SERVICE DATA **134-A-B-C-D**

MODIFICATION SHEET

PHILIPS RADIOPLAYER

MODELS 134-A-B-C-D

NOTE: This sheet should be read in conjunction with the service data sheet for Model 134.

MODEL 134.

Several minor changes were made in this version. They can be covered by making the following alterations to the original sheet.

R5 changed from 50,000 ohms to 100,000 ohms ½W carbon.

Voltage analysis table changed in respect of screen voltage for V1 and V3. These figures should be changed to 27 volts in each case.

In the original sheet, C24 was omitted from the capacitors list. This is 100 pF mica and should be included in the same line as C17.

The speaker code number changed from CZ.161.119 to 49.239.62.

Case end code number changes as under: CS.217.014 changes to CR.248.009—this is the right-hand case end.

Dial scale code number changes from CS.412.331 to CS.412.362.

Audio feedback was removed from the receiver. R13 and R14 were deleted and potentiometer R8 was returned to chassis.

The value of C18 was changed from 0.001 mF to 0.01 mF 600V paper.

MODEL 134A.

The circuit diagram for Model 134A is published overleaf. Parts lists changes associated with this version are:—

C13 changed from 560 pF to 525 pF mica 2%.

R3 changed from 50,000 ohms to 100,000 ohms ½W carbon.

The screen volts for V2 changed from 35 volts to 50 volts.

On the "Miscellaneous Components" list, the following code number changes are made.

Link, carrying handle	CS.365.252
Spacer, link (carrying handle)	CS.213.600

For all other information refer to Model 134 sheet.

MODEL 134B.

Model 134B is the same as Model 134A except for change in colour of moulded external parts. Items affected and "B" version code numbers are:—

Carrying handle	CR.523.803
Dial support, L.H.	CS.217.212
Dial support, R.H.	CS.217.213
Mounting foot, front	CS.240.028
Mounting foot, rear	CS.240.029
Case end assy., L.H.	CR.248.021
Case end assy., R.H.	CR.248.022

MODEL 134C.

Model 134C is the same as Model 134B except for a change in I.F. transformers. The circuit diagram for this version is published overleaf.

L6	11.5-15.5 ohms	1st I.F.T.	CZ.320.433
L7	12.5-16.5 ohms		
L10	12.5-16.5 ohms	2nd I.F.T.	CZ.320.433
L11	11.5-15.5 ohms		

R5 changes from 100,000 ohms to 82,000 ohms ½W 10% carbon.

Screen voltage of V1 and V3 changed to 30 volts.

MODEL 134D.

Model 134D is the same as Model 134C except for a change in I.F. transformers, speaker and speaker transformer. The circuit diagram for this version is published overleaf.

L6	8.0-9.0 ohms	1st I.F.T.	CZ.320.443
L7	9.8-11.2 ohms		
L10	9.8-11.2 ohms	2nd I.F.T.	CZ.320.443
L11	8.0-9.0 ohms		
L12		Output transformer (8,000 ohms) type HDB53	
L13			
L14		Speaker	type 6H, F82

R5 changed from 82,000 ohms to 150,000 ohms ½W carbon.

