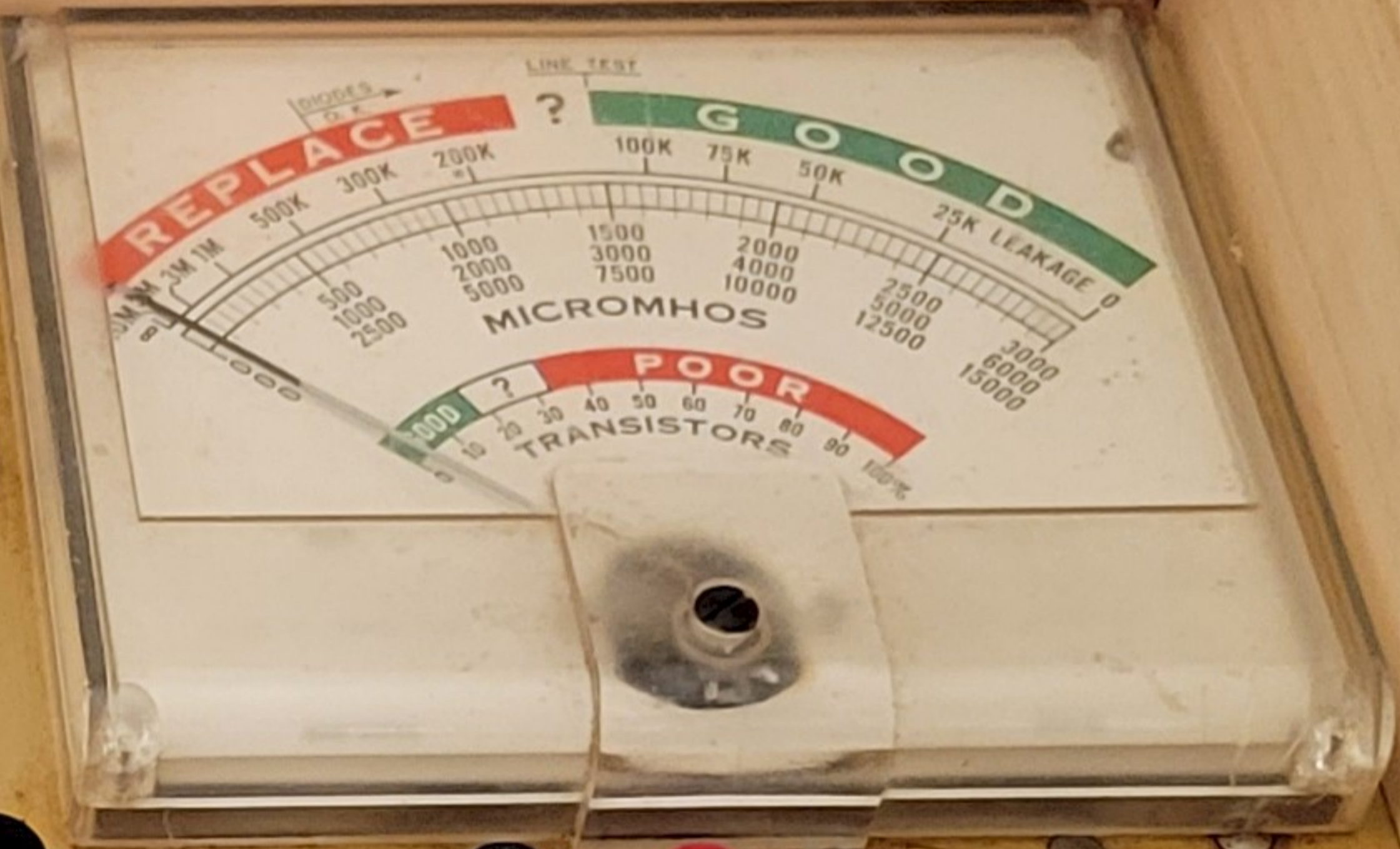


In creating the stand, I used a 4' piece of 1" x 12" ($\frac{3}{4}$ " x 11 $\frac{1}{4}$ " actual size) and a 2' piece of 1" x 4" ($\frac{3}{4}$ " x 3 $\frac{1}{2}$ " actual size) available from any Home Depot or Lowe's.

Using a table saw, I cut a $\frac{1}{4}$ " groove down the length of the board at 9" from one side. This makes everything consistent, as opposed to cutting the grooves later. I then cut the board into two 10" length pieces and one 17" length piece. This provides the sides and back of the stand.

Not listed in the blueprint was the piece of 1" x 4". This was cut to 15 $\frac{1}{2}$ " and provides a cross brace for the front of the stand to stabilize everything.

The dimensions provided allow for 4" of clearance below the transformer and 1" of clearance above the switches and meter. It is very flexible and not only allows for easy access to both the upper and lower parts of the unit, but you can also slide the plate out and turn it around or even upside down for easy access to the electronics from the shallow side of the stand. You can also add banana plug connectors to the side of the case with alligator clips to connect to the terminals of the Octal socket for easy access to the test points.



