

Fig. 8 Parts Arrangement & Wiring

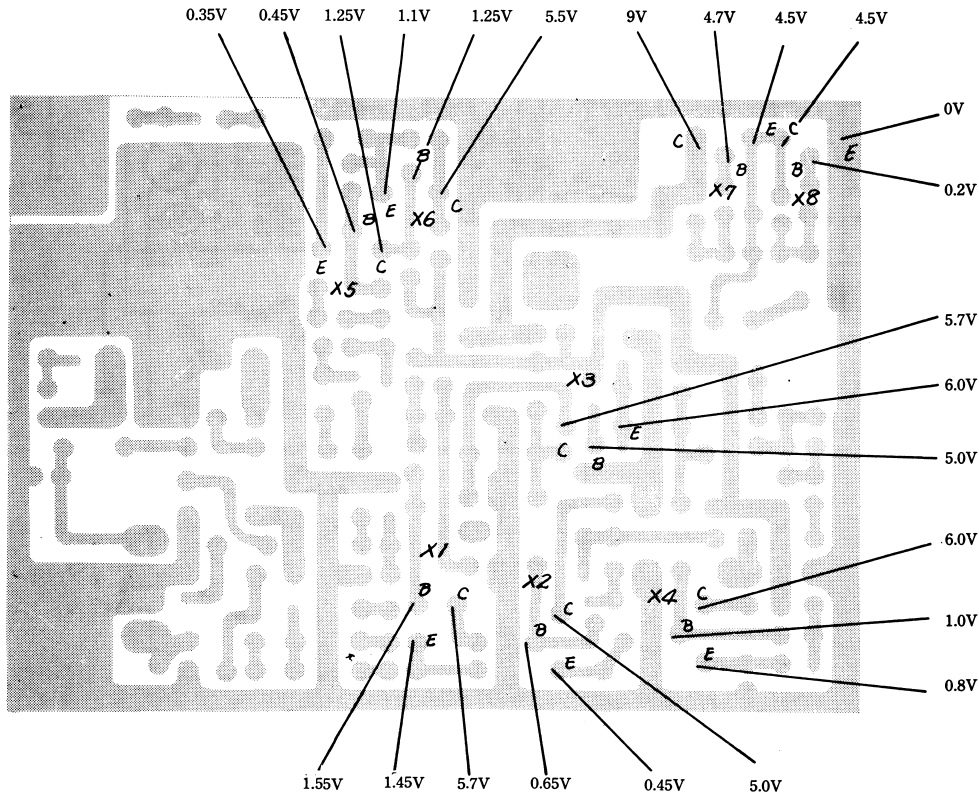
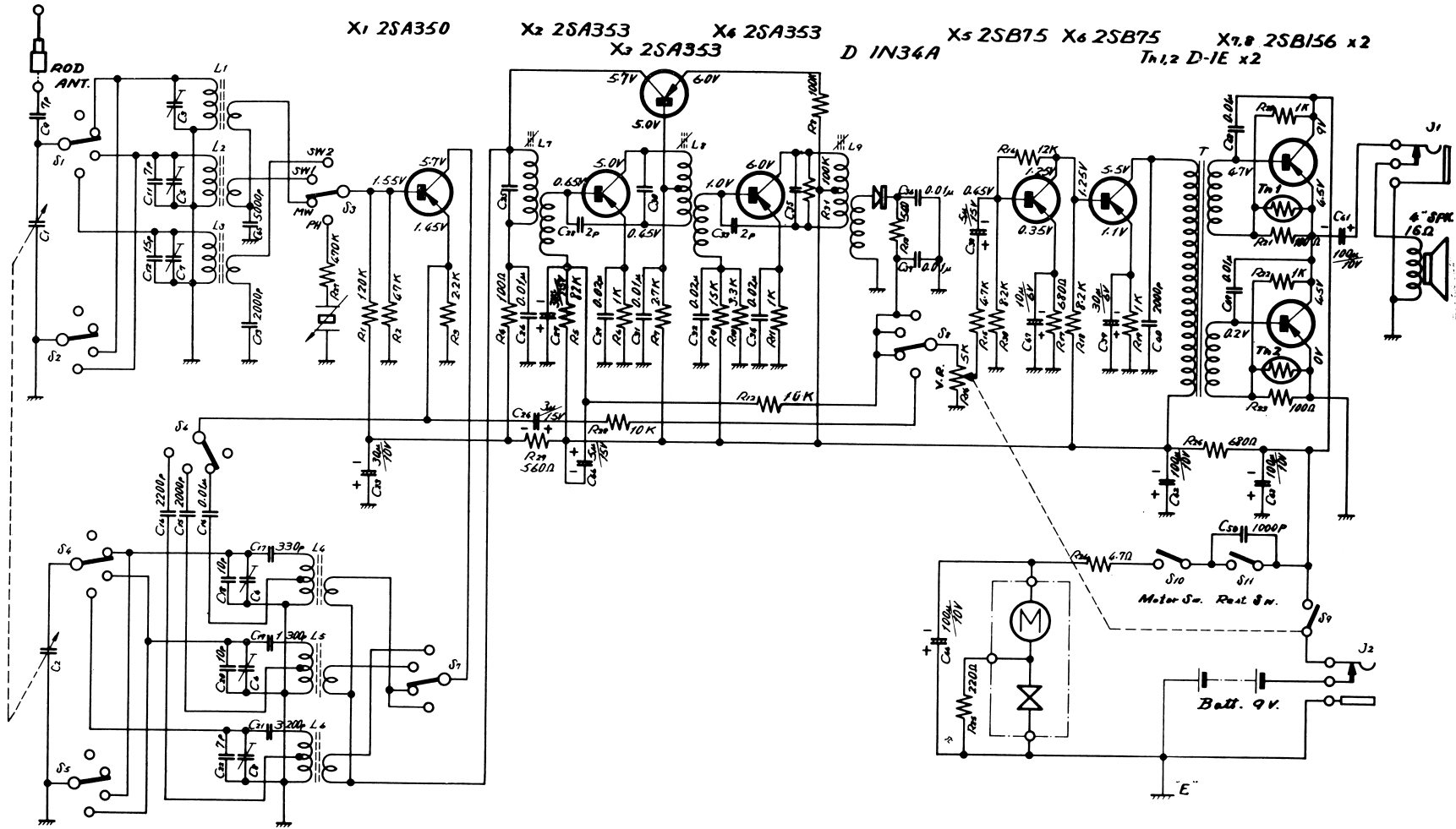


