

NEC

Authentic series

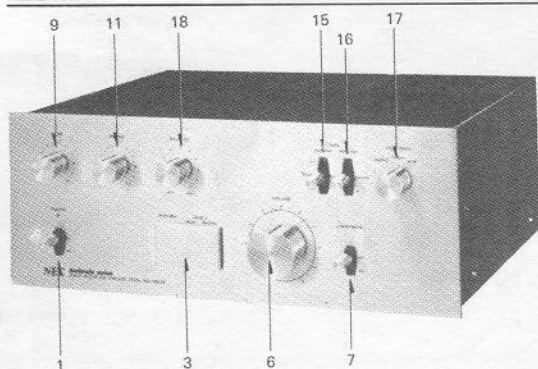
STEREO INTEGRATED AMPLIFIER SERVICE MANUAL

MODELS
AUA-6000E/6000EB
AUA-7000E/7000EB
AUA-8000E

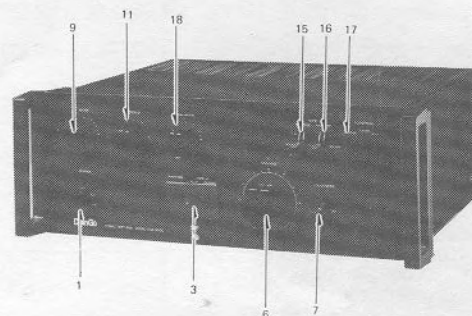
Run-2
SER. NO. 4013



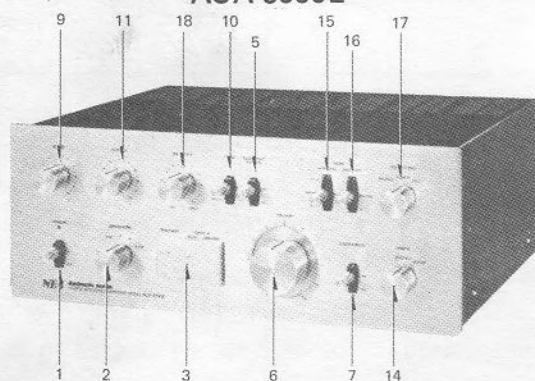
Better Service
Better Reputation
Better Profit



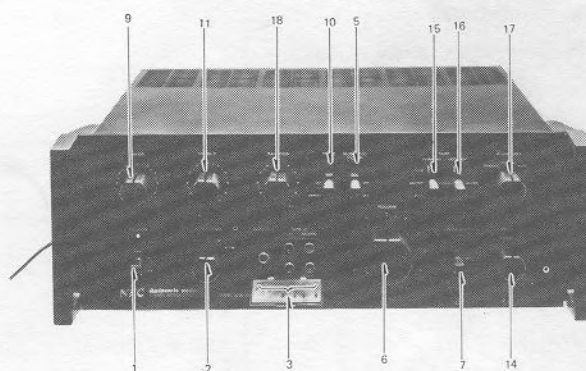
AUA-6000E



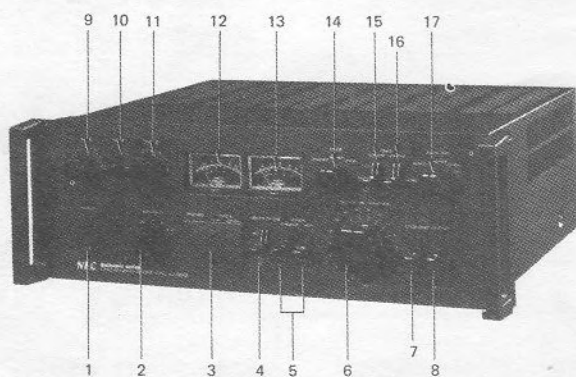
AUA-6000EB



AUA-7000E



AUA-7000EB



AUA-8000E

- 1 POWER SWITCH
- 2 SPEAKERS SWITCH
- 3 HEADPHONES JACK AND
TAPE 2 TERMINALS
- 4 METER RANGE SWITCH
- 5 FILTER SWITCHES
- 6 VOLUME CONTROL
- 7 LOUDNESS SWITCH
- 8 MUTING SWITCH
- 9 BASS CONTROL
- 10 TONE DEFEAT SWITCH
- 11 TREBLE CONTROL
- 12 } POWER METERS
- 13 }
- 14 MODE SWITCH
- 15 TAPE DUBBING SWITCH
- 16 TAPE MONITOR SWITCH
- 17 FUNCTION SWITCH
- 18 BALANCE CONTROL

Nippon Electric Co., Ltd.

