

Philco Radio & Television Corp.

Model: 46-1201 (122)

Chassis:

Year: Pre 1948

Power:

Circuit:

IF:

Tubes:

Bands:

Resources

[Riders Volume 15 - PHILCO 15-25](#)

[Riders Volume 15 - PHILCO 15-26](#)

[Riders Volume 15 - PHILCO 15-27](#)

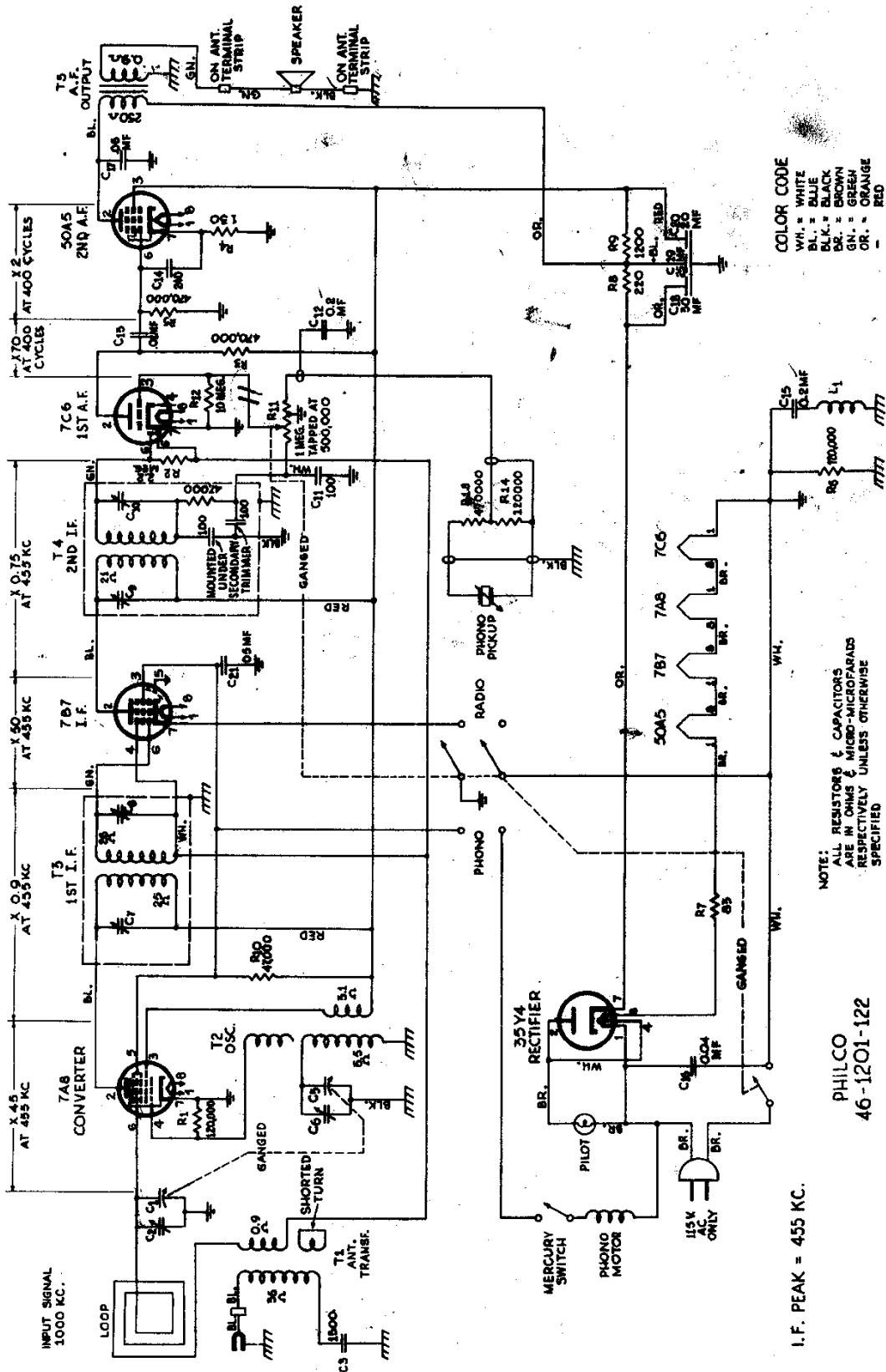
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PHILCO RADIO & TELEV. CORP.

