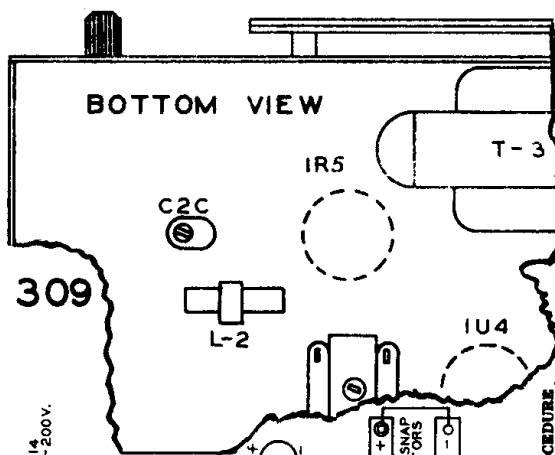
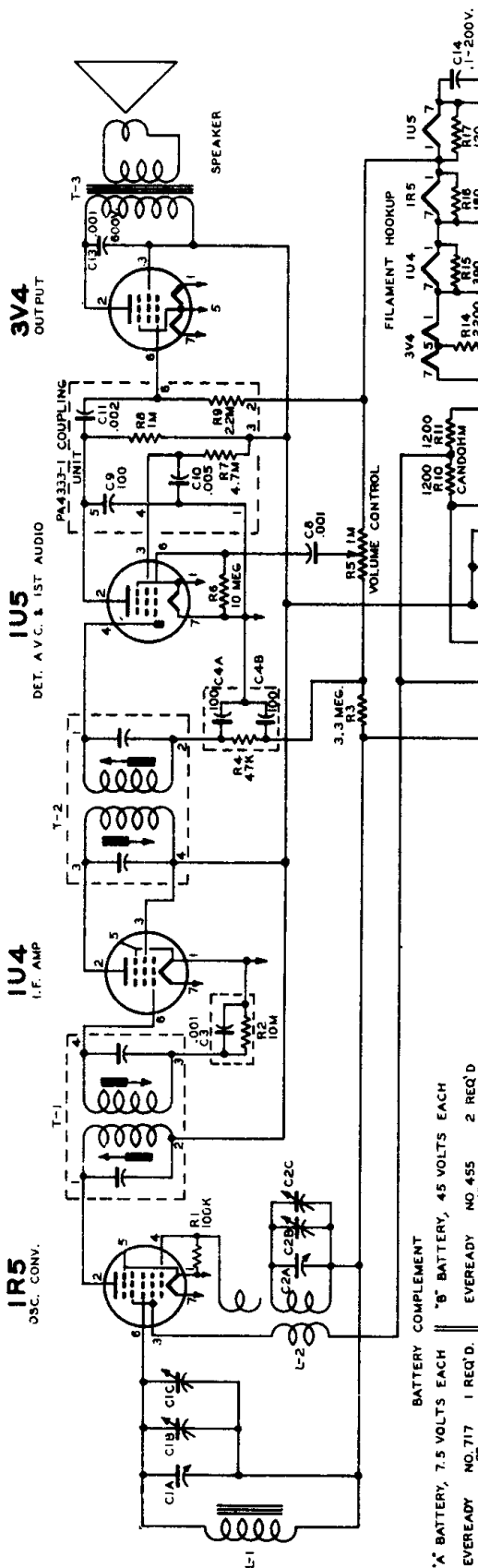


THE SPARKS - WITHINGTON COMPANY

MODELS 301, 305 & 309

[illegible]

* Use driver loop. The generator must be connected to the dummy loop antenna and not to the loop of the receiver for R.F. alignments.

Trimmer C2C as shown on schematic is preset at factory and only on certain conditions will have to be moved. However, should it become necessary to adjust this trimmer on the bottom of the gang a cutout in the chassis base has been provided.

Line Voltage: 117 Volts AC		Position of volume control: Full with set tuned to quiet channel.						
TUBE	FUNCTION	Voltage of Sockets Prongs to -B See Prong Nos. on schematic.						
		No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7
1R5	Osc. Converter	1.37	93	60	**	1.37	0	2.7
1U4	I.F. Amplifier	2.7	93	93	0	2.7	0	4.1
1U5	Det. A.V.C. & 1st Audio	1.37	15	11.5	0	0	0	0
3V4	Output	4.1	93	93	0	5.9	0	7.5

All DC measurements made with
All AC voltages made with rectifier type
20,000 ohms per volt voltmeter.
voltmeter.

*** Cannot be measured with 20,000 Ohms per volt voltmeter.

