

General Electric Co.

Model: F74

Chassis:

Year: Pre October 1938

Power:

Circuit:

IF:

Tubes:

Bands:

Resources

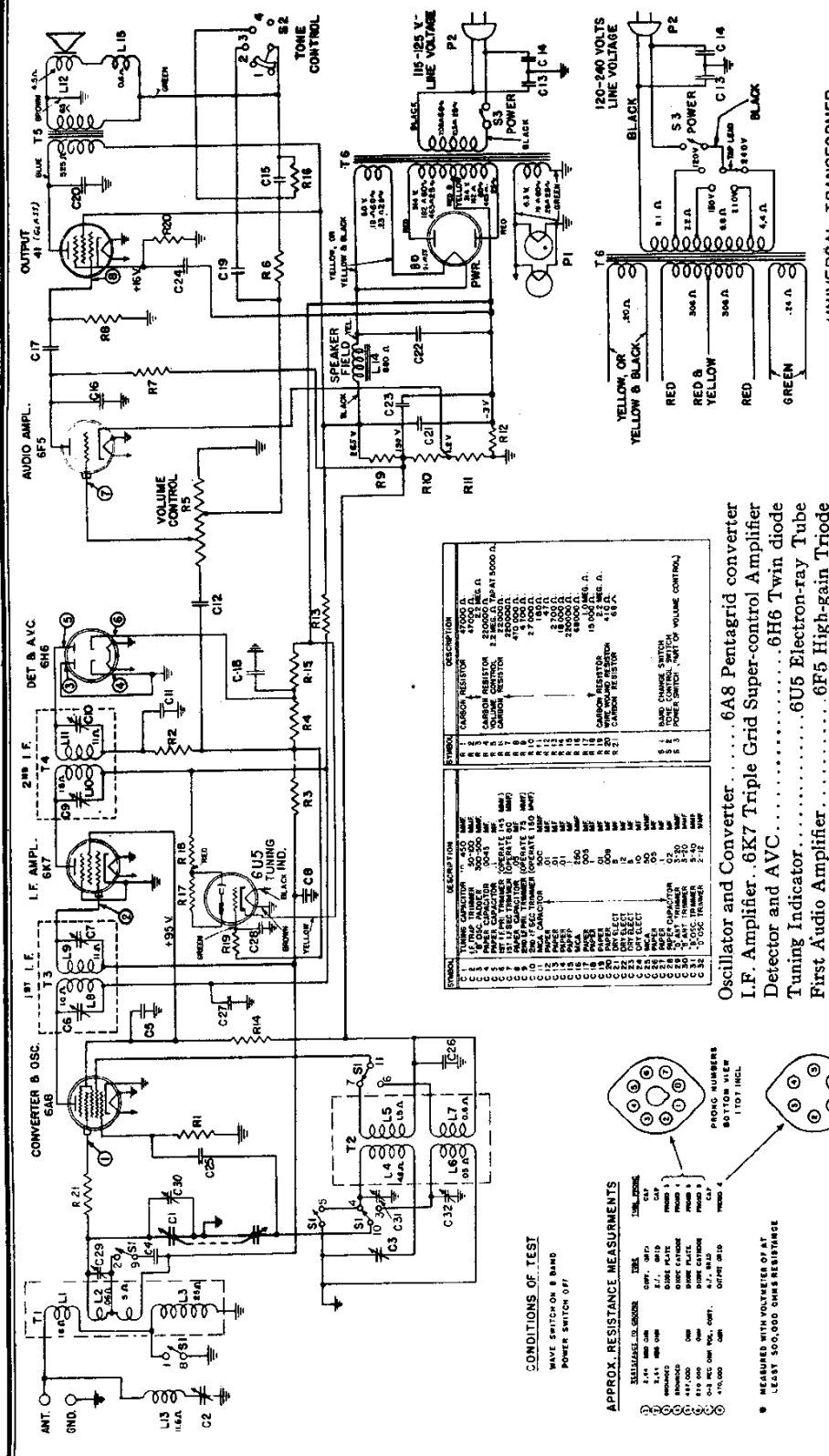
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GENERAL ELECTRIC CO.

