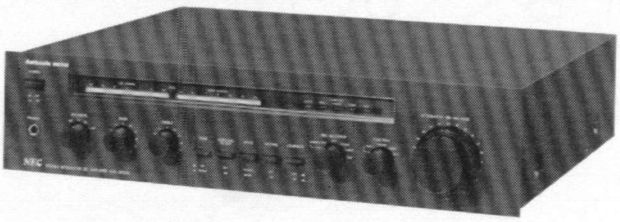
NEC Authentic series

MODEL AUA-8300E
TYPE (BE)/(BS)

STEREO AMPLIFIER
SERVICE MANUAL

SER. NO. 4027

Better Service
Better Reputation
Better Profit



AUA-8300E (BE)

AUA-8300E (BS)

Specifications

ELECTRICAL PERFORMANCE	NOMINAL VALUE
Continuous Output Power	65W RMS x 2 (8 ohms)
20Hz–20kHz both channels driven	75W RMS x 2 (4 ohms)
Total Harmonic Distortion	
Rated Power at 20Hz–20kHz	0.03%
30W Power at 20Hz–20kHz	0.01%
1W Power at 20Hz–20kHz	0.01%
Intermodulation Distortion	
Rated Power at 60Hz:7kHz = 4:1	0.03%
30W Power at 60Hz:7kHz = 4:1	0.01%
1W Power at 60Hz:7kHz = 4:1	0.01%
Power Bandwidth	
(1HF both channels driven at 8 ohms)	5Hz–45kHz
Damping Factor at 20Hz–20kHz	30 (8 ohms)
Recommended Speaker Impedance	
Speakers A & B Terminals	4–16 ohms
Speakers A + B Terminals	8–16 ohms
Headphone Jack	4–16 ohms
Input Sensitivity/Impedance	
PHONO	2.5mV/47k ohms
TUNER/AUX/TAPE-1/TAPE-2	150mV/47k ohms
PHONO Overload	300mV maximum
TAPE-1 & TAPE-2 Output Level	140mV
Frequency Response	
PHONO	20Hz–20kHz ± 0.2dB
TUNER/AUX/TAPE-1/TAPE-2	5Hz–50kHz + 0dB, –1dB.
Signal to Noise Ratio	(IHF A-network, shortcircuit)
PHONO	84dB
TUNER/AUX/TAPE-1/TAPE-2	105dB
Tone Control Response	
BASS	±10dB at 100Hz.
TREBLE	±10dB at 10kHz.
Loudness Control Response	(at –40dB volume control setting)
100Hz	+6dB
10kHz	+3dB
Muting Attenutation	20dB
Subsonic Filter Efficiency	15Hz (–6dB/Oct.)

Power Supply & Service Outlet

TYPE	BS	BE
Voltave (V AC)	220	110/120/220/240
Hertz (Hz)	50	50/60
Switched Service Outlet	NIL	1
Unswitched Service Outlet	NIL	1

Dimensions	450W x 100H x 340D (mm).
Weight	Approximately 13 kgs.

Nippon Electric Co.,Ltd.
TOKYO, JAPAN

Disassembly Instructions

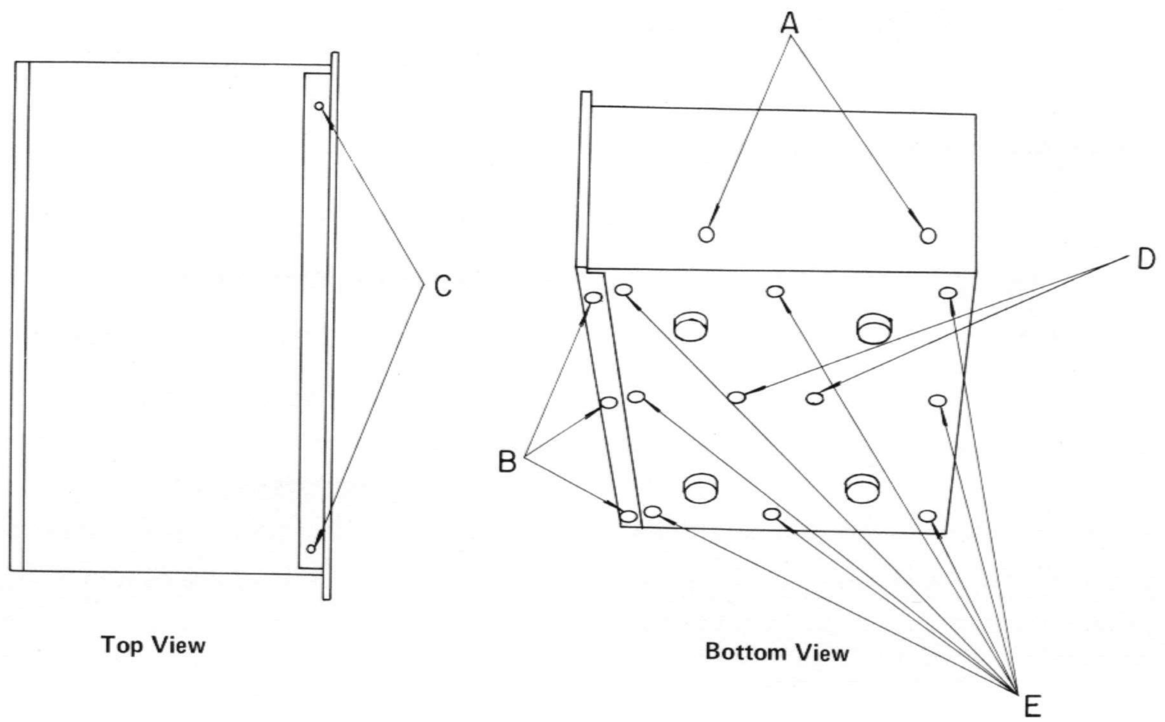


Figure 1.

Removing cabinet top and bottom cover. See Figure 1.

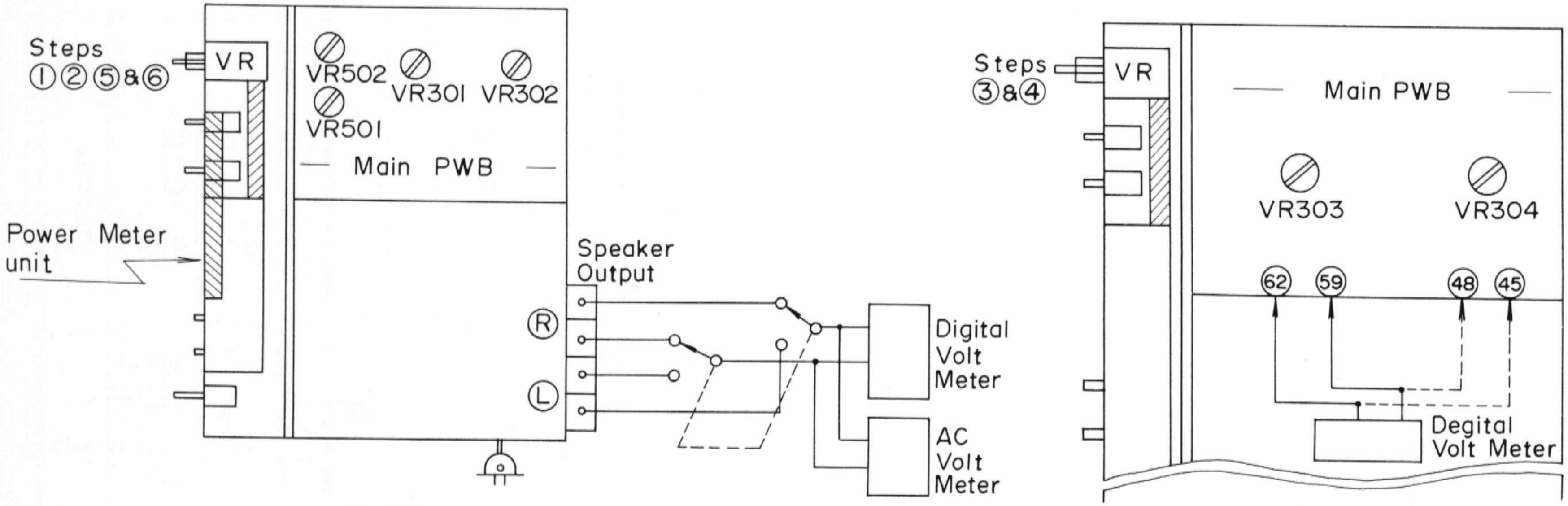
1. Remove four cabinet screws (A) from left and right sides and lift off cabinet.
2. Remove eight bottom cover screws (E) and remove two bottom cover screws (D) then lift off bottom cover.

Removing front panel. See Figure 1.

1. Remove two front panel screws (C) and three front panel screws (B) then lift off front panel.

   Note: Before removing front panel, be sure to take off seven knobs.

Alignment Method



Top View

Equipment Connections

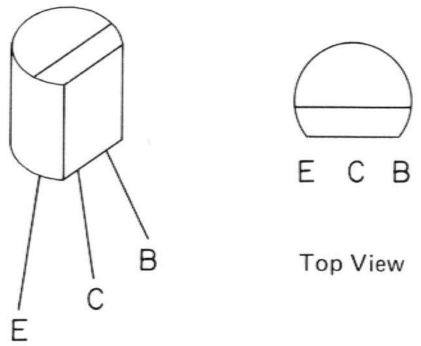
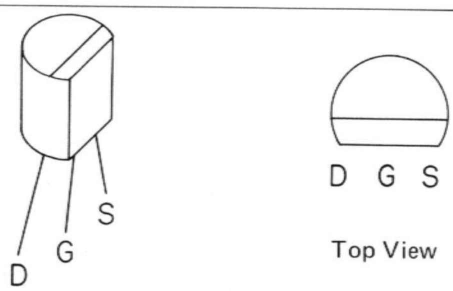
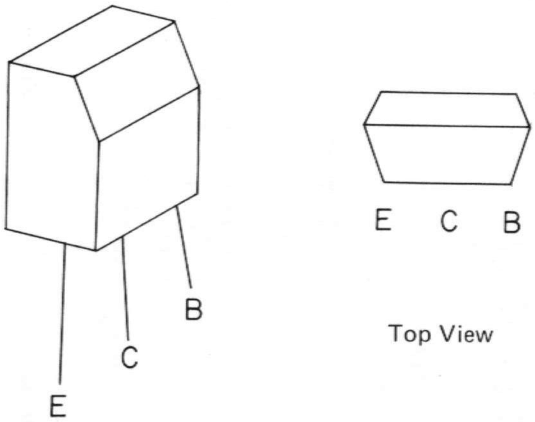
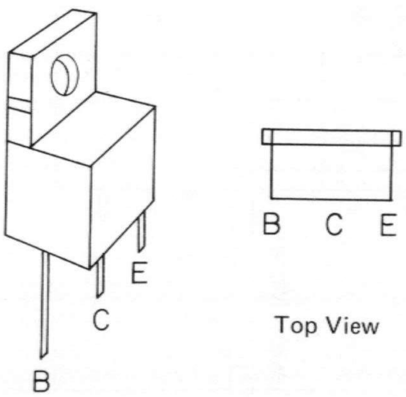
Bottom View