MODEL 46-1201
Code 122



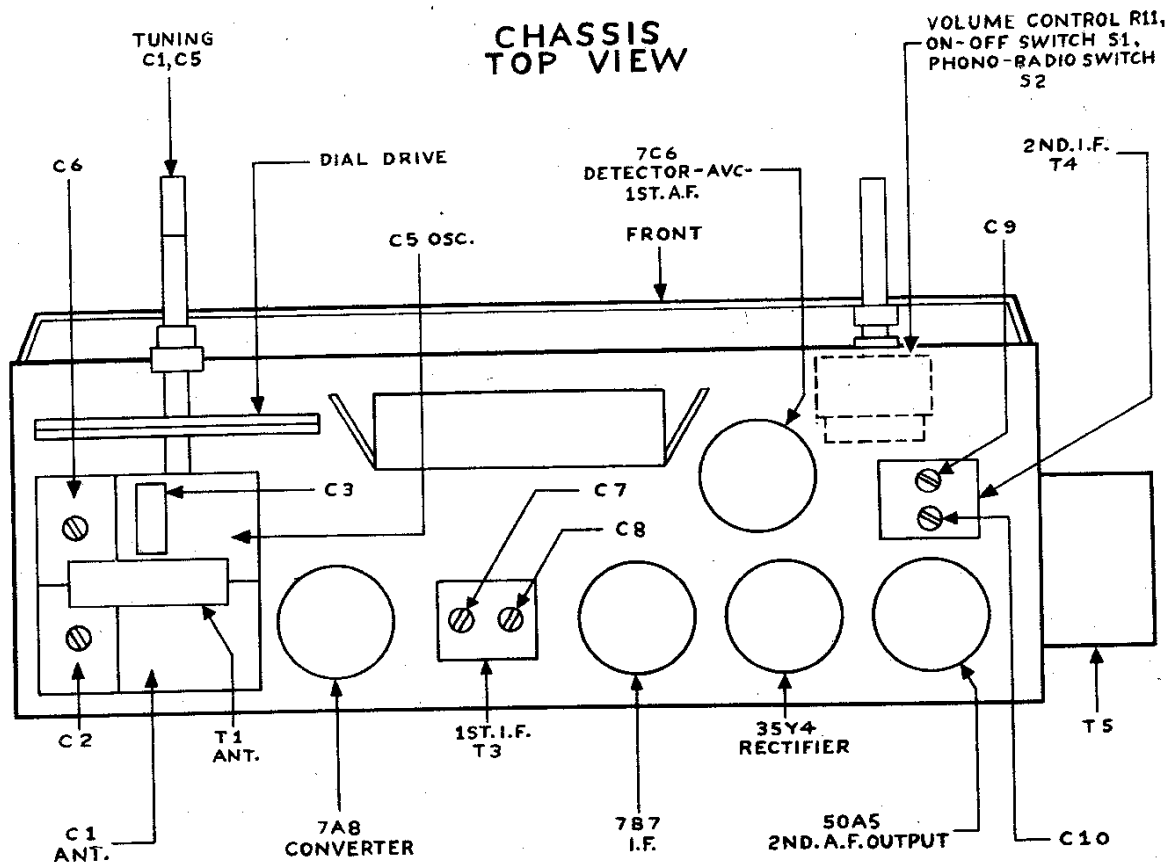
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ALIGNMENT

