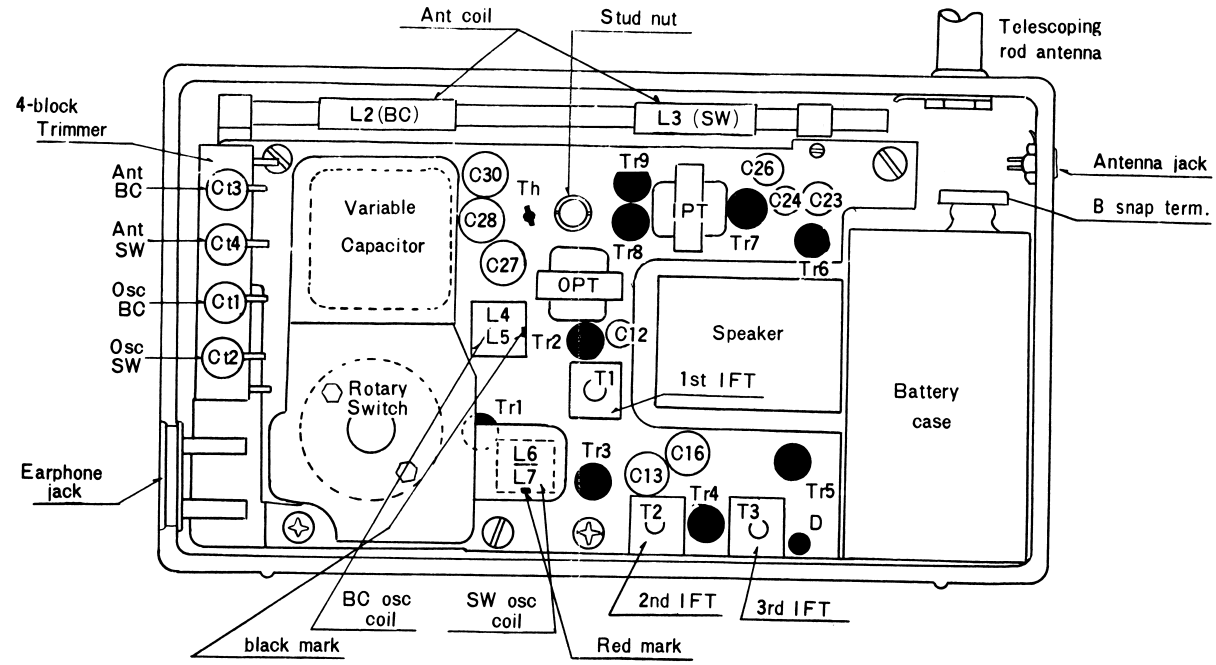
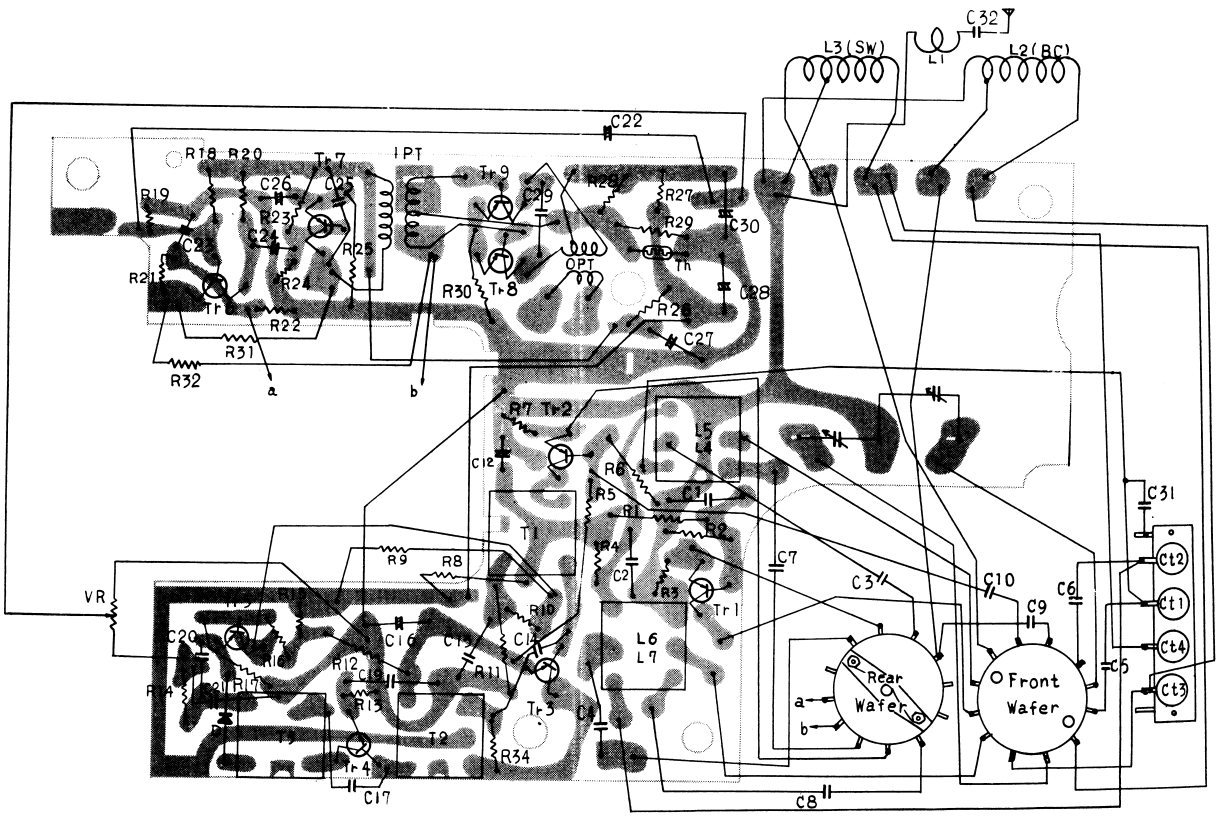
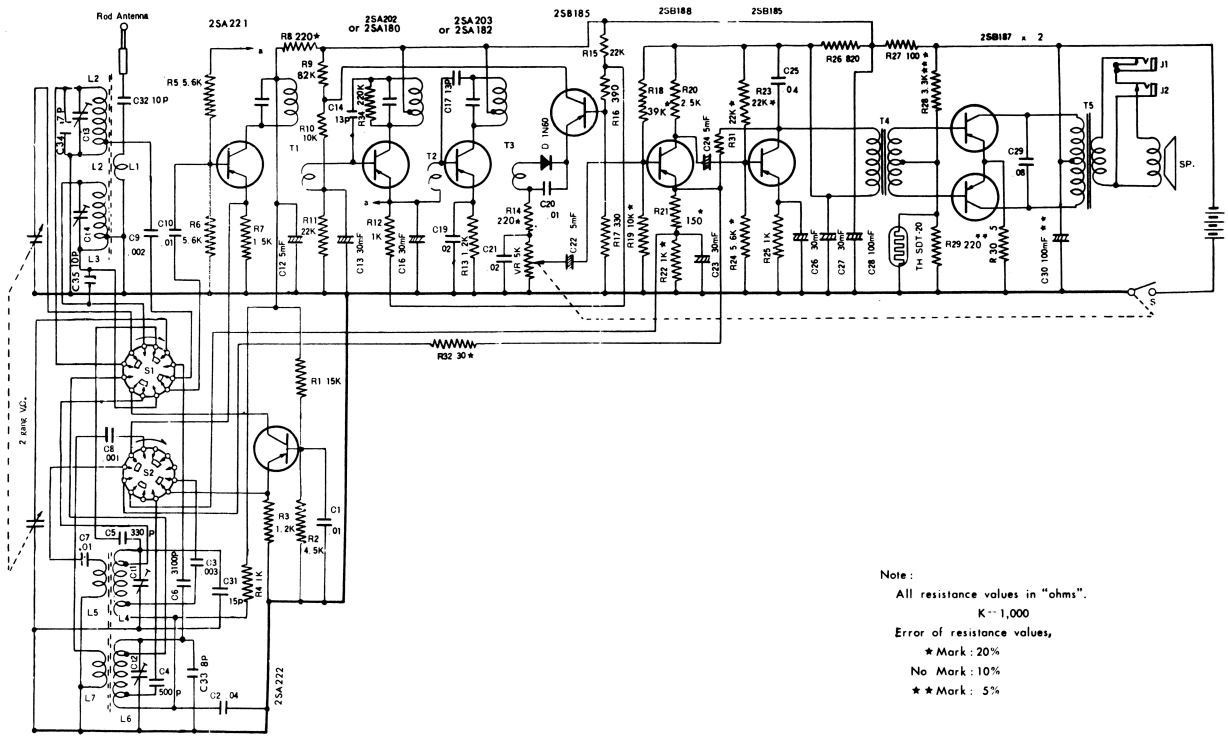
MAIN PARTS LAYOUT