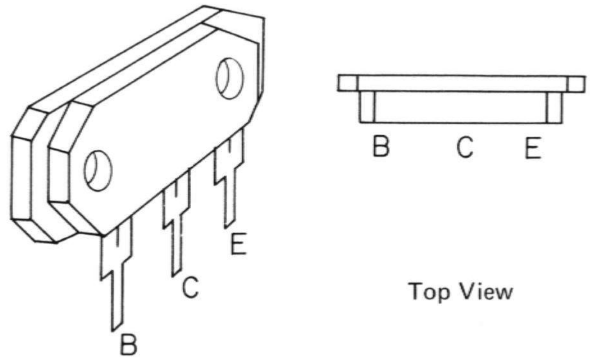
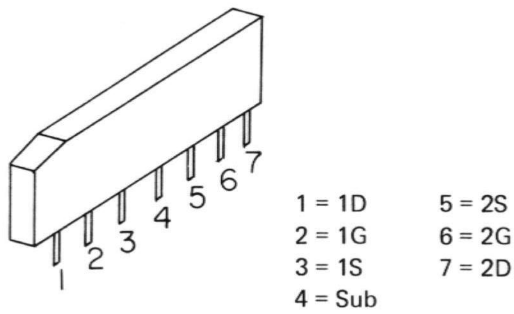
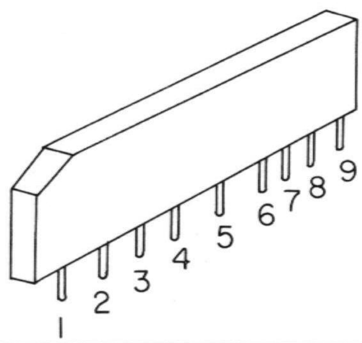
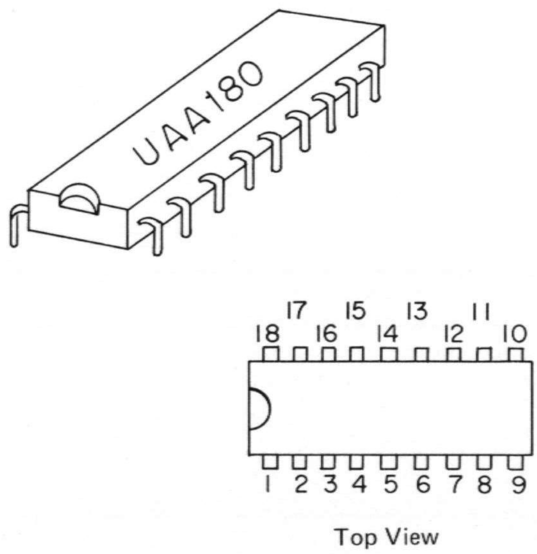
ALIGNMENT CHECK METHOD

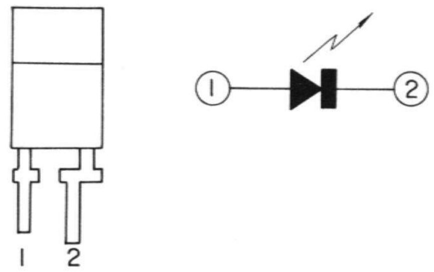
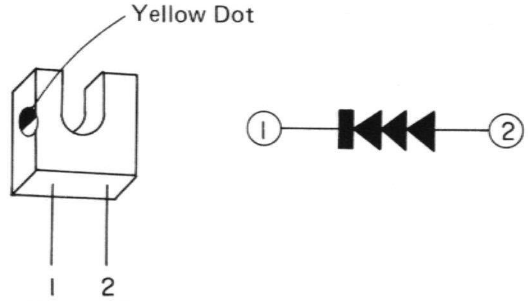
Preparation: Set BS type power supply to 220 V AC ± 2% 50 Hz, and set BE type power supply to 110 V AC ± 2% 50/60 Hz.
Set VR to min. position at items 1 to 4.
Set VR to max. position at items 5 and 6.

Step	Input terminal		Input signal		Output terminal			Output signal	Remarks
	Hot	Earth	Freq.	Level	Hot	Earth	Level		
1.					SP (L)	SP (G)	Less than ± 5 mV DC	Adjust within 0 mV ± 5 mV speaker output on DC VTVM with VR301.	The items 1 and 4 are needed to adjust more than twice.
2.					SP (R)	SP (G)	"	"VR302" same as above.	
3.					P324 (62)	P324 (59)	30 mV DC	Adjust voltage of between (59) and (62) to 20 mV ± 2 mV with VR303.	
4.					P318 (45)	P318 (48)	30 mV DC	"Voltage of between (45) and (48)" Same as above.	
5.	Tuner		1 kHz		SP (L)		15 V (28.125 W/8 Ω)	Adjust number third power meter lightens completely from left side with VR501.	Set mode switch to "MONO" position and confirm that number third power meter disappears.
6.	Tuner		1 kHz		SP (R)		15 V (28.125 W/8 Ω)	"VR502" same as above.	

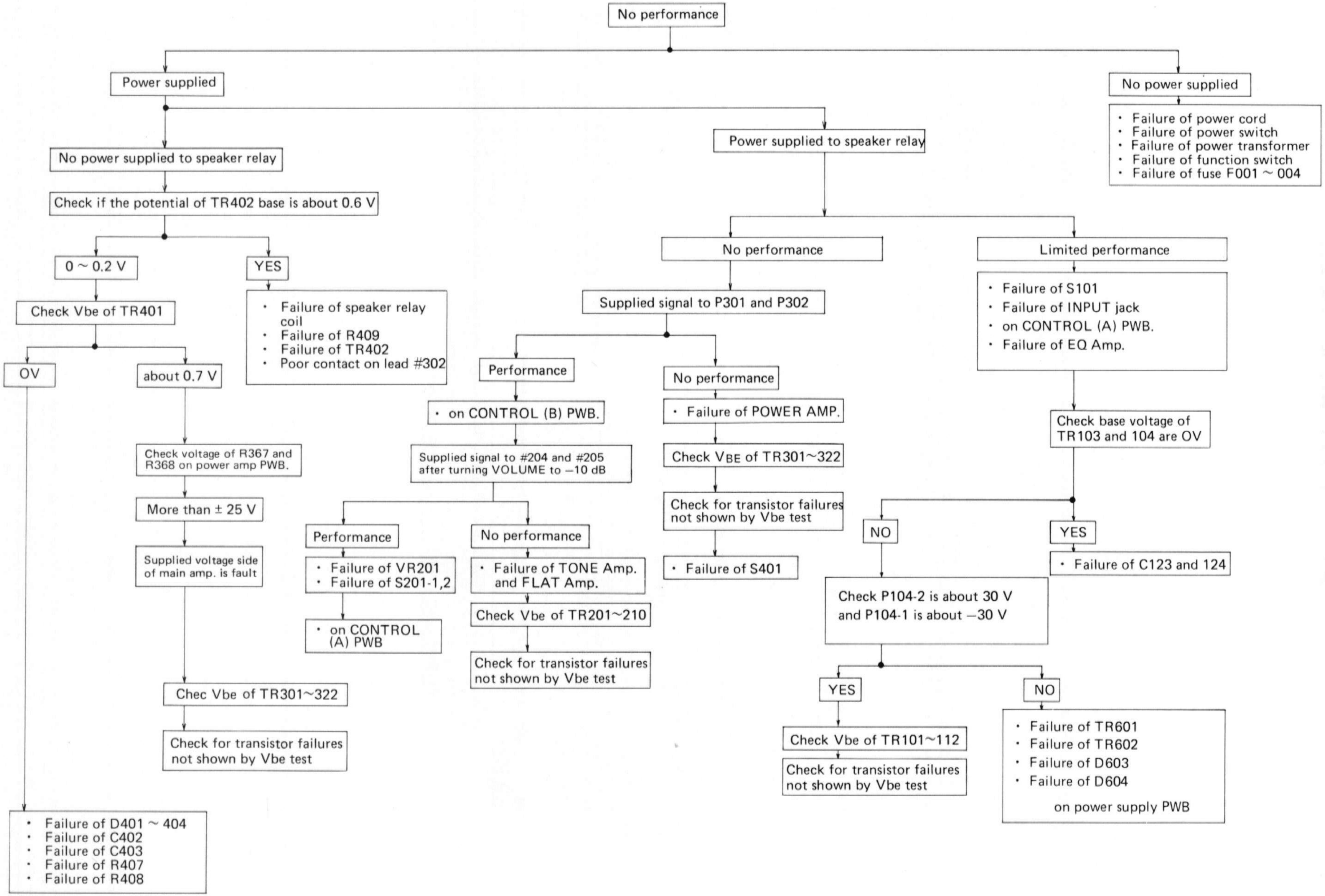
Diode, TR & IC Base Connections

TR101 ~ 104 TR105, 106 TR111, 112 TR205, 206 TR209, 210 TR303 ~ 306 TR401 TR109, 110 TR203, 204 TR207, 208 TR317, 318 TR323, 324 TR504 TR319 ~ 322	2SA991 (F) 2SC1845 (E, F) " " " 2SC1845 (E) 2SC1845 (E, F) 2SA992 (E, F) " " 2SA733 (P, Q) " " 2SC945 (P, Q)	
TR201, 202	2SK163 (L, M)	
TR307 ~ 310 TR311, 312 TR402	2SA916 (L) 2SC1941 (L) 2SC1941 (L)	
TR313, 314 TR602 TR503 TR315, 316 TR601	2SD381 (K) 2SD381 (L, K) " 2SB538 (K) 2SB538 (L, K)	

