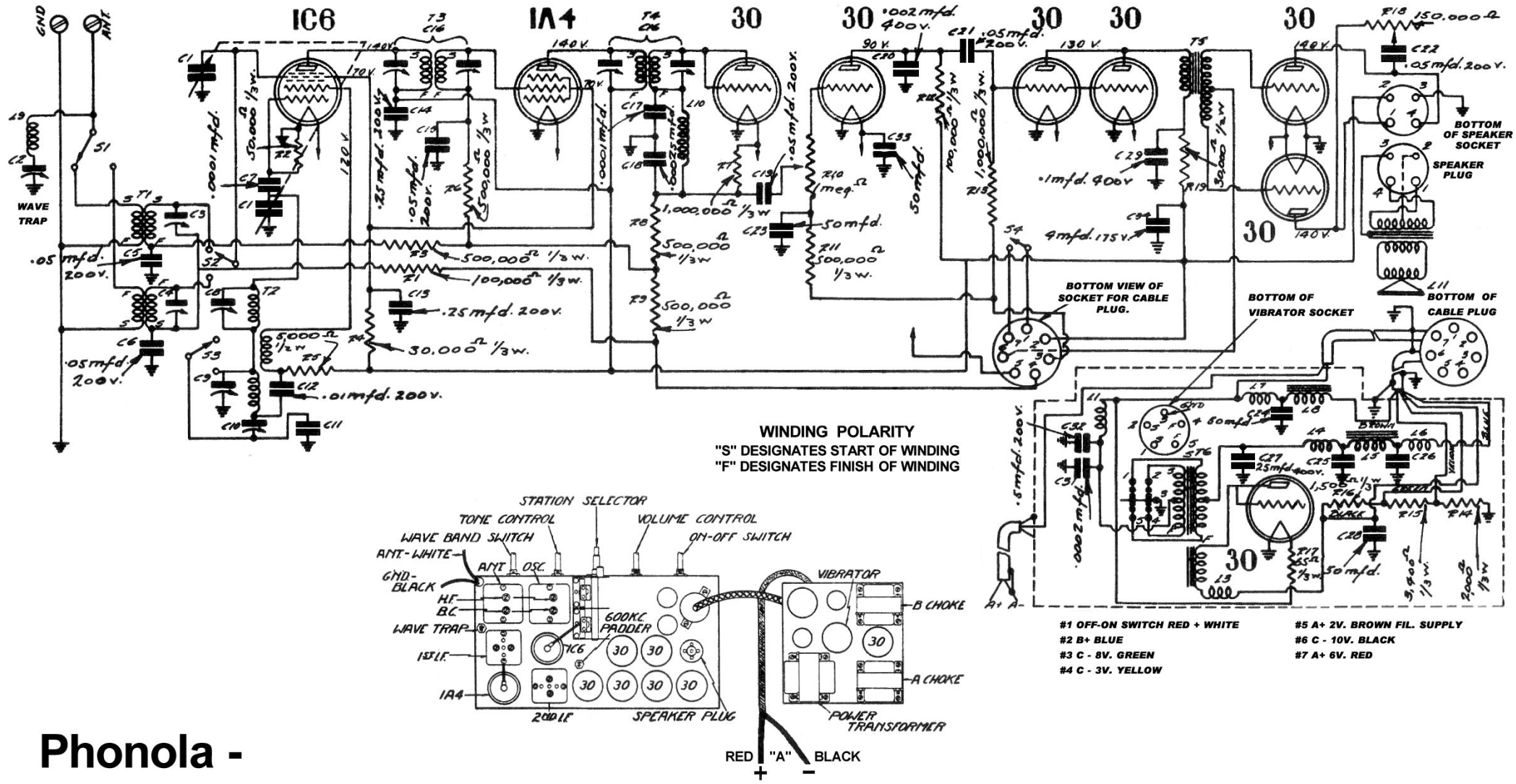

Phonola -

Electrohome Series 6V92-P, 6V92-S & 6V92-D

WAVE TRAP ADJUSTMENT

The foregoing alignment having been completed, set the signal generator to 456 K.C. and the gang condenser at minimum frequency (gang closed). Connect the generator to the antenna post of the receiver through a .00025 Mfd. condenser. Then adjust the wave trap trimming condenser to minimum output. Several thousand microvlts will be required to make this adjustment.

Electrohome Series 6V92-P, 6V92-S 6V92-D

6 Volt Battery Operated Vibrator Receiver Alignment Information

I. F. ALIGNMENT

Set the signal generator to 456 K.C. and connect the output to the grid cap of the 1C6 tube through a .1 Mfd. condenser. The generator ground is connected to the chassis ground post or frame, which must be externally grounded. The receiver dial is set at maximum frequency (gang open), and the volume control turned full on.

The 1st and 2nd I. F. trimming condensers located as shown on the tube layout chart, are then adjusted by means of a non-metallic screw driver until maximum output is obtained.

Broadcast Band 1500 K.C. Set the signal generator to 1500 K.C. and connect its output lead to the antenna post of the receiver in series with a .00025 Mfd. condenser. The ground from the signal generator must be connected to the chassis ground post or frame and externally grounded.

With the band selector switch in the broadcast position, the dial of the receiver set at 1500 K.C. and the volume control turned full on, adjust the broadcast oscillator trimming condenser (located as shown on the tube layout chart) until a signal is heard. Note: There may be two signals present, use the one obtained by the minimum capacity setting and adjust the trimming condenser to the peak of the signal. Then adjust the broadcast antenna trimming condenser for maximum output.

600 K.C. Set the receiver dial and the signal generator to 600 K.C. Adjust the 600 K.C. padding condenser for maximum output. While making this adjustment rock the tuning control back and forth through the signal until maximum output results.

Following this, it is advisable to repeat the procedure outlined for 1500 K. C. to compensate for any slight discrepancy caused by the adjustment of the series padding condenser.

Short Wave Band 15 M.C. Set the signal generator to 15 M.C. and connect its output to the antenna post of the receiver through a 400 ohm resistor. The ground of the signal generator is connected to the chassis frame or ground post and must be externally grounded. Switch the receiver to short wave band, set the receiver dial to 15 M.C. and turn the volume control full on.

Adjust the short wave oscillator trimming condenser until a signal is heard.

Note: There may be two signals present, use the one obtained by minimum capacity setting of the trimming condenser and adjust it to its peak. The short wave antenna trimming condenser is then adjusted for maximum output.