



### ALIGNMENT PROCEDURE

Step	SIGNAL GENERATOR		TUNING CAPACITORS	V. T. V. M.		ADJUST
	Frequency	Connection		Range	Connection	
1.	455 KC	High side to pin 7 of 12BE6 through a 1,000 mmf. capacitor, low side to B-minus (negative terminal of electrolytic capacitor C-16).	Fully closed (low end of band).	-25 Volts D.C.	High side to AGC line (frame of tuning capacitor), common leads to B-minus.	T-4 Top T-4 Bottom T-3 Top T-3 Bottom Adjust for maximum output in order given.
2.	1640 KC	Form loop of several turns of wire and radiate signal into receiver.	Fully open (high end of band).	As above	As Above.	CT-B (Osc. Trimmer)
3.	1400 KC	As above.	Tune for strongest 1400 KC signal.	As above.	As Above.	CT-A (R-F. Trimmer)

### CONDITIONS FOR VOLTAGE MEASUREMENTS.

- Voltage measurements taken with:
- Line voltage maintained at 120 volts a.c.
  - Loudness control set for minimum volume.
  - Variable condenser fully closed and no signal applied.
  - Record changer in OFF position.
  - Selector switch in radio position.

All measurements taken between points shown and B-minus (unless otherwise indicated), using an RCA VoltOhmyst or equivalent VTVM.

Normal component tolerances may cause variations of ±10% in readings obtained, which should be considered as being within limits.

# Emerson

MODEL: P-1923  
 CHASSIS: 120670