TR001, 002 TR003, 004	2SD745 (Q, R) 2SB705 (Q, R)	
IC301, 302	μPA63H (L,M)	
IC501	TA7318P	
IC701 x 2 pcs	UAA180	

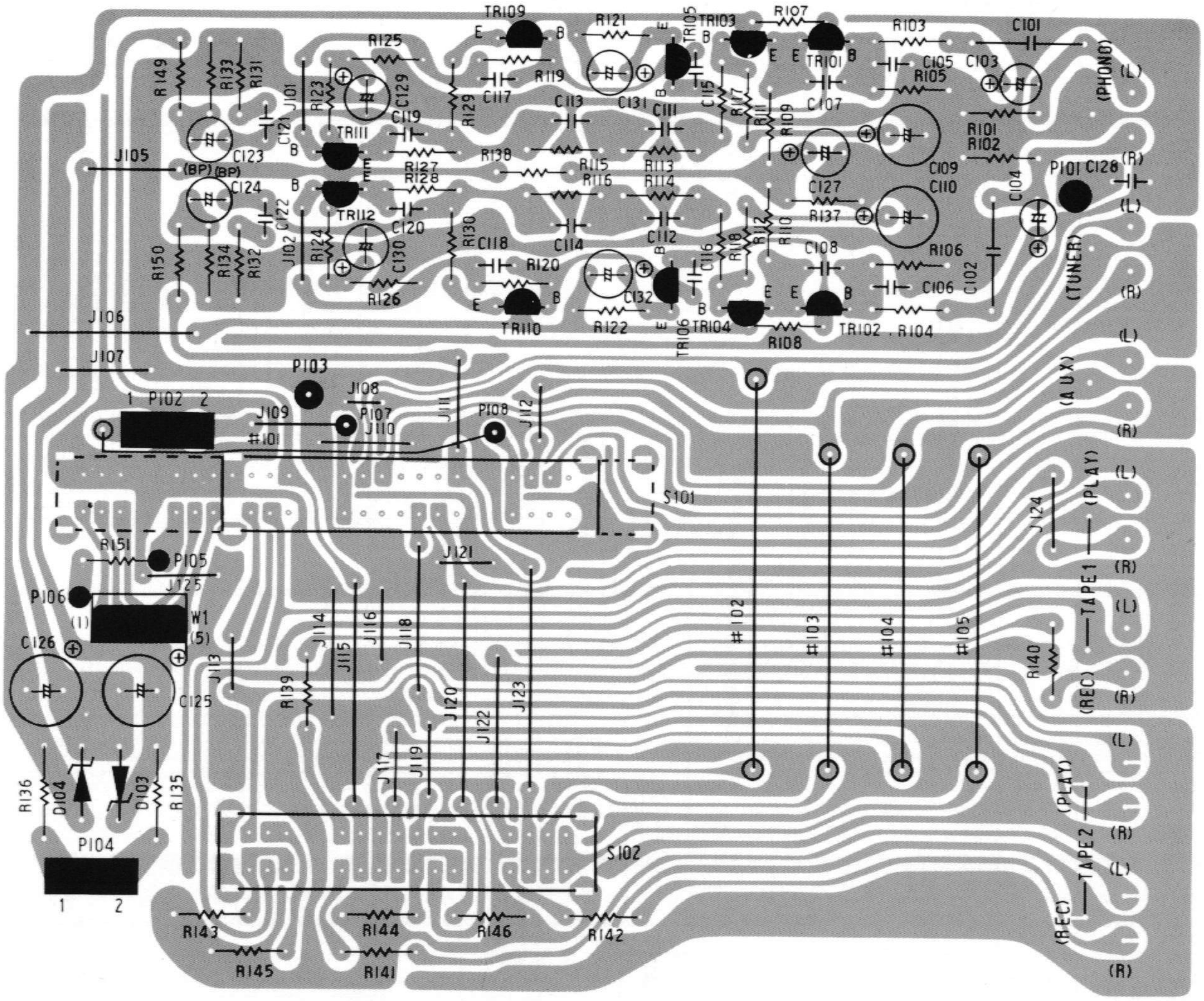
D801 ~ 5	TLR205	
D311, 312	STV3H-Y	

Troubleshooting

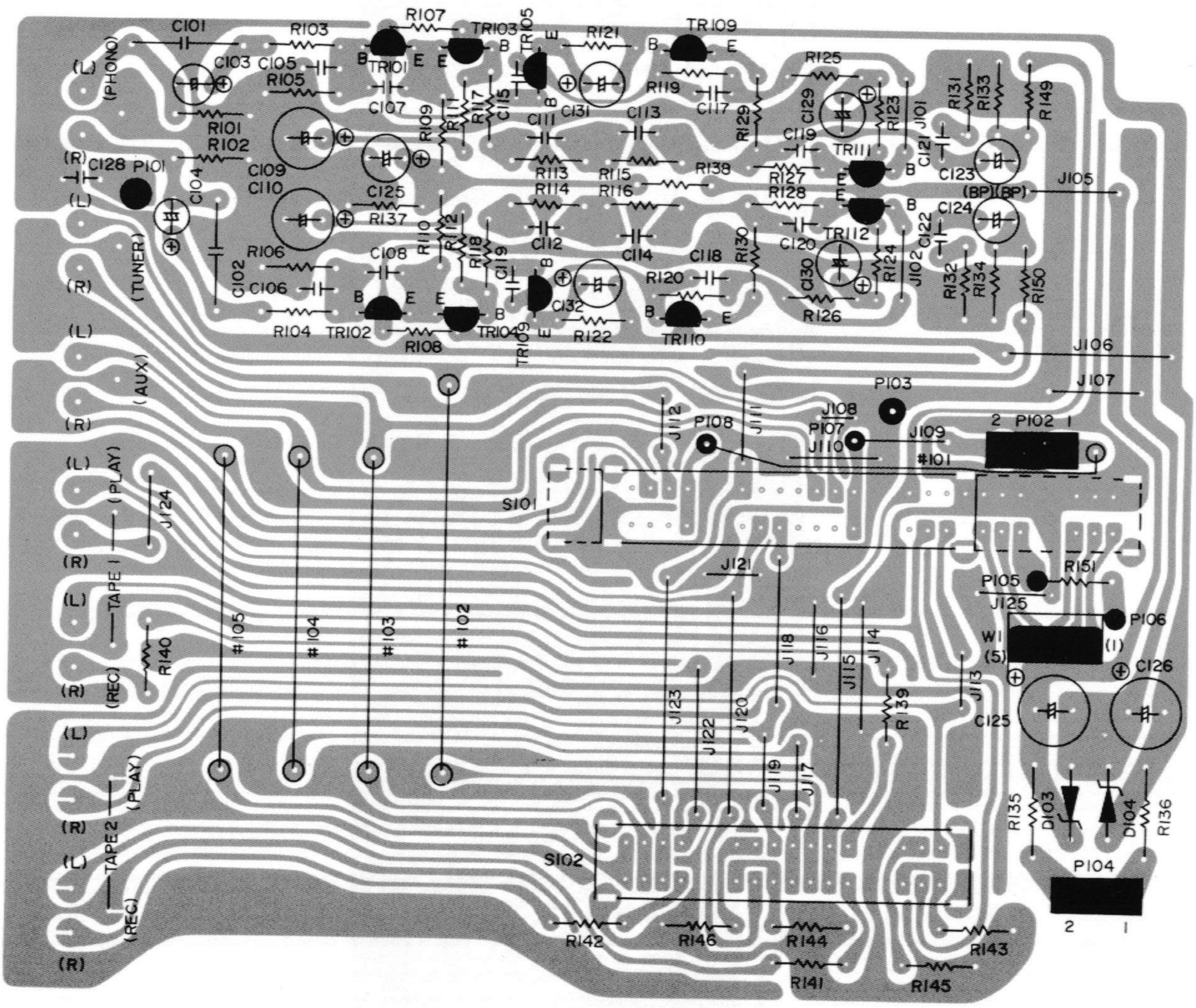


Control (A) PWB ASS'Y

– Component Side –

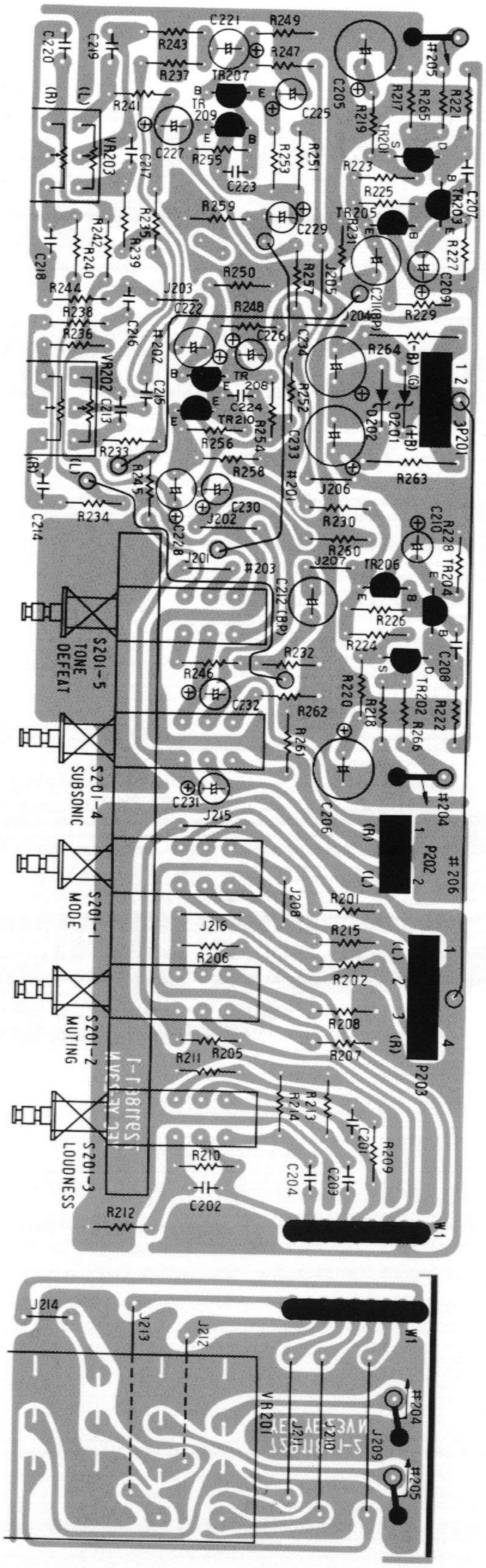


— Solder Side —

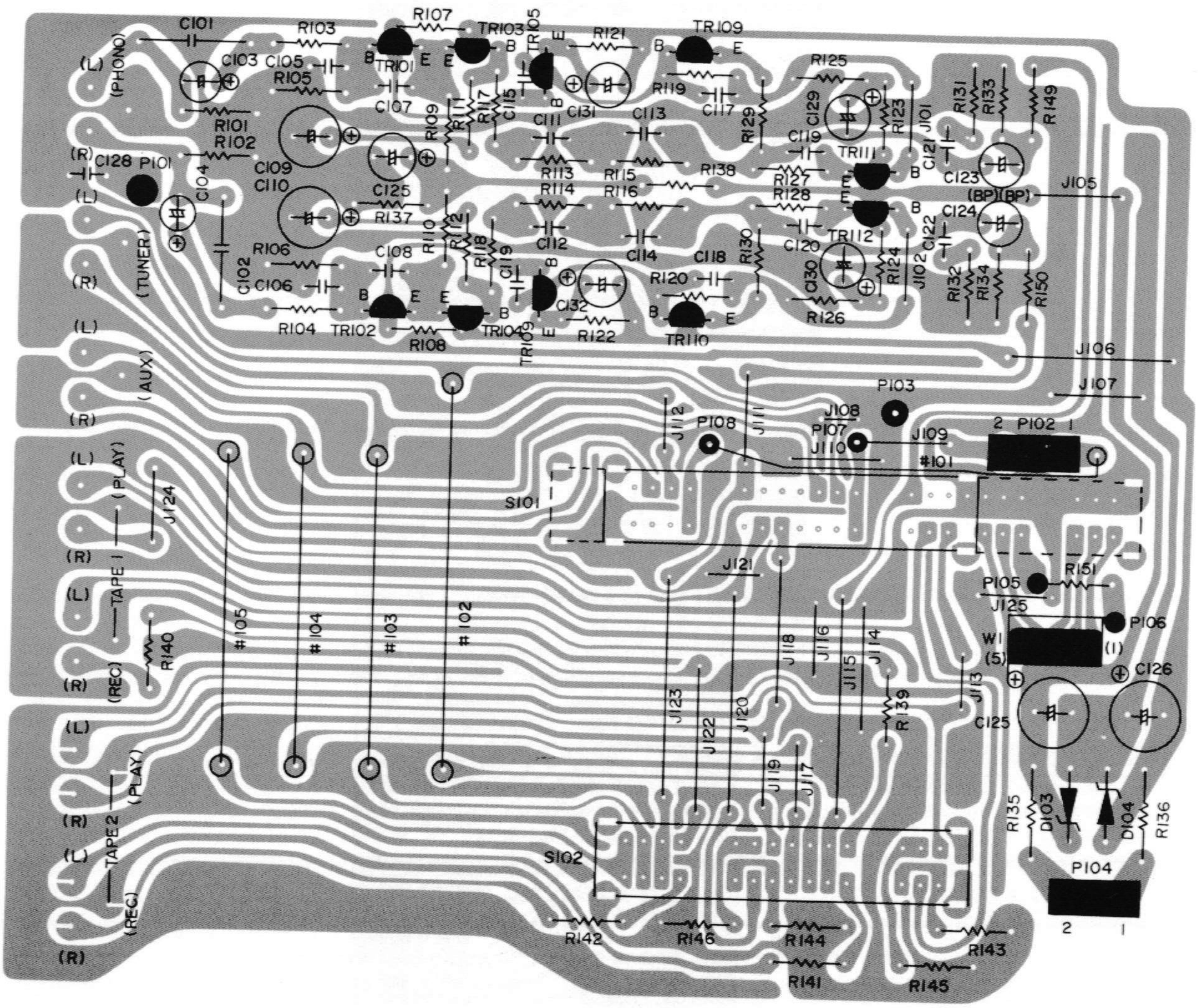

(PHONO)
(TUNER)
(AUX)
TAPE 1
TAPE 2
(PLAY)
(REC)
S101
S102
P101
P102
P103
P104
P105
P106
P107
P108
W1
TR101
TR102
TR103
TR104
TR105
TR109
TR110
TR111
TR112
D103
D104