LINE FUSE

BIAS FUSE

BIAS

ENGLISH

FILAMENT

P2 P3 P4 P5 P6 P7

FILAMENT

FILAMENT

GRID

PLATE

SCREEN

CATHODE

SUPPRESSOR

LEAKAGE

GAIN

SELECTORS

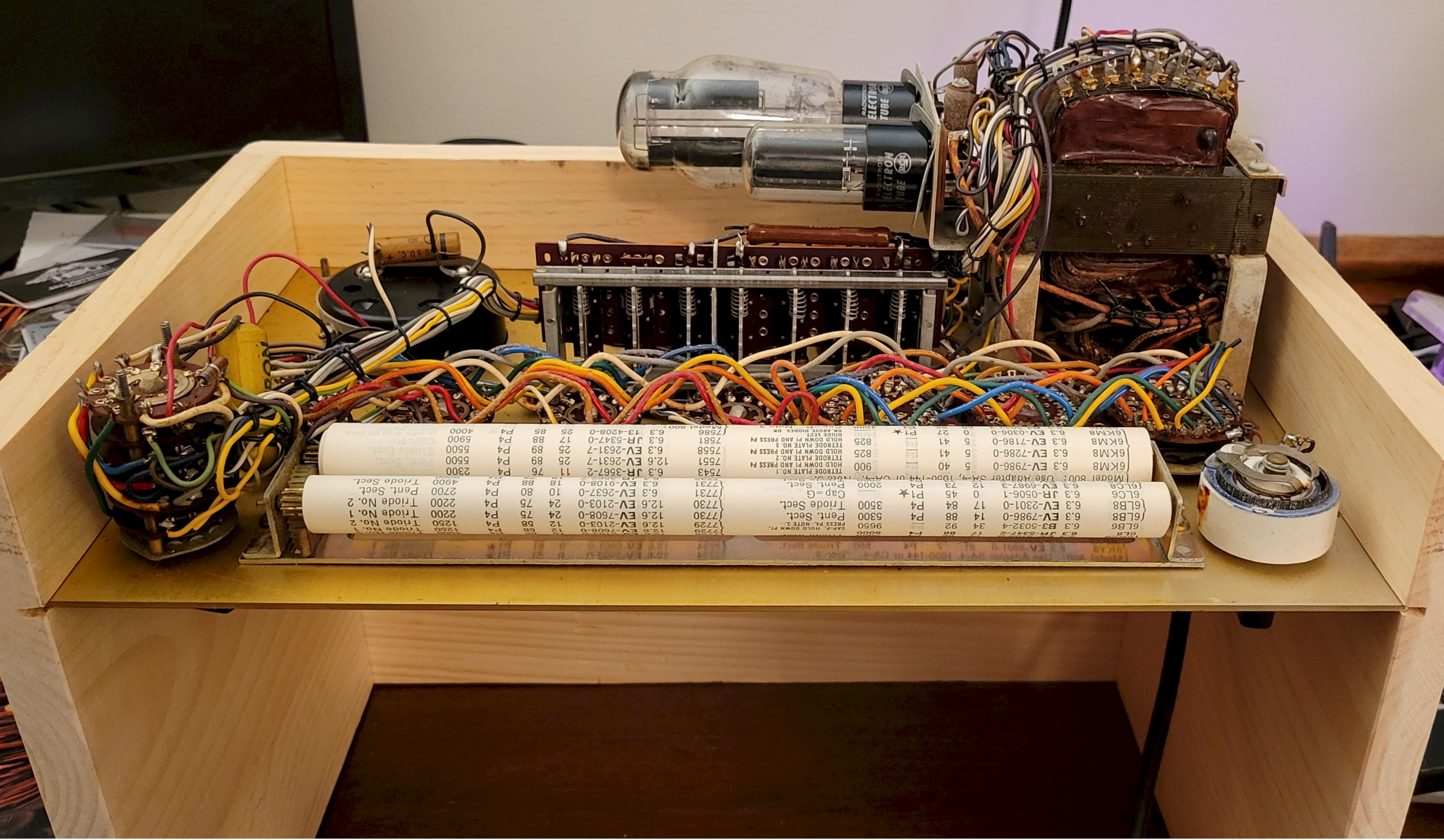
TUBE TYPE	FIL.	SELECTORS	BIAS	ENG.	PRESS	MUT. COND.	NOTATIONS	TUBE TYPE	FIL.	SELECTORS	BIAS	ENG.	PRESS	MUT. COND.	NOTATIONS
6KV8	6.3	EV-2301-0	17	71	P4	1825	Triode Sect.	7717	6.3	JR-3562-0	12	85		3500	HOLD DOWN P1 AND PRESS P
6KY6	6.3	EV-2781-3	15	89	P4	5500		7719	12.6	EV-2103-0	29	84	P4	3600	
6KY8	6.3	EV-2673-0	42	88	P4	5000	Pent. Sect.	7724	12.6	EV-8907-0	11	39	P4	850	Triode Sect.
6KY8	6.3	EV-9801-0	21	7	P4	550	Triode Sect.	7724	12.6	EV-0601-0	0	81	P1*		Diode No. 1

