

# PARTS LIST



Fada Radio &  
Electric Corp.  
Model 1 0 0 0 B

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Made in 1947

## Description

## Part No.

- 12.19 Tubular Condenser, .005 mf, 400 V
- 12.6 Tubular Condenser, .01 mf, 400 V
- 12.9 Tubular Condenser, .03 mf, 400 V
- 12.11 Tubular Condenser, .05 mf, 200 V
- 12.12 Tubular Condenser, .05 mf, 400 V
- 17.18 Ceramic Condenser, 50 mmf,  $\pm 20\%$
- 17.21 Ceramic Condenser, 100 mmf,  $\pm 20\%$
- 17.22 Ceramic Condenser, 220 mmf,  $\pm 20\%$
- 22.19 3 Section Electrolytic Condenser, 30-40-20 mf, 150 W.V.
- 27.18 Variable Condenser
- 37.57 Oscillator Coil
- 37.64 Loop Antenna
- 37.61 Input I.F. Transformer, complete
- 37.33 Output I.F. Transformer, complete
- 37.66 I.F. Trap
- 52.16 Volume Control with Switch

Courtesy of [nucow.com](http://nucow.com)

- 72.1 Power Cord (Approved) 97.16D Cabinet Maroon & Alabaster
- 77.6 Dial Pointer 97.16E Cabinet Onyx
- 77.21 Dial Scale (Calibrated) 142.5A Cabinet Knobs Alabaster
- 77.22 Dial Crystal 142.5B Cabinet Knobs Onyx
- 97.16A Cabinet Alabaster 142.5C Cabinet Knobs Red
- 97.16B Cabinet Red & Alabaster 107.1 4" P.M. Speaker with Transformer
- 97.16C Cabinet Blue & Alabaster 42.1 Speaker Transformer for above

# ALIGNMENT PROCEDURE

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The chassis may be removed from the cabinet by pulling off the knobs, removing the four screws on the bottom, and raising the handle.

No attempt should be made to realign the various circuits until all other causes have been checked, unless the condition is so obvious as to indicate that realignment is necessary. Then proceed as follows:

Volume Control full on.

Low range A.C. meter connected across voice coil to indicate output.

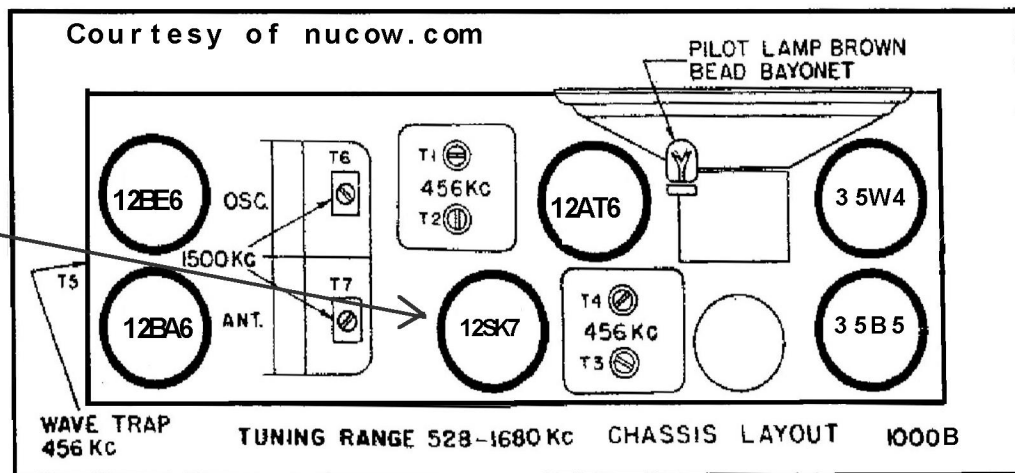
Keep signal generator attenuated so as to maintain 1/2 scale reading on output meter.

Make certain that dial pointer is exactly horizontal when variable condenser is fully meshed

Use only mild soap and water to clean cabinet. Never use cleaning fluids.

Receiver Dial at:	Signal Generator	Dummy Antenna	Connect Signal Generator to:	Refer to Chassis Layout for Location of Trimmers
Full Open	Exactly 456 KC	.1 MF	Control Grid 12BA6 Tube (R.F.) (Top) Rear Section Variable Condenser	Adjust for Maximum Output T1, T2, T3 & T4
Full Open	Exactly 456 KC	.1 MF	Control Grid 12BA6 Tube (R.F.) (Top) Rear Section Variable Condenser	Adjust for Minimum Output T5
Full Open	Exactly 1680 KC		Radiating Loop (1/2 meter) 20" from Receiver	Adjust for Maximum Output T6
Approx. 1500 KC	Approx. 1500 KC		Radiating Loop (1/2 meter) 20" from Receiver	Adjust for Maximum Output T7
Approx. 600 KC	Approx. 600 KC		Radiating Loop (1/2 meter) 20" from Receiver	Check tracking and bend slotted end plate (rear section) of variable, if necessary.