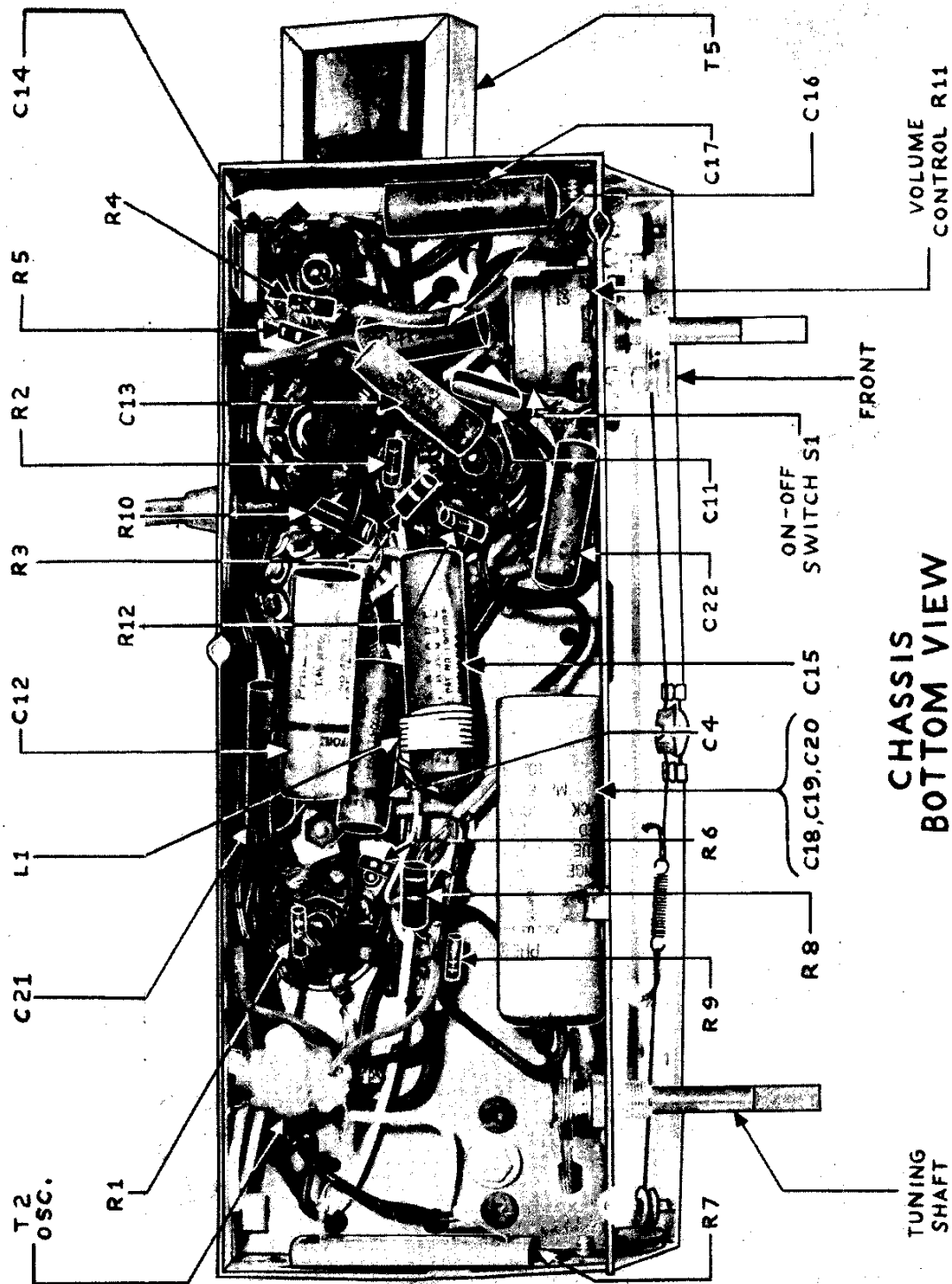
PHILCO 46-1201

The receiver should be aligned with the chassis installed in the cabinet. Connect the output meter from the voice coil lug (green wire) on the speaker to ground. Disconnect the blue external antenna lead from ground. Connect the signal generator through a .01 mf condenser to the external antenna lead. Set the receiver volume control at maximum. The tuning condenser should be fully meshed when the dial pointer is at the index mark at the low frequency end of the dial. The signal generator output should at all times be just sufficient to obtain a minimum deflection on the output meter. Set the signal generator to 455 kc. and adjust the intermediate frequency amplifier transformer trimmers for maximum meter deflection in the following sequence: C10, C9, C8, C7. Set the generator and receiver to 1600 kc. and adjust the oscillator shunt trimmer C6 for maximum output. Set the generator and receiver to 1500 kc. and adjust the r-f trimmer C2 for maximum output.



