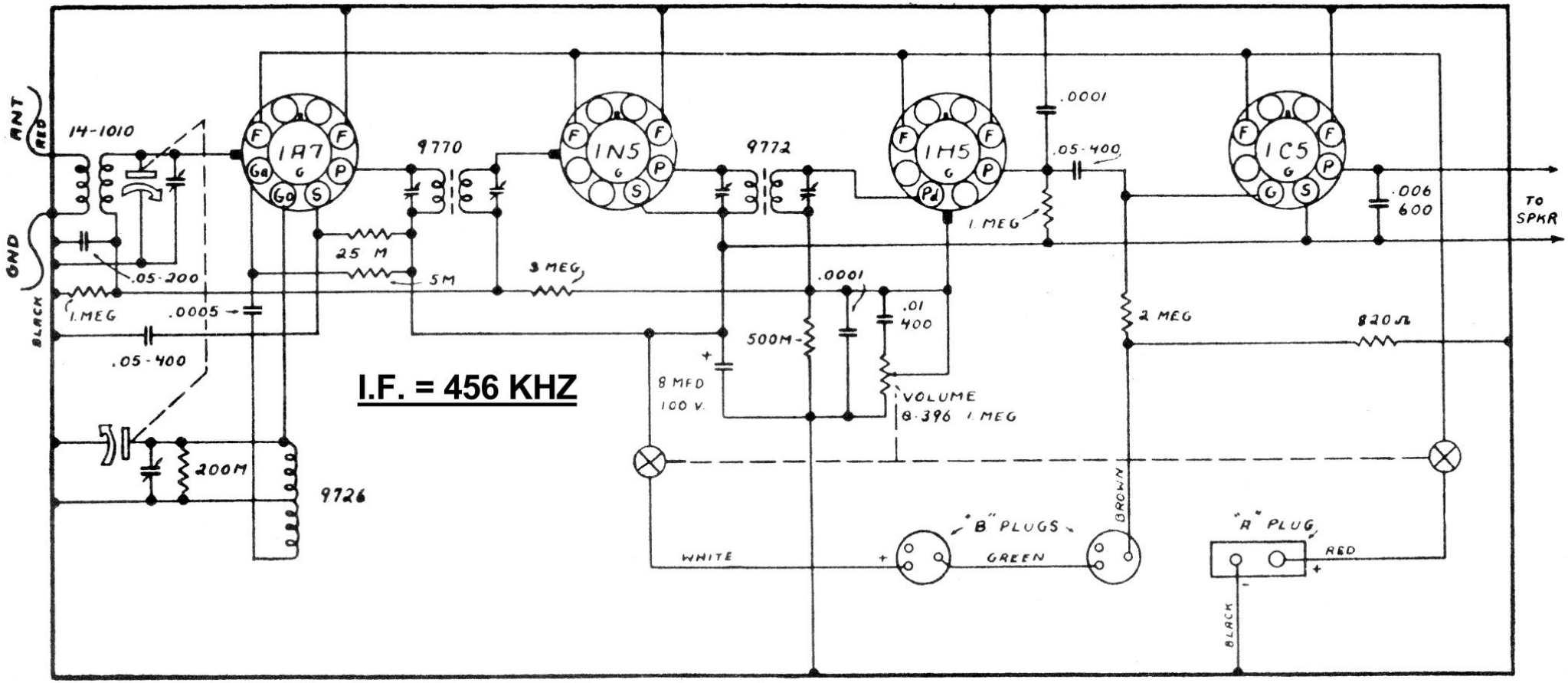
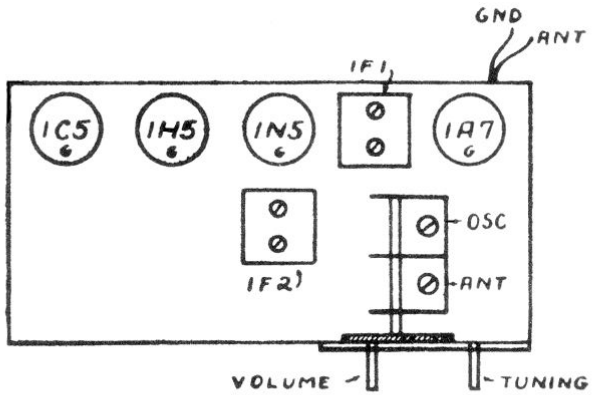


SPEAKER PART NOS

MODEL	PART NO
B-640	Q-402
SBT4	Q-401
SBT5	Q-402
SBT6	Q-402



Crosley B640 Battery Operated Radio

Crosley B640 Battery Radio Alignment Data

Connecting Output Meter:—

Connect the output meter across the "P" and "S" terminals of the 1C5G output tube. Be certain that the meter is protected from D.C. by connecting a condenser (.1 mfd. or larger—not electrolytic) in series with one of the leads.

1. Tuning I.F. Amplifier to 456 Kilocycles:—

(a) Connect the output of the signal generator through a .02 mfd. condenser to the top cap of the 1A7G tube, leaving the tube's grid clip in place. Connect the ground lead from the signal generator to the Ground lead (Black) of the chassis. Keep the generator leads as far as possible from the grid leads of the other screen grid tubes.

(b) Set the station selector so that the tuning condenser plates are completely in mesh and turn the volume control knob full on.

(c) Set the signal generator to 456 kilocycles.

(d) Short out the rear section (Osc.) of the gang condenser.

(e) Adjust the 2nd I.F. transformer for maximum output.

(f) Adjust the 1st I.F. transformer for maximum output.

(g) Check operations (e) and (f) for more accurate adjustments.

(h) Remove temporary short from rear section of gang condenser.

ALWAYS USE THE LOWEST SIGNAL GENERATOR OUTPUT THAT WILL GIVE A REASONABLE OUTPUT METER READING.

2. Aligning R.F. Amplifier:—

When aligning the R.F. amplifier the output lead from the signal generator should be connected through a .00025 mfd. condenser to the Antenna lead (Red).

(a) Set signal generator to 1400 kilocycles.

(b) Set dial pointer to 1400 kilocycles.

(c) Adjust the Osc. trimmer on the rear section of the gang condenser to receive the 1400 kilocycle signal.

(d) Adjust the Ant. trimmer on the front section of the gang condenser for maximum output.

(e) Repeat operations (c) and (d) alternately until no further improvement in output can be obtained.
Note:—No adjustment is necessary at the low frequency end of the dial, as this chassis uses an Osc. tracking section.