Only large Octal Base Tube (8 pin) all other tubes are miniatures

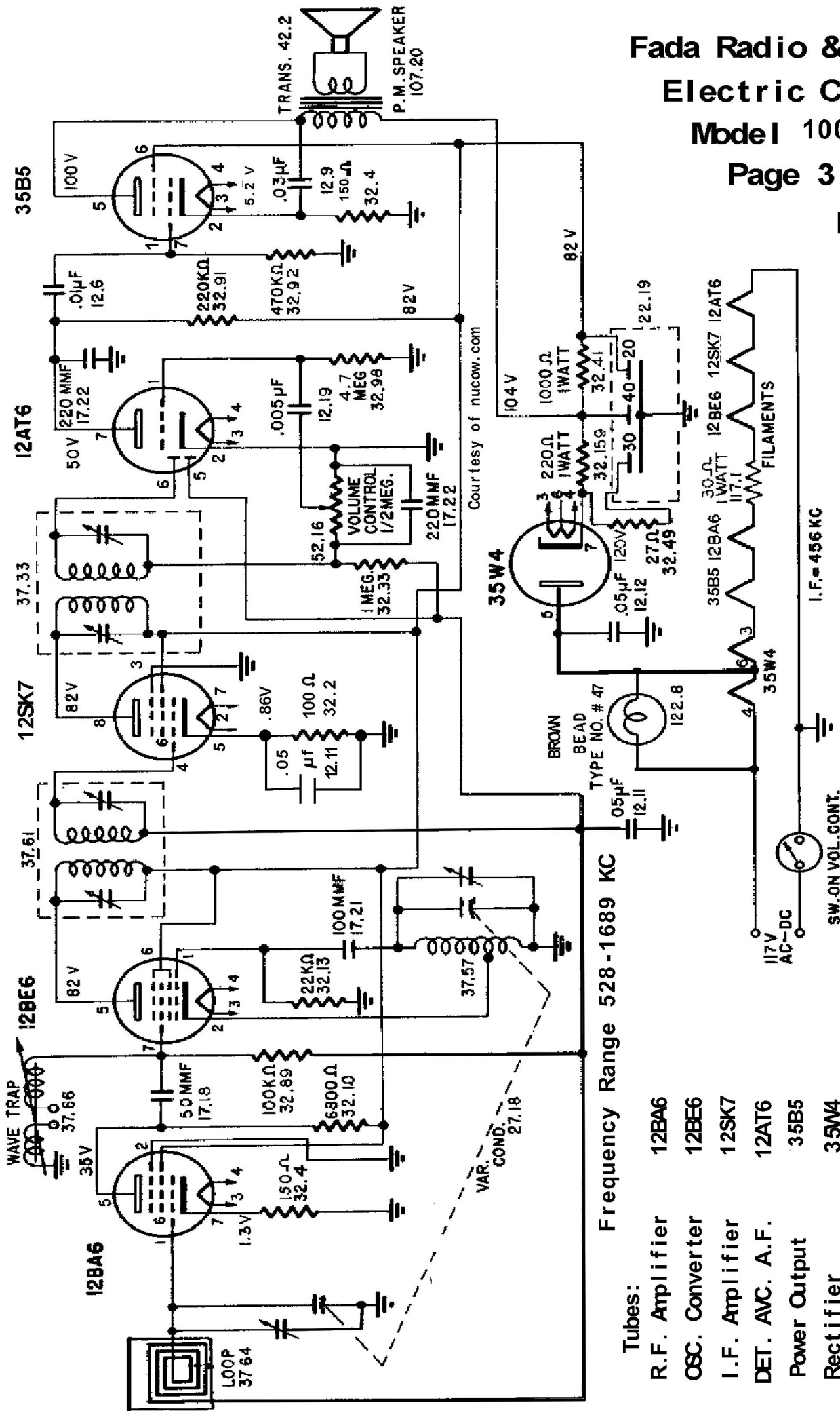


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Frequency Range 528-1689 KC

- Tubes:
- R.F. Amplifier 12BA6
  - OSC. Converter 12BE6
  - I.F. Amplifier 12SK7
  - DET. AVC. A.F. 12AT6
  - Power Output 35B5
  - Rectifier 35W4

Speaker 4" P.M. 1 oz. Alnico V Magnet  
 Speaker Transformer 2500 ohms --- 400 cycles  
 Speaker Voice Coil 3.2 ohms  
 Power consumption 30 Watts  
 I.F. Circuits 456 KC

**NOTE**

VOLTAGE READINGS TAKEN WITH  
 20,000 OHMS PER VOLT METER  
 NO SIGNAL CONDITION,  
 117 VOLT, 60 CYCLE LINE.  
 TUNING RANGE 530-1680KC.

- K=1000 OHMS
- GROUND
- CONNECTED WIRES

Courtesy of nuow.com