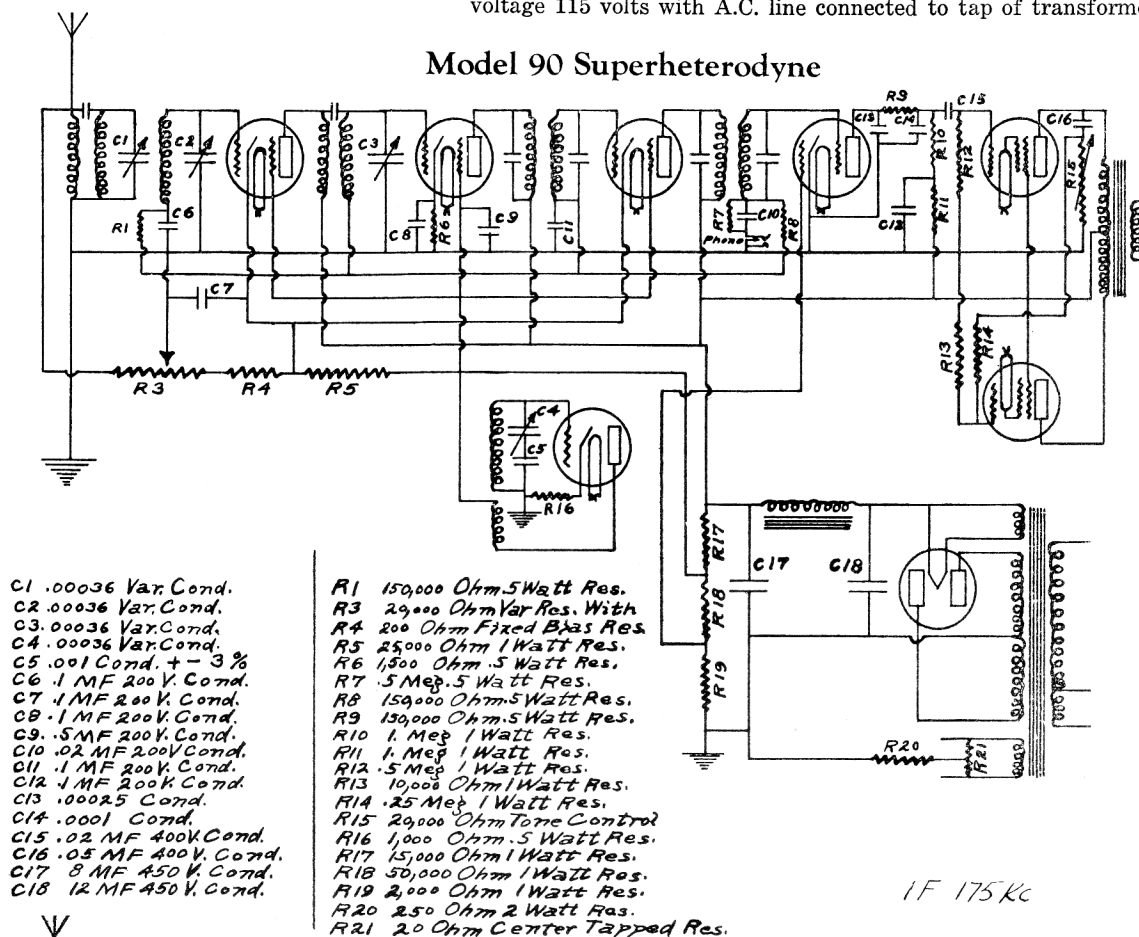


All voltages given were tested on 250-volt scale of 1000 ohms per volt meter. All voltage tests made with volume on full and tone control in off position, no signal in receiver, line voltage 115 volts with A.C. line connected to tap of transformer as shipped from factory.

Model 90 Superheterodyne



COMMON TO 90 AND 90A

247 Plate to ground
230 to 240 volts
247 Screen to ground
235 to 250 volts
247 Bias-Center tap to ground
13 to 18 volts

R.F. and I.F. plate to ground
235 to 250 volts

First Det. Plate to ground
235 to 250 volts

Oscillator Plate to ground
70 to 90 volts

Oscillator Cathode to ground
4 to 7 volts

Voltage drop across field
95 to 110 volts

MODEL - 90 ONLY.

