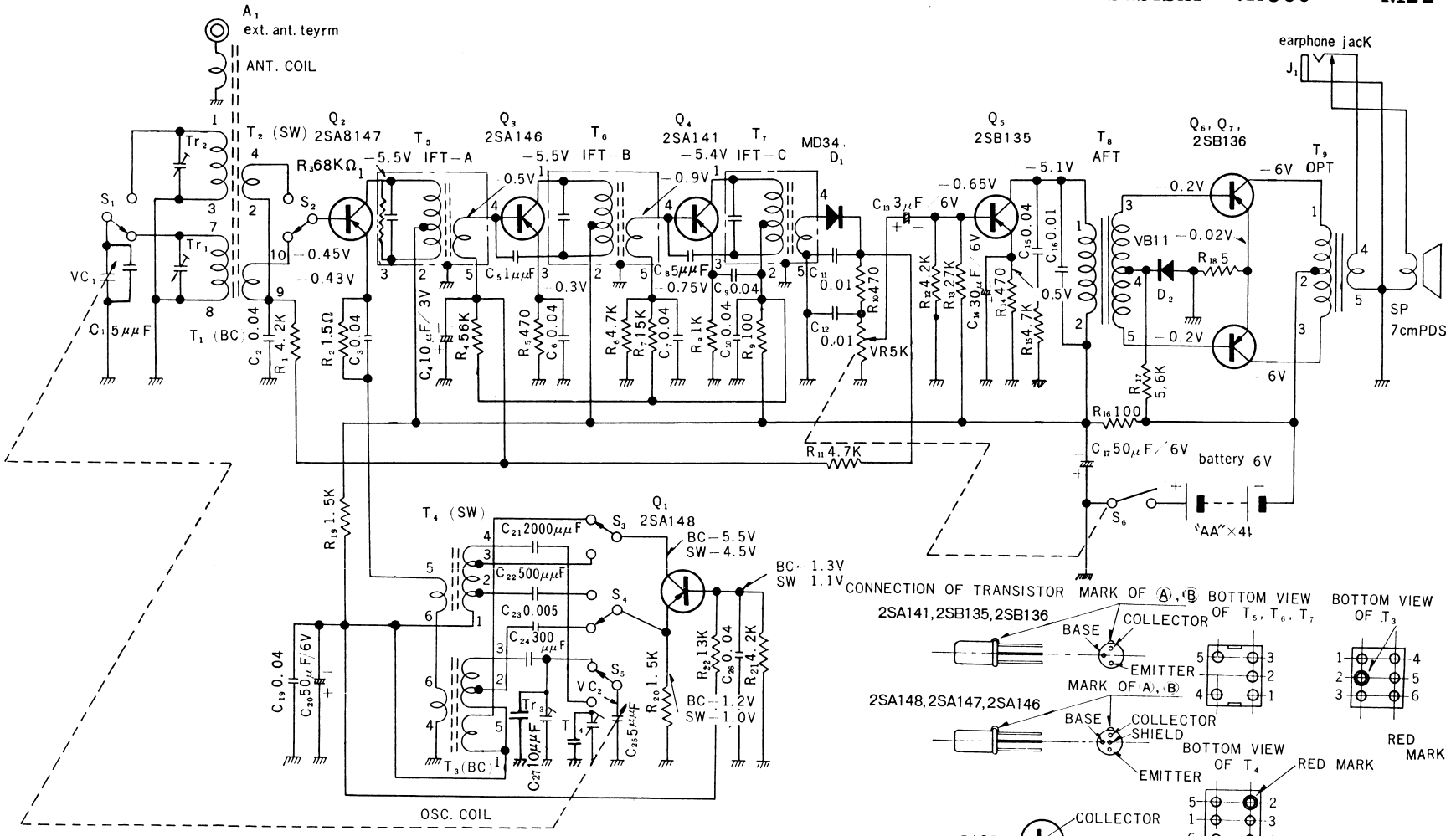
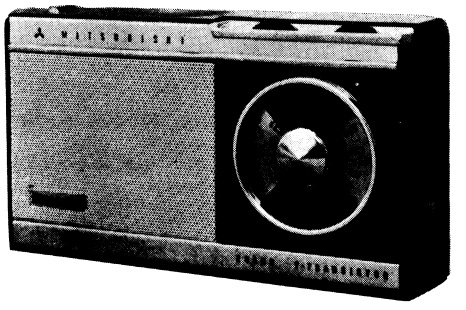
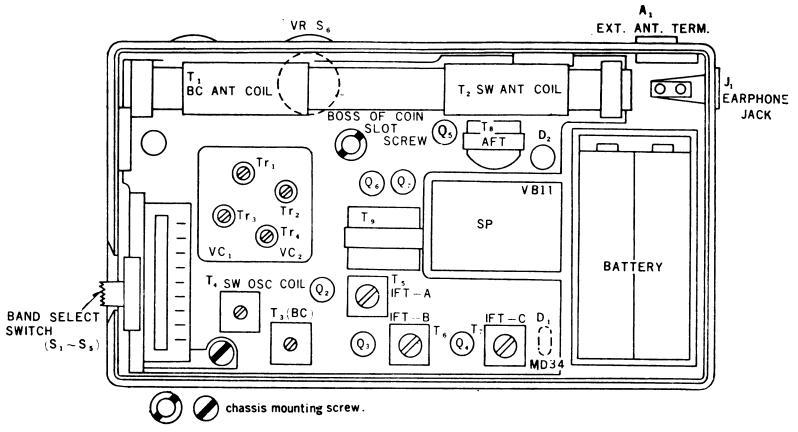
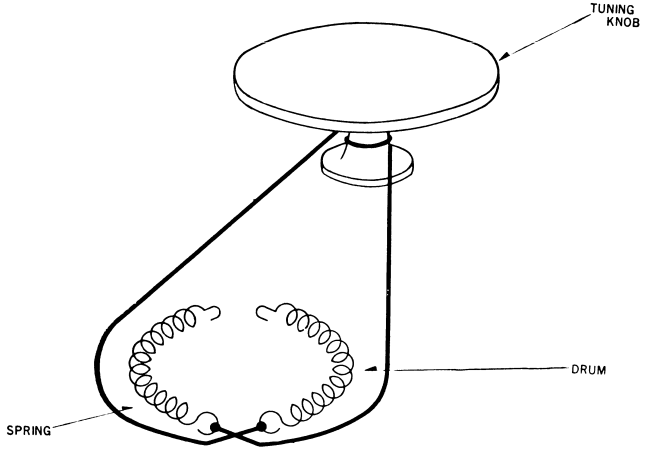