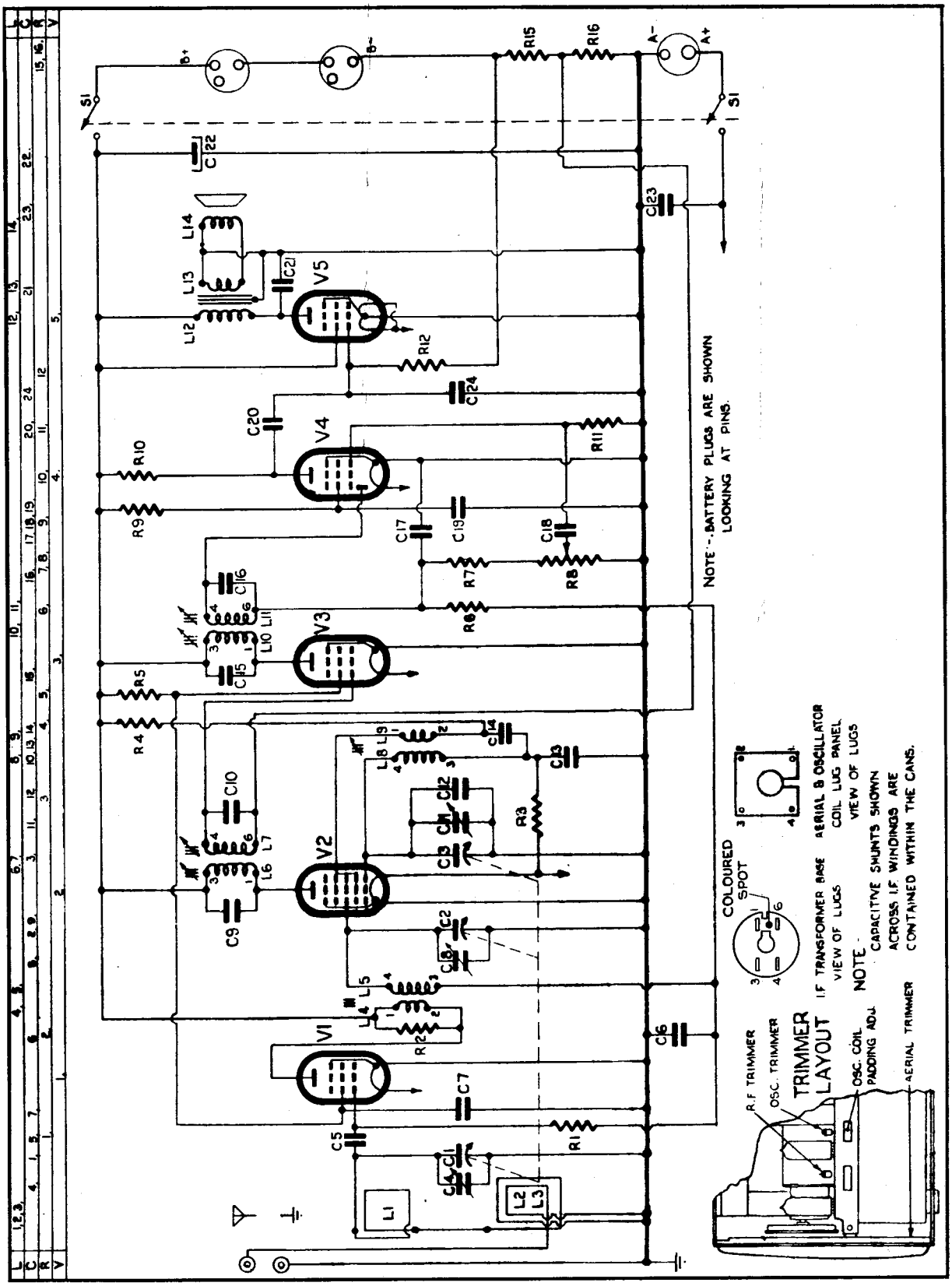
Screen voltage of V1 and V3 changed to 23 volts.

Alignment procedure for the I.F. channel is altered as follows:—

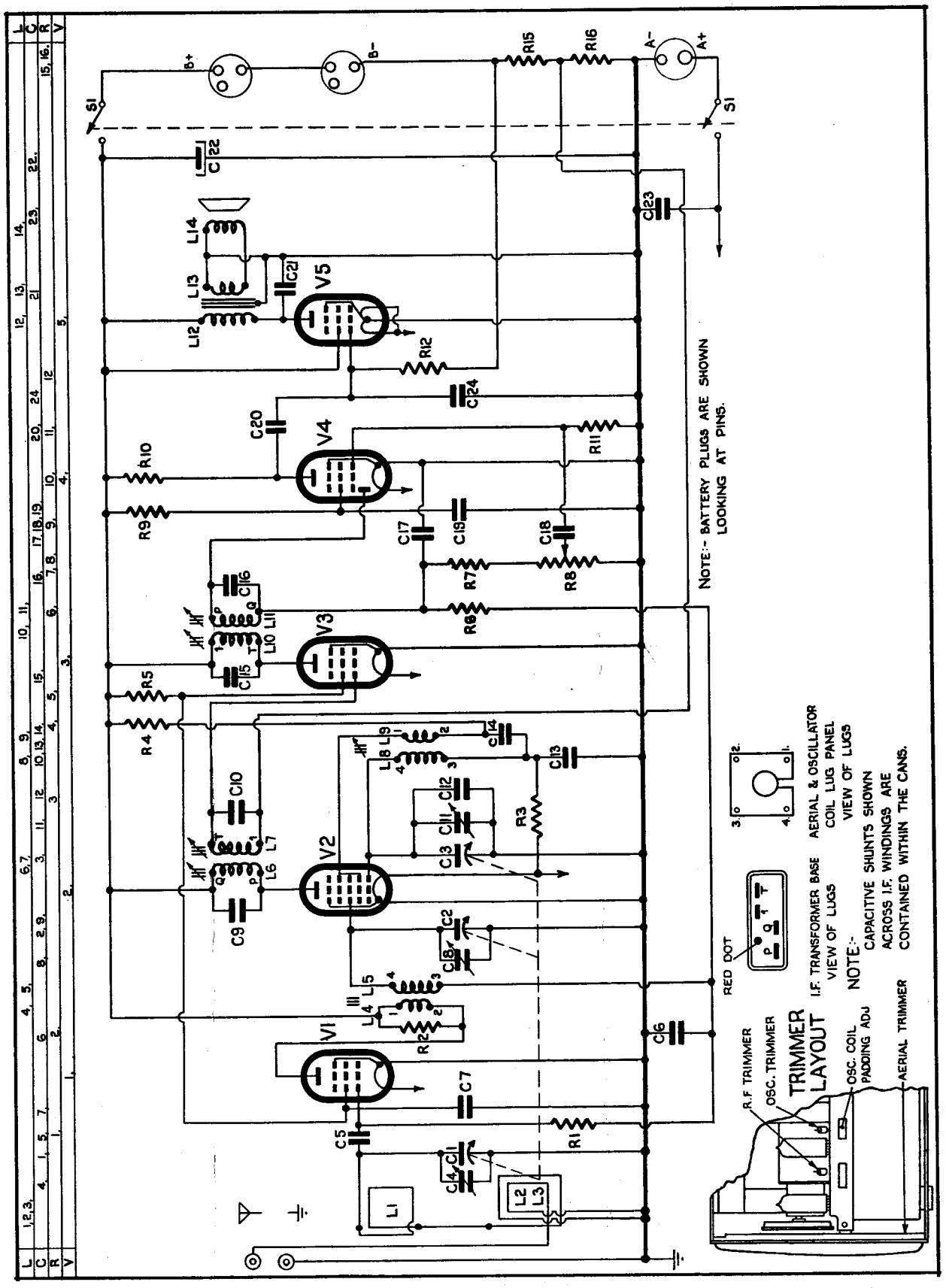
1. Screw IN all slugs except secondary of 2nd I.F.T. by half-turn.
2. Peak slugs in turn—
   Secondary 2nd I.F.T. (nearer V4).
   Primary 2nd I.F.T. (nearer V3).
   Secondary 1st I.F.T. (nearer V3).
   Primary 1st I.F.T. (nearer V2).
3. Repeak primary 2nd I.F.T. only—do not repeak other slugs.