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CHASSIS
BOTTOM VIEW

MODEL 46-1201

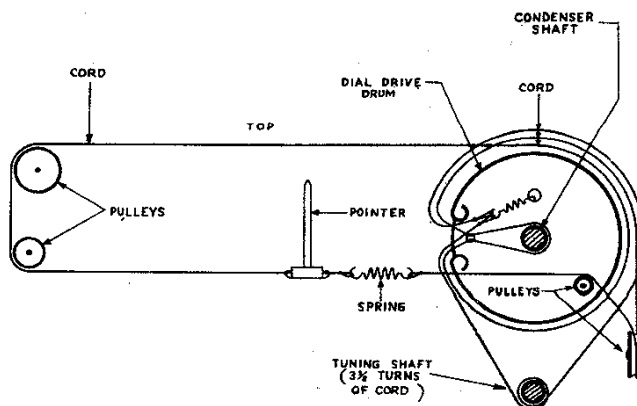
Code 122

PHILCO RADIO & TELEV. CORP.

SWITCH IN RADIO POSITION

VOLUME CONTROL ON FULL

TUBE	PIN	VTVM	VOLTAGE		RESISTANCE TO CIRCUIT GROUND
			20,000 OHMS PER VOLT	1000 OHMS PER VOLT	
7A8	1	0	0	0	11
	2	100	100	100	100 meg
	3	100	100	100	100 meg
	4	-12.5	-6.6	-3.4	130,000
	5	38	36	32	100 meg
	6	0		0	INFINITE
	7	0		0	0
	8	0		0	20
7B7	1	0	0	0	20
	2	100	100	100	100 meg
	3	38	36	34	100 meg
	4	-1	-0.4	-0.3	2.7 meg
	5	0	0	0	0
	6	-1	-0.4	-0.3	2.7 meg
	7	0	0	0	0
	8	0	0	0	13
7C6	1	0	0	0	0
	2	62	56	50	100 meg
	3	-0.9	-0.36	-0.3	10 meg
	4	0	0	0	0
	5	-1	-0.6	-0.3	2.5 meg
	6	-0.6	-0.4	-0.2	500,000
	7	0	0	0	0
	8	0	0	0	7
50A5	1	0	0	0	75
	2	100	100	100	100 meg
	3	100	100	100	100 meg
	4	0	0	0	INFINITE
	5	0	0	0	0
	6	0	0	0	400,000
	7	5.6	5.2	5.4	130
	8	0	0	0	20
35Y4	1	0	0	0	185
	2	0	0	0	180
	3	0	0	0	INFINITE
	4	0	0	0	180
	5	100	100	100	INFINITE
	6	100	100	100	INFINITE
	7	120	120	120	INFINITE
	8	0	0	0	1

