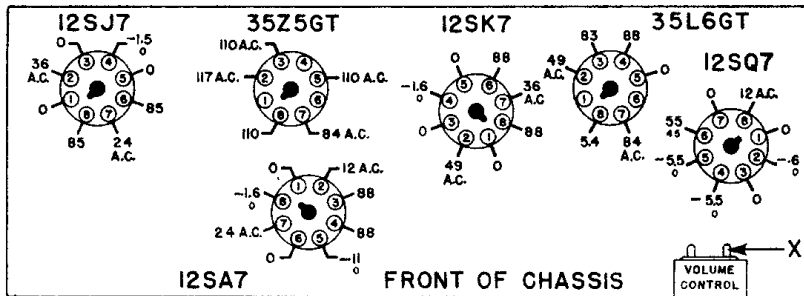


# THE B. F. GOODRICH CO.

## Mantola

Models 92505  
92506

### VOLTAGE DATA



Bottom View of Chassis, Showing Voltages

- Readings made between point indicated and Volume Control Lug (Point "X" on drawing).
- Measured on a 117 Volt A.C. line.
- Dial turned to low frequency end, no signal.
- Measured with Vacuum Tube voltmeter.
- A second voltage reading is shown made with a 1000 ohm-per-volt meter when use of this instrument would result in appreciably lower readings.

### REPLACEMENT PARTS

#### RESISTORS

Symbol	Part No.
R1.. 10,000 Ohms, 1/2 Watt.....	60B 8-103
R2.. 10 Megohms, 1/2 Watt.....	60B 8-106
R3.. 22,000 Ohms, 1/2 Watt.....	60B 8-223
R4.. 100 Ohms, 1/2 Watt.....	60B 8-101
R5.. 1 Megohm, 1/2 Watt.....	60B 8-105
R6.. 1/2 Megohm, Volume Control & Switch.....	75B 1-6
R7.. 4.7 Megohms, 1/2 Watt.....	60B 8-475
R8.. 270,000 Ohms, 1/2 Watt.....	60B 8-274
R9.. 470,000 Ohms, 1/2 Watt.....	60B 8-474
R10.. 150 Ohms, 1/2 Watt.....	60B 8-151
R11.. 33 Ohms, 1 Watt.....	60B 28-3
R12.. 1,000 Ohms, 1 Watt.....	60B 28-2
R13.. 150,000 Ohms, 1/2 Watt.....	60B 8-154

#### CONDENSERS

Symbol	Part No.
C1.. 785 mmfd., $\pm 5\%$ , Silver Mica.....	65B 1-8
C2.. 250 mmfd., Mica.....	65B 7-22
C3.. .02 mfd., 400 Volts, Paper.....	64B 1-24
C4.. 50 mmfd., Mica.....	65B 7-11
C5a. 0 to 420 mmfd. } Gang.....	68A 18
C5b. 0 to 108 mmfd. }	

C6.. .1 mfd., 200 Volts, Paper.....	64B 1-30
C7.. .05 mfd., 400 Volts, Paper.....	64B 1-22
C8.. 250 mmfd., Mica.....	65B 7-22
C9.. .01 mfd., 400 Volts, Paper.....	64B 1-25
C10.. 500 mmfd., Mica.....	65B 7-27
C11.. .01 mfd., 400 Volts, Paper.....	64B 1-25
C12.. .02 mfd., 400 Volts, Paper.....	64B 1-24
C13a 50 mfd., 150 Volts } Elect.....	67A 10
C13b 30 mfd., 150 Volts }	
C14.. .18 mfd., 200 Volts, Paper.....	64A 2-2
C15.. .05 mfd., 400 Volts, Paper.....	64B 1-22

#### COILS & TRANSFORMERS

L1.. Loop Antenna.....	69C 44
L2.. R.F. Coil and Mounting.....	A1052
L3.. Oscillator Coil.....	69A 43
T1.. Transformer, Output.....	98A 4
T2.. Transformer, 1st I.F.....	72B 50
T3.. Transformer, 2nd I.F.....	72B 51

#### MISCELLANEOUS

Description	Part No.
Background, Dial.....	X22C3-1
Bracket Plate, Loop Retainer.....	15A 14

Buttons, Snap (for R.F. Coil).....	13A 1-2-2
Cabinet, Ivory (Model 92505).....	34D 8-1
Cabinet, Mahogany (Model 92506).....	34D 8-2
Clip, Dial Glass.....	18A 2
Cord, Dial.....	50A 1-3
Cover, Back (Incl. Loop Antenna).....	69C 44
Dial Scale, Glass.....	21B 10-2
Drum and Cam Assembly.....	A1049
Knob, Mahogany (Model 92506).....	33A 7-2
Knob, Ivory (Model 92505).....	33A 7-1
Lever Arm Assembly (R.F.).....	A1050
Pilot Light, No. 47.....	81A 1-8
Pilot Light Socket and Leads.....	82A 2-3
Pointer.....	25A 13-1
Pulley, Fibre; 1/8x1/2" OD.....	17A 1-3
Screw, Set; 8/32x1/8" (Dial Drum).....	1A 5-58
Shaft, Tuning.....	28A 1-1
Slug, R.F. Iron Core (with wire).....	71B 1-2
Socket, Octal Tube.....	87A 10-2
Speaker (5" PM) and Transformer.....	78B 4-4
Spring, Tension (Dial).....	19B 1-3
Spring, Lever Arm (R.F.).....	19A 4
Spacer, T (R.F.).....	29A 2-3-21
Stud, Slug Adj. (R.F.).....	27A 4
Washer, C (Tuning Shaft).....	4A 4-6
Washer, Spring (Tuning Shaft).....	4A 6-3-0