TOKYO, JAPAN

SPECIFICATIONS

SPECIFICATIONS \ MODELS	AUA-6000E/6000EB	AUA-7000E/7000EB	AUA-8000E
MAIN AMPLIFIER SECTION			
20Hz-20kHz Continuous Power both channel driven	35 W x 2 (8 Ω) 40 W x 2 (4 Ω)	45 W x 2 (8 Ω) 50 W x 2 (4 Ω)	65 W x 2 (8 Ω) 75 W x 2 (4 Ω)
Total Harmonic Distortion			
Rated power at 20Hz-20kHz, 8 Ω	0.1 %	0.1 %	0.05 %
18W power at 20Hz-20kHz, 8 Ω	0.05 %		
23W power at 20Hz-20kHz, 8 Ω		0.05 %	
30 W power at 20Hz-20kHz, 8 Ω			0.01 %
1 W power at 20Hz-20kHz, 8 Ω	0.05 %	0.05 %	0.01 %
Intermodulation Distortion			
Rated power at 50Hz:7kHz=4:1	0.1 % (8 Ω)	0.1 %	0.05 % (8 Ω)
18W power at 50Hz:7kHz=4:1	0.05 % (8 Ω)		
23W power at 50Hz:7kHz=4:1		0.05 % (8 Ω)	
30 W power at 50Hz:7kHz=4:1			0.01 % (8 Ω)
1 W power at 50Hz:7kHz=4:1	0.05 % (8 Ω)	0.05 % (8 Ω)	0.01 % (8 Ω)
Power Band-width (IHF, both channel driven, 8 Ω)	5 Hz-40 kHz	5 Hz-40 kHz	5 Hz-45 kHz
Frequency Response			5 Hz-100 kHz, +0 dB -1 dB
Damping Factor (20Hz-20kHz, 8 Ω)	30	30	30
Signal to Noise Ratio (IHF, A-network, short circuit)			110 dB
Input Sensitivity and Impedance Terminal of POWER AMP IN			1 V/50 k Ω

PRE AMPLIFIER SECTION

Input Sensitivity and Impedance			
PHONO 1	2.5 mV/50 k Ω	2.5 mV/50 k Ω	2.5 mV/50 k Ω
PNONO 2			2.5 mV/50 k Ω
TUNER	150 mV/50 k Ω	150 mV/50 k Ω	150 mV/50 k Ω
AUX	150 mV/50 k Ω	150 mV/50 k Ω	150 mV/50 k Ω
TAPE PLAY 1	150 mV/50 k Ω	150 mV/50 k Ω	150 mV/50 k Ω
TAPE PLAY 2	150 mV/50 k Ω	150 mV/50 k Ω	150 mV/50 k Ω

SPECIFICATIONS \ MODELS	AUA-6000E/6000EB	AUA-7000E/7000EB	AUA-8000E
PHONO Maximum Input Voltage			
PHONO 1	200mV (1kHz,0.1% T.H.D)	250mV (1kHz,0.1% T.H.D)	300mV (1kHz,0.05% T.H.D)
PHONO 2			300mV (1kHz,0.05% T.H.D)
RIAA Curve Characteristic			
PHONO 1	20Hz-20kHz, ± 0.3 dB	20Hz-20kHz, ± 0.3 dB	20Hz-20kHz, ± 0.2 dB
PHONO 2			20Hz-20kHz, ± 0.2 dB

Frequency Response			
PHONO 1	20Hz-20kHz, ± 0.3 dB	20Hz-20kHz, ± 0.3 dB	20Hz-20kHz, ± 0.2 dB
PHONO 2			20Hz-20kHz, ± 0.2 dB
TUNER, AUX and TAPE PLAY	10Hz-40kHz, $+0$ dB -1dB	10Hz-40kHz, $+0$ dB -1dB	5Hz-50kHz, $+0$ dB -1dB
Output Voltage and Impedance			
TAPE REC 1	150 mV	150 mV	150 mV
TAPE REC 2	150 mV	150 mV	150 mV
PRE OUT			1 V/2 k Ω
Total Harmonic Distortion			
1 V power at 20Hz-20kHz			0.02 %
6 V power at 20Hz-20kHz			0.1 %
Signal to Noise Ratio (IHF, A-network, short circuit)			
PHONO 1 and 2	72 dB	72 dB	75 dB
TUNER, AUX and TAPE PLAY	93 dB	95 dB	95 dB
Tone Control Response			
BASS Max.	+9 dB at 100 Hz	+9 dB at 100 Hz	+9 dB at 100 Hz
Min.	-9 dB at 100 Hz	-9 dB at 100 Hz	-9 dB at 100 Hz
TREBLE Max.	+9 dB at 100 Hz	+9 dB at 100 Hz	+9 dB at 100 Hz
Min.	-9 dB at 100 Hz	-9 dB at 100 Hz	-9 dB at 100 Hz
Filter			
SUBSONIC		15 Hz, -6 dB/oct.	15 Hz, -6 dB/oct.
HIGH			8 kHz, -6 dB/oct.
Loudness Control Effect (volume control at -40 dB)			
100 Hz	+6 dB	+6 dB	+6 dB
10 kHz	+3 dB	+3 dB	+3 dB
Muting Level			-20 dB