NOTES 1. S_1, S_2, S_3, S_4 and S_5 are band select switches and now indicate BC connction.
2. All capaciors are in microfarads, and resistors in ohms unless otherwise speccified. K=10^3ohms.
3. Voltage measurements made with a V. T. V. M. from point indicafed to battery (+)
4. With no signal and at minimum volutrol. total batterY drain should be approx. 8mA (D.C.)





Chassis Component View



Dial String Diagram

ALIGNMENT PROCEDURES

Procedures	Circuits to be adjusted	Band selector switch	Connecting points of the test oscillator	Frequency of the test oscillator	Indication of dial	Parts to be adjusted	Remarks
1	IF	BC	A capacitor of 5–10pF is series connected to the external antenna terminal	455 kc	At a position in the vicinity of 1600 kc	Core of IFT-C (T_7)	By repeatedly carrying out these procedures, the cores are so adjusted that their attenuation in the proximity of ± 10kc may be equalized to each other.
2						Core of IFT-B (T_6)	
3						Core of IFT-A (T_5)	
4						Procedures 1-3 are repeated.	
5	BC	BC	ditto	600 kc	600 kc	Core of the oscillator coil T_3.	These parts are repeatedly adjusted so that the output voltage may become maximum.
6	Oscillator			600 kc	600 kc	Coil of the antenna coil T_1.	
7				1400 kc	1400 kc	Oscillator trimmer Tr_3.	
8	Tuning			1400 kc	1400 kc	Antenna trimmer Tr_1.	
9				600, 1400 kc	600, 1400 kc	Procedures 5–8 are repeated.	
10	SW	SW	ditto	4Mc	4Mc	Core of the oscillator coil T_4.	ditto
11	Oscillator			4Mc	4Mc	Coil of the antenna coil T_2.	
12				10Mc	10Mc	Oscillator trimmer Tr_4.	
13	Tuning			10Mc	10Mc	Antenna trimmer Tr_2.	
14						Procedures 10–13 are repeated.	

