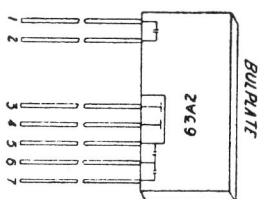


NOTE: C5a, C5b, C5c, C5d and C5e are contained in a single unit (Bulplate). The numbers next to the C5 condenser plates on the schematic correspond to the lead numbers as shown on the drawing of the "BULPLATE" (see inset). It is necessary to replace the entire Bulplate. Replace the bad section with a condenser of proper value.

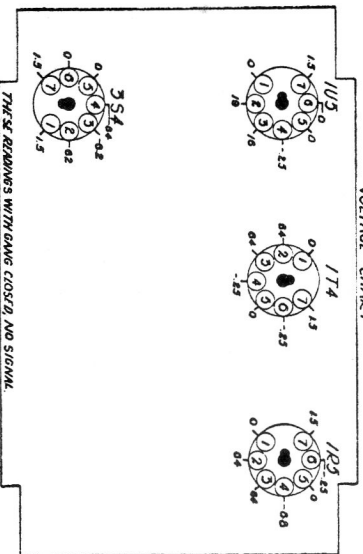
Note that leads 5 and 6 are common to more than one section.

View unit from side bearing part number to insure proper indexing.



1947-48 IF = 455 KC.

VOLTAGE CHART



ALIGNMENT
DATA ON
SHEET 5

BATTERY
PORTABLE

MODEL
4D11

CHASSIS
4D1

ADMIRAL

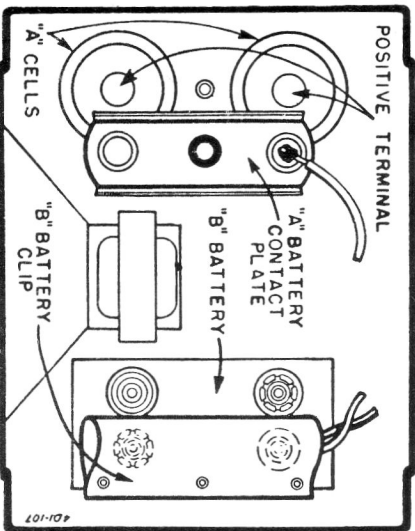
DATA SHEET 4

ALIGNMENT PROCEDURE

1. Remove chassis from cabinet.
2. Install a fresh set of batteries.
3. Connect Output Meter across Voice Coil.
4. Turn Receiver Volume Control full on.

5. Use lowest Output setting of Signal Generator capable of producing adequate Output Meter indication and then proceed as outlined in chart below.
6. Repeat adjustments to insure good results.

Step	Connect Signal Generator	Generator Frequency Dial Setting	Receiver Trimmer and Type of Adjustment
1	Thru' 1 Mfd to Stator of R.F. Section of Gang Condenser	455 k.c.	Gang Wide Open A, B, C, D to Maximum Output Repeat
2	To a few turns of Hook-up wire and space approx. 6" from Loop on Set	1620 k.c.	Open Gang Wide "E" to Maximum Output
3		1400 k.c.	Tune In Signal Maximum Output "F" to

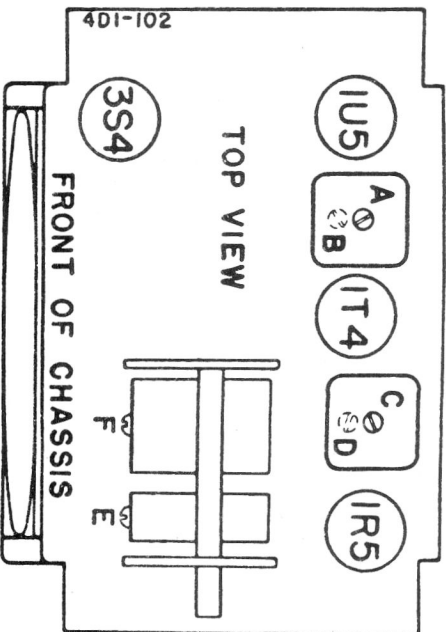


1947-48

Install both "A" cells with positive terminal against removable contact plate.

C 1	.01 mfd 400V	C 6B	0 to 107.2 M.M.F.D. (Gang)
C 2	.0001 Ceramic	R 1	68,000 ohms 1/4w
C 3	4 mfd Electr. 150V ...	R 2	680 ohms 1/4w
C 4A	.00015 Ceramic	R 3	3.3 meg. 1/4w
C 4B	.002 Ceramic	R 4	1 meg. 1/4w Vol. Cont.
C 4C	.006 Ceramic	R 5	10 meg. 1/4w
C 4D	.0001	R 6	4.7 meg. 1/4w
C 4E	.005 Ceramic	R 7	1. meg. 1/4w
C 5	.002-600V	R 8	2.2 meg. 1/4w
C 6A	0 to 354 M.M.F.D. (Gang)	L 1	Antenna, Loop
		L 2A)	
		L 2B)	Coil, Oscillator
		T 1	Transformer, 1st I.F.
		T 2	Transformer, 2nd I.F.
		T 3	Transformer, Output Speaker (3 1/2" P.M.) and Out put Transformer
		SW1	Switch, Off-on

TUBE AND TRIMMER LOCATION



BATTERY REPLACEMENT

"A BATTERY": two flashlight cells (1-5/16x2-3/8 inches) Ray-O-Vac 2 LP, Burgess No. 2 Eveready 950 or equivalent.

"B BATTERY": one Ray-O-Vac 4367 Burgess 1734, Eveready 467 or equivalent.

"A" Battery life about 15 hours.

"B" Battery life about 30 hours.

IF. = 455 KC.

BATTERY PORTABLE MODEL

4D11

CHASSIS

4D1

INSTRUCTIONS

CIRCUIT ON DATA SHEET 4

ADMIRAL

DATA SHEET

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