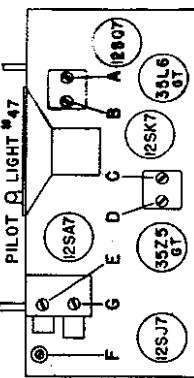


MODEL 5B1
MODEL 5B1A
MODEL 6A1, Issue B

ADMIRAL CORPORATION

MODEL 5B1A ALIGNMENT PROCEDURE MODEL 5B1
1. Be sure Radio Receiver and Signal Generator are thoroughly warmed up before starting alignment procedure.

MODEL 6A1 - ISSUE B
If the dial drum position is disturbed, it should be correctly tuned coil. When the gang condensers are fully corrected.



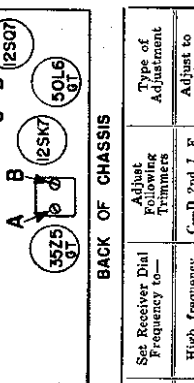
ALIGNMENT PROCEDURE
1. Be sure Radio Receiver and Signal Generator are thoroughly warmed up before starting alignment procedure.

Table with columns: 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.

MISCELLANEOUS (Cont'd)
PAPER CONDENSERS
ELECTROLYTIC CONDENSERS
RESISTORS
MISCELLANEOUS

MODEL 5B1 ALIGNMENT PROCEDURE MODEL 5B1
1. Be sure Radio Receiver and Signal Generator are thoroughly warmed up before starting alignment procedure.

MODEL 6A1 - ISSUE B
If the dial drum position is disturbed, it should be correctly tuned coil. When the gang condensers are fully corrected.

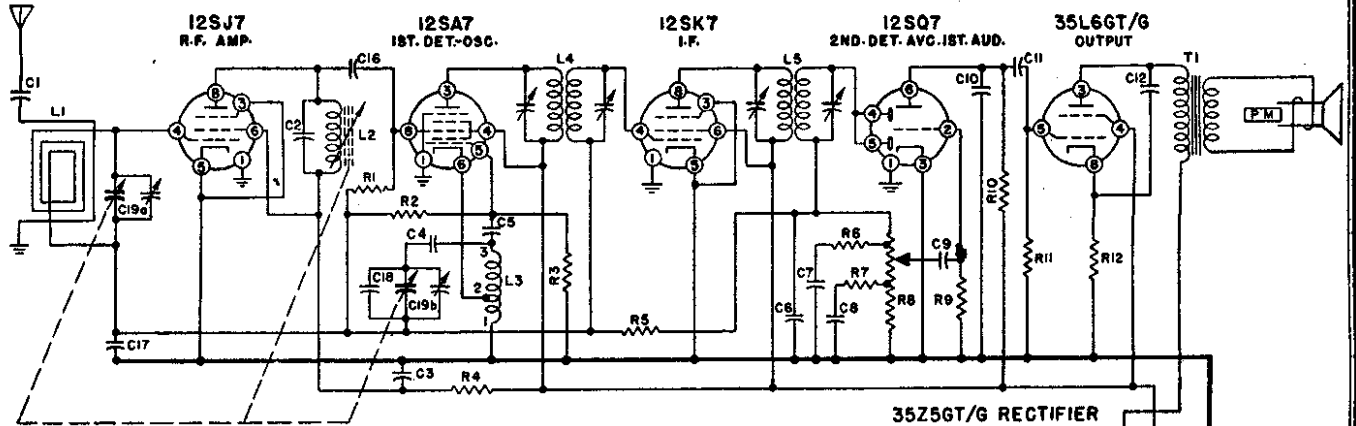


ALIGNMENT PROCEDURE
1. Be sure Radio Receiver and Signal Generator are thoroughly warmed up before starting alignment procedure.

Table with columns: 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.

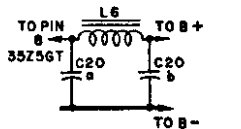
MISCELLANEOUS (Cont'd)
PAPER CONDENSERS
ELECTROLYTIC CONDENSERS
RESISTORS
MISCELLANEOUS

ADMIRAL CORPORATION



ISSUE B 1946  
SUPERSEDES ISSUE A

ALTERNATE FILTER CIRCUIT  
USED ON EARLIER MODEL.



CHASSIS GROUND ⚡  
I.F. 455 K.C.

NOTE: 1. In later production R14 and C13a are disconnected from pin #8 of the 35Z5 and a 33-ohm 1W resistor (R16) is connected from pin #8 to the junction of R14 and C13a. 2. The jumper between pins 4 and 5 on the 12SQ7 is removed and one pin is connected to the secondary of the second I.F. (L5) and the other pin is connected directly to the junction point of R5 and the secondary of the 1st I.F. (L4).