MODEL 800 *Micromha* DYNAMIC MUTUAL CONDUCTANCE TUBE-TRANSISTOR TESTER

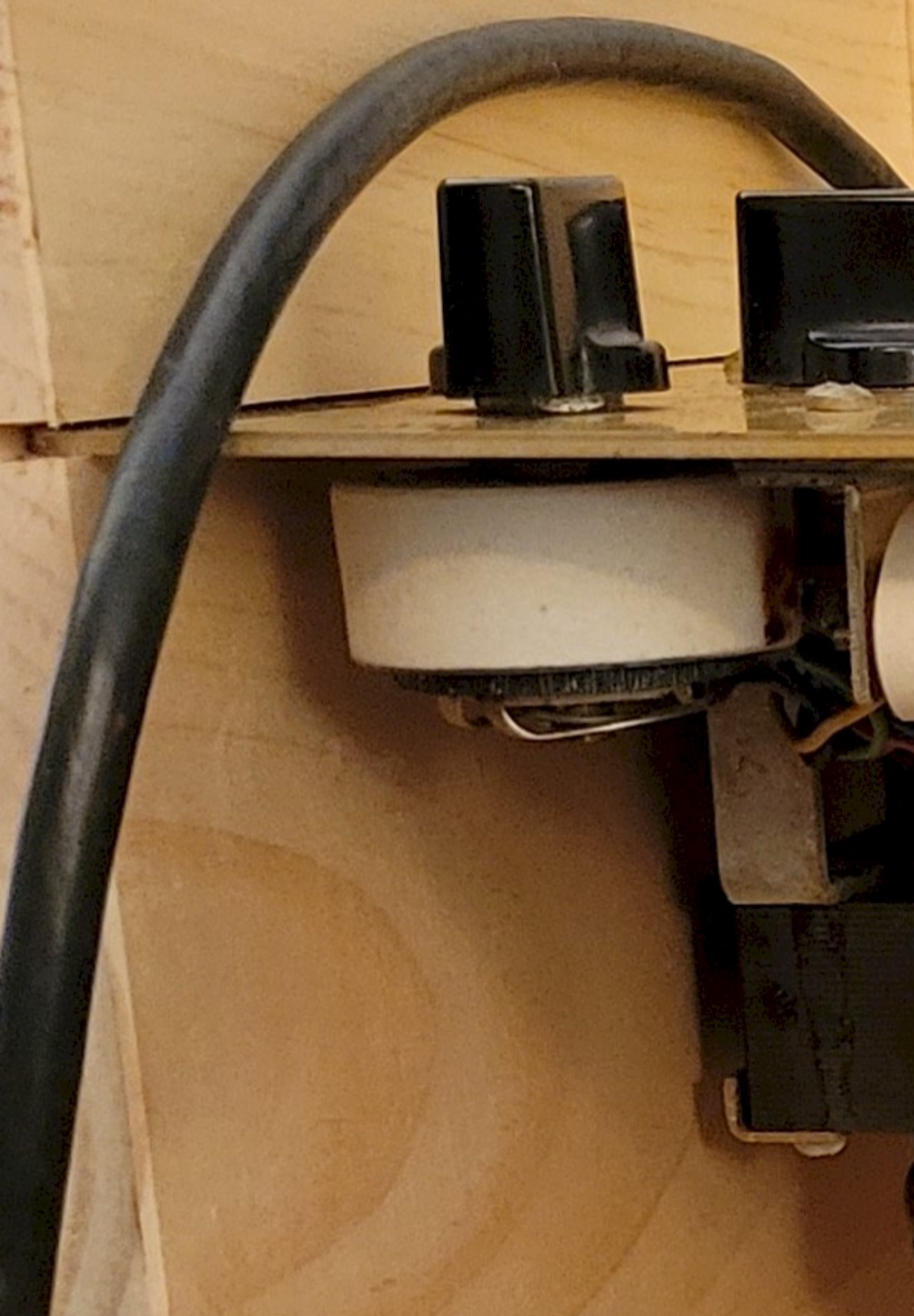
