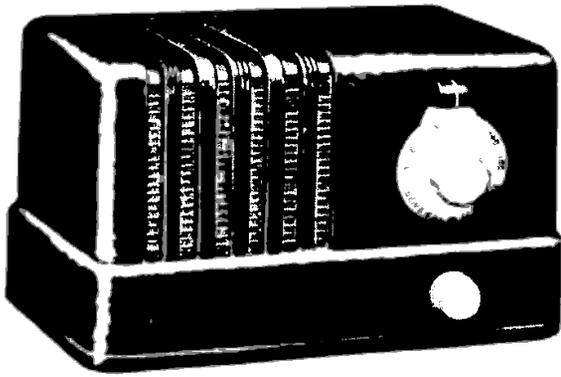


General Electric MODEL H-400

GENERAL INFORMATION



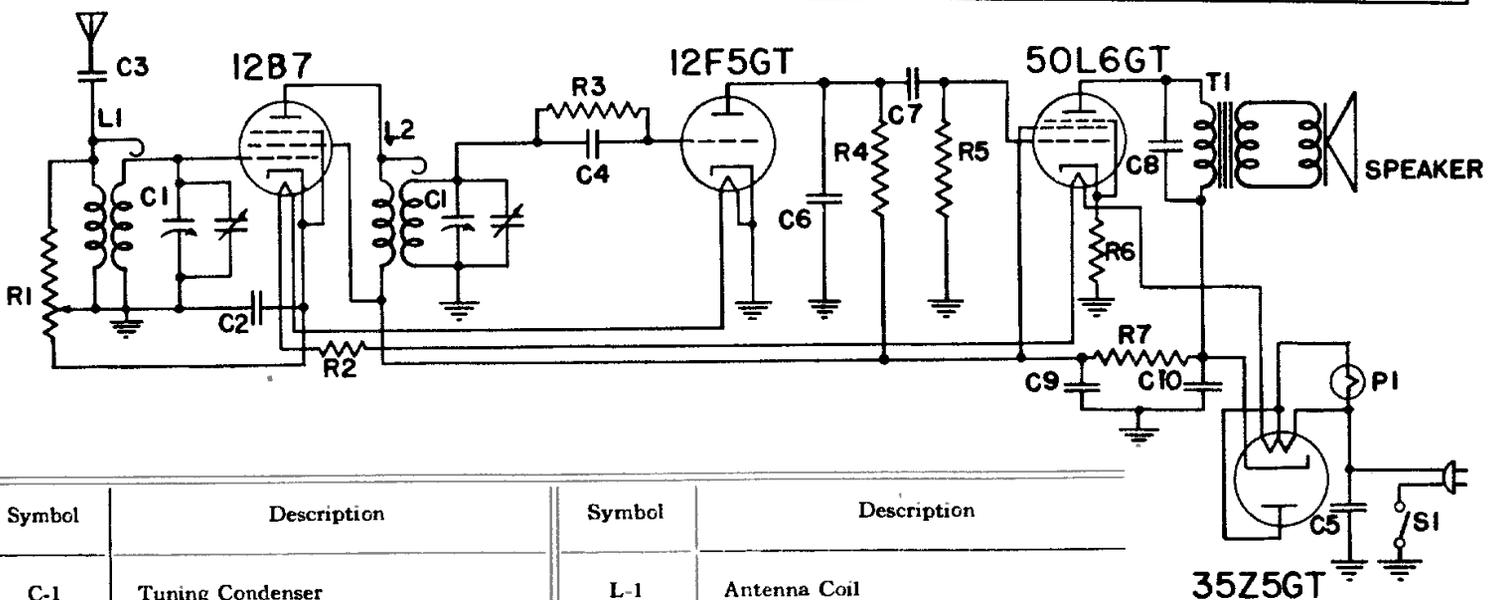
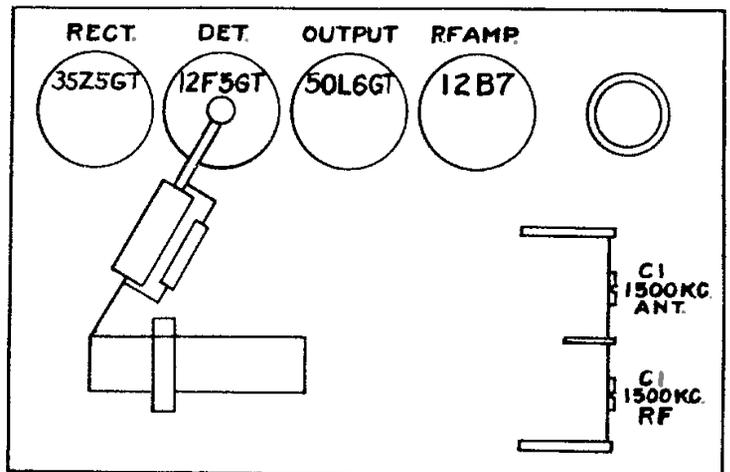
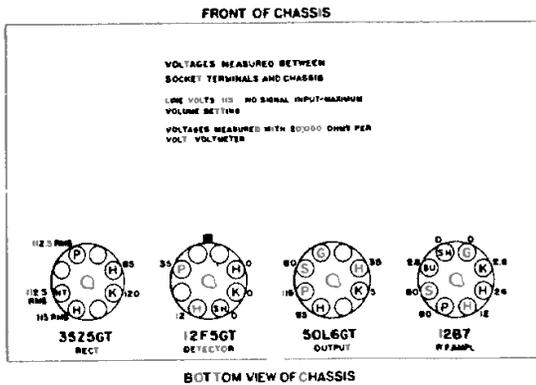
Model H-400 is a compact four-tube AC-DC tuned radio-frequency receiver that tunes the standard broadcast band of frequencies and one police band. One side of the power line is connected directly to the chassis ground; therefore, caution should be exercised in servicing.