Control (B) PWB ASS'Y

– Component Side –

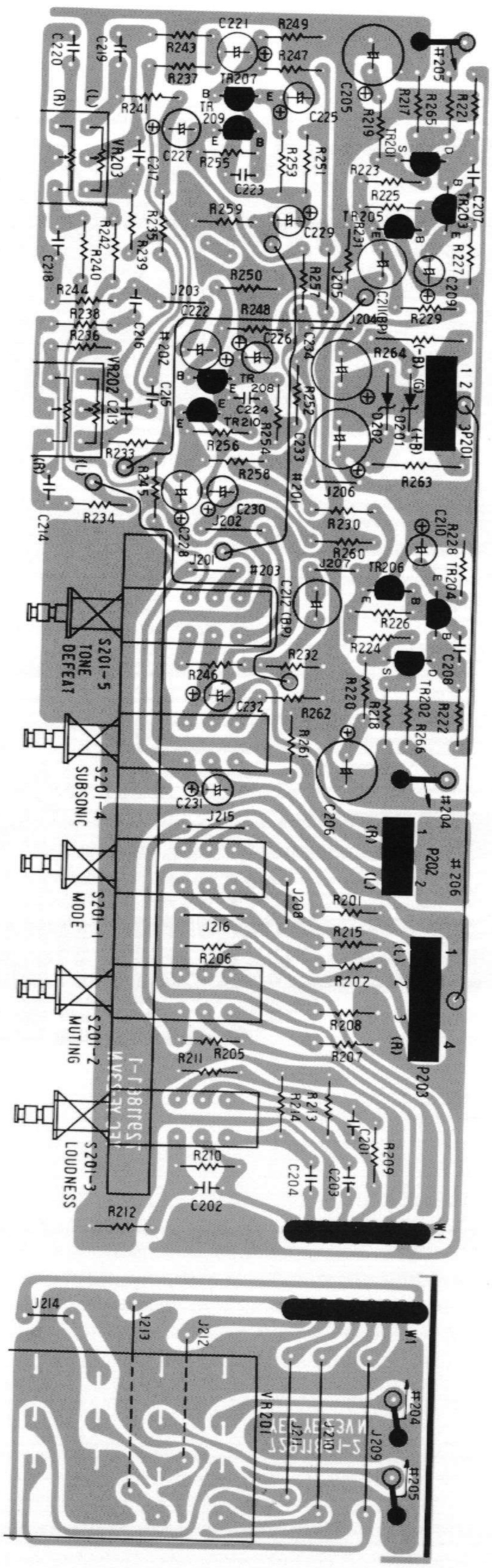


— Solder Side —

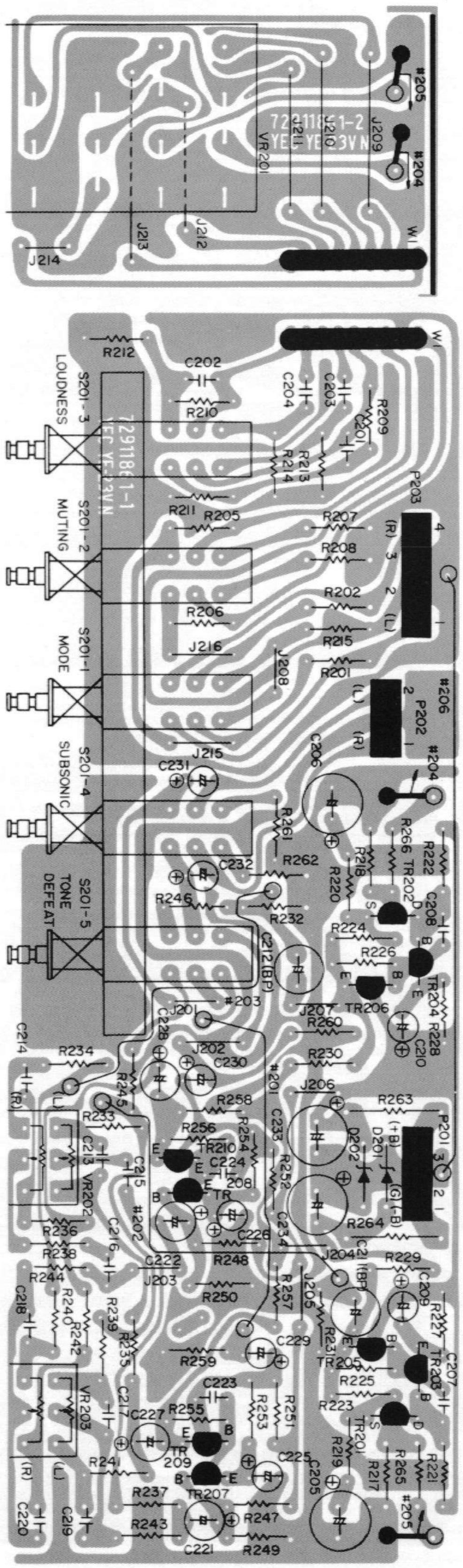


Control (B) PWB ASS'Y

— Component Side —

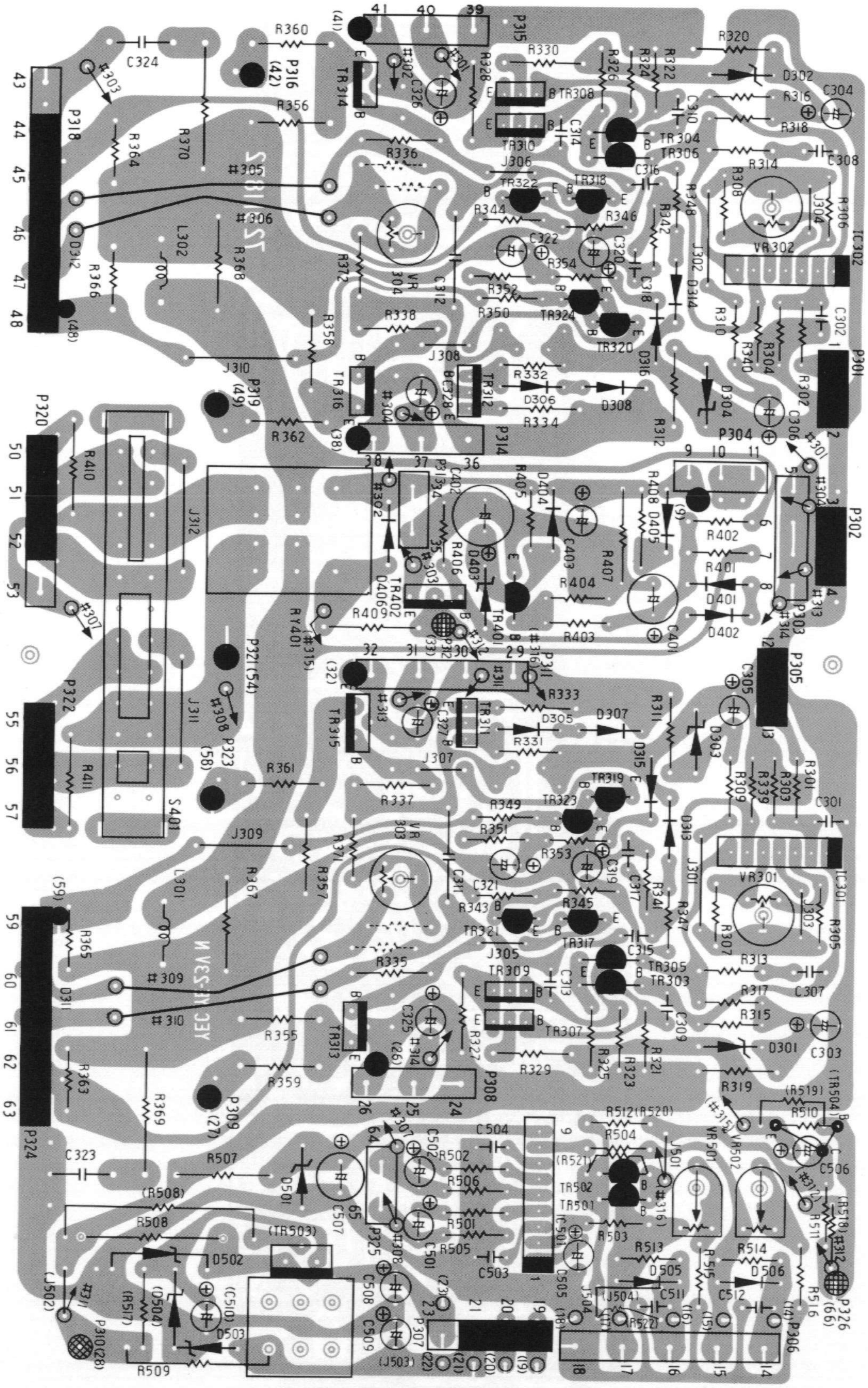


— Solder Side —

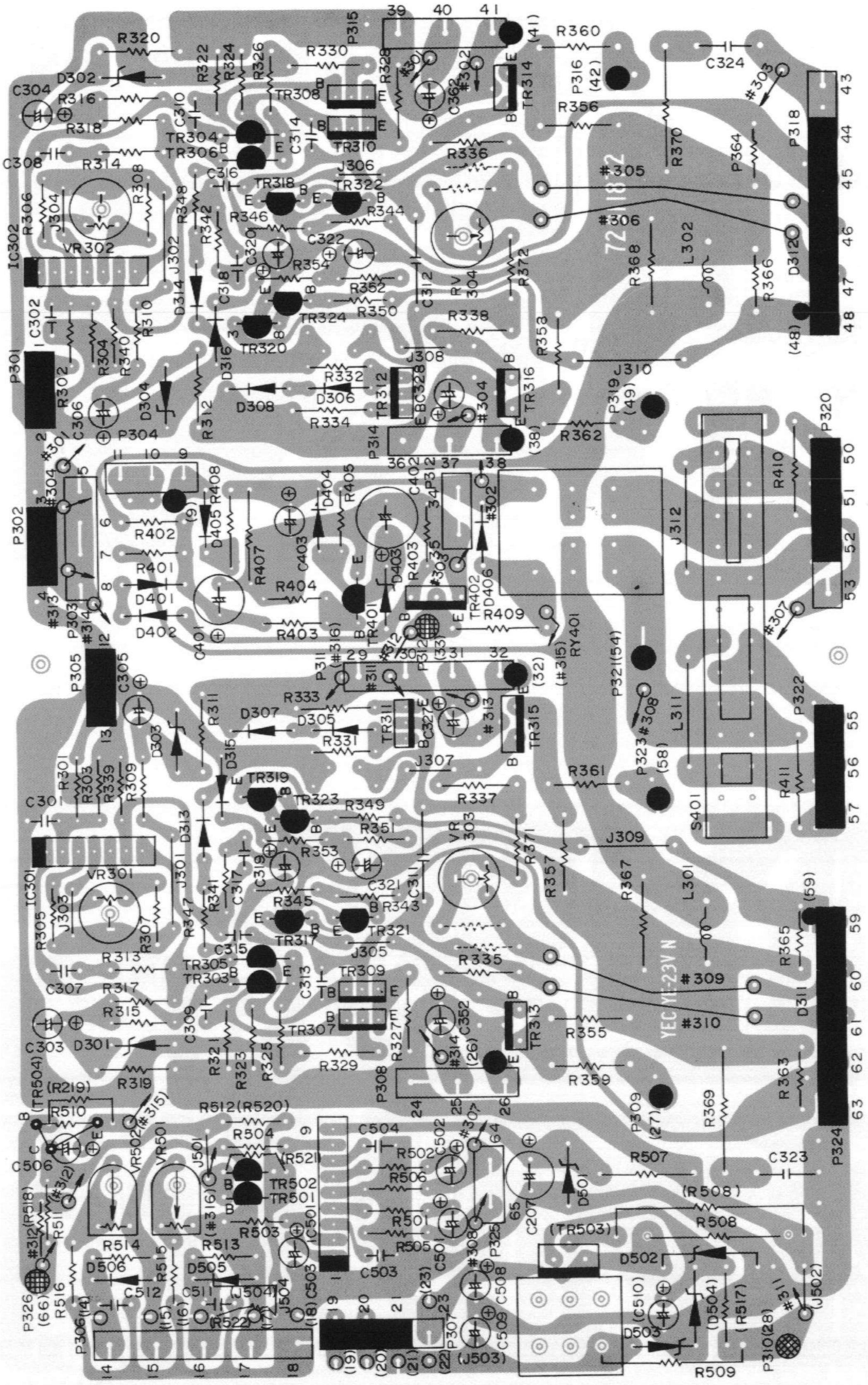


Main PWB ASS'Y

— Component Side —

