

Philco Radio & Television Corp.

Model: 46-200

Chassis:

Year: Pre 1948

Power:

Circuit:

IF:

Tubes:

Bands:

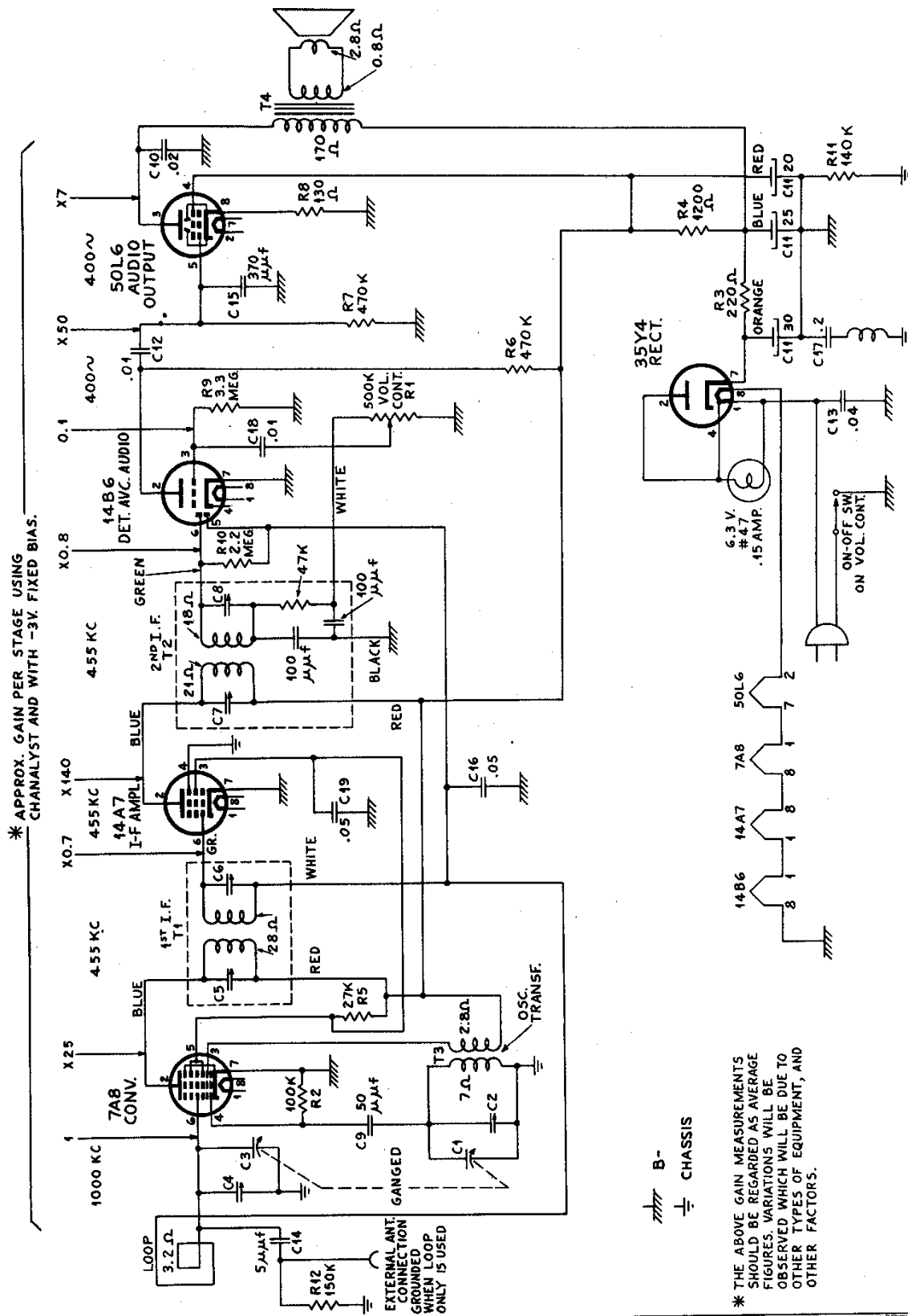
Resources

[Riders Volume 16 - PHILCO 16-9](#)