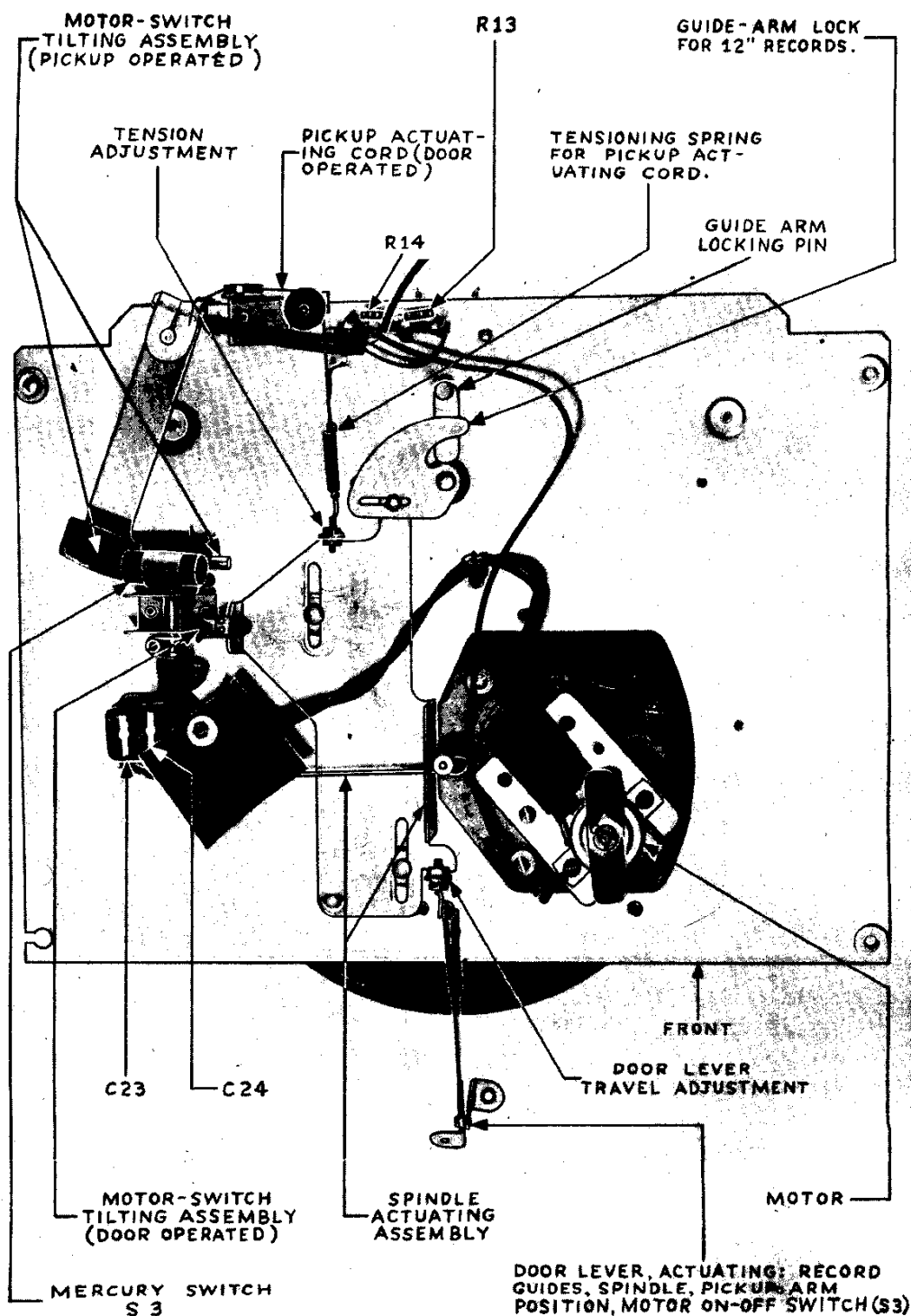


FRONT VIEW
DIAL DRIVE ASSEMBLY
(TUNING CONDENSER IN MAX. CAPACITY POSITION.)

PHILCO RADIO & TELEV. CORP.

