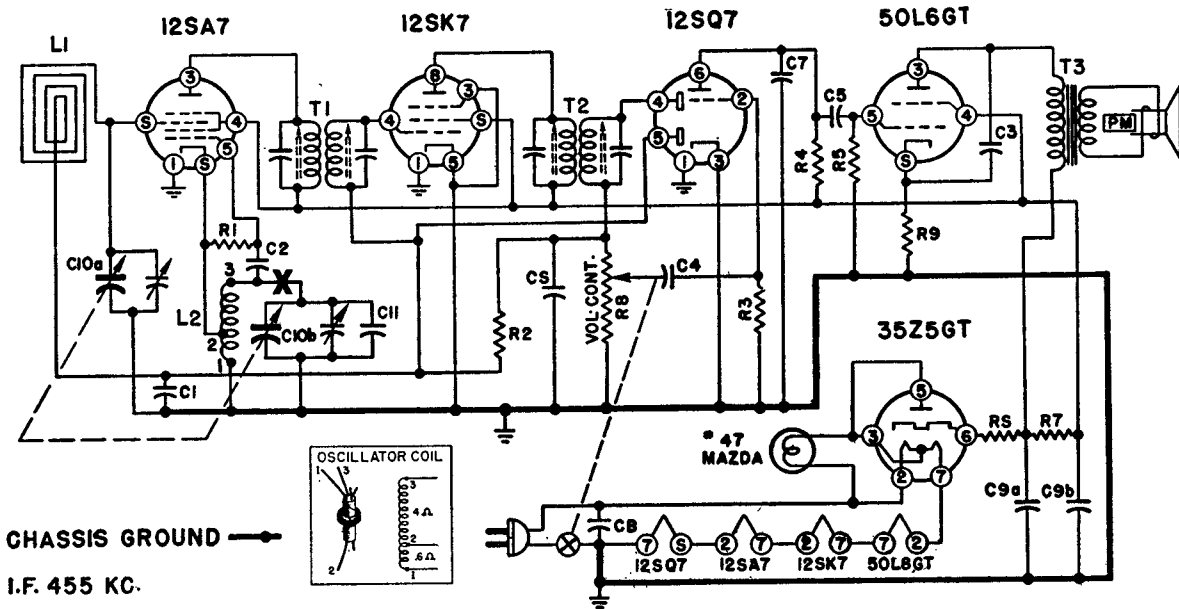


MANUAL OF 1948 MOST-OFTEN-NEEDED RADIO DIAGRAMS



I.F. 455 KC.

- UL5K1** {
1. .05 mfd. condenser added at point "X" in oscillator circuit.
 2. B minus is isolated from chassis by 150,000 ohm resistor and .18 mfd. condenser in parallel.
 3. Gang condenser grounded to chassis and not connected to B minus as in above circuit.

Admiral

CHASSIS **5 K 1**
 MODELS **7T10, 7T14, 7T15**

RESISTORS

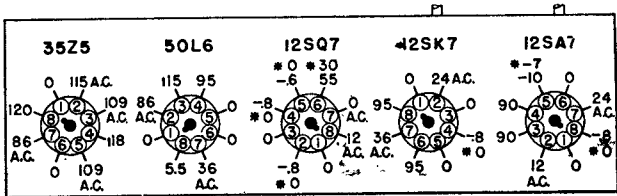
Symbol	Description	Part No.
R1	22,000 Ohms, 1/2 Watt	60B B-223
R2	1 Megohm, 1/2 Watt	60B B-105
R3	4.7 Megohms, 1/2 Watt	60B B-475
R4	470,000 Ohms, 1/2 Watt	60B B-474
R5	470,000 Ohms, 1/2 Watt	60B B-474
R6	33 Ohms, 1 Watt	60B 2B-3
R7	1000 Ohms, 1 Watt	60B 2B-2
RB	1 Megohm Volume Control and Switch	75B 1-16
R9	150 Ohms, 1/2 Watt	60B B-151

CONDENSERS

C1	1 mfd., 200 Volts, Paper	64B 1-30
C2	50 mmfd., ±20%, Ceramic	65B 6-4
C3	.02 mfd., 400 Volts, Paper	64B 1-24
C4	.01 mfd., 400 Volts, Paper	64B 1-25
C5	.01 mfd., 400 Volts, Paper	64B 1-25
C6	250 mmfd., ±20%, Ceramic	65B 6-5
C7	500 mmfd., ±20%, Ceramic	65B 6-6
C8	.05 mfd., 400 Volts, Paper	64B 1-22
C9a	50 mmfd., 150 Volts	Elec. 67A 10
C9b	30 mmfd., 150 Volts	
C10a	Gang, 0 to 420 mmfd.	A1460
C10b	Gang, 0 to 162 mmfd.	
C11	20 mmfd., ±20%, Ceramic	65B 6-26

Connect Signal Generator to—	Dummy Antenna Between Radio and Generator	Set Generator Frequency to—	Set Receiver Dial Frequency to—	Adjust Following Trimmers	Type of Adjustment
Tuning Condenser Antenna Stator	250 mmfd. Condenser	455 K.C.	High frequency end of Dial	A-B—2nd I. F. C-D—1st I. F. (See note below)	Adjust to maximum Output
Tuning Condenser Antenna Stator	250 mmfd. Condenser	1630 K.C.	High frequency end of Dial	E—Osc.	Adjust to maximum Output
Loop radiator (or place lead from generator close to loop of set to obtain adequate signal).	No actual connection between set and generator.	1400 K.C.	Tune in generator signal	F—Ant.	Adjust to maximum Output

Note: In some sets, the B and D adjustments must be made from the underside of the chassis.



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e Voltages measured with a vacuum-tube voltmeter. A second voltage reading (marked with an asterisk *) indicates readings made with a 1000 ohm-per-volt meter.