Published by
Philips Electrical Industries Pty. Limited
Sydney — Melbourne — Brisbane — Adelaide — Perth

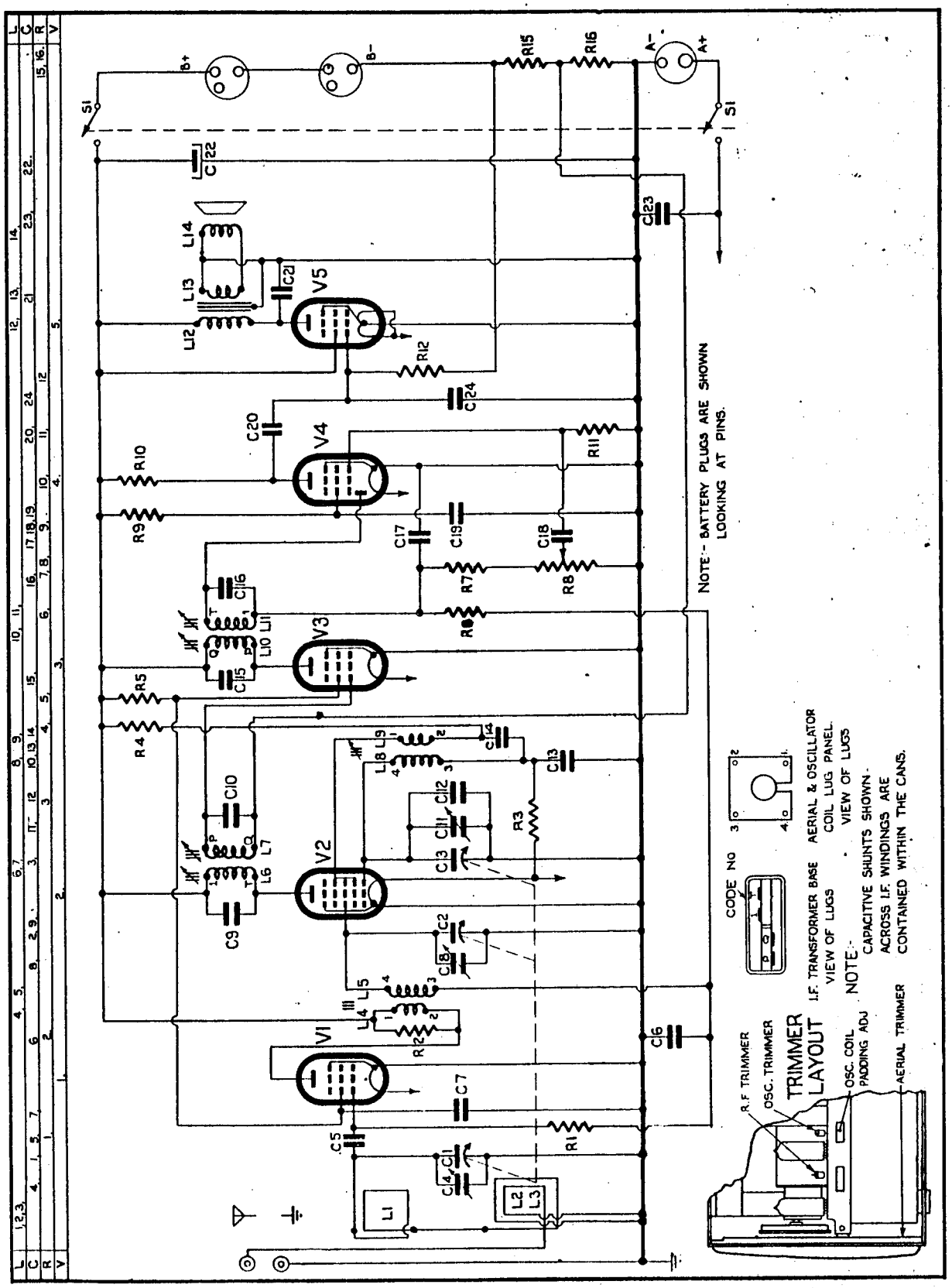
MAY, 1956


B+
B-
A-
A+
S1
S1
R15
R16
C22
C23
L14
L13
L12
C21
V5
R12
C24
C20
V4
R11
R10
R9
C17
C19
C18
R7
R8
R6
C16
L10 L11
C15
V3
R5
R4
C14
L8 L9
C13
C12
C11
C10
R3
L7
L6
C9
V2
C2
C8
L5
L4
R2
V1
C6
C7
C5
R1
C4
C1
L1
L2
L3
NOTE:-BATTERY PLUGS ARE SHOWN LOOKING AT PINS.
COLOURED SPOT
I.F TRANSFORMER BASE VIEW OF LUGS
AERIAL & OSCILLATOR COIL LUG PANEL VIEW OF LUGS
NOTE- CAPACITIVE SHUNTS SHOWN ACROSS I.F WINDINGS ARE CONTAINED WITHIN THE CANS.
TRIMMER LAYOUT
R.F TRIMMER
OSC. TRIMMER
OSC. COIL PADDING ADJ.
AERIAL TRIMMER

MODEL 134A


B+
B-
A-
A+
S1
S1
R15
R16
C22
C23
L14
L13
L12
C21
V5
R12
C24
C20
V4
R11
R10
R9
C17
C19
C18
R7
R8
R6
C16
L10 L11
C15
V3
R5
R4
L8 L9
C14
C13
C10
C12
C11
C13
R3
L7
L6
C9
V2
C2
C8
L5
L4
R2
V1
C7
C5
C4
C1
R1
L1
L2
L3
C6
NOTE:- BATTERY PLUGS ARE SHOWN LOOKING AT PINS.
RED DOT
I.F. TRANSFORMER BASE VIEW OF LUGS
AERIAL & OSCILLATOR COIL LUG PANEL VIEW OF LUGS
NOTE:- CAPACITIVE SHUNTS SHOWN ACROSS I.F. WINDINGS ARE CONTAINED WITHIN THE CANS.
TRIMMER LAYOUT
R.F TRIMMER
OSC. TRIMMER
OSC. COIL PADDING ADJ
AERIAL TRIMMER

MODEL 134C


B+
B-
A-
A+
S1
S1
R15
R16
C22
C23
L14
L13
L12
C21
V5
R12
C24
C20
V4
R11
R10
R9
C17
C19
C18
R7
R8
R6
C16
L10 L11
C15
V3
R5
R4
L8 L9
C14
C13
C12
C11
C13
R3
C10
L6 L7
C9
V2
C2
C8
L5
L4
R2
V1
C6
C7
C5
R1
C4 C1
L1
L2
L3
NOTE:- BATTERY PLUGS ARE SHOWN LOOKING AT PINS.
CODE NO
I.F. TRANSFORMER BASE VIEW OF LUGS
AERIAL & OSCILLATOR COIL LUG PANEL. VIEW OF LUGS
NOTE:- CAPACITIVE SHUNTS SHOWN. ACROSS I.F. WINDINGS ARE CONTAINED WITHIN THE CANS.
TRIMMER LAYOUT
R.F TRIMMER
OSC. TRIMMER
OSC. COIL PADDING ADJ
AERIAL TRIMMER
MODEL 134D