Second Det. Plate to ground
20 to 30 volts

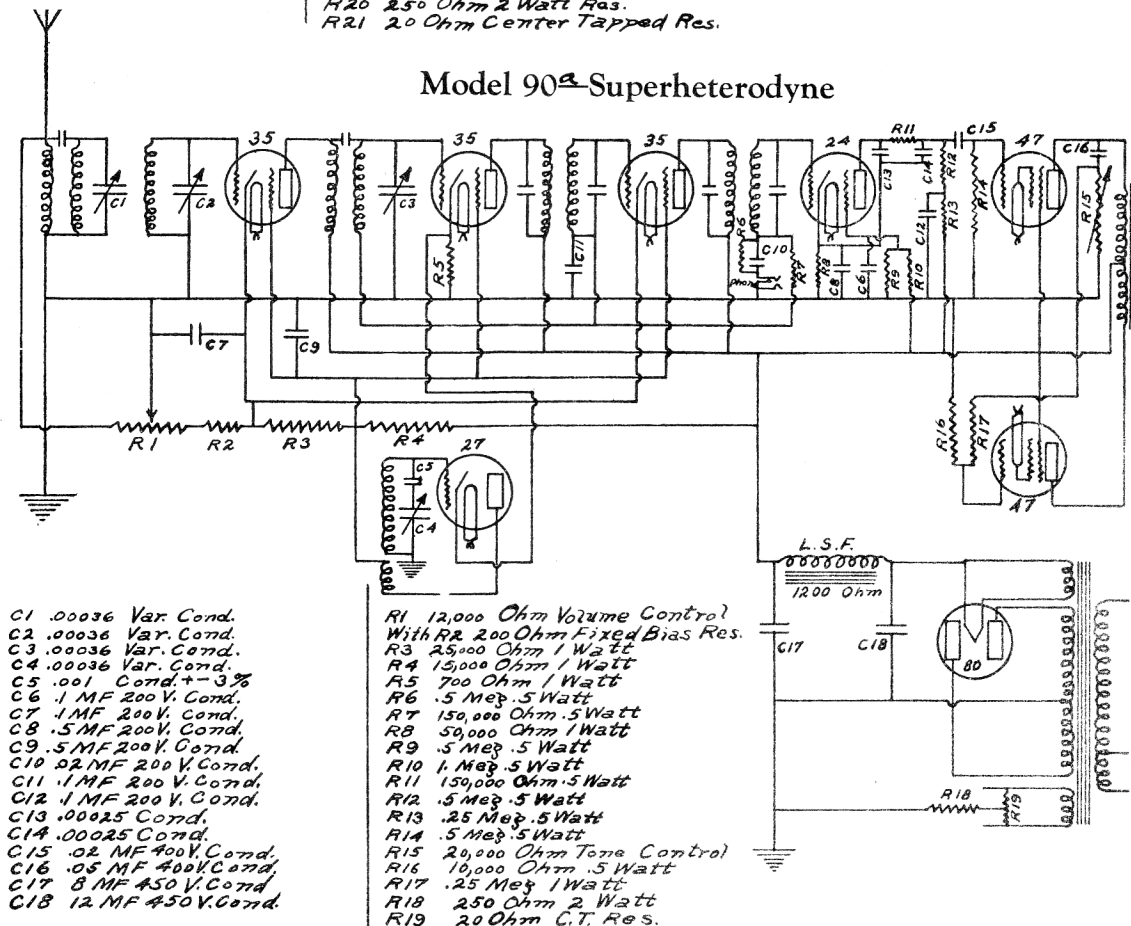
Second Det. Screen Grid to gnd
Less than 1 volt negative

Second Det. Control Grid to gnd
1 to 2 volts

I.F. Screen to ground
70 to 90 volts

I.F. Cathode to ground
2 to 4 volts

Model 90A Superheterodyne



First Det. Screen to ground
70 to 90 volts

First Det. Cathode to ground
4 to 7 volts

R.F. Screen to ground
70 to 90 volts

R.F. Cathode to ground
2 to 4 volts

MODEL - 90A ONLY

R.F. and I.F. screen to ground
70 to 80 volts

R.F. and I.F. cathode to ground
2.5 to 3.5 volts

First Detector Screen to ground
70 to 80 volts

First Detector and Osc. cathode
4 to 6 volts to ground