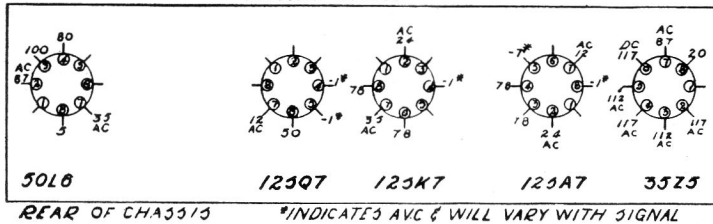


VOLTAGE CHART



VOLTAGE DATA

- All readings made between Tube Socket Terminals and B minus.
- Measured on a 117 Volt A.C. line.
- Volume control full on.
- Dial tuned to low frequency end, no signal.
- Voltage obtained on Vacuum Tube Voltmeter.

REPLACEMENT PARTS

RESISTORS			CONDENSERS		
No.	OHMS	WATT	No.	CAPACITY	VOLT
R1	22,000	1/2	C1	.004	500
R2	1 Meg	1/2	C2	50 MMFD	65B6-4
R3	27,000	1/2	C3	.1	200 64B1-30
R4	1 Meg	V. Con	C4a	Gang	68X5
R6	4.7 Meg	1/2	C5	.01	400 64B1-25
R7	33,000	1/2	C6	.18	200 64A2-2
R8	270,000	1/2	C7	15 MMFD.	65B6-18
R9	470,000	1/2	C8	.01	400 64B1-25
R10	100	1/2	C9	.03	400 64B1-23
R11	33	1	C10	.03	400 64B1-23
R12	220	1	C11	.001	600 64B1-15
R13	1000	1	C12	.05	400 64B1-22
R14	22,000	1/2	C13	.01	400 64B1-25
R15	10 Meg	1/2			
R16	150	1			
R17	100,000	1/2			
R5	2 Meg	Tone Con.			

COILS and TRANSFORMERS			SWITCHES PLUGS, and SOCKETS		
No.	Description	Part No.	No.	Description	Part No.
L1	Antenna Loop	69X13	P1	Plug, Pickup	88A8-5
L2	Coil, Oscillator	69A20	P3	Plug, Alden	88A8-1
T1	Transformer, 1st	IF72X3	S1	Socket, Phono	88A8-6
T2	Transformer 2nd	IF 72X4	S3	Phono Motor Socket and Leads (Female Connector)	89W6-3
T3	Transformer Output	98A17	SW2	Switch, Radio-Phono	77A16-1

CABINET PARTS		
Description	Part No.	
Cabinet, Plastic Mahogany (7RT41)	34D11	
Cabinet Body Less Lid (7RT41)	34D11-11	
Cabinet Lid (7RT41)	34D11-10	
*Cabinet, Wood Walnut (7RT43)	35D48-1	
*Cabinet, Wood, Mahogany (7RT43)	35D48-2	
Clip, Dial Glass Mounting (7RT43)	18A12	

PHONOGRAPH PARTS		
Description	Part No.	
Cartridge, E.T.A.	A1372	
Centerpost	G400B137	
Drive Disc Assembly	G400A179	
Idler Wheel (407X3 Motor)	G400A23	
Idler Wheel (407X1 Motor)	G400A57	
Motor, 60 Cycle 115V. A.C.	407X3-60	

MISCELLANEOUS		
Description	Part No.	
Background, Dial	22B9-1	
Bracket, Tuning Shaft	15A152	
Bracket, Dial	15B151	
Cord, Dial (44")	50A1-3	
Drum, Dial	15A14	
Grommet, Rubber	12A1-2	
Rubber Bumper	12A3-1	
Knob	33A19-1	
Pilot Light No. 47	81A1-8	
Pilot Light Socket and Lead	82A2-4	
Pointer	25A21	
Pulley, Dial 1/8"x1/2" O.D.	17A1-3	
Shaft, Tuning	28A11-4	
Speaker (5") and Output Transformer	78B19-1	
Spring, Dial Drum Cord Tension	19B3	

\*.Supplied only if old cabinet cannot be repaired. When ordering, describe condition of old cabinet in detail.

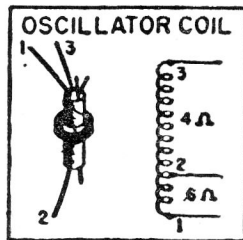
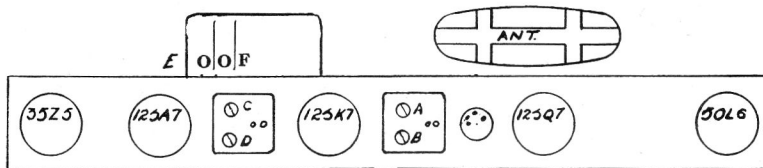
**ALIGNMENT PROCEDURE**

1. Connect Output Meter across Voice Coil.
2. Turn Receiver Volume Control—full on.
3. Use lowest Output setting of Signal Generator.
4. Repeat adjustments to insure good results.

Connect Signal Generator to—	Dummy Antenna and Generator Between Radio	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.	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 pickup lead from gen. 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

TOP VIEW

TUBE & TRIMMER LOCATION



**SPECIFICATIONS**

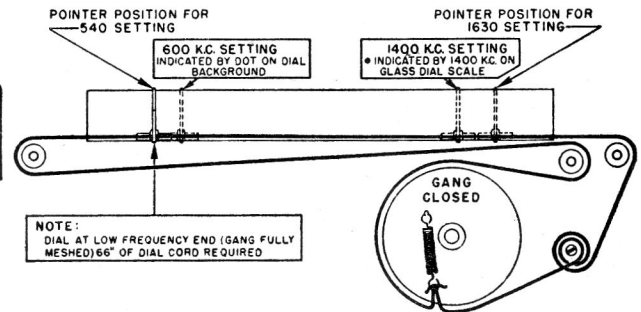
**POWER SUPPLY:**

110-120 Volts A.C.  
 Frequency 50-60 cycles. 407x2-22-6-60 or  
 407x2-22-8-60 motor.  
 25 cycles 407x2-22-10-25 motor.  
 Power Consumption—50 watts.

**CIRCUIT:**

Superheterodyne; tone control; single tuning range, 540 Kc. to 1630 Kc., covering standard broadcast band; built-in AEROSCOPE loop antenna, with provisions for connecting an external antenna.

**DIAL CORD STRINGING & POINTER SETTING**



**RECORD CHANGER SERVICE DATA**

Complete service information and parts list for record changers are contained in separate manuals. Check record changers for model number. Check record changers for model number. Reference should then be made to the proper manual for all record changer service information.

This record changer is equipped with the new Admiral high fidelity, plug-in type, pickup cartridge (see A, B, and C on schematic). If inoperative, check contacts, D.C. voltage to pickup, resistance of pickup, coupling condenser C11, and associated circuit. Replace cartridge if the rest of the circuit is satisfactory.

*Canadian Admiral Corporation, Ltd.*

LONG BRANCH, ONTARIO