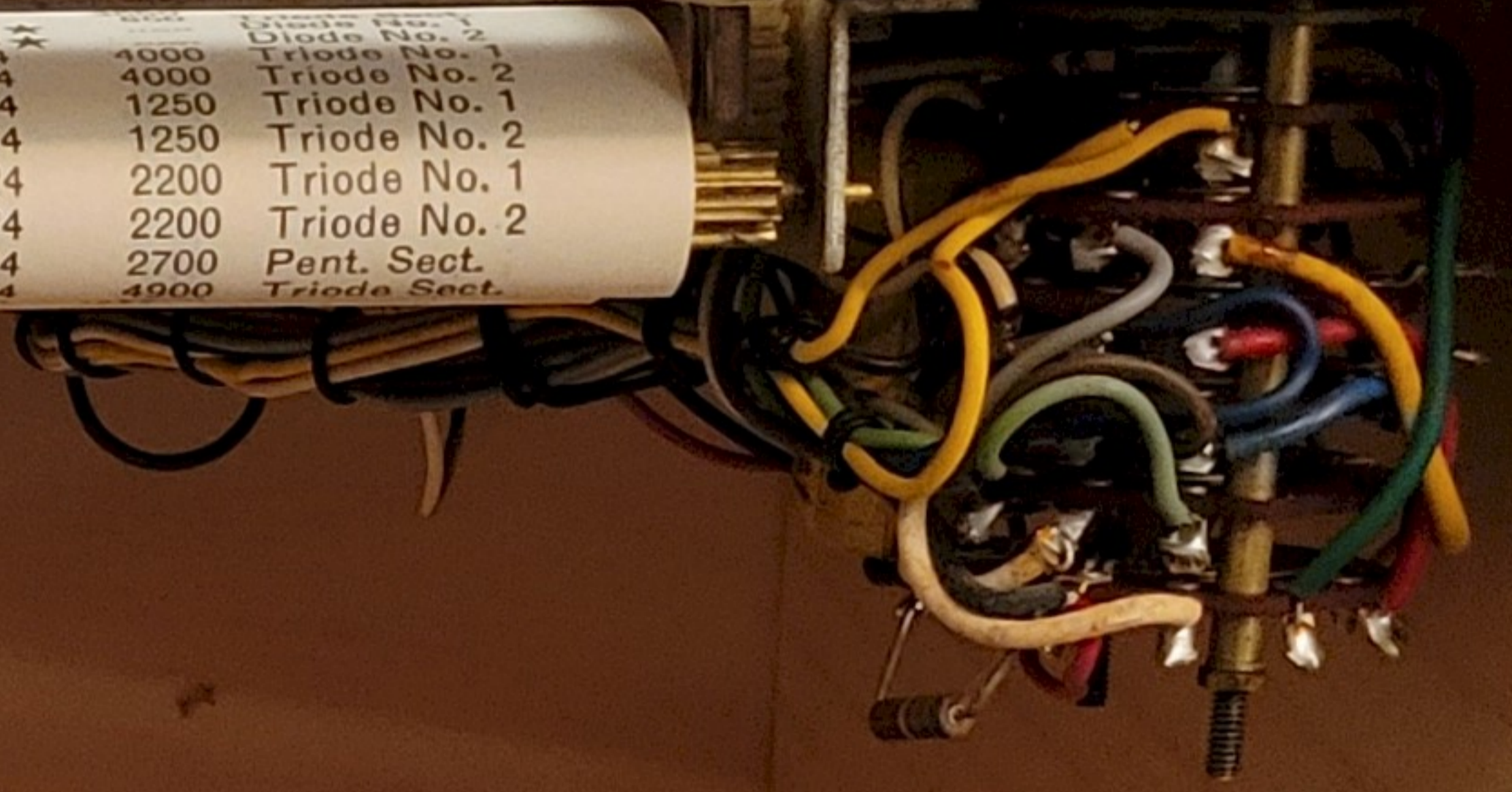
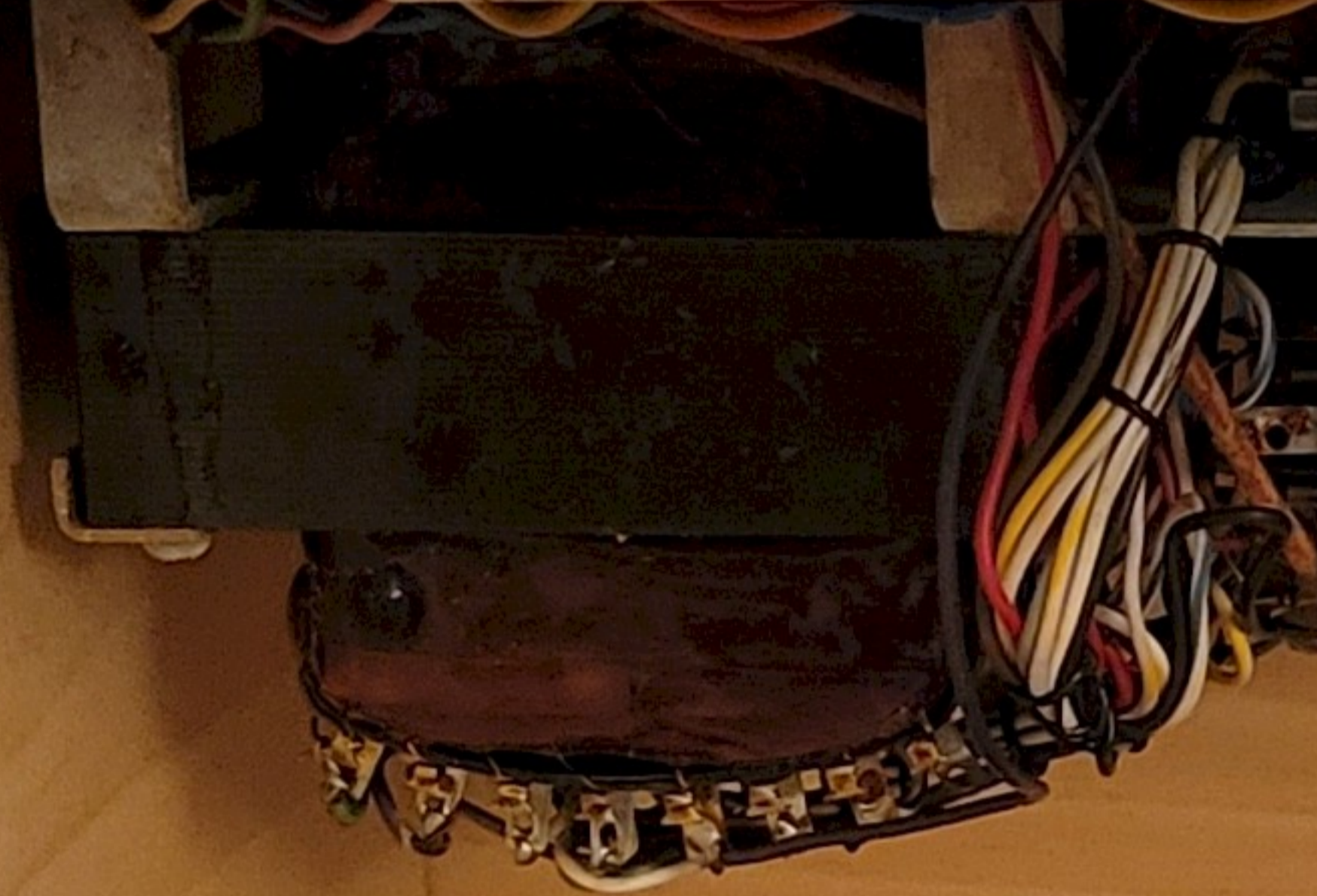