OUTPUT TERMINALS

Speaker	4 Ω - 16 Ω	A, B (4 Ω - 16 Ω) A+B(4 Ω - 16 Ω)	A, B (4 Ω - 16 Ω) A+B(4 Ω - 16 Ω)
Headphone	4 Ω - 16 Ω	4 Ω - 16 Ω	4 Ω - 16 Ω
Power Requirement	AC 110/120 /220/240 V, 50/60 Hz	AC 110/120 /220/240 V, 50/60 Hz	AC 110/120 /220/240 V, 50/60 Hz
Power Consumption	310 W (IEC PUB. 65:90 W)	390 W (IEC PUB. 65:390 W)	560 W
Dimensions	380(w) x 140(h) x 300(d) mm (w/o handle)	380(w) x 140(h) x 300(d) mm (w/o handle)	410(w) x 140(h) x 340(d) mm (w/o handle)
Weight	8 kg	10 kg	15 kg

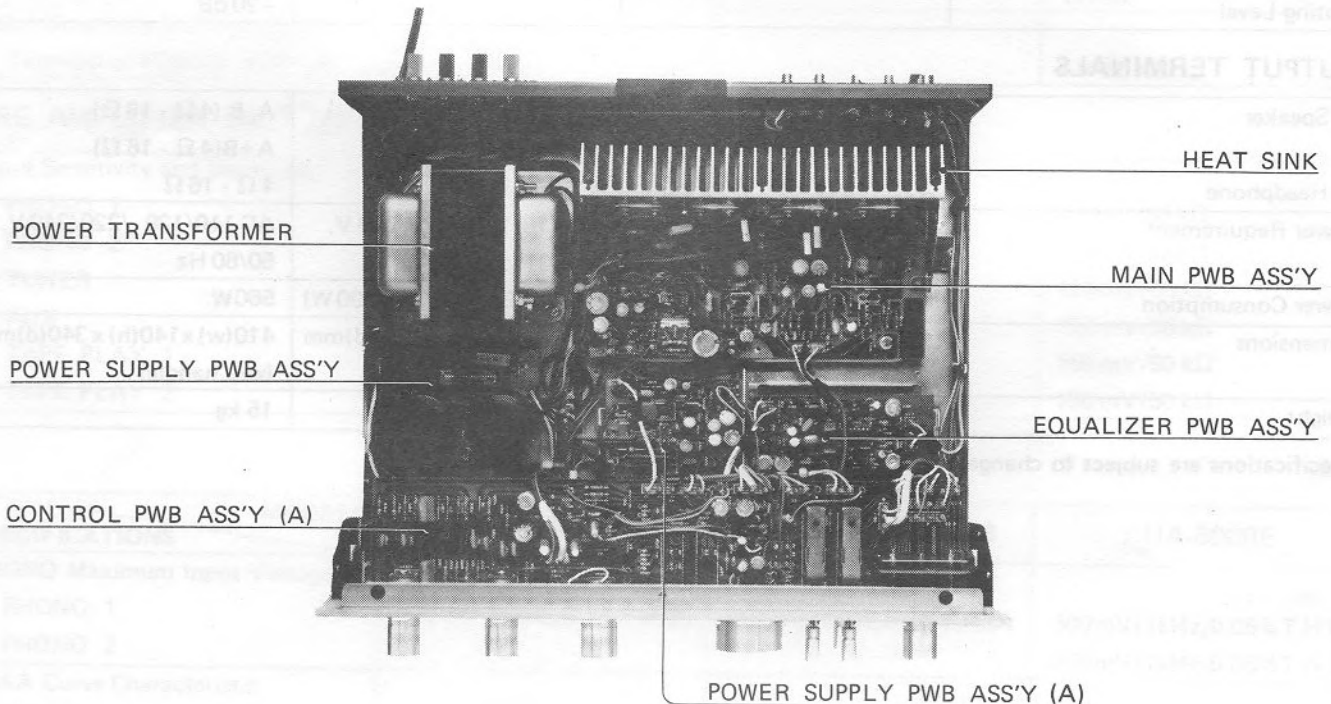
Specifications are subject to change without notice for improvement.

CAUTION

- Avoid installing the unit in locations described below:
 - Places exposed to direct sunlight or close to heat-radiating appliances such as electric heaters.
 - On top of other stereo equipment that radiates much heat.
 - Places lacking ventilation, or dusty places.
 - Places subject to constant vibration.
 - Places close to electric transformers.
 - Humid or moist places.
- As this is a high-output amplifier, take care not to obstruct the ventilating openings on the top and bottom panels.
- No sound will be heard from your speaker systems for a few seconds after you turn on the amplifier's POWER switch. This is because the built-in muting circuit is at work, and not because the amplifier is faulty.
- Operate the switches and controls correctly as described in this manual. Do not apply undue stress to them.
- Before turning the POWER switch on for the first time, make certain that all connecting cords and the power cable are properly plugged in.
- Use soft, dry cloth to wipe the cabinet. Never use thinner or similar solvents to clean the cabinet, and avoid spraying any insecticide containing thinner.