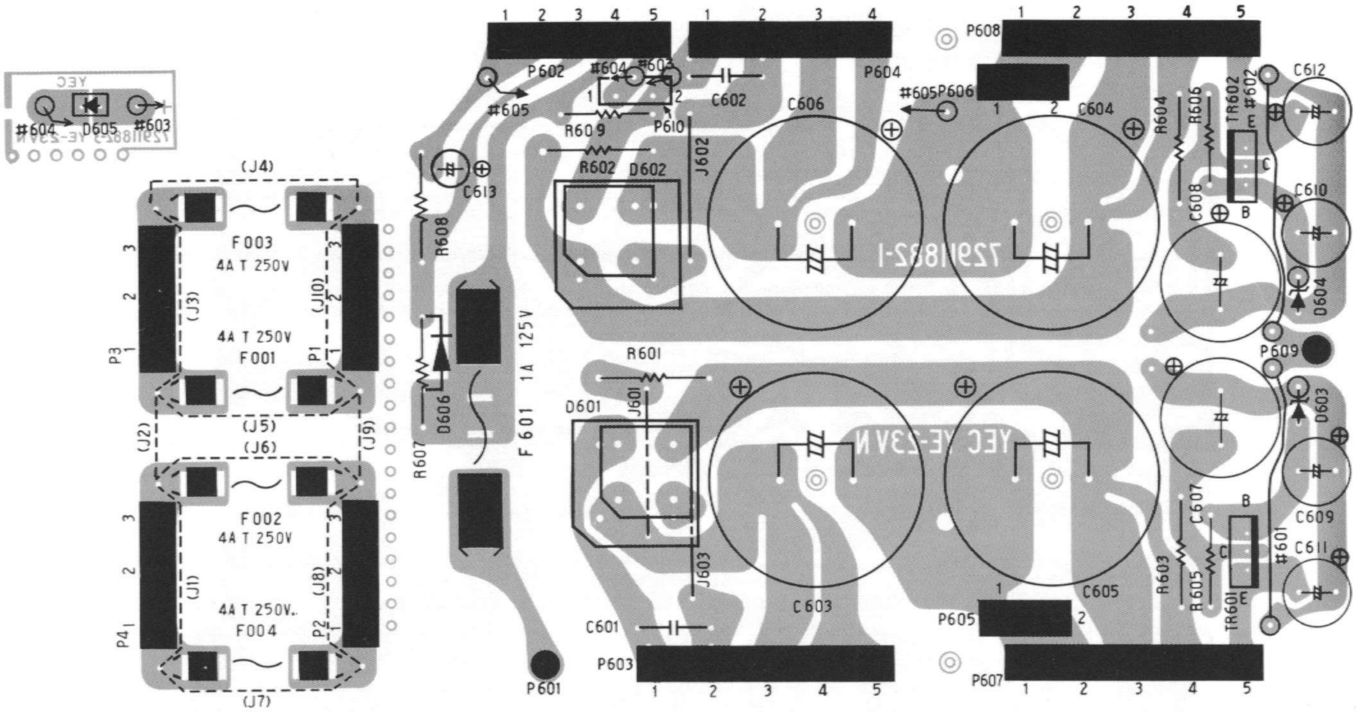


— Solder Side —

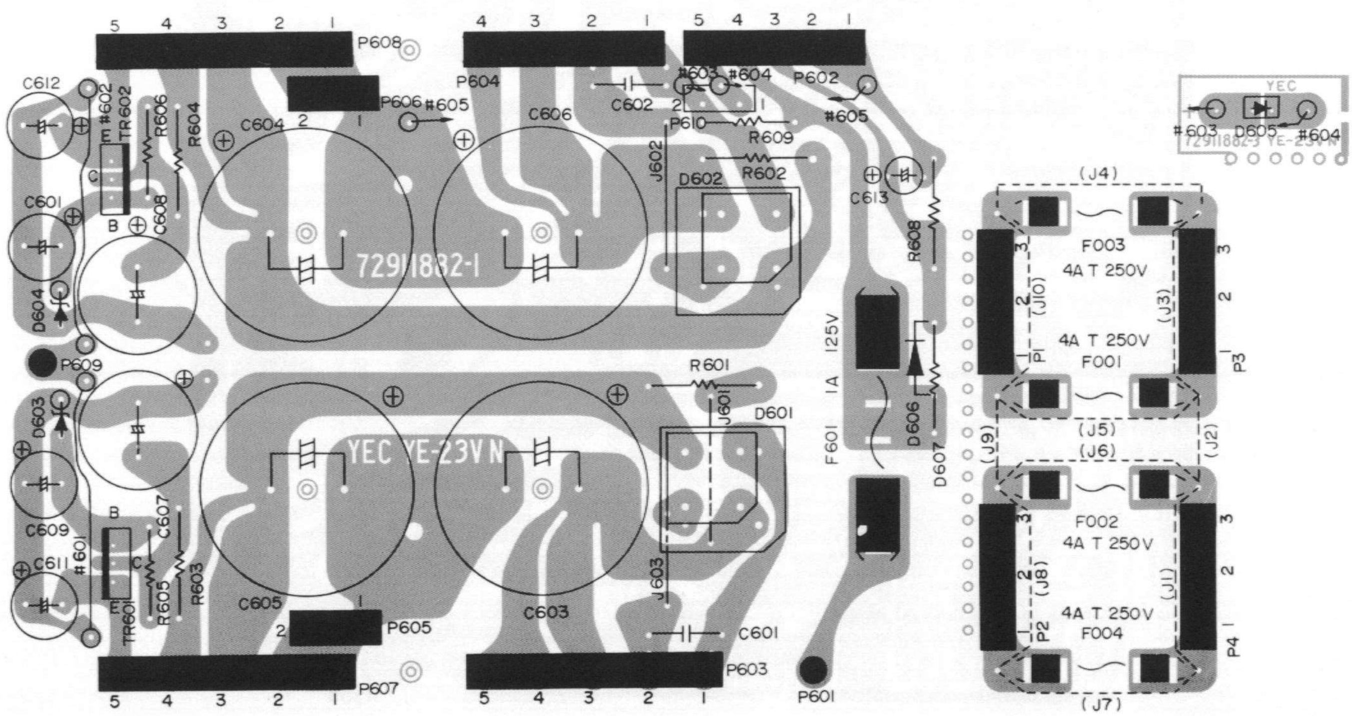


Power Supply PWB ASS'Y

— Component Side —

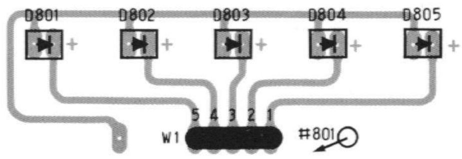


— Solder Side —

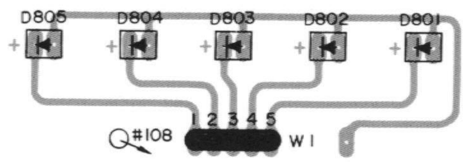


Indicator PWB ASS'Y

— Component Side —

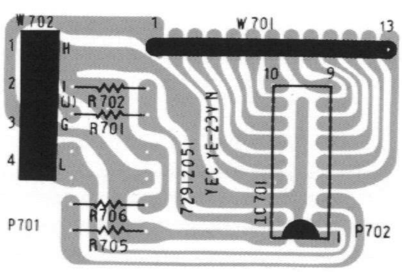


— Solder Side —