HINTS on the Alignment

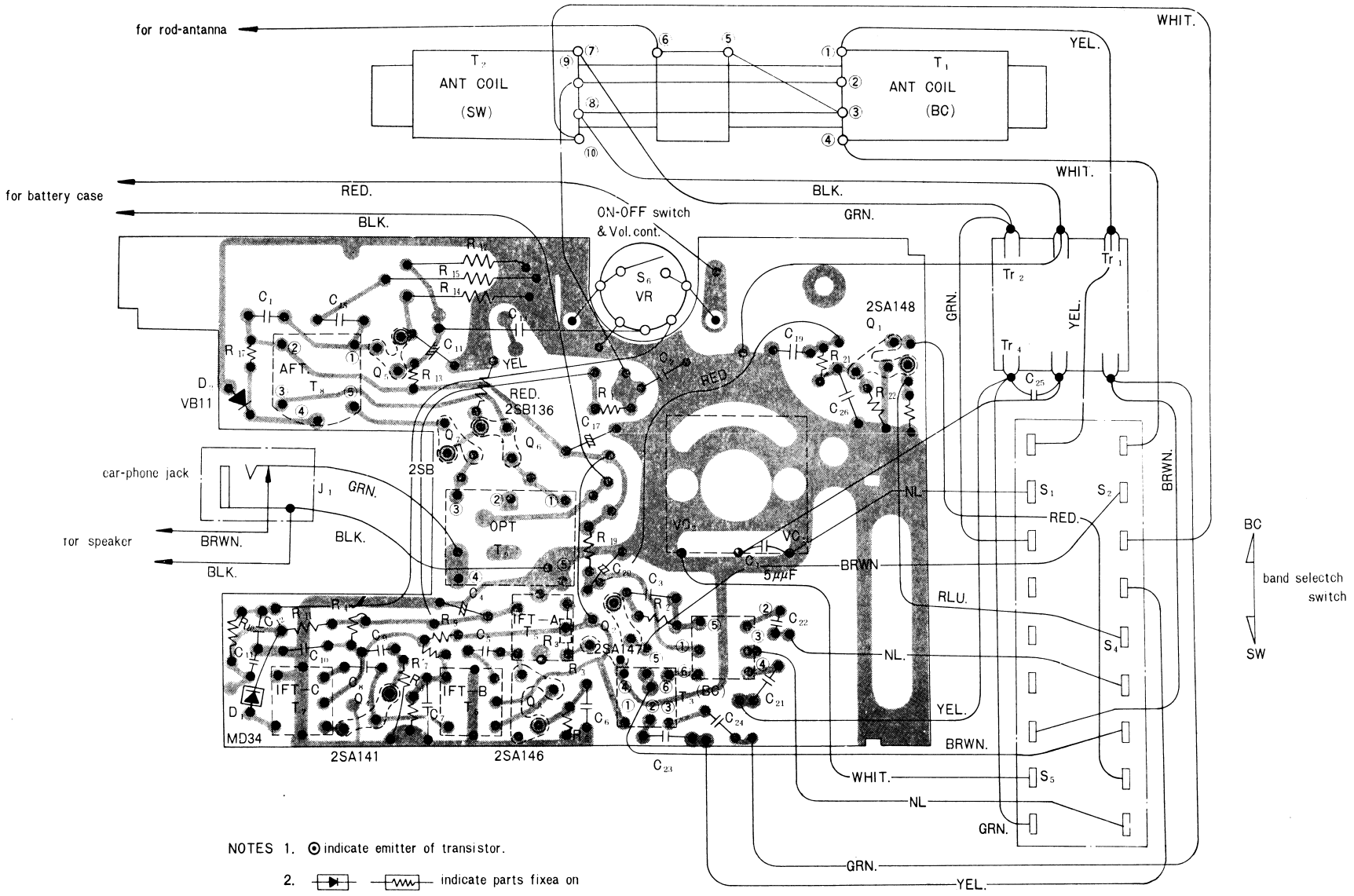
1) The output of the test oscillator should be made as small as possible, with the volume of the radio receiver kept maximum.

2) In case conditions are poor because of a broadcast in the vicinity of the frequency to be adjusted, adjustment should be carried out by slightly slipping the frequeecy of the test cscillator and the frequency indicated on the dial in connection with each other.

