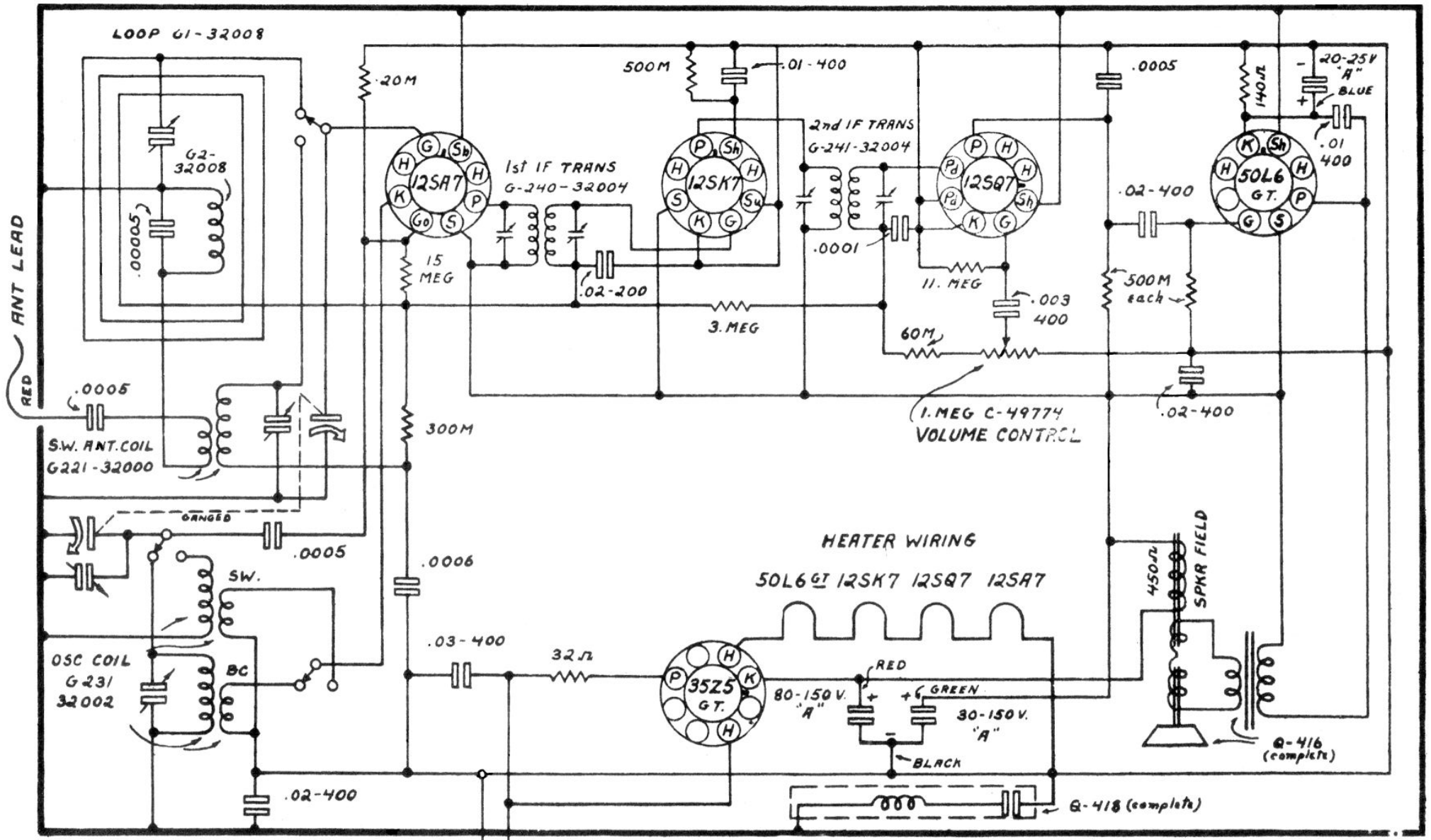

Chassis J13

I.F. = 456 KHZ

NOTE: CONDENSERS "A" 3 - SECTION FILTER PART NO. Q-415

Crosley

1040A, 1040B, 2640, 3040

RCC - Crosley Data Sheet 1 - 1939-40

Crosley 1040A, 1040B, 2640, 3040

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

(a) Connect the output of the signal generator through a .00025 mica condenser to the antenna (Red) lead and the ground lead of of the signal generator to chassis through a .1 tubular condenser (DO NOT CONNECT THIS CHASSIS DIRECT TO GROUND).

(b) Turn the Band Selector switch to the left (Broadcast band).

(c) Turn the station selector so that the tuning condenser plates are completely in mesh and turn the volume control to the right (ON).

(d) Set the Signal generator to 456 Kilocycles.

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

(f) Adjust both trimmers located on top of the 2nd I.F. transformer for maximum output.

(g) Adjust both trimmers located on top of the 1st I.F. transformer for maximum output.

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

If a ripple is noticed during the I.F. Alignment reverse line cord plug in electric outlet.

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

2. Short Wave Band Alignment:—

When aligning the short wave band use a 250-ohm carbon resistor for the dummy antenna.

(a) Chassis bottom must be removed for the following alignment.

(b) Turn band switch to the short wave position (Right) then turn station selector until pointer is in position to receive a 15 Megacycle signal.

(c) Set signal generator to 15 Megacycles.

(d) Adjust S.W. 15 M.C. Osc. shunt trimmer (on rear section of gang condenser) for 15 megacycle signal. This signal will be heard at two settings of this trimmer.

ALWAYS use the setting furthest out.

Note:—Be sure that the signal tuned in is 15 megacycles and not the image which should be heard at approximately 14 megacycles.

(e) Adjust S.W. 15 M.C. Ant. shunt trimmer for maximum output—this is accomplished by rocking the gang condenser until the loudest signal is heard. If the image signal at 14 megacycles is louder than the 15 megacycle signal the proper peak on the ant. shunt trimmer has not been selected. If this is the case, the antenna shunt trimmer should be turned in slightly, then adjust as above by rocking the gang condenser until maximum output is obtained.

3. Broadcast Band Alignment:—

When aligning the broadcast band use a .00025 mica condenser for the dummy antenna.

(a) Turn band switch to the broadcast position (Left).

(b) Turn station selector until pointer is in position to receive a 1400 kilocycle signal.

(c) Set signal generator to 1400 kilocycles.

(d) Adjust B.C. 1400 K.C. Osc. shunt trimmer to receive the 1400 K.C. signal.

(e) Adjust B.C. 1400 K.C. Ant. shunt trimmer for maximum output.

Note:—No adjustment is necessary at the low frequency end of the broadcast band as this chassis uses an Osc. tracking section.