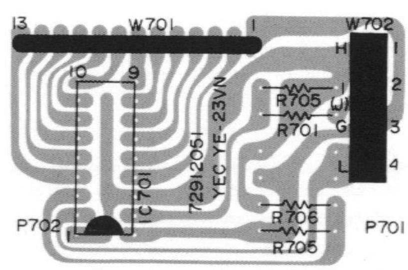


Power Meter PWB ASS'Y

— Component Side —

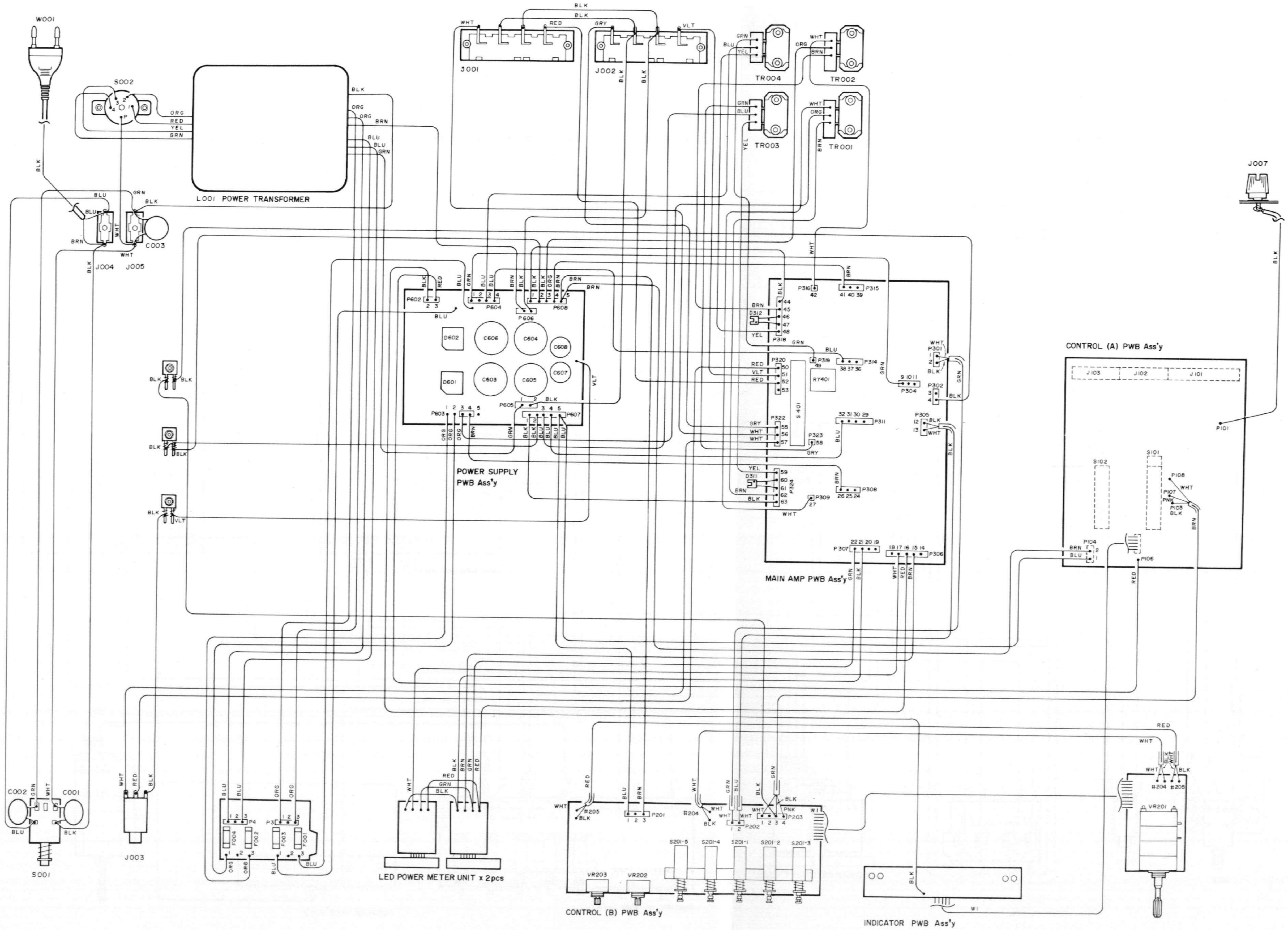


— Solder Side —

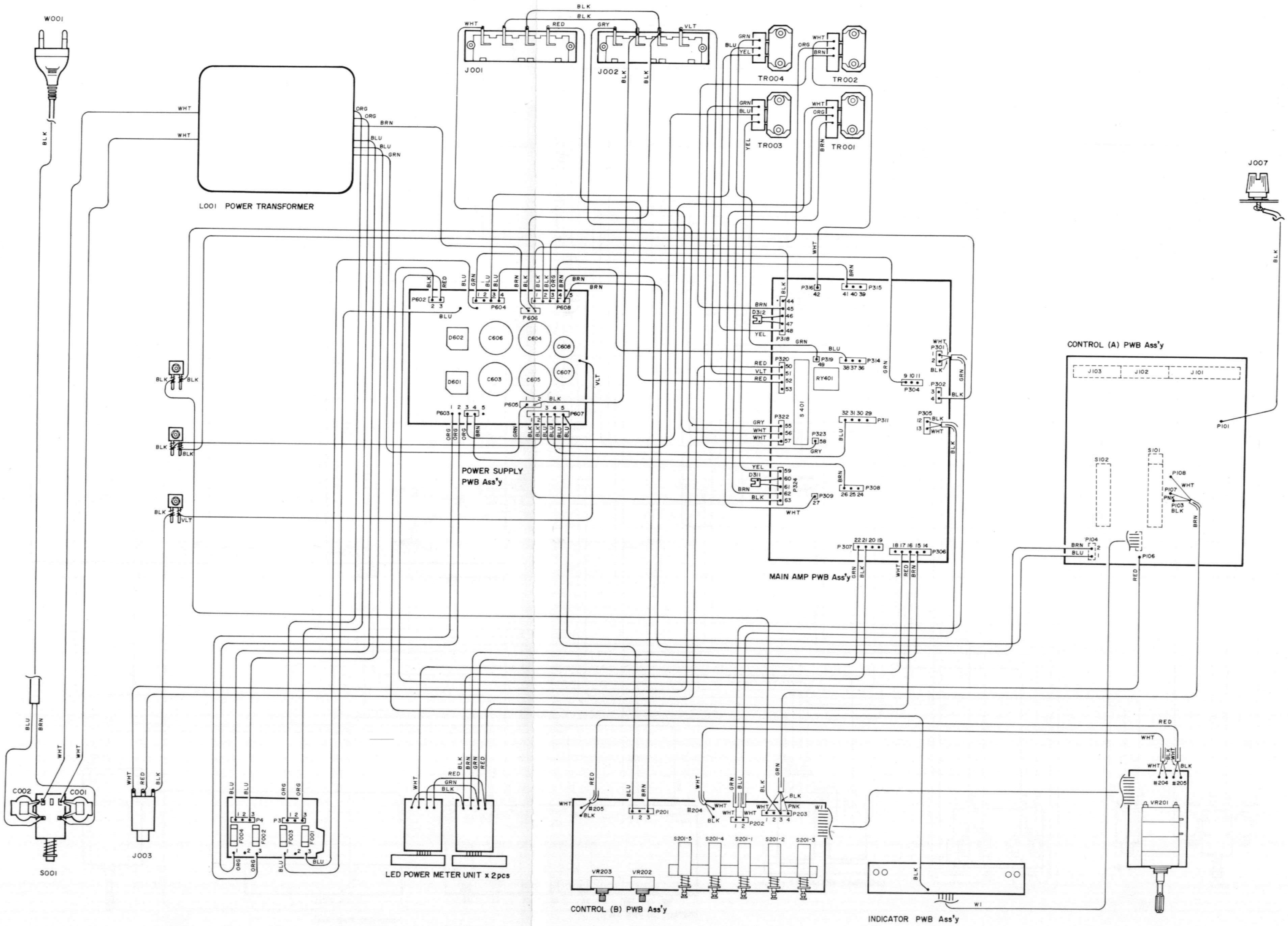


MEMO

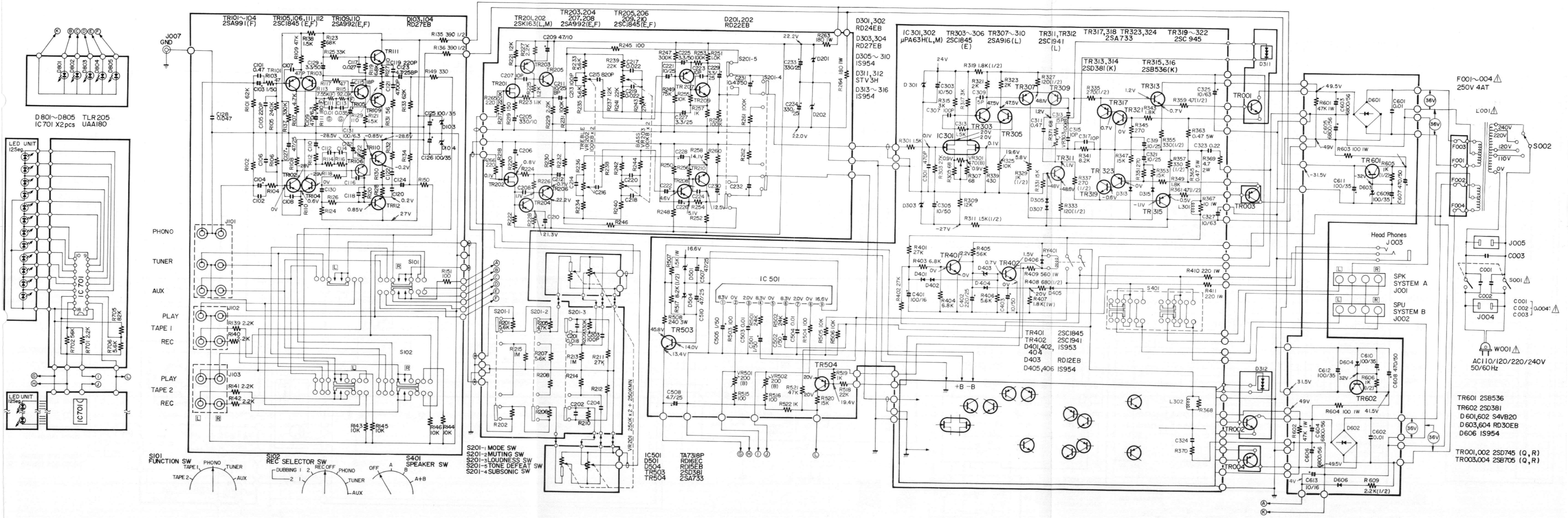
Wiring Diagram AUA-8300 (BE)



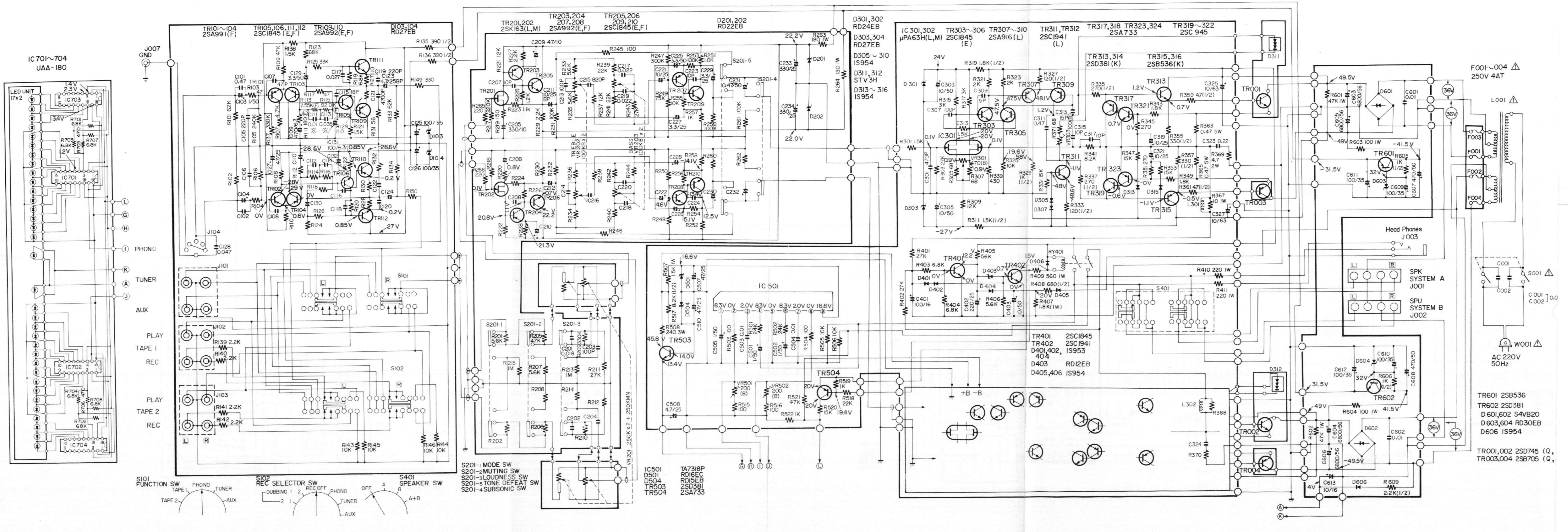
Wiring Diagram AUA-8300 (BS)



