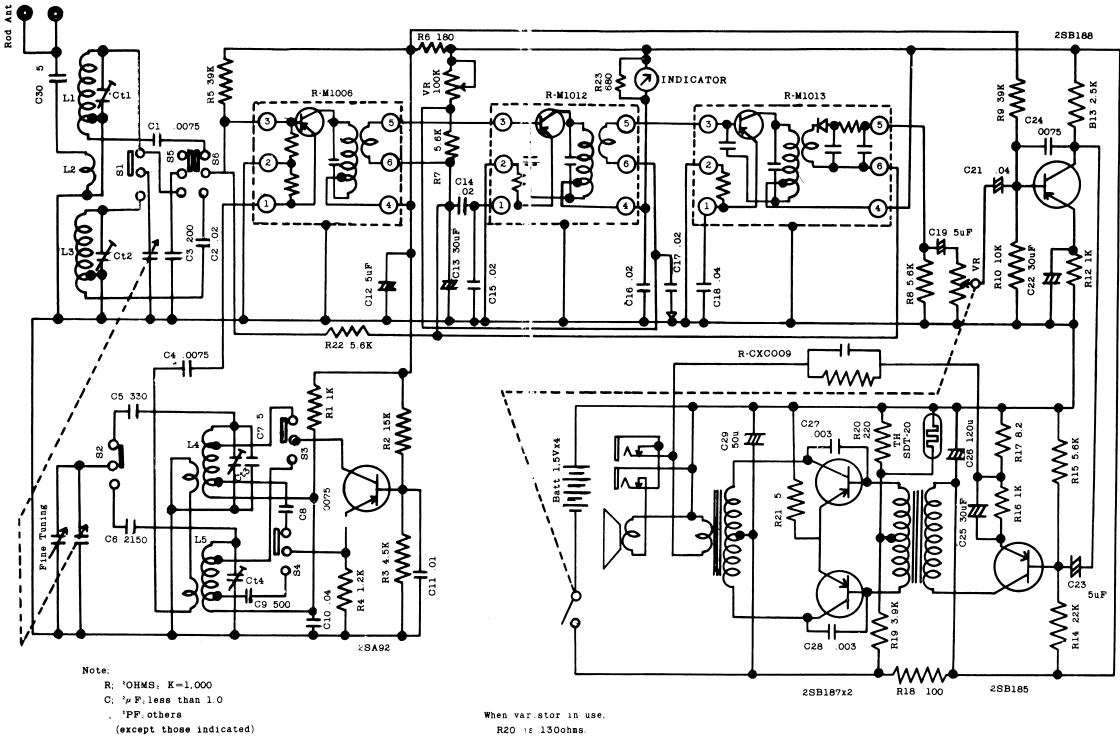




## Model 8S-P18 Circuit Diagram



## ALIGNMENT PROCEDURES

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

STEP	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	ADJUST FOR MAXIMUM OUTPUT
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### IF ALIGNMENT

1	Positive side 0.1 $\mu$ F capacitor in series to antenna stator lug on variable capacitor. Negative side to chassis.	455 kc	Quiet point near 540 kc	RM-1013 RM-1012 RM-1006
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### BROADCAST RF ALIGNMENT

2	Fashion loop of 2 to 3 turns of wire and radiate signal into loop antenna	600 kc	600 kc	BC osc. coil L 4
3		1400 kc	1400 kc	BC osc. trimmer Ct 3
4		Repeat Step 2 and 3.		
5		630 kc	600 kc	BC ant. coil L 1
6		1400 kc	1400 kc	BC ant. trimmer Ct 1
7		Repeat Step 5 and 6.		

### SHORTWAVE RF ALIGNMENT

8	Fashion loop of 2 to 3 turns of wire and radiate signal into loop antenna.	4 mc	4 mc	SW osc. coil L 5
9		11 mc	11 mc	SW osc. trimmer Ct 4
10		Repeat Step 8 and 9.		
11		4 mc	4 mc	SW ant. coil L 3
12		11 mc	11 mc	SW ant. trimmer Ct 2
13		Repeat Step 11 and 12.		