MODEL 46-1201

Code 122

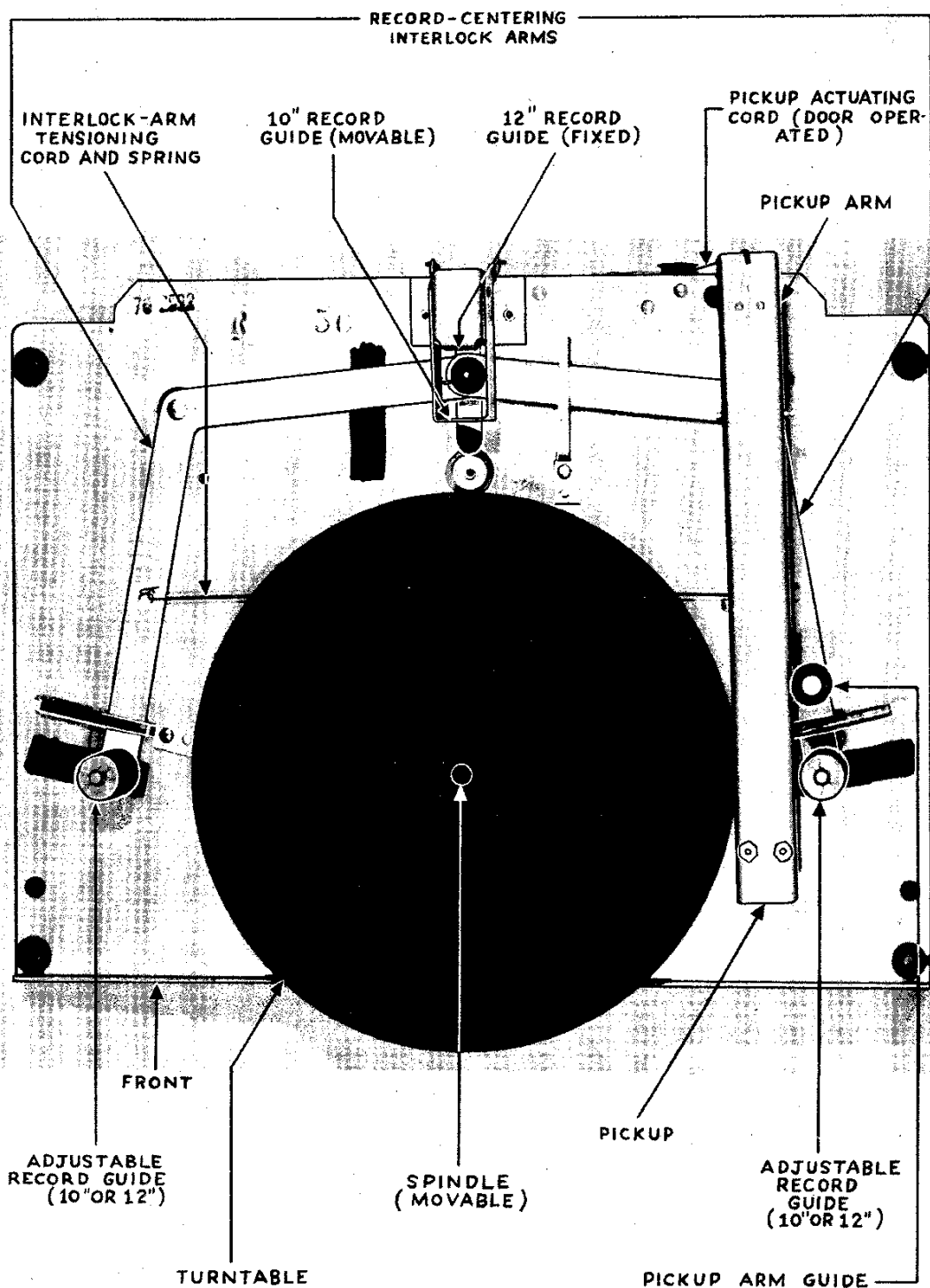


**BOTTOM VIEW
RECORD PLAYER**

MODEL 46-1201

Code 122

PHILCO RADIO & TELEV. CORP.



TOP VIEW
RECORD PLAYER