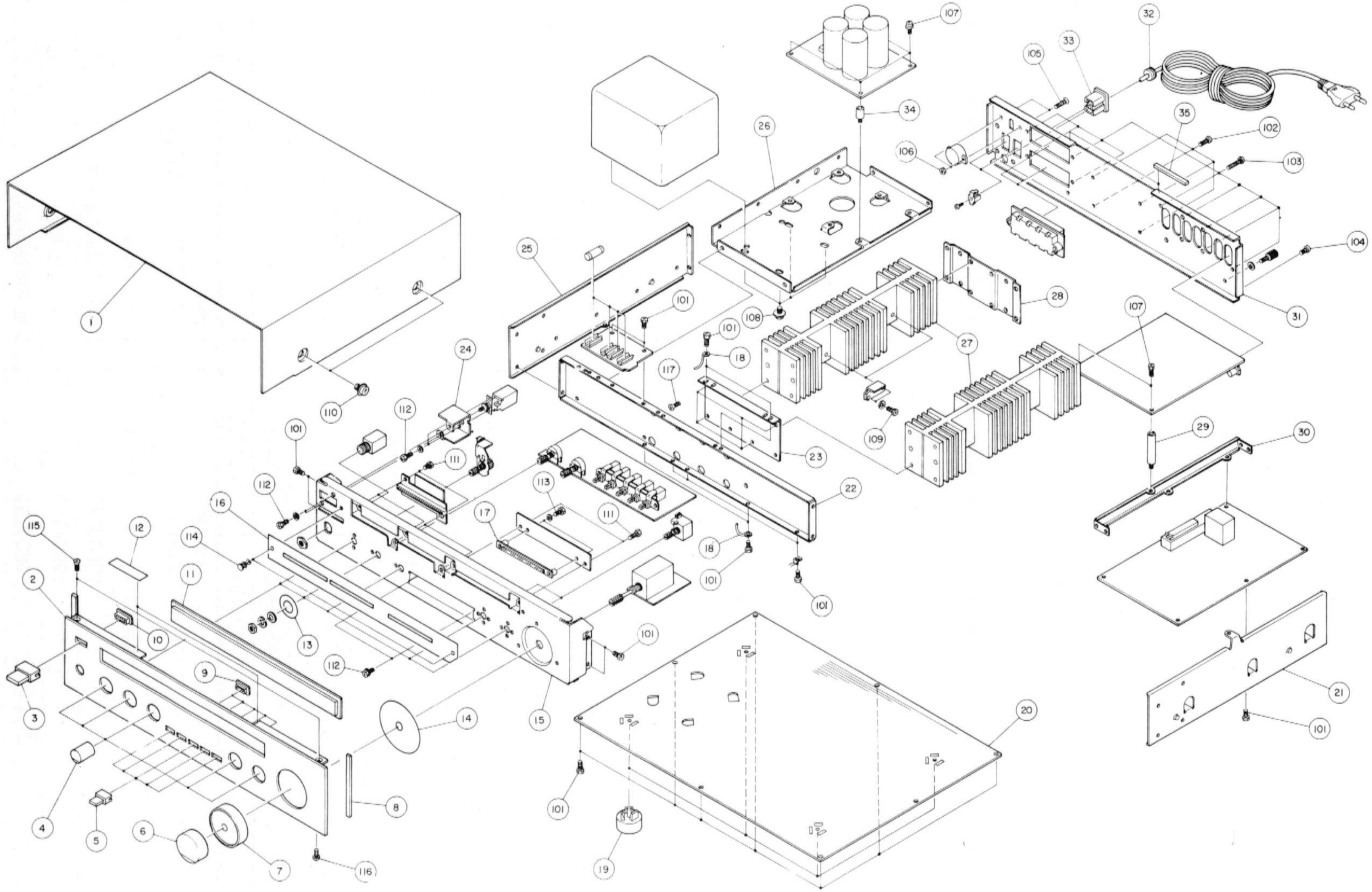
Schematic Diagram AUA-8300E (BE)



Schematic Diagram AUA-8300E (BS)



Exploded View of Set



Replacement Parts List

<table>
<tr><th rowspan="2">SYMBOL NO.</th><th colspan="2">PART NO.</th><th rowspan="2">DESCRIPTION</th><th rowspan="2">Q'TY</th><th rowspan="2">REMARKS</th></tr>
<tr><th>AUA-8300E (BE)</th><th>AUA-8300E (BS)</th></tr>
<tr><td colspan="6">Miscellaneous Parts</td></tr>
<tr><td></td><td colspan="2">18282841</td><td>Combination Band BK-1</td><td>3</td><td></td></tr>
<tr><td>19</td><td colspan="2">18286241</td><td>Foot UL</td><td>4</td><td></td></tr>
<tr><td></td><td colspan="2">18287821</td><td>Heat Sink IC-1625-ST</td><td>1</td><td></td></tr>
<tr><td></td><td colspan="2">18289171</td><td>Wrench</td><td>1</td><td></td></tr>
<tr><td>1</td><td colspan="2">18355331</td><td>Cabinet</td><td>1</td><td></td></tr>
<tr><td></td><td colspan="2">18403311</td><td>LED Holder (B)</td><td>2</td><td></td></tr>
<tr><td>3</td><td colspan="2">18457201</td><td>Knob, Power</td><td>1</td><td></td></tr>
<tr><td>5</td><td colspan="2">18457211</td><td>Knob, Push</td><td>5</td><td></td></tr>
<tr><td></td><td></td><td>18457221</td><td>Knob, Rotary</td><td>5</td><td></td></tr>
<tr><td>6</td><td colspan="2">18457281</td><td>VR, Knob Assy</td><td>1</td><td></td></tr>
<tr><td>7</td><td colspan="2">18457301</td><td>Knob</td><td>1</td><td></td></tr>
<tr><td></td><td colspan="2">18513411</td><td>Heat Sink</td><td>2</td><td></td></tr>
<tr><td>4</td><td>18457391</td><td></td><td>Knob, Selector</td><td>5</td><td></td></tr>
<tr><td>20</td><td colspan="2">18513991</td><td>Plate Bottom</td><td>1</td><td></td></tr>
<tr><td>31</td><td>18513862</td><td>18514011</td><td>Panel, Rear</td><td>1</td><td></td></tr>
<tr><td>2</td><td>18710401</td><td>18710531</td><td>Panel, Front</td><td>1</td><td></td></tr>
<tr><td></td><td colspan="2">18753101</td><td>Label</td><td>1</td><td></td></tr>
<tr><td></td><td colspan="2">18801031</td><td>Bag, Polyethylene (1/12)</td><td>1</td><td></td></tr>
<tr><td></td><td>18805021</td><td>18805061</td><td>Display Box</td><td>1</td><td></td></tr>
<tr><td></td><td colspan="2">19800672</td><td>Bag-B, Polyethylene</td><td>1</td><td></td></tr>
<tr><td></td><td colspan="2">19804251</td><td>Filler, Carton</td><td>1</td><td></td></tr>
<tr><td></td><td colspan="2">19804261</td><td>Bag, Protection</td><td>1</td><td></td></tr>
<tr><td></td><td colspan="2">78911561</td><td>Instruction Book</td><td>1</td><td></td></tr>
</table>

SYMBOL NO.	PART NO.		DESCRIPTION	Q'TY	REMARKS
	AUA-8300E (BE)	AUA-8300E (BS)			

Transistors

SYMBOL NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
TR317, 318, 323, 324, 504	35003516	TR. 2SA733/733A P	5	
TR307, 308, 309, 310	35004112	TR. 2SA916 L	4	
TR315, 316	35024811	TR. 2SB536 K	2	
TR601	35024812	TR. 2SB536 L	1	
TR319, 320, 321, 322	35047216	TR. 2SC945 P	4	
TR311, 312, 402	35053012	TR. 2SC1941 L	3	
TR313, 314	35063111	TR. 2SD381 K	2	
TR503, 602	35063112	TR. 2SD381 L	2	
TR101, 102, 103, 104	35901706	TR. 2SA991F	4	
TR109, 110, 203, 204, 207, 208	35901805	TR. 2SA992E	6	
TR003, 004	35922217	TR. 2SB705Q	2	
TR105, 106, 111, 112, 205, 206, 209, 210, 303, 304, 305, 306, 401	35947405	TR. 2SC1845E	13	
TR001, 002	35963017	TR. 2SD745Q	2	
TR201, 202	35990812	TR. 2SK163L	2	

Diodes

SYMBOL NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
D401, 402, 404	36001522	Diode 1S-953	3	
D305, 306, 307, 308, 313, 314, 315, 316, 405, 406, 606	36001528	Diode 1S954	11	
D403	36003039	Diode, Zener RD12EB	1	
D501	36003045	Diode, Zener RD-16E-C	1	
D311, 312	36901012	Varistor STV-3H(Y)	2	
D504	36902016	Diode RD-15EB	1	
D301, 302	36902033	Diode RD-24EB	2	
D601, 602	36902046	Diode S4VB20	2	
D801, 802, 803, 804, 805	36904037	LED TLR205	5	
	36904044	LED Meter Unit	2	
D103, 104, 303, 304	36905008	Diode RD27EB	4	
D201, 202	36905009	Diode RD22EB	2	
D603, 604	36905011	Diode RD30EB	2	

SYMBOL NO.	PART NO.		DESCRIPTION	Q'TY	REMARKS
	AUA-8300E (BE)	AUA-8300E (BS)			

ICs

SYMBOL NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
IC501	37901035	IC TA7318P	1	
IC701	37901036	IC UAA180	2	
IC301, 302	37901048	IC UPA63H(1)L	2	