LOCATION OF PARTS MOUNTING

AUA-6000E



AUA-7000E

POWER TRANSFORMER

HEAT SINK

MAIN PWB ASS'Y

POWER SUPPLY ASS'Y

EQUALIZER PWB ASS'Y

CONTROL PWB ASS'Y

POWER SUPPLY PWB ASS'Y

AUA-8000E

POWER TRANSFORMER

MAIN PWB ASS'Y

POWER SUPPLY PWB ASS'Y

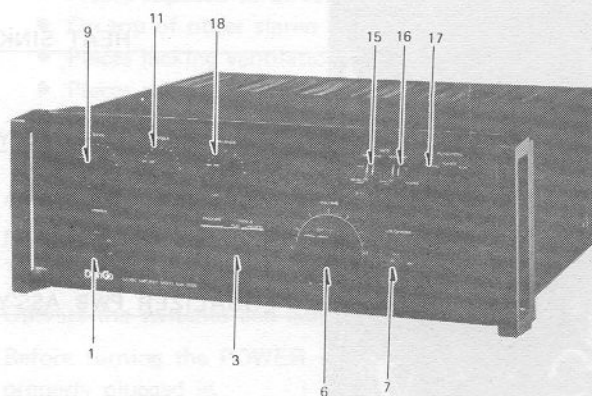
PROTECTION PWB ASS'Y

CONTROL PWB ASS'Y (A)

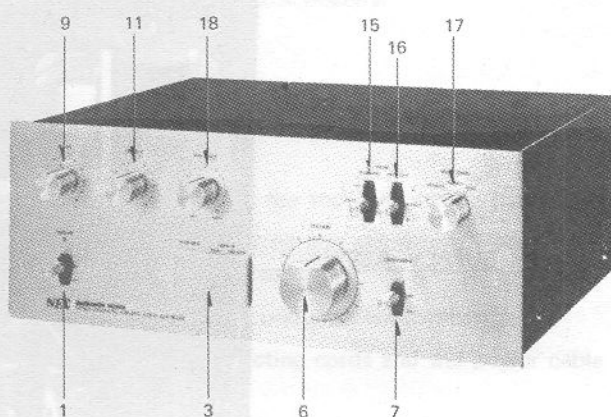
CONTROL PWB ASS'Y (B)

CONTROL PWB ASS'Y (C)

