

# SERVICE DATA FOR HEALING RADIO

## RECEIVER MODEL 25E

REACTIVE 2 VALVE AND RECTIFIER

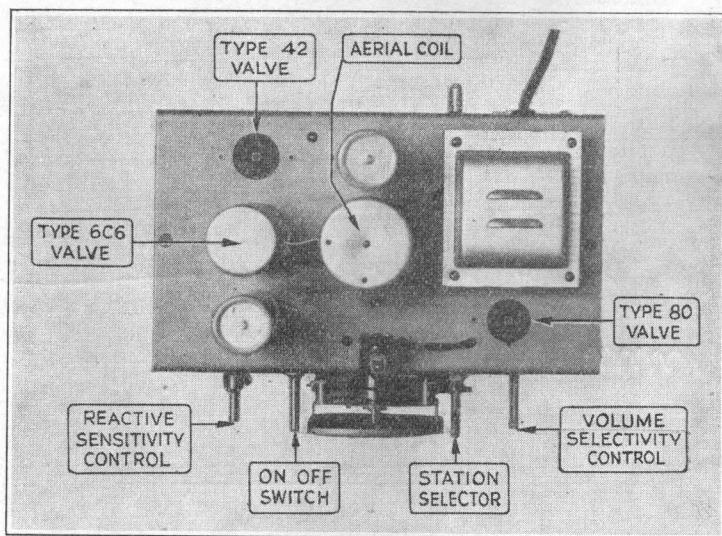


Diagram showing Chassis layout

### VALVES:—

6C6 Reactive Detector

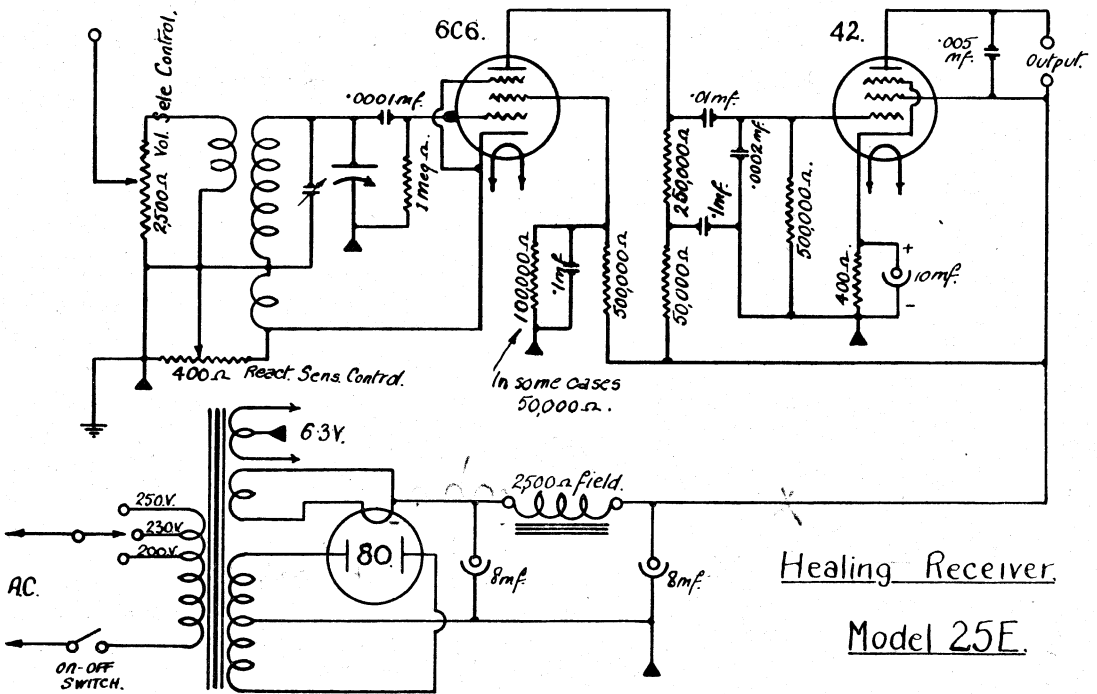
42 Power Pentode

80 Full Wave Rectifier

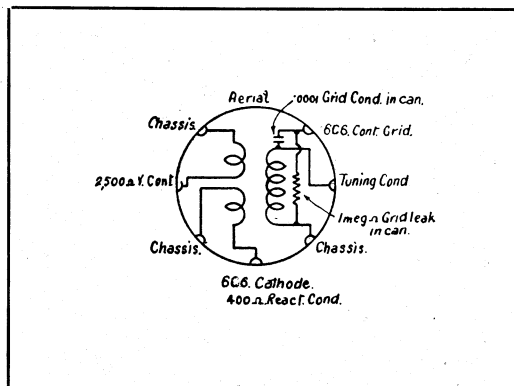
PILOT LAMP:—6.3V. .5 Amp.

# HEALING

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Circuit Diagram of Model 25E.



Coil Winding Connections Viewed from Inside of Chassis.

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### VOLTAGE ADJUSTMENT.

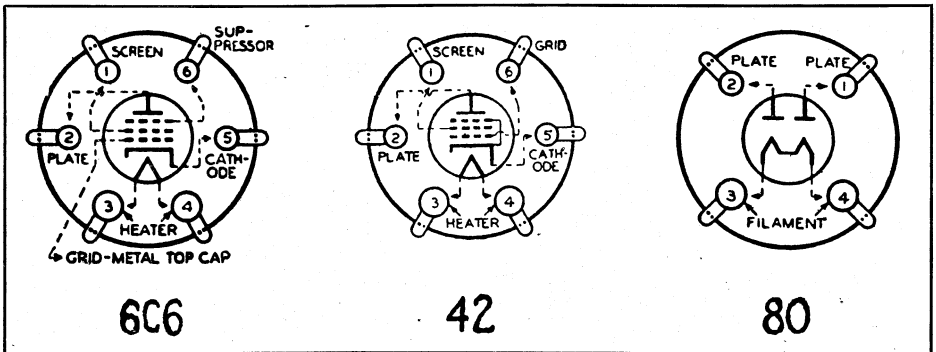
Before leaving the factory the switch located behind the danger plate is set at 230 volts, and should the supply voltage differ the necessary readjustment must be made.

### CAUTION.

Disconnect the power plug from the supply outlet before making any adjustment to the receiver assembly.

### VALVES.

Make sure the valves are in good condition, of the correct type, and are properly fitted into the correct sockets before operation.



Valve Connections Viewed from Bottom of Socket.

### VALVE VOLTAGES.

Valve.	Filament.	Cathode.	Screen.	Plate.
6C6	6.3 A.C.		22 V. (C)	27 V. (C)
42	6.3 A.C.	17.5 V. (B)	270 V. (D)	255 V. (D)
80	4.8 A.C.			

Speaker field voltage drop, 115 V. (C).

All the voltages given above are those indicated when using a 1000 ohm per volt meter.

Scales: 0—10 (A)—50 (B)—250 (C)—750 (D) Volts.

Meters of different resistance will not indicate similar readings at the points measured.

# HEALING

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### **SPEAKER.**

The electro-dynamic speaker is matched to the power valve, and has a field resistance of 2500 ohms. The voltage drop across the field is shown below the valve table.

The field is connected across the cathode and plate pins of the five-pin plug, and the input to the transformer is connected to the heater pins. Make sure the plug is connected to the receiver before operation.

### **OPERATION.**

See model 25E operating instructions under "Tuning."

### **LINING.**

A small trimmer condenser is shunted across the coil for the purpose of adjusting the dial reading at the H.F. end of the band.

### **DIAL.**

See "General Service Notes."

Read carefully the instructions for installation and operation of the Model 25E.

### **POSSIBLE FAULTS.**

See "General Service Notes."