When operating from a DC source of power it is necessary to insert the power plug with the proper polarity. If the receiver fails to function with the power plug inserted one way, reverse the plug. If any hum is noticed when the receiver is used on A-C, reverse the power plug as above.

ALIGNMENT

Connect the high side of the signal generator through a 100-mmf condenser to the terminal to which the antenna hank is soldered. The low side of the signal generator output should be connected to the receiver chassis through a .05 mfd. condenser. Connect a suitable output meter across the voice coil leads; then proceed as follows:

1. With gang condenser plates completely closed, the tuning index should be over the last calibration mark on the dial.
2. Set volume control to about $\frac{3}{4}$ of maximum.
3. Rotate gang to minimum capacity and tune trimmers on the gang condenser to 1750 KC signal. Re-tune gang to 1500 KC signal and peak trimmers by alternate adjustment.



Symbol	Description	Symbol	Description
C-1	Tuning Condenser	L-1	Antenna Coil
C-2	.01 mfd., 600 V. Paper	L-2	R.F. Coil
C-3	.001 mfd., 600 V. Paper	P-1	Pilot Lamp, MAZDA No. 47
C-4	.005 mfd., 600 V. Paper	R-1	30,000 ohm, Volume Control (300 ohm stop)
C-5	.01 mfd., 600 V. Paper	R-2	75 ohm, 2-W. Carbon
C-6	330 mmf., Mica	R-3	4.7 megohm, $\frac{1}{2}$ -W. Carbon
C-7	.01 mfd., 600 V. Paper	R-4	1.0 megohm, $\frac{1}{2}$ -W. Carbon
C-8	.02 mfd., 600 V. Paper	R-5	1.0 megohm, $\frac{1}{2}$ -W. Carbon
C-9	20 mfd., 150 V. Dry Electrolytic	R-6	150 ohm, $\frac{1}{2}$ -W. Carbon \pm 5%
C-10	40 mfd., 150 V. Dry Electrolytic	R-7	4700 ohm, $\frac{1}{2}$ -W. Carbon