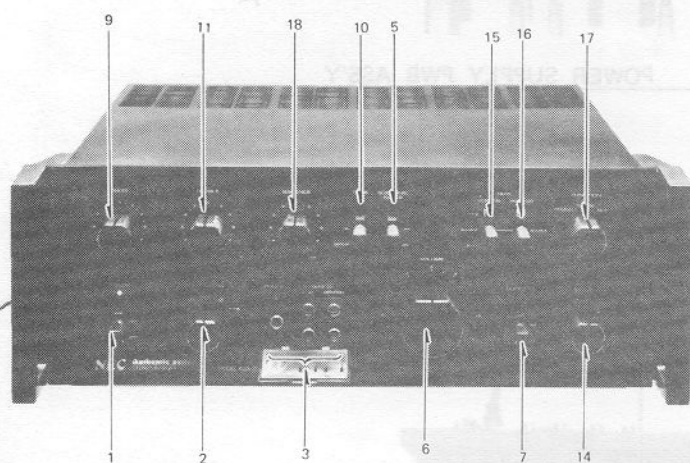
NAME OF SWITCHES AND CONTROLS



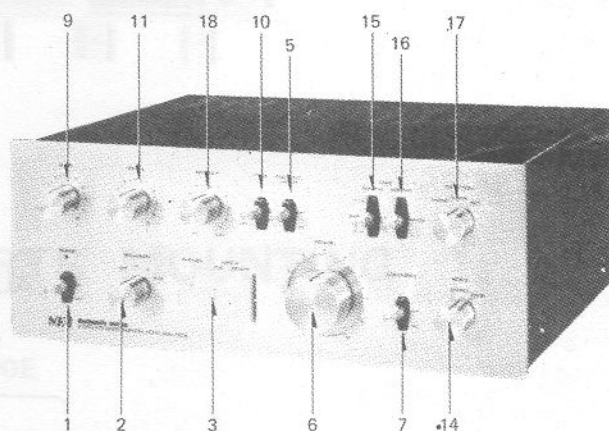
AUA-6000EB



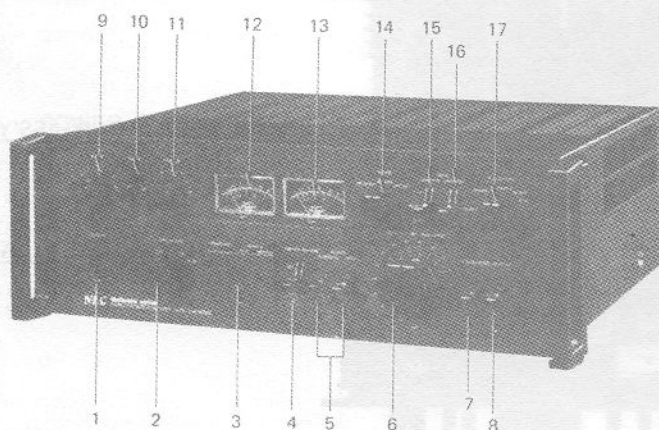
AUA-6000E



