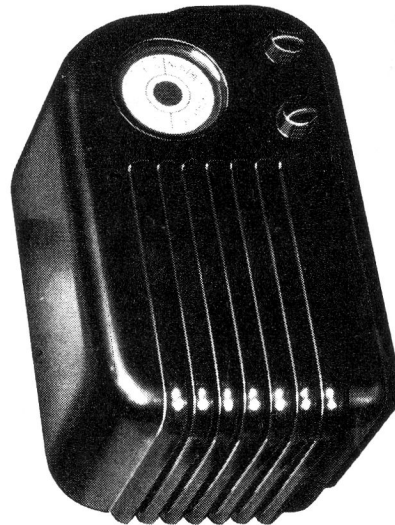


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Stromberg-Carlson Model 1151 AC / DC Alignment & Voltage Chart

VOLTAGE CHART FOR MODEL 1151

SOCKET	FUNCTION	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8
12BE6	Converter	-1.9	0	(10)	(21.5)	78.	78.	-5	
12BA6	I.F. Amplifier	-5	-5	(21.5)	(34)	78.	78.	0	
12AV6	Demod., AVC., 1st Audio	-3	0	0	(10)	-22	-2.2	32.	
35B5	Power Output	0	4.5	(34)	(75)	115.	78.	0	
35W4	Rectifier	—	122	(75)	(117)	(117)	—	122.	

ALIGNMENT PROCEDURE 1151

Band and Pointer Setting Generator Setting Input and Dummy Meter Connection Trimmer Adjustment and Notes

A.M. I.F. ALIGNMENT

(1) Lower end of Band	455 KC.	Signal Generator ground lead to B minus (common bus) .2 mfd. capacitor. "Hot" lead through 1 mfd. capacitor to # 1 pin, 12BA6 socket.	Output meter across voice coil	Adjust the iron cores (top and bottom) of the 2nd I.F. Transformer for maximum output with minimum input signal. Input should be approximately 5000 uvs.
(2) Lower end of Band	455 KC.	Leave signal generator ground to B minus. Connect "hot" lead through .1 mfd. capacitor to # 7 pin 12BE6 socket.	Output meter across voice coil	Adjust the iron cores (top and bottom) of the 1st I.F. Transformer for maximum output with minimum input signal. Input should be 150 uvs. approximately. Return to the second I.F. and adjust the bottom core to attain maximum overall sensitivity and correct tracking.

R.F. ALIGNMENT

(1) Extreme high frequency end of scale	1650 KC	Hazeltine loop or equivalent	Output meter across voice coil	Adjust the oscillator trimmer capacitor so that it is just possible to tune through the 1650 Kcs. signal without going off the end of the scale.
(2) 1400 KC	1400 KC	Hazeltine loop or equivalent	Output meter across voice coil	Adjust the antenna trimmer capacitor for correct tracking and maximum sensitivity. It will be necessary to "rock" the gang while this adjustment is made.
(3) Repeat steps (1) and (2) for improvement on readings.				