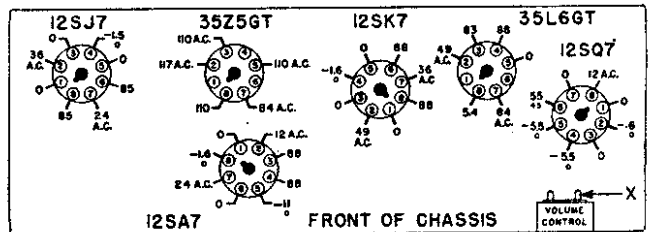
CONDENSERS

Symbol	Capacity	Type
C-1.....	.005 mfd	.....600 V.
C-2.....	.785. mmfd	.....Mica
C-3.....	.05 mfd	.....400 V.
C-4.....	.02 mfd	.....400 V.
C-5.....	.50. mmfd	.....Mica
C-6.....	.250. mmfd	.....Mica
C-7.....	.01 mfd	.....400 V.
C-8.....	.01 mfd	.....400 V.
C-9.....	.01 mfd	.....400 V.
C-10.....	.500. mmfd	.....Mica
C-11.....	.01 mfd	.....400 V.
C-12.....	.02 mfd	.....400 V.
C-13a.....	.30. mfd	Elect.....150 V.
C-13b.....	.30. mfd	Elect.....150 V.
C-13c.....	.20. mfd	Elect.....150 V.
C-14.....	.05 mfd	.....400 V.
C-15.....	.2 mfd	.....400 V.
C-16.....	.250. mmfd	.....Mica
C-17.....	.1 mfd	.....200 V.
C-18.....	.20. mmfd	.....Mica
C-19a.....	.420. mmfd	(max.).....Var.
C-19b.....	.180. mmfd	(max.).....Var.
C-20a.....	.30. mfd	Elect.....150 V.
C-20b.....	.50. mfd	Elect.....150 V.

RESISTORS

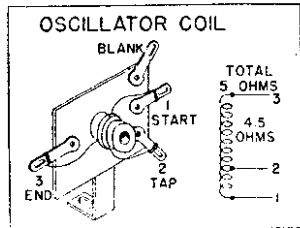
Symbol	Resistance	Type
R-1.....	10,000 ohms	.....C1/2W
R-2.....	10 meg ohm	.....C1/2W
R-3.....	22,000 ohms	.....C1/2W
R-4.....	100 ohms	.....C1/2W
R-5.....	1 meg ohm	.....C1/2W
R-6.....	47,000 ohms	.....C1/2W
R-7.....	27,000 ohms	.....C1/2W
R-8.....	500,000 ohm	Volume Control, (Tapped at 1/3 and 2/3 of Rotation which is 100,000 ohms and 200,000 ohms from the start, due to the taper).
R-9.....	5 meg ohm	.....C1/2W
R-10.....	270,000 ohms	.....C1/2W
R-11.....	470,000 ohms	.....C1/2W
R-12.....	150 ohms	.....C1/2W
R-13.....	150,000 ohms	.....C1/2W
R-14.....	150 ohms	.....C1W
R-15.....	1,000 ohms	.....C1W
R-16.....	33 ohms	.....C1W

VOLTAGE DATA:-



Bottom View of Chassis, Showing Voltages.

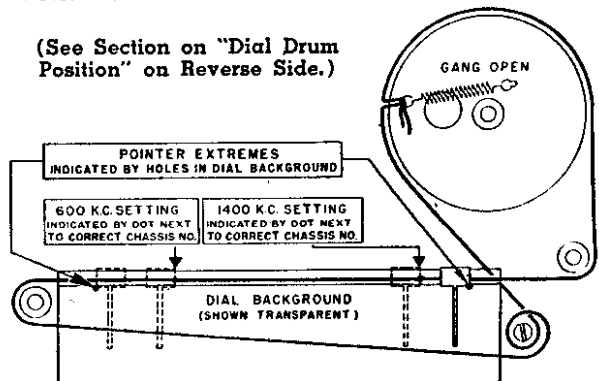
- All readings made between Tube Socket Terminals and Switch Lug on volume control (Point "X" on drawing).
- Measured on a 117 Volt A.C. line.
- Volume control full on.
- Dial tuned to low frequency end, no signal.
- Voltages indicated obtained on Vacuum Tube voltmeter.
- A second voltage reading is shown made with a 1000 ohm-per-volt meter when use of this instrument would result in appreciably lower readings.



OSCILLATOR COIL

POINTER SETTINGS AND DIAL CORD STRINGING

(See Section on "Dial Drum Position" on Reverse Side.)



SPECIFICATIONS

POWER SUPPLY:-

110-120 Volts A.C. or D.C.  
Frequency 50-60 cycles.  
Power Consumption-30 watts.

CIRCUIT:-

Chassis 6A1 A.C.-D.C. 6 Tube Superheterodyne, with R.F. stage; Single tuning range, 540 Kc. to 1630 Kc., covering standard broadcast band; built-in AEROSCOPE loop antenna, with provision for connecting an external antenna.