AUA-7000EB



AUA-7000E

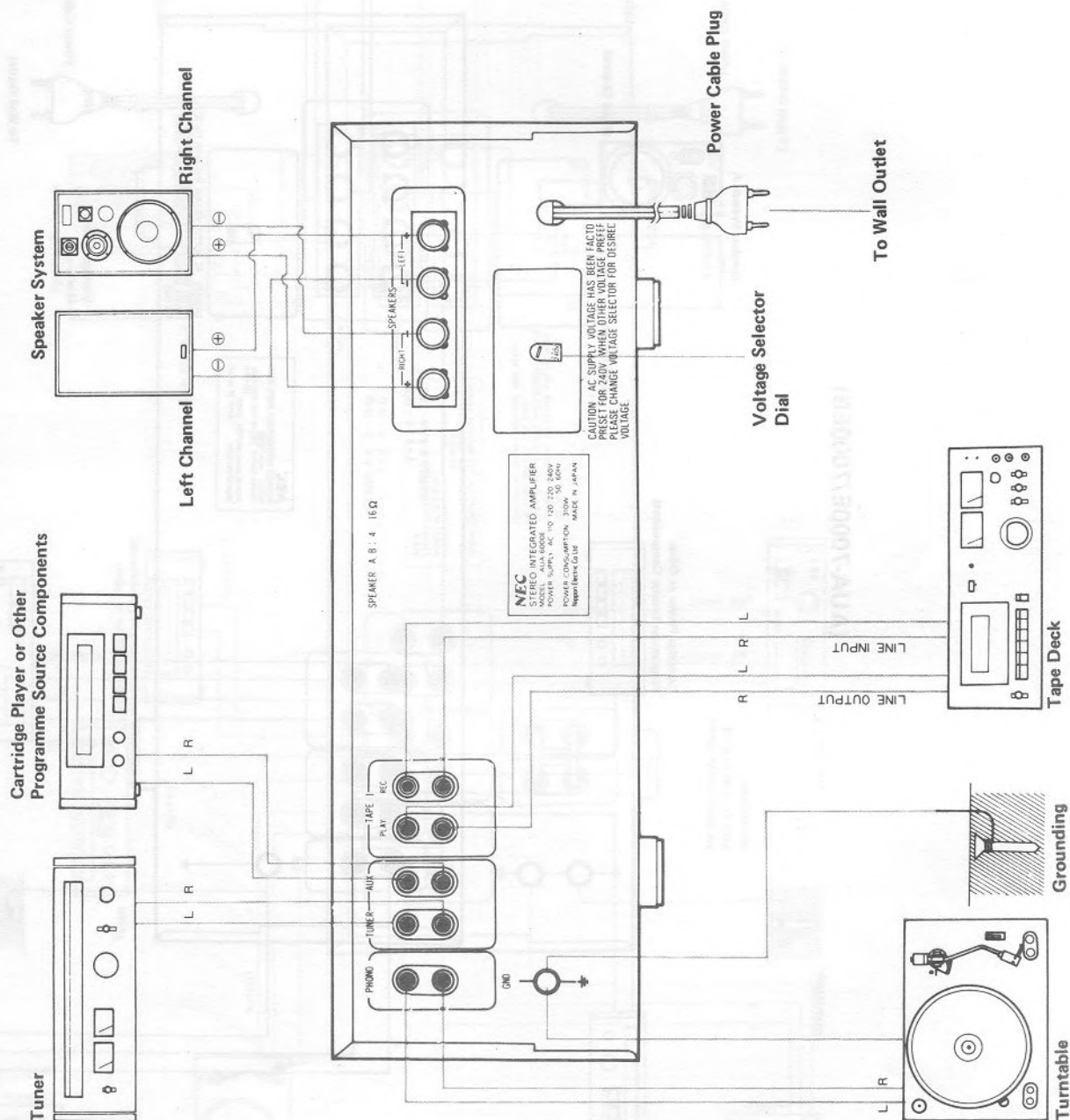


AUA-8000E

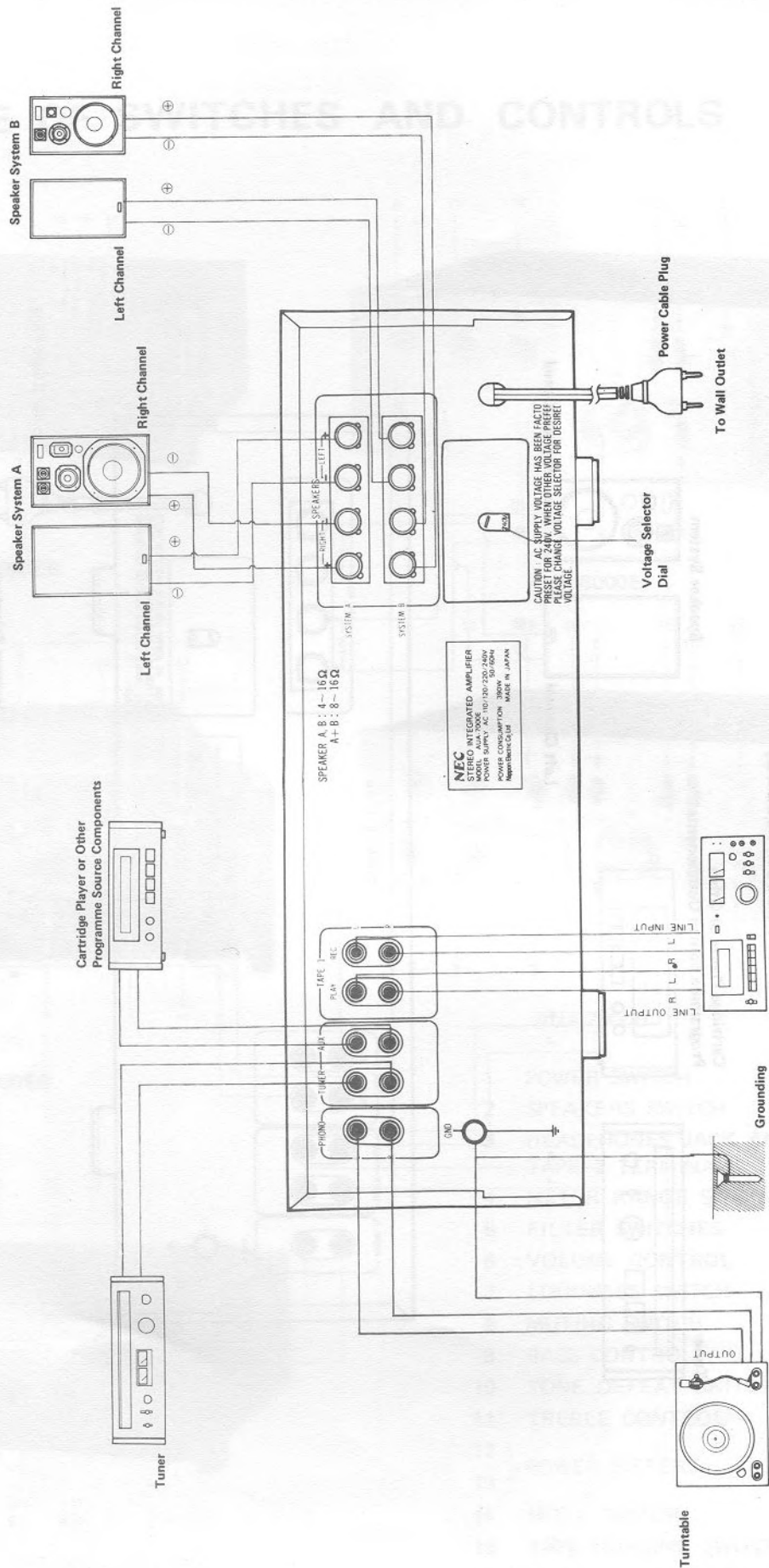
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DIAGRAM OF CONNECTIONS

