

CHASSIS
HS-32
HS-67

Motorola

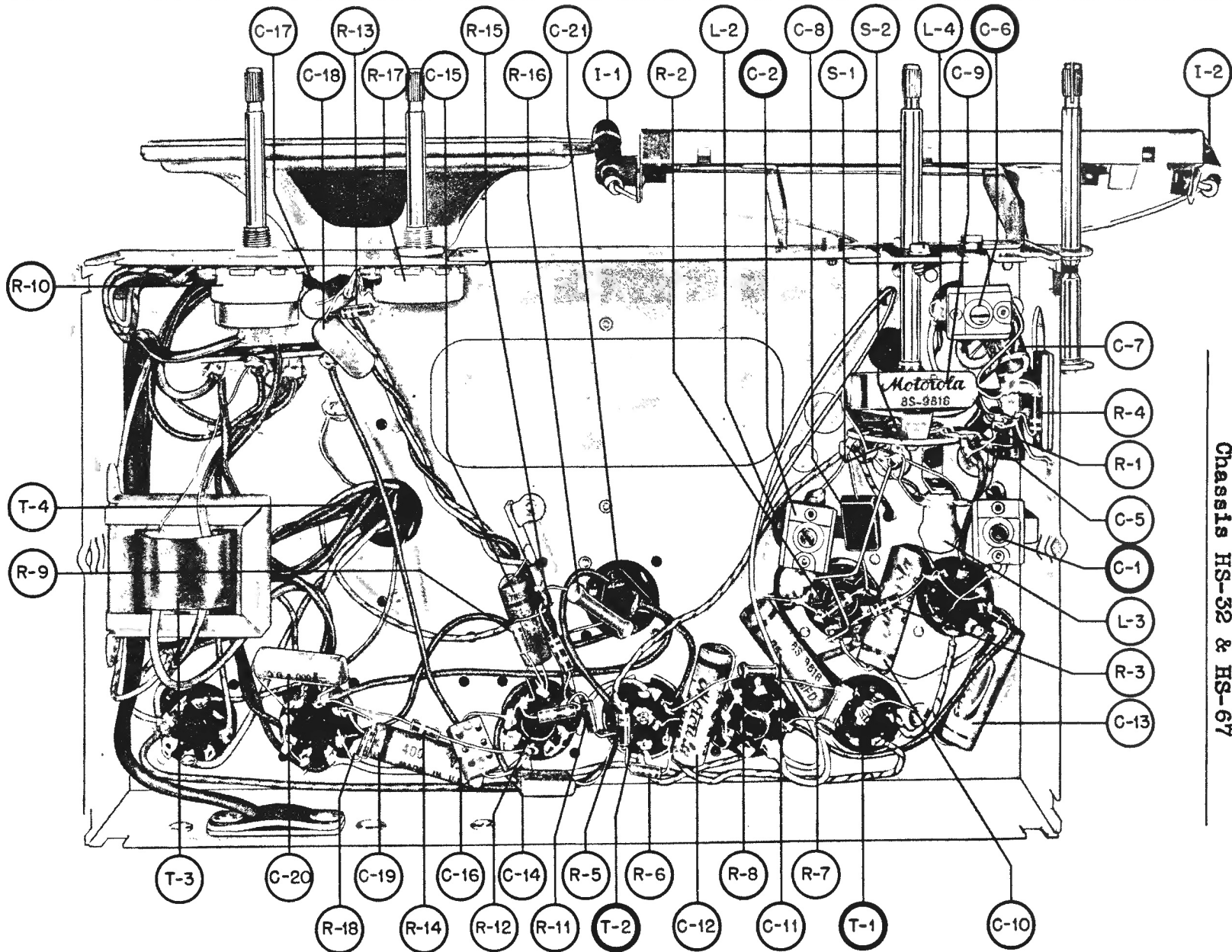
MODELS 65T21 AND 65T21B

ALIGNMENT AND SENSITIVITY CHART

Connect output meter across speaker voice coil (.38V = .05 watts)
Volume control set at maximum for all operations.

OPERATION IN ORDER	GANG CAPACITOR SET AT	BAND SWITCH SET AT	DUMMY ANTENNA	GENERATOR CONNECTED TO	ADJUST TRIMMER OR IRON CORE	GENERATOR SET AT (400 ^u 30% MODULATED)	AVERAGE INPUT FOR .38V OUTPUT
1. Adjust I.F.'s Minimum for maximum		B. C.	.1 mf	Osc. - Mod. grid	1-2-3-4	455 Kc	900 microvolts to I.F. grid 4.5 microvolts to Osc.-Mod. grid (455 Kc)
2. Set B.C. Oscillator trimmer	1620 Kc	B. C.	None	Radiation loop*	5 B.C. Osc. trimmer C-1	1620 Kc	
3. Adjust B.C. loop trimmer for maximum	1400 Kc	B. C.	None	Radiation loop*	6 B.C. loop trimmer C-4 (on loop) should be adjusted with set in cabinet	1400 Kc	6.5 microvolts to Osc.-Mod. grid through .1 mf dummy
4. Set S.W. Oscillator trimmer	12.2 Mc	S. W.	50 mmf.	Antenna terminal	7 S.W. Osc. trimmer C-2	12.2 Mc	
5. Adjust S.W.	11.5 Mc	S. W.	50 mmf.	Antenna terminal	8 S.W. Antenna trimmer C-6	11.5 Mc	5 microvolts to Antenna terminal
6. Repeat above steps for maximum accuracy							.045 volt to 1st A.F. grid (400 ^u cycle audio)

*Connect signal generator to a 5" dia., 3 turn loop.
Distance between loops always over 12". Adjust distance and generator output to maintain output of 50 milliwatts (.38v on output meter).



Galvin Manufacturing Corporation
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