OFF LINE ADJUST

LEAKAGE



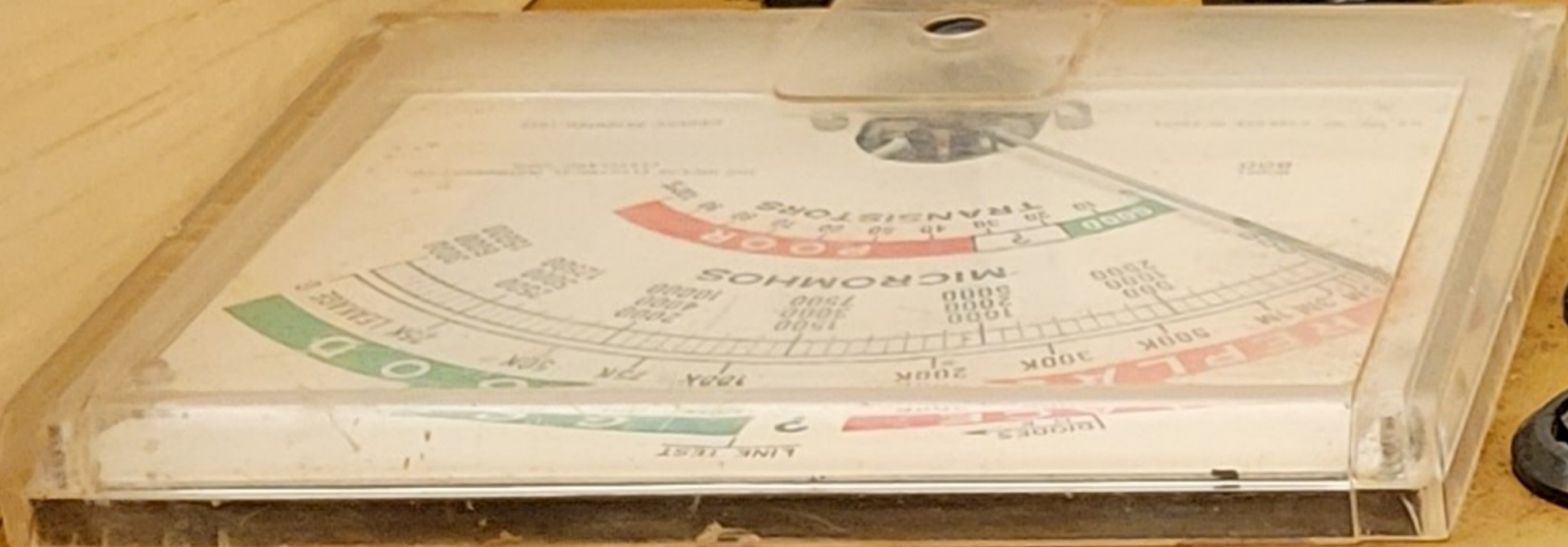
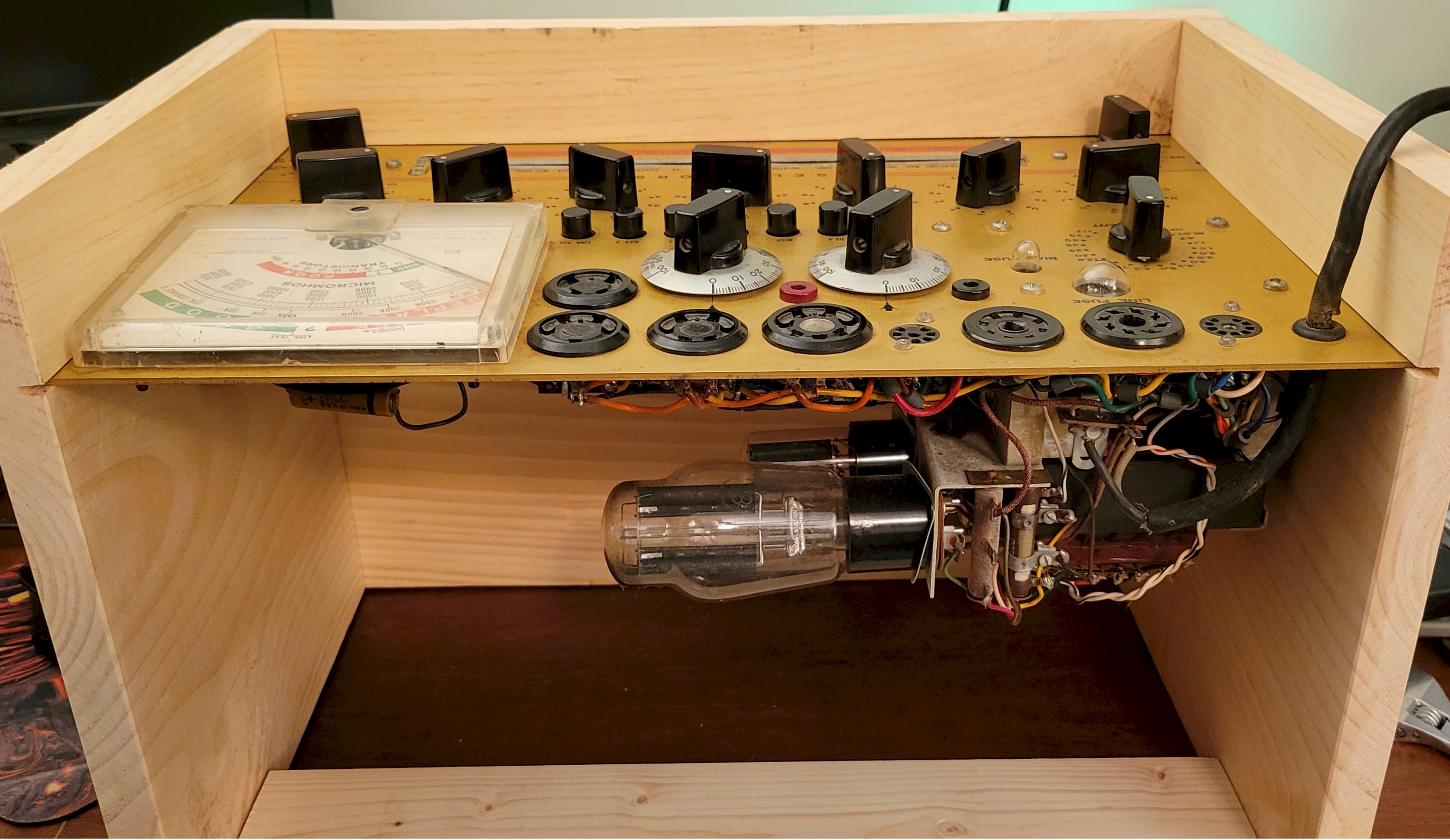
Model	6.3	EV-2637-0	12	78	P4	2500	Pent. Sect.	7724	12.6	EV-0851-0	10	85	P4	4000	Triode No. 2
6KZ8	6.3	EV-9108-0	14	88	P4	5000	Triode Sect.	7728	12.6	EV-2103-0	10	85	P4	4000	Triode No. 2
6L6	6.3	JR-5347-2	17	88	P4	5000	Triode Sect.	7729	12.6	EV-7608-0	12	58	P4	1250	Triode No. 1
6LB6	6.3	B3-5032-4	34	92	---	9650	CAP-P. HOLD DOWN P1, PRESS P4, NOTE 3.	7729	12.6	EV-2103-0	12	58	P4	1250	Triode No. 2
6LB8	6.3	EV-7986-0	14	88	P4	5300	Pent. Sect.	7730	12.6	EV-7608-0	24	75	P4	2200	Triode No. 1
6LB8	6.3	EV-2301-0	17	84	P4	3500	Triode Sect.	7730	12.6	EV-2103-0	24	75	P4	2200	Triode No. 2
6LC6	6.3	JR-0506-1	0	45	P1★	---	Cap-G	7731	6.3	EV-2637-0	10	80	P4	2700	Pent. Sect.
6LC6	6.3	EV-0987-2	12	73	P4	2000	Pent. Sect.	7731	6.3	EV-9108-0	18	88	P4	4900	Triode Sect.





