320 ohms, 1/2 watt) | 33-133339 |
| 26 | Mica Condenser (.200 mfd.) | 60-123457 |
| 27 | Resistor (10,000 ohms, 1/2 watt) | 33-42339 |
| 28 | Oscillator Transformer (Broadcast) | 32-3423 |
| 29 | Oscillator Transformer (S. W. 1) | 32-3421 |
| 30 | Oscillator Transformer (S. W. 2) | 32-3420 |
| 31 | Compensator | 31-6260 |
| 32 | Compensator (2 section) | 31-6260 |
| 33 | Mica Condenser (3000 mfd.) | 60-230124 |
| 34 | Mica Condenser (100 mfd.) | 60-110457 |
| 35 | Resistor (10,000 ohms, 1/2 watt) | 33-42339 |
| 36 | Compensator | 31-6245 |
| 37 | 1st I. F. Transformer Assembly | 32-3429 |
| 38 | Resistor (10,000 ohms, 1/2 watt) | 33-42339 |
| 39 | Tubular Condenser (.05 mfd.) | 30-4609 |
| 40 | Resistor (15,000 ohms, 1/2 watt) | 33-215339 |
| 41 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 42 | Resistor (10,000 ohms, 1/2 watt) | 33-510339 |
| 43 | Tubular Condenser (.02 mfd.) | 32-3132 |
| 44 | Tubular Condenser (.002 mfd.) | 30-4579 |
| 45 | Capacitor (.001 mfd.) | 33-223339 |
| 46 | Resistor (220,000 ohms, 1/2 watt) | 33-410339 |
| 47 | Resistor (100,000 ohms, 1/2 watt) | 33-410339 |
| 48 | Tubular Condenser (.01 mfd.) | 30-4572 |
| 49 | Tubular Condenser (.002 mfd.) | 30-4572 |
| 50 | Tone Control and On-Off Switch | 33-5303 |
| 51 | Mica Condenser (100 mfd.) | 60-110457 |
| 52 | Resistor (10,000 ohms, 1/2 watt) | 33-610339 |
| 53 | Tubular Condenser (.002 mfd.) | 30-4579 |
| 54 | Mica Condenser (250 mfd.) | 60-125457 |
| 55 | Resistor (470,000 ohms, 1/2 watt) | 33-247339 |
| 56 | Resistor (4700 ohms, 1/2 watt) | 33-247339 |
| 57 | Tubular Condenser (.004 mfd.) | 30-4579 |
| 58 | Resistor (4700 ohms, 1/2 watt) | 33-247339 |
| 59 | Tubular Condenser (.02 mfd.) | 30-4610 |
| 60 | Mica Condenser (100 mfd.) | 60-110457 |
| 61 | Tubular Condenser (.004 mfd.) | 30-4610 |
| 62 | Resistor (150 ohms, 1 watt) | 33-112439 |
| 63 | Electrolytic Condenser (20 mfd., 350 V.) | 30-2435 |
| 64 | Electrolytic Condenser (20 mfd., 350 V.) | 30-2435 |
| 65 | Electrolytic Condenser (20 mfd., 350 V.) | 30-2435 |
| 66 | Resistor (320,000 ohms, 1/2 watt) | 33-423339 |
| 67 | Resistor (320,000 ohms, 1/2 watt) | 33-423339 |
| 68 | Tubular Condenser (.004 mfd.) | 30-4579 |
| 69 | Tubular Condenser (.004 mfd.) | 30-4579 |
| 70 | Tubular Condenser (.004 mfd.) | 30-4579 |
| 71 | Resistor (1000 ohms, 1 watt) | 33-210339 |
| 72 | Resistor (330 ohms, 1/2 watt) | 33-133339 |
| 73 | Resistor (2200 ohms, 1 watt) | 33-222439 |

MODEL 41-759 — PART LOCATIONS, UNDERSIDE OF CHASSIS

| SCHE. No. | DESCRIPTION | PART No. | SCHE. No. | DESCRIPTION | PART No. |
|--------------|--------------------------------------|-------------|--------------|--------------------------------------|-------------|
| 67 | Tubular Condenser (.04 mfd., 350 V.) | 30-4572 | 74 | Electrolytic Cond. (40 mfd., 350 V.) | 30-2466 |
| 68 | Output Transformer | 32-8112 | 75 | Tubular Condenser (.02 mfd.) | 30-4898 |
| 69 | Cone and Voice Coil Assembly | 32-1508 | 76 | Tube | 30-4598 |
| 70 | Pilot Lamp | 30-4598 | 77 | B. C. Resistor (Wirewound) | 33-3380 |
| 71 | Tubular Condenser (.01 mfd.) | 30-4579 | 78 | Pilot Lamp | 34-2387 |
| 72 | Resistor (1000 ohms, 1 watt) | 33-210339 | 79 | Wave Switch | 42-1564 |
| 73 | Resistor (330 ohms, 1/2 watt) | 33-133339 | 80 | Tuning Condenser Assembly | 31-2441 |