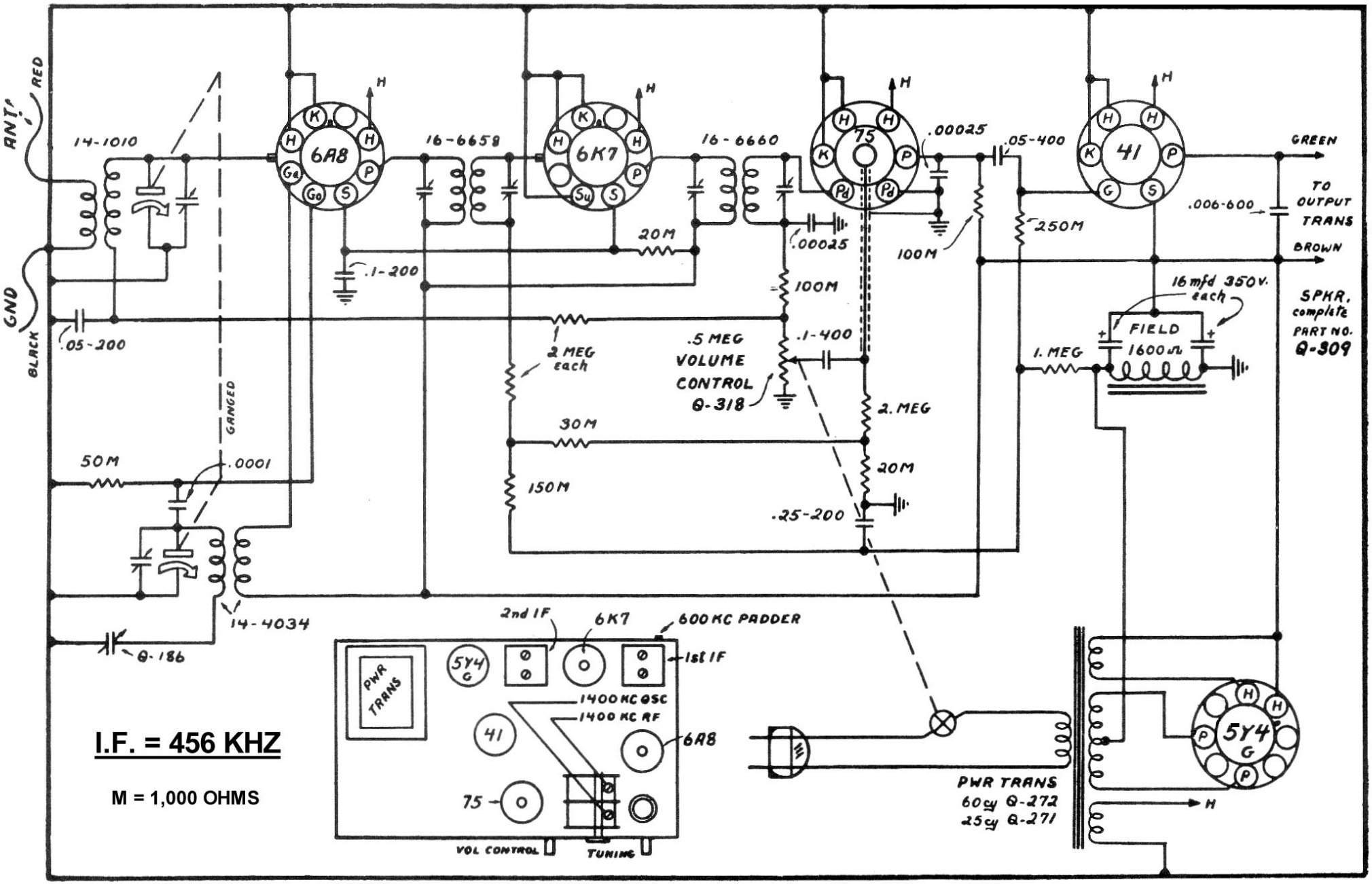

Crosley 1440 A.C. Receiver

Crosley 1440 Alignment Information

Alignment Procedure:—

All the circuits in this receiver are very accurately adjusted at the factory and normally should need no further adjustment. However, if it is definitely known that an adjustment is necessary the circuits can best be properly aligned with the use of a modulated signal generator.

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

(a) Connect the output of the signal generator through a .1 mfd. tubular condenser to the antenna (Red) lead and the ground of the signal generator to the ground (Black) lead.

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

(c) Set the signal generator to 456 kilocycles.

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

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

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

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

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

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

2. Broadcast Band Alignment:—

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

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

(b) Set signal generator to 1400 kilocycles.

(c) Adjust 1400 K.C. Osc. trimmer on front section of gang condenser to receive the 1400 K.C. signal.

(d) Adjust 1400 K.C. R.F. trimmer on rear section of gang condenser for maximum output.

(e) Turn station selector until pointer is in position to receive a 600 kilocycle signal.

(f) Set signal generator to 600 kilocycles.

(g) Adjust 600 K.C. padder at rear of chassis for maximum output, rocking the gang condenser slowly back and forth for the greatest output.

If the above procedure has been carefully followed the alignment of the receiver should be complete.