Resistors

SYMBOL NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
R367, 368	40351125	R. Metal 10Ω 5% 1W	2	
R603, 604	40351149	R. Metal 100Ω 5% 1W	2	
R263, 264	40351155	R. Metal 180Ω 5% 1W	2	
R410, 411	40351157	R. Metal 220Ω 5% 1W	2	
R409	40351167	R. Metal 560Ω 5% 1W	1	
R507	40351177	R. Metal 1.5KΩ 5% 1W	1	
R407	40351179	R. Metal 1.8KΩ 5% 1W	1	
R601, 602	40351213	R. Metal 47KΩ 5% 1W	2	
R369, 370	40352117	R. Metal 4.7Ω 5% 2W	2	
R508	40353158	R. Metal 240Ω 5% 3W	1	
R359, 360, 361, 362	40912117	R. Carbon 4.7Ω 5% ½W	4	
R327, 328, 333, 334	40912151	R. Carbon 120Ω 5% ½W	4	
R335, 336, 337, 338	40912159	R. Carbon 270Ω 5% ½W	4	
R355, 356, 357, 358	40912161	R. Carbon 330Ω 5% ½W	4	
R135, 136	40912163	R. Carbon 390Ω 5% ½W	2	
R408	40912169	R. Carbon 680Ω 5% ½W	1	
R329, 330, 605, 606	40912173	R. Carbon 1.0KΩ 5% ½W	4	
R311, 312	40912177	R. Carbon 1.5KΩ 5% ½W	2	
R319, 320	40912179	R. Carbon 1.8KΩ 5% ½W	2	
R609	40912181	R. Carbon 2.2KΩ 5% ½W	1	
R517	40912195	R. Carbon 8.2KΩ 5% ½W	1	
R363, 364, 365, 366	40920038	R. Wire 47Ω 5%	4	
R111, 112	40950011	R. Metal 180Ω 1% ¼W	2	
R113, 114	40950012	R. Metal 7.55Ω 1% ¼W	2	
R115, 116	40950013	R. Metal 92KΩ 1% ¼W	2	
R103, 104, 117, 118	40982141	R. Carbon 47Ω 5% ¼W	4	
R131, 132	40982143	R. Carbon 56Ω 5% ¼W	2	
R305, 306, 307, 308, 371, 372	40982145	R. Carbon 68Ω 5% ¼W	6	
R151, 245, 246, 503, 504, 515, 516	40982149	R. Carbon 100Ω 5% ¼W	7	
R127, 128, 129, 130	40982150	R. Carbon 110Ω 5% ¼W	4	

SYMBOL NO.	PART NO. AUA-8300E (BE)	PART NO. AUA-8300E (BS)	DESCRIPTION	Q'TY	REMARKS
R219, 220	40982153		R. Carbon 150Ω 5% ¼W	2	
R265, 266	40982157		R. Carbon 220Ω 5% ¼W	2	
R345, 346, 351, 352	40982159		R. Carbon 270Ω 5% ¼W	4	
R149, 150	40982161		R. Carbon 330Ω 5% ¼W	2	
R339, 340	40982164		R. Carbon 430Ω 5% ¼W	2	
R251, 252, 257, 258, 519, 522	40982173		R. Carbon 1.0KΩ 5% ¼W	6	
R223, 224	40982174		R. Carbon 1.1KΩ 5% ¼W	2	
R225, 226	40982175		R. Carbon 1.2KΩ 5% ¼W	2	
R121, 122, 138, 301, 302, 313, 314	40982177		R. Carbon 1.5KΩ 5% ¼W	7	
R343, 344, 349, 350	40982179		R. Carbon 1.8KΩ 5% ¼W	4	
R321, 322, 323, 324	40982180		R. Carbon 2.0KΩ 5% ¼W	4	
R139, 140, 141, 142, 227, 228, 229, 230, 701	40982181		R. Carbon 2.2KΩ 5% ¼W	10	
R315, 316, 317, 318	40982184		R. Carbon 3.0KΩ 5% ¼W	4	
R107, 108	40982189		R. Carbon 4.7KΩ 5% ¼W	2	
R201, 202, 207, 208, 233, 234, 235, 236, 406, 706	40982191		R. Carbon 5.6KΩ 5% ¼W	11	
R119, 120, 403, 404	40982193		R. Carbon 6.8KΩ 5% ¼W	4	
R341, 342	40982195		R. Carbon 8.2KΩ 5% ¼W	2	
R143, 144, 145, 146, 255, 256, 325, 326, 505, 506	40982197		R. Carbon 10KΩ 5% ¼W	10	
R221, 222, 237, 238, 309, 310	40982199		R. Carbon 12KΩ 5% ¼W	6	
R347, 348, 353, 354, 520	40982201		R. Carbon 15KΩ 5% ¼W	5	
R331, 332	40982202		R. Carbon 16KΩ 5% ¼W	2	
R239, 240, 241, 242, 518	40982205		R. Carbon 22KΩ 5% ¼W	5	
R501, 502	40982206		R. Carbon 24KΩ 5% ¼W	2	
R211, 212, 243, 244, 303, 304, 401, 402	40982207		R. Carbon 27KΩ 5% ¼W	8	
R125, 126	40982209		R. Carbon 33KΩ 5% ¼W	2	
R109, 110, 205, 206, 521	40982213		R. Carbon 47KΩ 5% ¼W	5	
R405, 702	40982215		R. Carbon 56KΩ 5% ¼W	3	
R101, 102, 133, 134	40982216		R. Carbon 62KΩ 5% ¼W	4	
R123, 124	40982217		R. Carbon 68KΩ 5% ¼W	2	
R249, 250	40982218		R. Carbon 75KΩ 5% ¼W	2	
R705	40982219		R. Carbon 82KΩ 5% ¼W	2	

SYMBOL NO.	PART NO. AUA-8300E (BE)	PART NO. AUA-8300E (BS)	DESCRIPTION	Q'TY	REMARKS
R231, 232, 253, 254, 259, 260, 261, 262	40982221		R. Carbon 100KΩ 5% ¼W	8	
R217, 218	40982229		R. Carbon 220KΩ 5% ¼W	2	
R105, 106	40982230		R. Carbon 240KΩ 5% ¼W	2	
R247, 248	40982232		R. Carbon 300KΩ 5% ¼W	2	
R137, 209, 210	40982233		R. Carbon 330KΩ 5% ¼W	3	
R213, 214, 215	40982245		R. Carbon 1.0MΩ 5% ¼W	3	

Variable Resistors

VR303, 304	41950191		R. Variable 100ΩB	2	
VR501, 502	41950209		R. Variable 200ΩB	2	
VR301, 302	41950230		R. Variable 470ΩB	2	
VR201	41950295		R. Variable 250KΩ	1	
VR202A, 203A	41950296		R. Variable 100KΩB	2	

Capacitors

C601, 602	42019575		C. Ceramic 500V 0.01μF	2	
C128	42110933		C. Ceramic 50V 0.047μF	1	
C105, 106, 119, 120	42130205		C. Ceramic 50V 220pF	4	
C301, 302	42130209		C. Ceramic 50V 470pF	2	
C315, 316	42201018		C. Ceramic 500V 10pF	2	
C313, 314	42201027		C. Ceramic 500V 15pF	2	
C309, 310	42332010		C. Ceramic 50V 5pF	2	
C207, 208, 223, 224, 317, 318	42332015		C. Ceramic 50V 10pF	6	
C107, 108	42332037		C. Ceramic 50V 47pF	2	
C203, 204, 213, 214, 307, 308	42332045		C. Ceramic 50V 100pF	6	
C115, 116	42333029		C. Ceramic 50V 18pF	2	
C001, 002	42606007		C. Metalized Paper 4700pF 250V	2	
C121, 122	42754059		C. Mylar 50V 4700pF	2	
C117, 118	42754068		C. Mylar 50V 0.027μF	2	
C217, 218, 219, 220	42799031		C. Film 50V 0.022μF	4	

SYMBOL NO.	PART NO.		DESCRIPTION	Q'TY	REMARKS
	AUA-8300E (BE)	AUA-8300E (BS)			
C215, 216	42970017		C. Poly 50V 820pF 5%	2	
C113, 114	42970141		C. Poly 100V 0.35μF 2%	2	
C503, 504	42974016		C. Poly 50V 10000pF	2	
C201, 202	42974019		C. Poly 50V 18000pF	2	
C323, 324	42975001		C. Poly 100V 0.224μF 10%	2	
C101, 102, 311, 312	42975002		C. Poly 100V 0.47μF 10%	4	
C111, 112	42975125		C. Poly 100V 0.01μF 2%	2	
C603, 604, 605, 606	43910036		C. Elec. 56V 6800μF	4	
C227, 228, 229, 230	43980027		C. Elec. 25V 3.3μF MSR	4	
C221, 222	43980030		C. Elec. 25V 10μF	2	
C231, 232	43980051		C. Elec. 50V 0.47μF MSR	2	
C103, 104	43980053		C. Elec. 50V 1μF	2	
C123, 124	43982042		C. Elec. 25V 4.7μF	2	
C211, 212	43982043		C. Elec. 25V 10μF	2	
C131, 132	43993003		C. Elec. 6.3V 100μF	2	
C109, 110	43993006		C. Elec. 6.3V 470μF	2	
C209, 210	43993014		C. Elec 10V 47μF	2	
C205, 206	43993017		C. Elec. 10V 330μF	2	
C613	43993024		C. Elec. 16V 10μF	1	
C401	43993028		C. Elec. 16V 100μF	1	
C508	43993036		C. Elec. 25V 4.7μF	1	
C319, 320, 321, 322	43993037		C. Elec. 25V 10μF	4	
C127, 510	43993040		C. Elec. 25V 47μF	2	
C402	43993042		C. Elec. 25V 220μF	1	
C233, 234	43993043		C. Elec. 25V 330μF	2	
C125, 126, 609, 610, 611, 612	43993053		C. Elec. 35V 100μF	6	
C501, 502, 505	43993060		C. Elec. 50V 1μF	3	
C129, 130, 225, 226	43993062		C. Elec. 50V 3.3μF	4	
C303, 304, 305, 306, 403	43993064		C. Elec. 50V 10μF	5	
C507	43993067		C. Elec. 50V 47μF	1	
C607, 608	43993071		C. Elec. 50V 470μF	2	
C325, 326, 327, 328	43993078		C. Elec. 63V 10μF	4	

Electrical Parts

L001	45019091		Trans Power	1	
L301, 302	61911097		Coil 1RO K	2	
S001	65904049		SW. Power	1	
S201	65904103		SW. Push 5-gangs	1	

SYMBOL NO.	PART NO.		DESCRIPTION	Q'TY	REMARKS
	AUA-8300E (BE)	AUA-8300E (BS)			
RY401	65910031		Relay, MS-4 DC24V	1	
S102	65913003		Switch	1	
S401	65913004		Switch	1	
S101	65913005		Remote, Control	1	
S401	65913201		Remote, Control	1	
S102	65913503		Remote, Control	1	
S401	65913504		Remote, Control	1	
S101	65913505		Remote, Control	1	
J003	70905208		Headphone-Jack	1	
F001, 002, 003, 004	71205023		Fuse Holder	8	
	71905077		Terminal 2P	2	
J102, 103	71905109		Terminal 4P	2	
J007	71905112		Terminal	1	
J001, 002	71905127		Terminal 4P	2	
W001	79759052		Line Cord	1	
	87338301		Control (B) PWB Unit	1	
	87357201		Control (A) PWB Unit	1	
	87357401		Main PWB Unit	1	
	87357501		Power Supply PWB Unit	1	
	87357601		Power Meter PWB Unit	1	
	87357701		Indicator PWB Unit	1	