Fig. 7 Main Print Circuit Voltages



Notes: 1. Schematic diagram is shown with select switch ($S_1 \sim S_8$) in MW position.

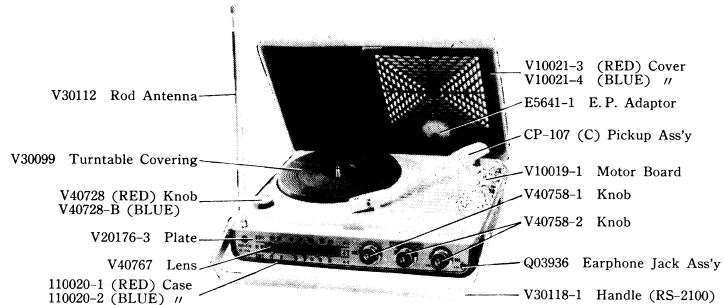
2. Voltages indicated are approx and negative with respect to chassis, measured with "V. T. V. M." under no signal conditions on MW band with volume control set to zero.

Schematic Diagram Model RS-2100, RS-2100T



NIVICO

SERVICE NOTE



MODEL RS-2100, RS-2100T

3 BAND TRANSISTOR RADIO PHONOGRAPH

DIMENSIONS : H-3 1/8", W-11 1/4", D-8 5/8" WEIGHT : 4.7 lbs (With Batteries)

SPECIFICATIONS

Type : 8 Transistor 3 Band Radio Phonograph
 Frequency Range : MW 540~1600KC
 SW1 2.3~6.2MC
 SW2 7.1~18MC
 Intermediate Frequency : 455KC
 Transistor : X1 2SA350 Converter & Impedance Converter
 X2 2SA353 I. F. Amp.
 X3 2SA353 Overload A. G. C.
 X4 2SA353 I. F. Amp.
 X5 2SB75 Audio Amp.
 X6 2SB75 Audio Driver
 X7 2SB156 } Power Amp.
 X8 2SB156 }
 Diode : D 1N34A Detector & A. G. C.
 Thermistor : Th1 D-1E } Automatic Temperature Control
 Th2 D-1E }
 Antenna : Ferrite Core Antenna (For MW & SW1)
 Rod Antenna (For SW2)
 Output Power : 1W
 Pickup : Ceramic Pickup with Sapphire Stylus, Stylus Pressure 8 gr.
 Motor : 3 Speeds D. C. Phono Motor (33 1/3, 45, 78r. p. m.)
 Turntable : 5 1/2" with Covering
 Speaker : 4" P. M. Speaker
 External Jacks : Earphone Jack
 A. C. Adaptor Jack
 Power Source : D. C. 9V. JIS UM-1 (Size ASA Designation
 "D" Cell or Equivalent) x 6pcs.
 A. C. Adaptor (Model AA-2E) connectable

VICTOR COMPANY OF JAPAN, LTD.

TO REGULATE THE SET

RADIO

Power Supply : D. C. 9V
 VOLUME CONTROL : Maximum
 Output : Both terminals of speaker voice coil
 Input : Test oscillator, 1000% 30% modulation

Step	Frequency Band	Input		Places to be aligned	Set the V. Cap. to ~
		Frequency	Given to		
1	MW	455KC	X1 Base through 0.01μF	L7, 8, 9	Min. Capacity
2	MW	530KC	Std. Loop Antenna	L4	Max. Capacity
3		1650KC		C4	Min. Capacity
4		620KC		L1	620KC Signal
5		1400KC		C3	1400KC Signal
6		Repeat step 2, 3, 4, 5			
7	SW1	2.2MC	Std. Loop Antenna	L5	Max. Capacity
8		6.5MC		C6	Min. Capacity
9		2.3MC		L2	2.3MC Signal
10		6.2MC		C5	6.2MC Signal
11	Repeat step 7, 8, 9 & 10				
12	SW2	6.9MC	Dummy Antenna	L6	Max. Capacity
13		19MC		C8	Min. Capacity
14		7.1MC		L3	7.1MC Signal
15		18MC		C7	18MC Signal
16	Repeat step 12, 13, 14 & 15				

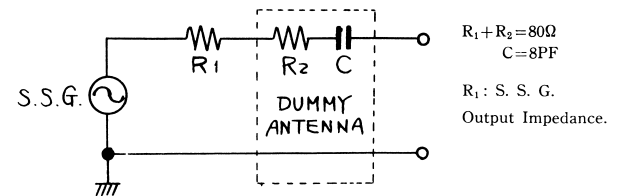


Fig. 4

※ When aligning SW2 band, disconnect the soldered point of antenna lead wire and rod antenna terminal, and then connect the antenna lead wire with the output side of dummy antenna.