MODEL 800 *Micro* DYNAMIC MUTUAL CONDUCTANCE TUBE-TRANSISTOR TESTER



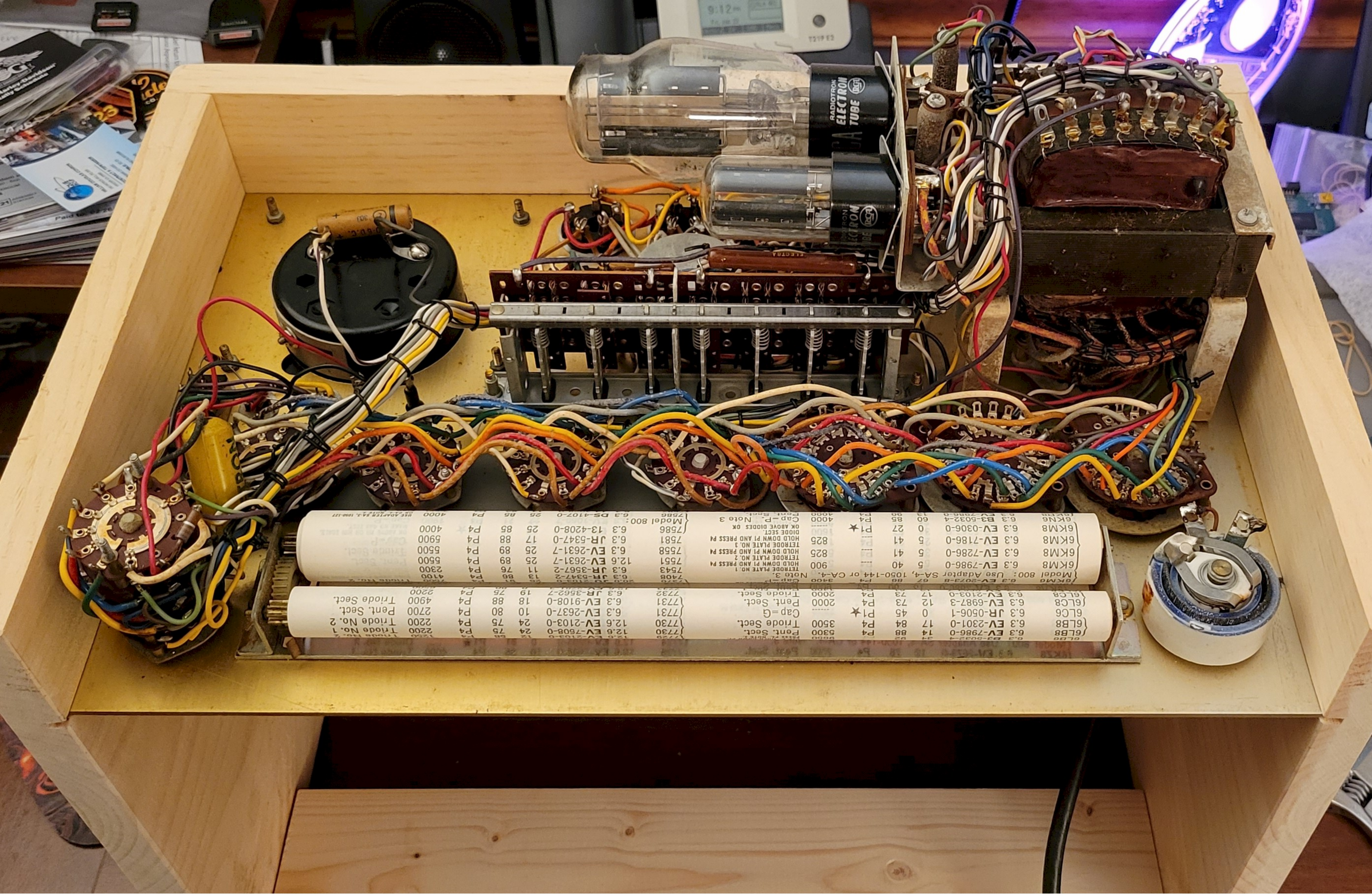


Various electronic components are visible on the yellow PCB, including:

- Two large black potentiometers with white circular scales and black knobs.
- Several smaller black knobs and switches.
- Two large black circular components, possibly capacitors or inductors.
- A red cylindrical component.
- Two clear glass vacuum tubes labeled "LINE FUSE".
- Various resistors and other small components.

The internal components of the device are visible through the wooden cabinet, including:

- A large, clear glass vacuum tube mounted vertically.
- A complex arrangement of wires and electronic components.
- A black power cord connected to the back of the device.