INTER-PARTS WIRING ILLUSTRATION



CIRCUIT DIAGRAM



ALIGNMENT PROCEDURES

Apply volt-meter across the voice coil. Volume control should be at maximum position. Output of signal generator should be no higher than necessary to obtain output reading in order to avoid AGC function.

STEP	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	ADJUST FOR MAXIMUM OUTPUT
IF ALIGNMENT (Set band selector to broadcast)				
1	High side through 0.1 mf capacitor to antenna stator lug on tuning gang. Low side to chassis.	455 kc	lower end	IF transformer T 3 T 2 T 1
BROADCAST RF ALIGNMENT				
2	Fashion loop of several turns of wire and radiate signal into loop antenna.	530 kc	lower end	BC osc coil L4
3		1650 kc	upper end	BC osc trimmer Ct1
4		Repeat steps 2 and 3.		
5		600 kc	600 kc	BC ant coil L2
6		1400 kc	1400 kc	BC ant trimmer Ct3
7		Repeat steps 5 and 6.		
SHORTWAVE RF ALIGNMENT				
8	Fashion loop of several turns of wire and radiate signal into loop antenna.	5.8 mc	lower end	SW osc coil L6
9		18.5 mc	upper end	SW osc trimmer Ct2
10		Repeat steps 8 and 9.		
11		6.5 mc	6.5 mc	SW ant coil L3
12		17.5 mc	17.5 mc	SW ant trimmer Ct4
13		Repeat steps 11 and 12.		