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[Riders Volume 16 - PHILCO 16-11](#)

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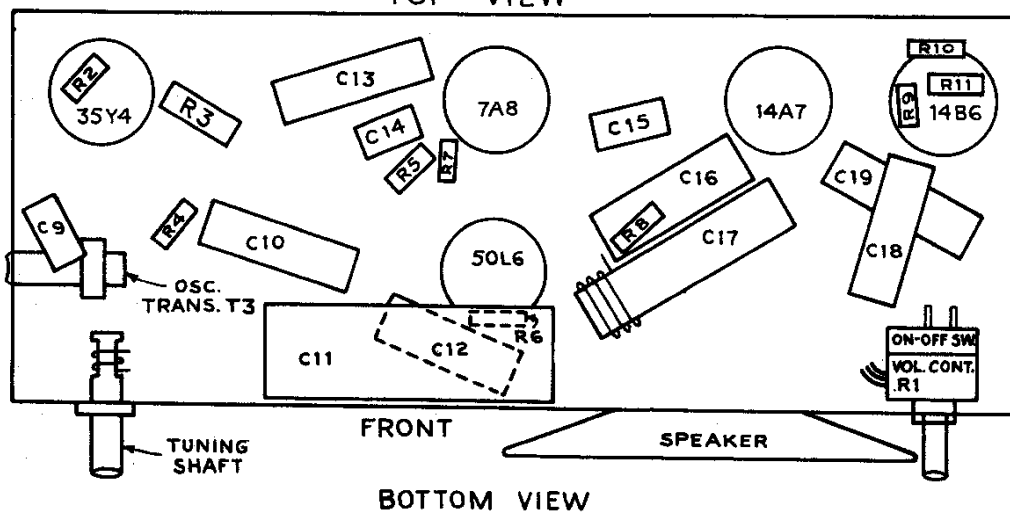
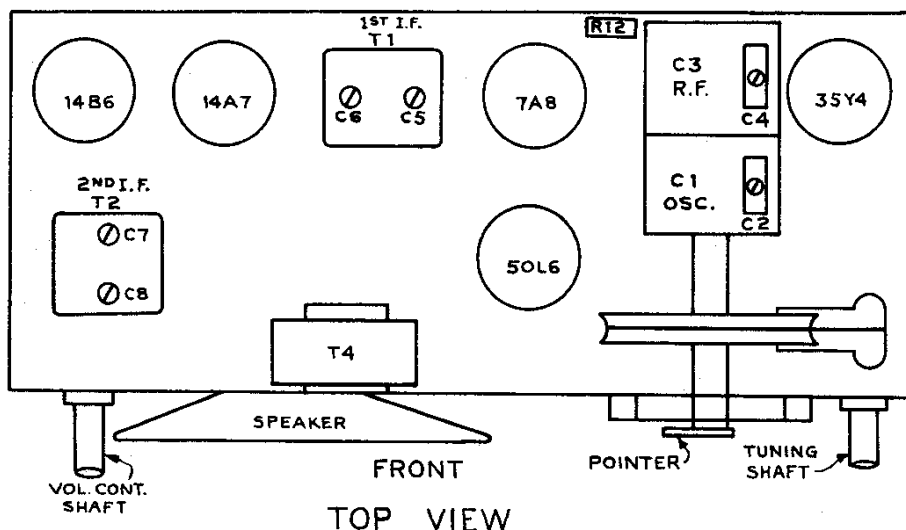
B- CHAS

* THE ABOVE GAIN MEASUREMENTS SHOULD BE REGARDED AS AVERAGE FIGURES. VARIATIONS WILL BE OBSERVED WHICH WILL BE DUE TO OTHER TYPES OF EQUIPMENT, AND OTHER FACTORS.

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MODEL 46-200

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ALIGNMENT

Remove the chassis from the cabinet and connect the output meter to the left terminal (High) and the center terminal (Low) of the three lug terminal strip on the rear of the chassis.

Connect the Signal generator to the standard Hazeltine loop, Model 1150 and couple it loosely to the receiver loop.

Set the Volume at maximum, and fully mark the tuning condenser.