MODELS F-74, F-77
Schematic, Resistance
Transformer Data
Voltage



SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
1	TUNING CAPACITOR	1	1000 Ω CARBON RESISTOR
2	100 Ω CARBON RESISTOR	2	100 Ω CARBON RESISTOR
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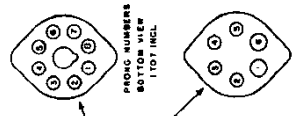
- Oscillator and Converter..... 6A8 Pentagrid converter
- I.F. Amplifier..... 6K7 Triple Grid Super-control Amplifier
- Detector and AVC..... 6H6 Twin diode
- Tuning Indicator..... 6U5 Electron-ray Tube
- First Audio Amplifier..... 6F5 High-gain Triode
- Audio Power Amplifier..... 41 Power Amplifier Pentode
- Rectifier..... 80 Full Wave Rectifier
- Dial Lamp..... MAZDA No. 46

CONDITIONS OF TEST
WAVE SWITCH ON & BAND
POWER SWITCH OFF

APPROX. RESISTANCE MEASUREMENTS

RESISTANCE TO GROUND	TEST POINT	TUBE SOCKET
100 Ω	1, 2, 3	6A8
100 Ω	4, 5, 6	6K7
100 Ω	7, 8, 9	6H6
100 Ω	10, 11, 12	6U5
100 Ω	13, 14, 15	6AV6
100 Ω	16, 17, 18	41
100 Ω	19, 20, 21	80

* MEASURED WITH VOLTMETER OF AT
LEAST 500,000 OHMS RESISTANCE



PIN NUMBERS
TOP VIEW
BOTTOM VIEW

Tuning Frequency Range

- Band "B"..... 540-1720 kc.
- Band "D"..... 5,600-18,000 kc.

- Intermediate Frequency..... 465 kc.
- Electrical Power Output Undistorted..... 2.5 watts
- Maximum..... 5.0 watts

Tone Control..... 4-point control

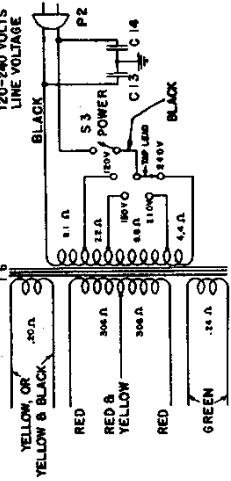
Loud-speaker—Electrodynamic

- Conc: Model F-74..... .8 inch
- Model F-77..... .12 inch

Voice coil impedance..... 5.5 ohms at 400 cycles

UNIVERSAL TRANSFORMER

ALL VOLTAGES TO GROUND
UNLESS OTHERWISE SPECIFIED
ALL VOLTAGES MEASURED WITH
A.C. 500 Ω. TERMINALS SHORTED
8 120 VOLTS ON PRI.



MODELS F-74, F-77
 Socket, Trimmers
 Chassis Wiring

GENERAL ELECTRIC CO.