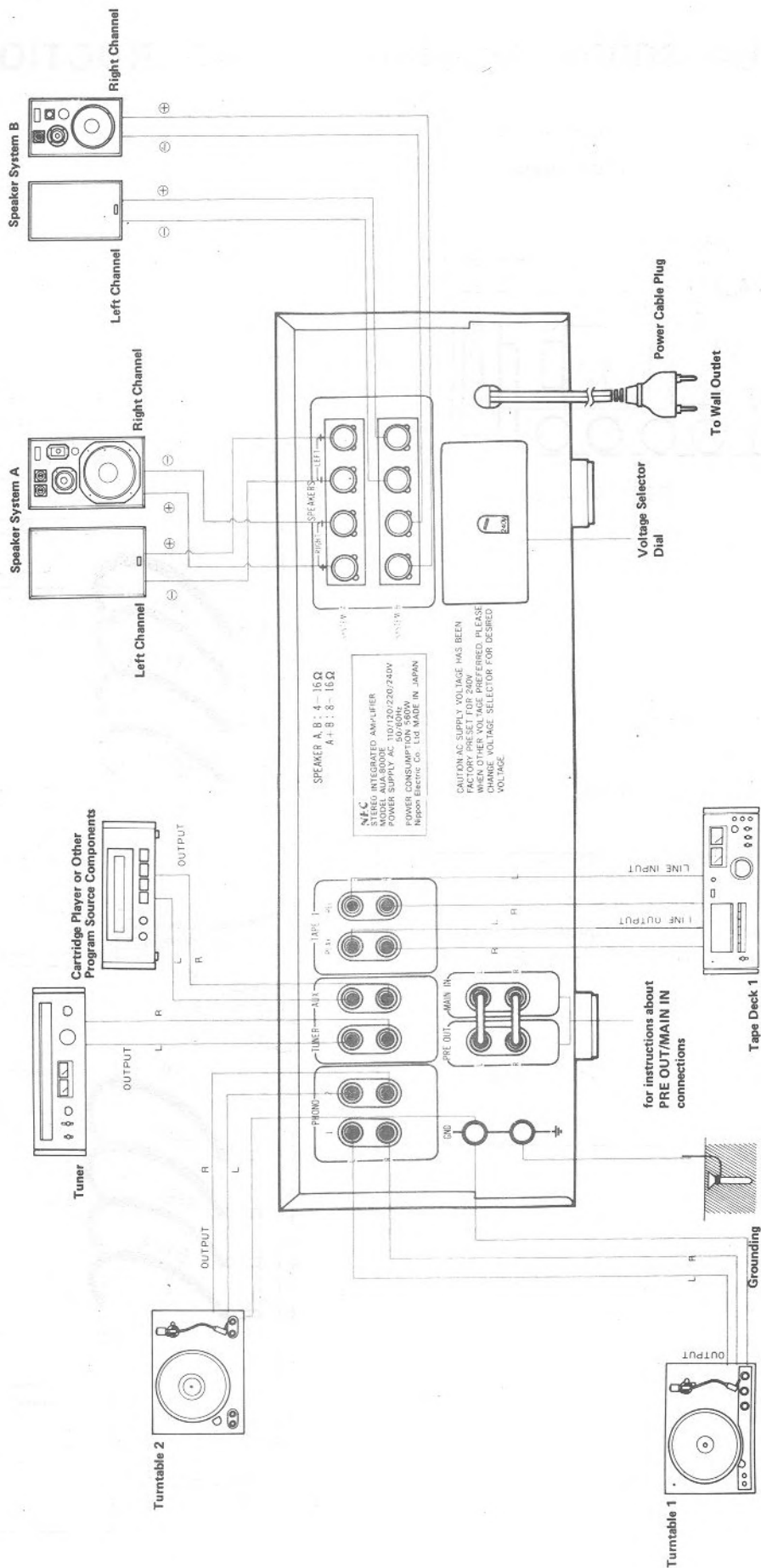
(AUA-6000E/6000EB)



(AUA-7000E/7000EB)



(AUA-8000E)