3) When especially adjusting the frequency of 10Mc in case of SW, attention

M22

MITSUBISHI Model 7X-560

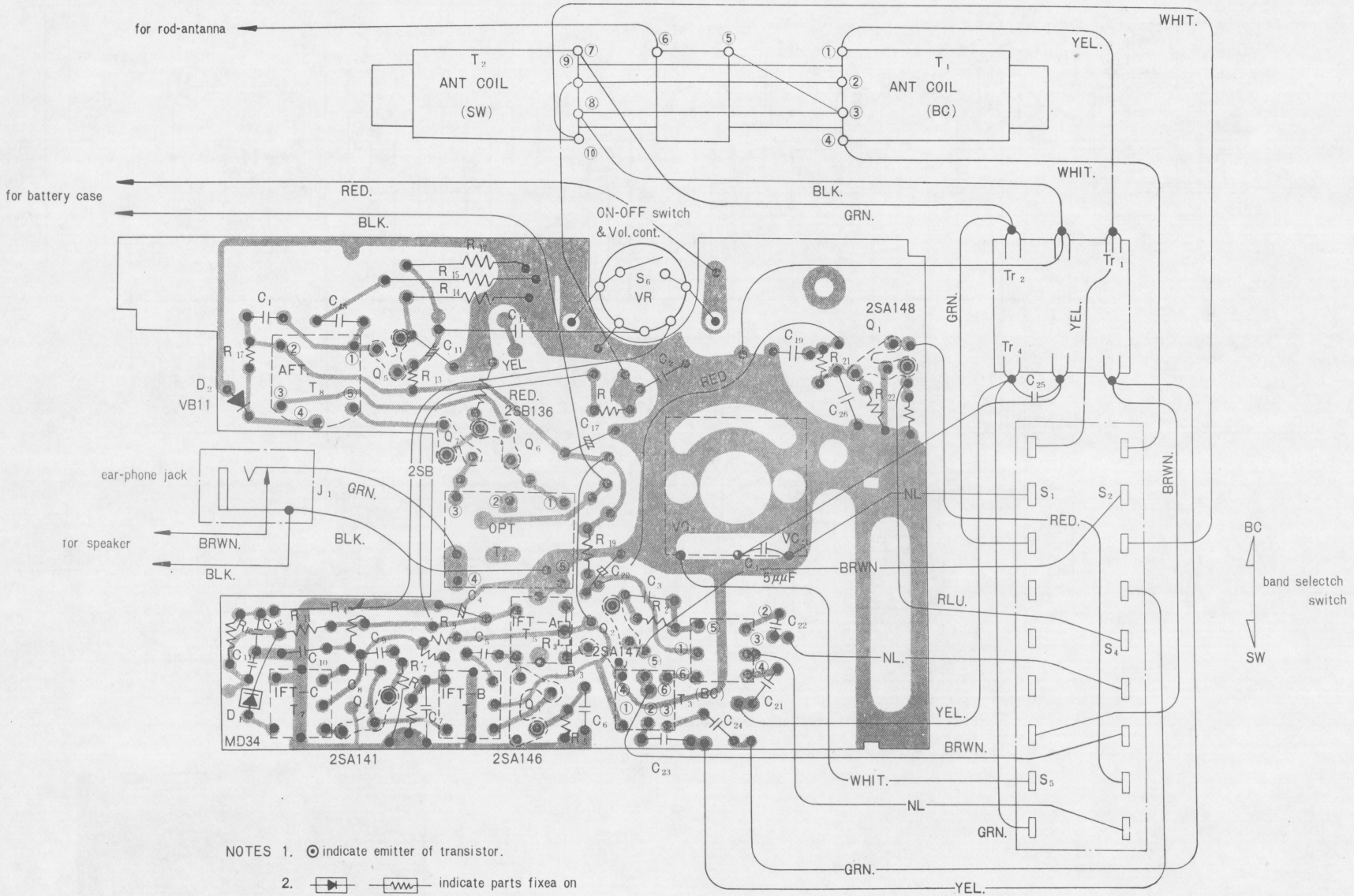


NOTES 1. ⊙ indicate emitter of transistor.

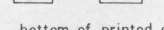
2. ▷| —/\/\/\— indicate parts fixea on bottom of printed circuit chassis.

M22

MITSUBISHI Model 7X-560



NOTES 1. ⊙ indicate emitter of transistor.

2.  indicate parts fixea on bottom of printed circuit chassis.