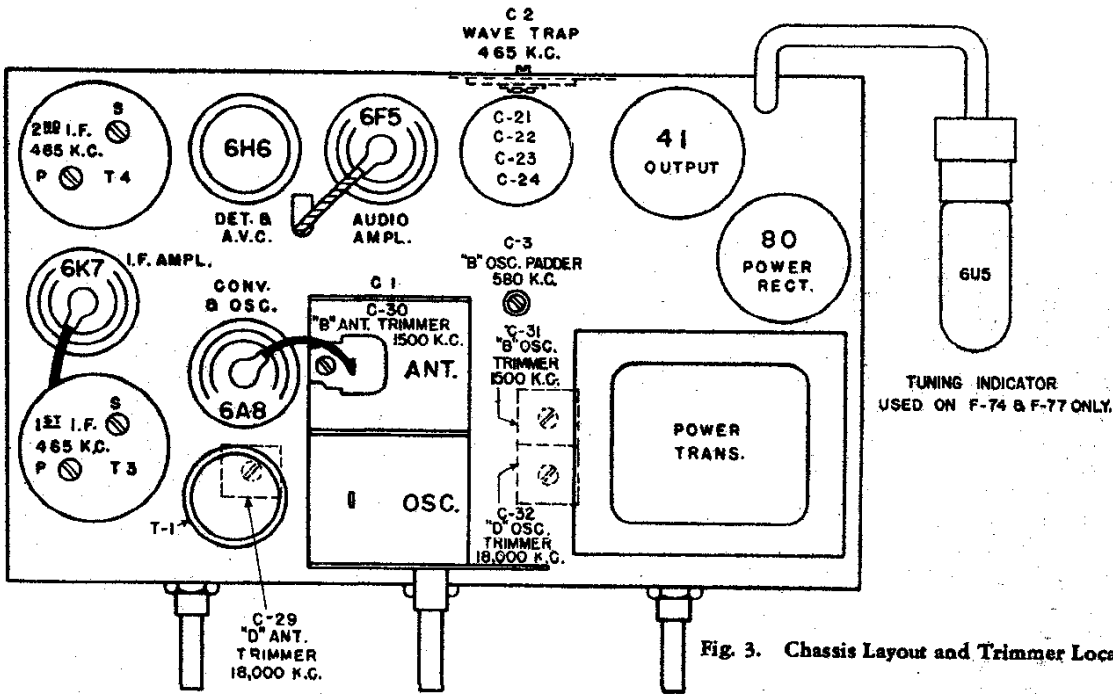


Fig. 3. Chassis Layout and Trimmer Location

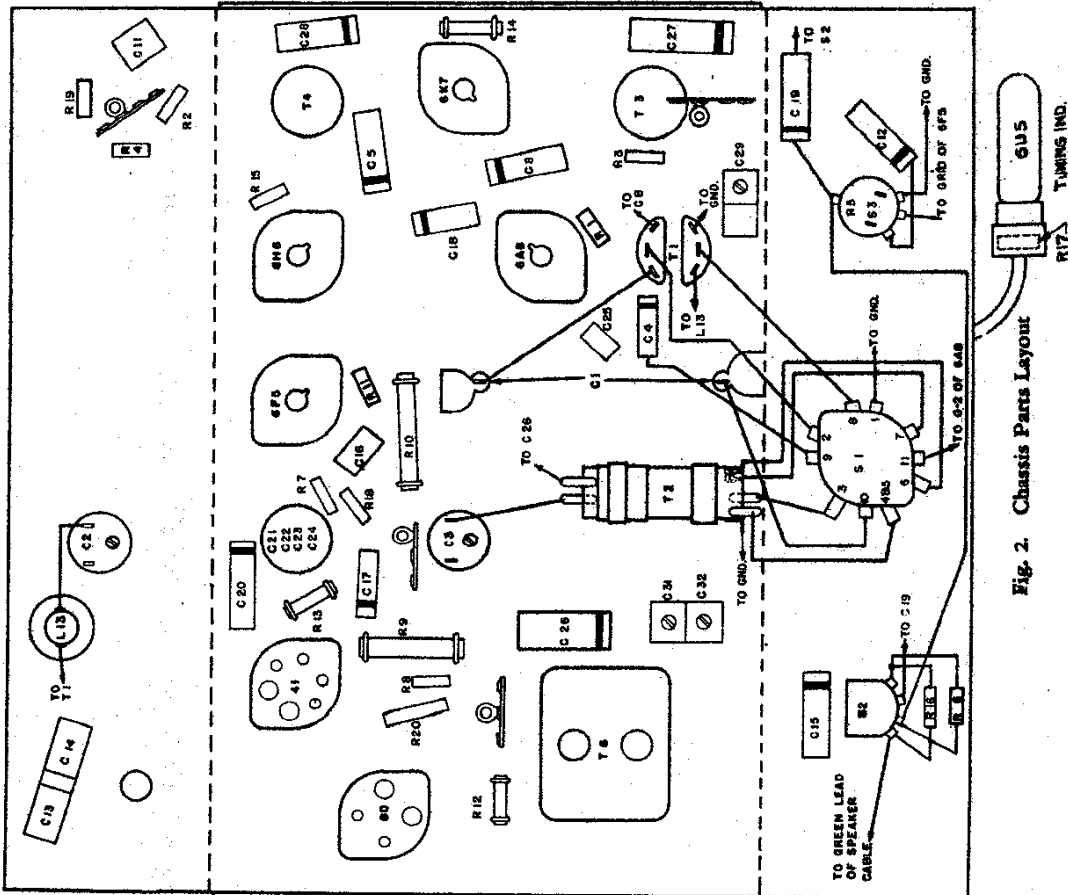


Fig. 2. Chassis Parts Layout

