

DU MONT

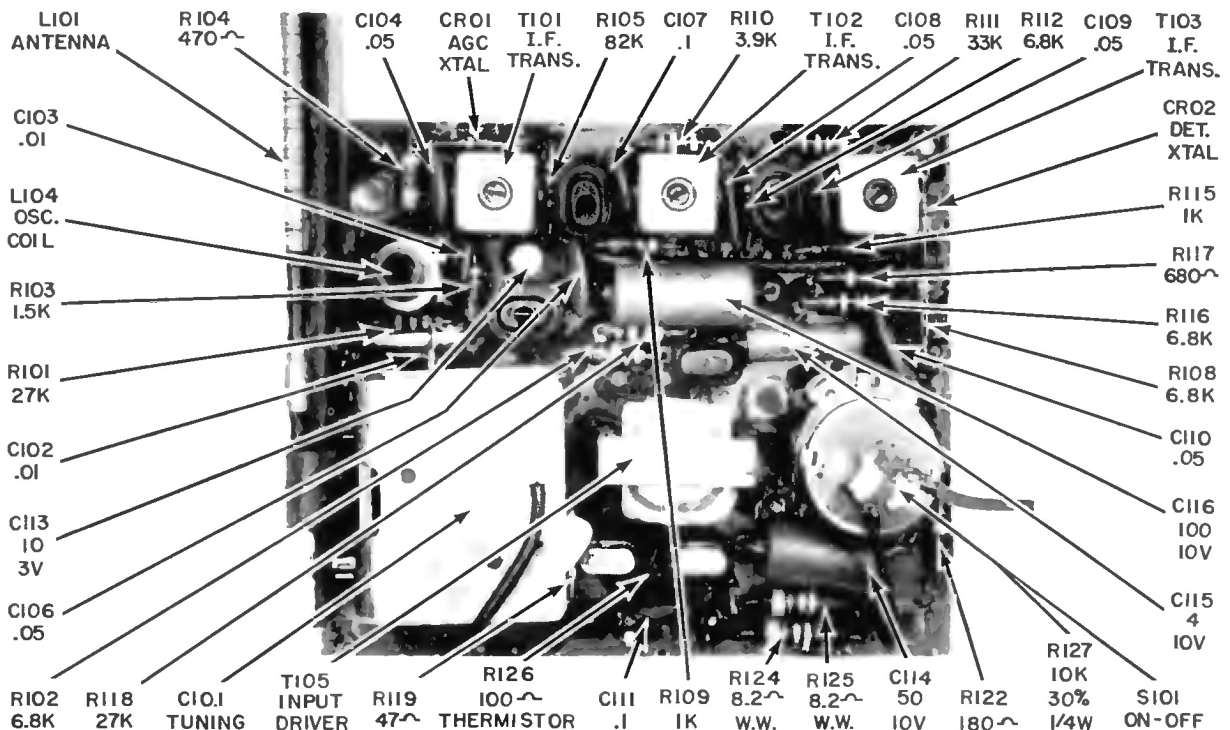
MODEL 1210 (RA-902)

ALIGNMENT INSTRUCTIONS

Turn volume control fully clockwise. Adjust the generator for the lowest signal necessary to obtain an output reading (no more than .5 volts across speaker voice coil). Make all adjustments with an insulated alignment tool. Caution: Do not remove or insert transistors while power is on.

Step	Signal Generator		Tuning Capacitor Setting	Output Meter Connection	Adjust
	Frequency	Connect to			
1	455 KC 400 cps AM Mod.	Loop, of several turns of wire placed near AM antenna	Maximum Capacity	AC meter across speaker voice coil	I. F. Transformers T103, T102 and T101 in this order for maximum output indication. Repeat once.
2	1620 KC 400 cps AM Mod.	As Above	Minimum Capacity		Oscillator trimmer capacitor of C101B until signal is heard, but don't attempt to tune for peak output. Note: If signal cannot be heard adjust antenna trimmer capacitor of C101A.
3	As Above	As Above, except move loop several feet away for very weak signal.	As Above		Antenna trimmer capacitor of C101A for maximum signal output. Retouch oscillator trimmer for maximum output.
4	600 KC 400 cps AM Mod.	As Above	Set tuning dial for strongest 600 KC signal		Oscillator coil, L102, rocking tuning capacitor back and forth until signal reaches maximum.
5	1400 KC 400 cps AM Mod.	As Above	Set tuning dial for strongest 1400 KC signal		Antenna trimmer capacitor of C101A, and at the same time rocking tuning capacitor back and forth until signal reaches maximum. Note: Repeat steps 4 and 5 if necessary.

NOTE: When the chassis and/or battery compartment are reinstalled in the case, tune the radio to a weak AM station above 1400 KC, and retouch the antenna trimmer capacitor, C101A, for peak performance.



Component location view of the Model 1210 "Transistor" portable radio.