

**MODEL
453**

Model 895 circuit is the same as 453 with addition of clock and switch arrangement.

TEST POINT

OUTSIDE TURN OF LOOP USED ON (LP) ONLY

ADJUST FOR MAX @ 1500 KC WHILE ROCKING GANG

ADJUST FOR MAX @ 1620 KC GANG FULLY OPEN

ALIGNMENT NOTE RF

STEP-1 ADJUST C1D
STEP-2 ADJUST C1A
STEP-3 READJUST C1D

IF

INPUT SIGNAL TO TEST POINT
STEP-1 ADJUST L3 WITH 10K RESISTOR
 ACROSS L4-REMOVE RESISTOR
STEP-2 ADJUST L4 WITH 10K RESISTOR
 ACROSS L3- REMOVE RESISTOR

(LP) INDICATES LATE PRODUCTION RECEIVERS
***** AIR CORE ANTENNA USED ON (LP) RECEIVERS

UNLESS OTHERWISE NOTED
 K = 1000 M = 1,000,000
 CAPACITORS MORE THAN 1=MMF
 CAPACITORS LESS THAN 1=MF
 RESISTORS ARE 1/2 WATT
 DC VOLTAGES @ 117V LINE, TO B-

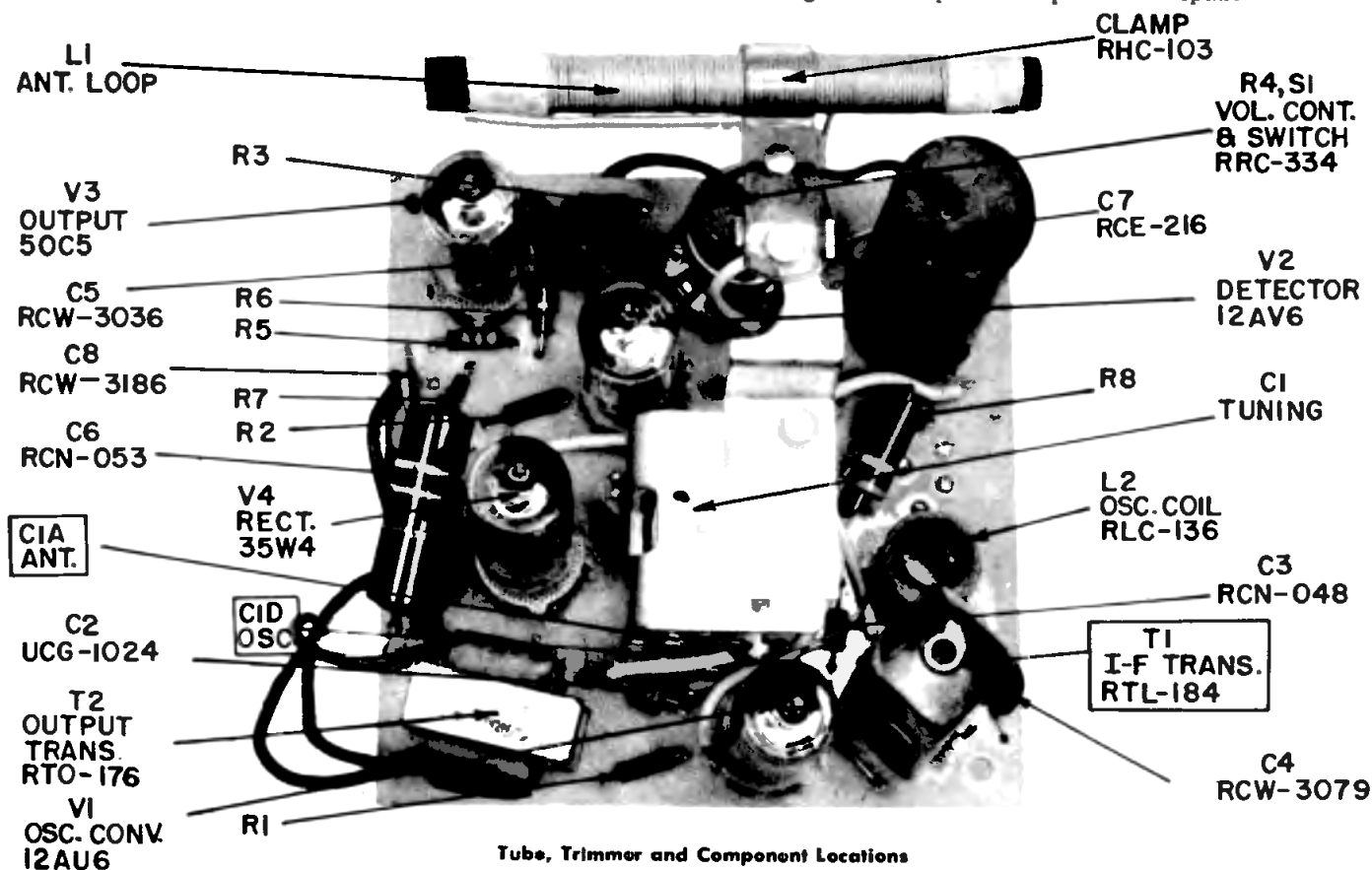
Model 895 circuit is the same as 453 with addition of clock and switch arrangement.

Remove cabinet back and interlock. Remove the five self-tapping screws (hex heads), one on each corner of the chassis, and the single hex-head screw just below the tuning gang capacitor. Pull off the volume control knob. The tuning control knob is captivated to the cabinet, so the chassis must be pulled out of the cabinet, at the same time pulling it off the tuning knob which remains on the cabinet. When pulling out the chassis, first close the tuning capacitor, grasp the capacitor with the thumb and forefinger of one hand and the tuning knob with the other hand and pull. **CAUTION:** It is important to use extreme care while replacing parts and/or soldering on this chassis, as too much heat on the chassis will cause the copper plating to become unbonded. Only apply the soldering iron long enough to melt the solder and pull out the part to be replaced.

Cut the socket free by cutting all of the socket terminals at the chassis. Now, heat each terminal only enough so that the socket may be pushed out. The new socket can now be inserted into the holes left by the old one and soldered into place.

Remove the shaft nut, then cut the center and lower terminals. Apply only enough heat to the upper terminal to pull out the control. Apply heat to the center and lower terminals, so they may be pushed out. The new control may now be inserted into place and soldered.

NOTE: The shield can on T1 may be removed by unfastening the spring clip and lifting the can off the transformer, thereby leaving the coils open for inspection or repair.



Tube, Trimmer and Component Locations