

MODEL R-3051

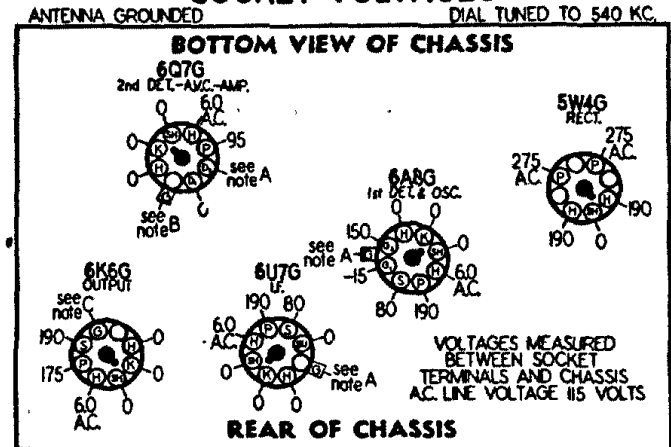
R-305 CHASSIS (RECEIVER MODEL R-305I)



**NOTE: RANGE SWITCH SHOWN
IN BROADCAST POSITION**

DIAGRAM NUMBER	PART NUMBER	DESCRIPTION	LIST PRICE	DIAGRAM NUMBER	PART NUMBER	DESCRIPTION	LIST PRICE
1	110508	Coil - Antenna	\$1.15	25	110829	Lamp - pilot, 6.3 volt, .25 amps.	.15
2	110530	Coil - Antenna trap	1.02	26	88583	Resistor - wire wound 240 ohms 1 watt	.15
3	110512	Coil - Oscillator	.85	27	89118	Resistor - wire wound 20 ohms 1 watt	.12
4	88534	Condenser - paper .05 mfd. 150 volt	.20	28	110534	Resistor - wire wound 40 ohms 1 watt	.12
5-6	88533	Condenser - mica 260 mmfd.	.20	29	110551	Resistor - carbon 15,000 ohms 1 watt (10%)	.15
7	83783	Condenser - mica 110 mmfd.	.8	30	110552	Resistor - carbon 47,000 ohms 1 watt	.12
8	88081	Condenser - mica 51 mmfd.	.15	31	110553	Resistor - carbon 220,000 ohms 1 watt	.12
9	85295	Condenser - padding	.40	32-33	110554	Resistor - carbon 1 megohm 1 watt	.12
10-11-12	88030	Condenser - paper .01 mfd. 400 volt	.25	34	110558	Resistor - carbon 470,000 ohms 1 watt	.12
13	88048	Condenser - paper 1 mfd. 150 volt	.25	35	110578	Resistor - carbon 10,000 ohms 1 watt (20%)	.12
14	88189	Condenser - paper .05 200 volt	.24	36	110582	Resistor - carbon 12,000 ohms 1 watt	.15
15	89828	Condenser - paper .004 mfd. 750 volt	.80	37A-37B	110505	Switch - range	.90
16	110377	Condenser - Electrolytic (Sect. A-8 mfd.)	1.50	38	R-275-A	Speaker - dynamic (5 inch)	6.50
17A-17B	110497	Condenser - Electrolytic (Sect. B-8 mfd.)	1.50	39	110932	Cone and voice coil assembly (for R-275-A)	1.70
18A to 18D	110498	Condenser - trimmer strip	.75	40	110504	Tone control (500,000 ohms)	.95
19	110510	Condenser - wire 3 mfd.	.12	41	110514	Transformer - first 1:1	2.00
20A-20B	110516	Condenser - trimmer strip for I.F.	.58	42	110520	Transformer - second 1:1	2.00
21A-21B	110523	Condenser - mica .00198 mfd. (.5%)	.32	43	110524	Transformer - Power 115 volt 60 cycle	4.20
22	110523	Condenser - mica .00198 mfd. (.5%)	.32	44	110537	Transformer - Power 115 volt 25 cycle	7.00
23A-23B	110600	Condenser - variable gang	3.50	45A-45B	110503	Transformer - output	1.50
24	111127	Condenser - mica 520 mmfd. (.5%)	.24			Volume Control - 1 megohm - with off-on switch	1.25

SOCKET VOLTAGES



IMPORTANT: Use a high resistance voltmeter of 1,000 ohms per volt.

NOTE A: The bias for the control grids of the 6AB-G, 6U7-G and the diode plate of the 6Q7-G is -3 volts measured across resistors 27 and 28.

NOTE B: The bias for the control grid of the 6Q7-G triode section is -2 volts measured across resistor 28.

NOTE C: The bias for the control grid of the 6K6-G tube is -14 volts measured across resistors 26, 27, and 28.