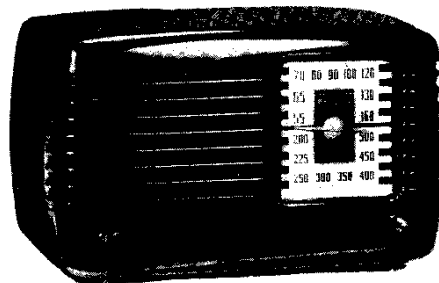
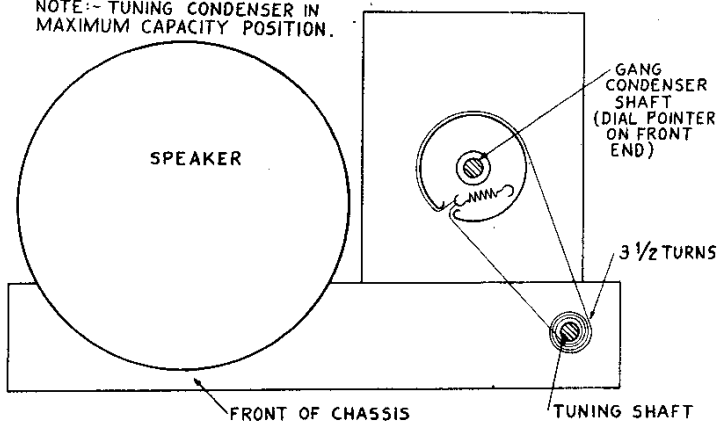
The output of the signal generator should be just sufficient to give a readable deflection on the output meter.

Set the signal generator to 455 KC and adjust the IF trimmers for maximum output in the following order: C8, C7, C6, C5.

Set the signal generator and receiver to 1600 KC and adjust the oscillator trimmer C2 for maximum output.

Set the signal generator and receiver to 1400 KC and adjust the RF trimmer C4 for maximum output.

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 NOTE:-- TUNING CONDENSER IN
MAXIMUM CAPACITY POSITION.


SOCKET	PIN	V.T.V.	20,000 P.V.	1,000 P.V.	RESISTANCE
7A8 CONV.	1	AC	AC	AC	30 Ω
	2	100	100	100	OVER 2 MEGS.
	3	100	100	100	OVER 2 MEGS.
	4	-12	-8.6	-4.2	900 K
	5	44	44	38	OVER 2 MEGS.
	6	-1	-0.8	-0.4	2.8 MEGS.
	7	0	0	0	0
	8	AC	AC	AC	24 Ω
14A7 I-F AMPL.	1	AC	AC	AC	12 Ω
	2	100	100	100	OVER 2 MEGS.
	3	43	43	38	OVER 2 MEGS.
	4	0	0	0	0
	5	0	0	0	0
	6	-1	-0.8	-0.4	2.8 MEGS.
	7	0	0	0	0
	8	AC	AC	AC	24 Ω
14B6 DET. A.V.C. AUDIO	1	AC	AC	AC	12 Ω
	2	56	54	16	OVER 2 MEGS.
	3	-1	-0.6	-0.4	3 MEGS.
	4	0	0	0	0
	5	-1	-0.8	-0.4	2.8 MEGS.
	6	-1	-0.6	-0.3	5.2 MEGS.
	7	0	0	0	0
	8	0	0	0	0
50L6GT AUDIO OUTPUT	1	56	54	16	OVER 2 MEGS.
	2	AC	AC	AC	75
	3	105	105	105	OVER 2 MEGS.
	4	100	100	100	OVER 2 MEGS.
	5	0	0	0	400 K
	6	-1	-0.8	-0.4	2.8 MEGS.
	7	AC	AC	AC	32 Ω
	8	6	6	6	130 Ω
35Y4	1	AC	AC	AC	105 Ω
	2	AC	AC	AC	105 Ω
	3	-12	-8.6	-4.2	90 K
	4	AC	AC	AC	105
	5	100	100	100	OVER 2 MEGS.
	6	0	0	0	0
	7	125	125	125	OVER 2 MEGS.
	8	AC	AC	AC	75 Ω

 All voltage and resistance measurements made with respect to B-.
And with a line voltage of 116 V.A.C.

There is a resistance of 140 K. between B- and chassis ground.