6X8 6.3 EV-7986-0 14 88 P4 5300 Pent. Sect. 7730 12.6 EV-7608-0 24 75 P4 2200 Triode No. 1 7730 12.6 EV-2103-0 24 75 P4 2200 Triode No. 2 7731 6.3 EV-2637-0 10 80 P4 2700 Pent. Sect. 7731 6.3 EV-9108-0 18 88 P4 4900 Triode Sect. 6LC8 6.3 EV-2103-0 17 73 P4 2000 Triode Sect. 6LB8 6.3 EV-2301-0 17 84 P4 3500 Triode Sect. 6LC6 6.3 JR-0506-1 0 45 P1* Cap=G 6K M8 6.3 EV-7186-0 5 41 P4 825 TETRODE PLATE NO. 1 6K M8 6.3 EV-2286-0 5 41 P4 825 TETRODE PLATE NO. 2 6K M8 6.3 EV-7286-0 5 40 P4 900 HOLD DOWN PI AND PRESS PA 6K M8 6.3 EV-0306-0 0 27 P1* 825 TETRODE PLATE NO. 3 6K M8 6.3 EV-5032-4 60 85 P4 4000 Cap. P, Note 3 6K M8 6.3 B3-5032-4 60 85 P4 4000 Cap. P, Note 3

Model 800: 7543 6.3 JR-3567-2 11 76 P4 2300 7551 12.6 EV-2631-7 25 89 P4 5500 7558 6.3 EV-2631-7 25 89 P4 5900 7581 6.3 JR-5347-0 17 88 P4 4000 7586 6.3 13-4208-0 25 85 P4 4000 Model 800: 6.3 DS-4107-0 25 85 P4 4000

6.3 EV-7986-0 14 88 P4 5300 Pent. Sect. 7730 12.6 EV-7608-0 24 75 P4 2200 Triode No. 1 7730 12.6 EV-2103-0 24 75 P4 2200 Triode No. 2 7731 6.3 EV-2637-0 10 80 P4 2700 Pent. Sect. 7731 6.3 EV-9108-0 18 88 P4 4900 Triode Sect. 6LC8 6.3 EV-2103-0 17 73 P4 2000 Triode Sect. 6LB8 6.3 EV-2301-0 17 84 P4 3500 Triode Sect. 6LC6 6.3 JR-0506-1 0 45 P1* Cap=G 6K M8 6.3 EV-7186-0 5 41 P4 825 TETRODE PLATE NO. 1 6K M8 6.3 EV-2286-0 5 41 P4 825 TETRODE PLATE NO. 2 6K M8 6.3 EV-7286-0 5 40 P4 900 HOLD DOWN PI AND PRESS PA 6K M8 6.3 EV-0306-0 0 27 P1* 825 TETRODE PLATE NO. 3 6K M8 6.3 EV-5032-4 60 85 P4 4000 Cap. P, Note 3 6K M8 6.3 B3-5032-4 60 85 P4 4000 Cap. P, Note 3

6LB8	6.3	EV-7986-0	14	88	P4	5300	Pent. Sect.	7730	12.6	EV-7608-0	24	75	P4	2200	Triode No. 1
6LB8	6.3	EV-2301-0	17	84	P4	3500	Triode Sect.	7730	12.6	EV-2103-0	24	75	P4	2200	Triode No. 2
6LC6	6.3	JR-0506-1	0	45	P1★	.....	Cap = G	7731	6.3	EV-2637-0	10	80	P4	2700	Pent. Sect.
6LC8	6.3	EV-6987-3	12	73	P4	2000	Pent. Sect.	7731	6.3	EV-9108-0	18	88	P4	4900	Triode Sect.
6LC8	6.3	EV-2103-0	17	73	P4	2000	Triode Sect.	7732	6.3	JR-3562-7	19	75	P4	2200	.....
6KM8	6.3	EV-7986-0	5	40	.....	900	TETRODE PLATE NO. 1 HOLD DOWN P1 AND PRESS P4	7543	6.3	JR-3567-2	11	76	P4	2500	.....
6KM8	6.3	EV-7286-0	5	41	.....	825	TETRODE PLATE NO. 2 HOLD DOWN P1 AND PRESS P4	7551	12.6	EV-2631-7	25	89	P4	5500	Triode Sect.
6KM8	6.3	EV-7186-0	5	41	.....	825	TETRODE PLATE NO. 3 HOLD DOWN P1 AND PRESS P4	7558	6.3	EV-2631-7	25	89	P4	5500	Cap = P
6KM8	6.3	EV-0306-0	0	27	P1★	.....	DIODE SECT. OK ABOVE DIODES OK	7581	6.3	JR-5347-0	17	88	P4	5900	.....
6KN6	6.3	B3-5032-4	60	85	P4	4000	Cap = P. Note 3	7586	6.3	13-4208-0	25	85	P4	4000	.....
6KN6	6.3	EV-7986-0	13	88	P4	4000	Pent. Sect.	7588	6.3	DS-4107-0	25	85	P4	4000	USE ADAPTER PA-3, 1050-127 NOTE 3

