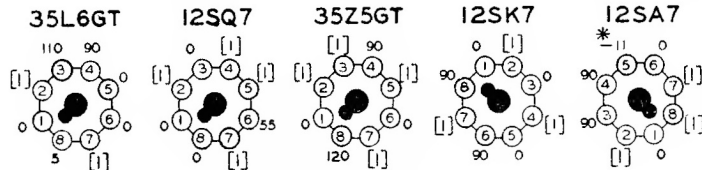


BOTTOM VIEW OF CHASSIS

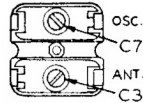
VOLTAGES MEASURED WITH 1000 OHM PER VOLT VOLTMETER BETWEEN SOCKET TERMINALS & B—

[] CANNOT BE MEASURED WITH D.C. VOLTMETER.

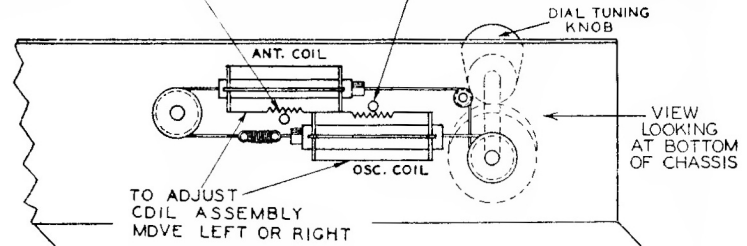
* OSCILLATOR VOLTAGE TO BE MEASURED WITH R.F. CHOKE IN SERIES WITH VOLTMETER LEAD.



REAR OF CHASSIS



NOTE "A" THE ANTENNA COIL ASSEMBLY IS MADE SO THAT IT IS MOVABLE LEFT OR RIGHT. WHEN MAKING THE ADJUSTMENT AS GIVEN IN THE ALIGNMENT PROCEDURE MOVE THE COIL ASSEMBLY VERY SLOWLY. IT CAN BE MOVED BY HAND OR BY PIVOTING ONE EDGE OF THE BLADE OF A SCREWDRIVER IN THE HOLE AND ENGAGING THE BLADE IN THE GEAR TEETH OF THE COIL FORM.



COIL ASSEMBLY VIEW

Schematic Part
Ref. No. No.

Description

RESISTORS

R1	BE130176	20M ohm— $\frac{1}{2}$ w.
R2	BE130100	150M ohm— $\frac{1}{2}$ w.
R3	BE130279	1M ohm—1 watt
R4	BE1304	3 megohm— $\frac{1}{2}$ w.
R5	BE130288	50 ohm—1.5 watt
R6	BE101220	500M ohm volume control and Switch
R7	BE130240	30 ohm— $\frac{1}{2}$ w.
R8	BE130257	5 megohm— $\frac{1}{2}$ w.
R9	BE130100	150M ohm— $\frac{1}{2}$ w.
R10	BE13011	250M ohm— $\frac{1}{2}$ w.
R11	BE130166	150 ohm— $\frac{1}{2}$ w.

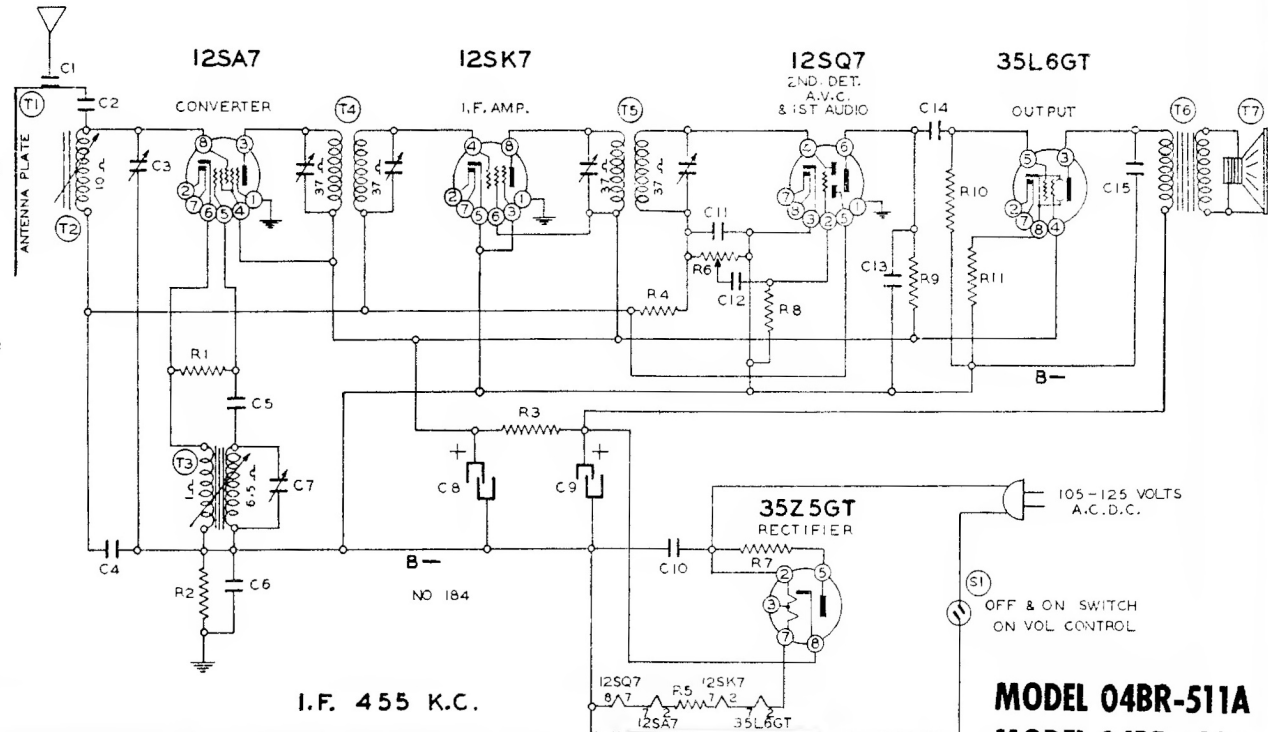
CONDENSERS

C1	BE131262	.00001 washer condenser (antenna clip on back plate)
C2	BE129114	.0003 mica
C3	BE124137	Trimmer on antenna coil
C4	BE1009	.05 x 200 v.
C5	BE12939	.00005 mica
C6	BE10091	.15 x 400 v.
C7	BE124137	Trimmer on Oscillator coil
C8	BE11992	20 mfd. lytic x 150 w. v.
C9	BE11992	40 mfd. lytic x 150 w. v.
C10	BE10013	.05 x 400 v.
C11	BE12912	.00025 mica
C12	BE10025	.002 x 600 v.
C13	BE1292	.0005 mica
C14	BE10011	.01 x 400 v.
C15	BE10011	.01 x 400 v.

C3 and C7 in same unit
C8 and C9 in same unit

PARTS

T1	BE115597-18	Antenna plate—walnut or BE115597-9 Antenna plate—ivory
T2	BE111181	Antenna permeability coil
T3	BE110153	Oscillator permeability coil
T4	BE108157-H	Input I.F. Coil—455 kc.
T5	BE108157-I	Output I.F. Coil—455 kc.
T6	BE105110	Output Transformer



I.F. 455 K.C.

MONTGOMERY WARD

MODEL 04BR-511A
MODEL 04BR-512A