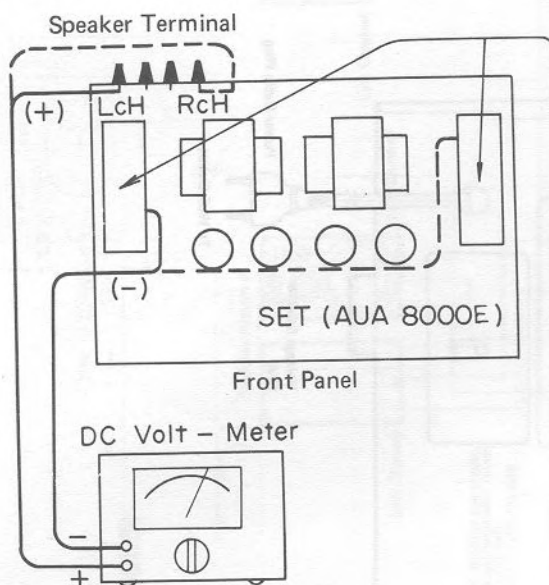


AUA-8000E ALIGNMENT INSTRUCTION

1. Power Transistor Idling Current Adjustment

Equipment Required : DC Volt-Meter

Alignment

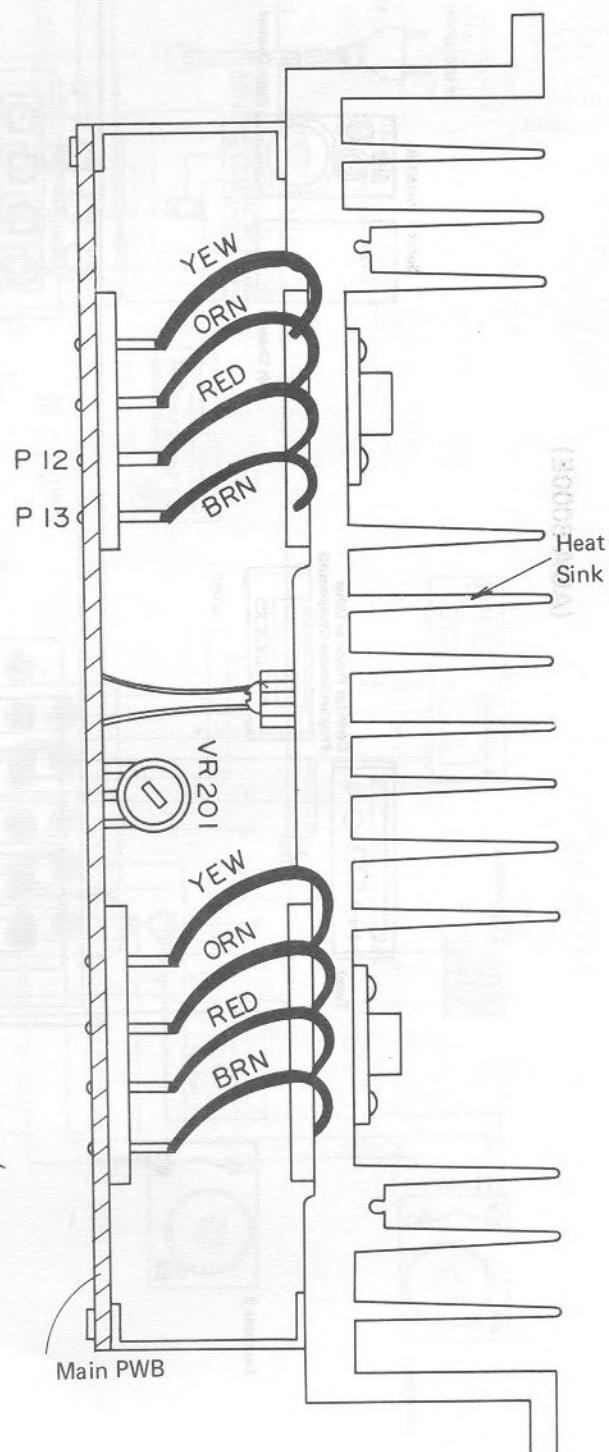


Note: Input to be shorted.

L Channel:

Compare with P12 (speaker-terminal) and P13 (speaker-terminal), adjust VR 201 to 14mV.

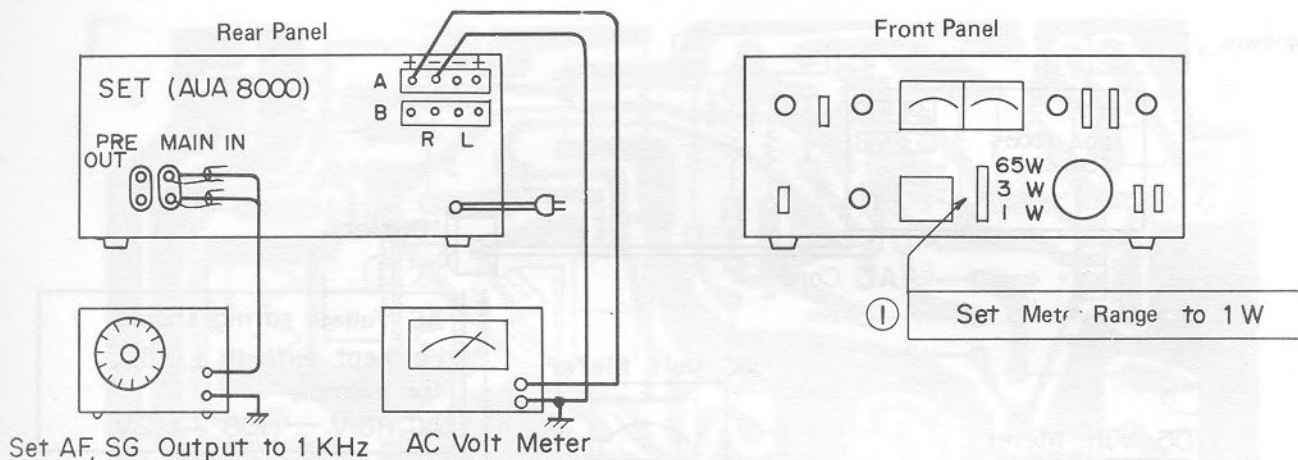
R Channel Alignment should be done same as L Channel.



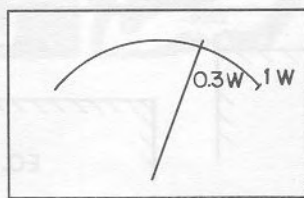
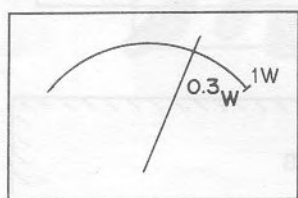
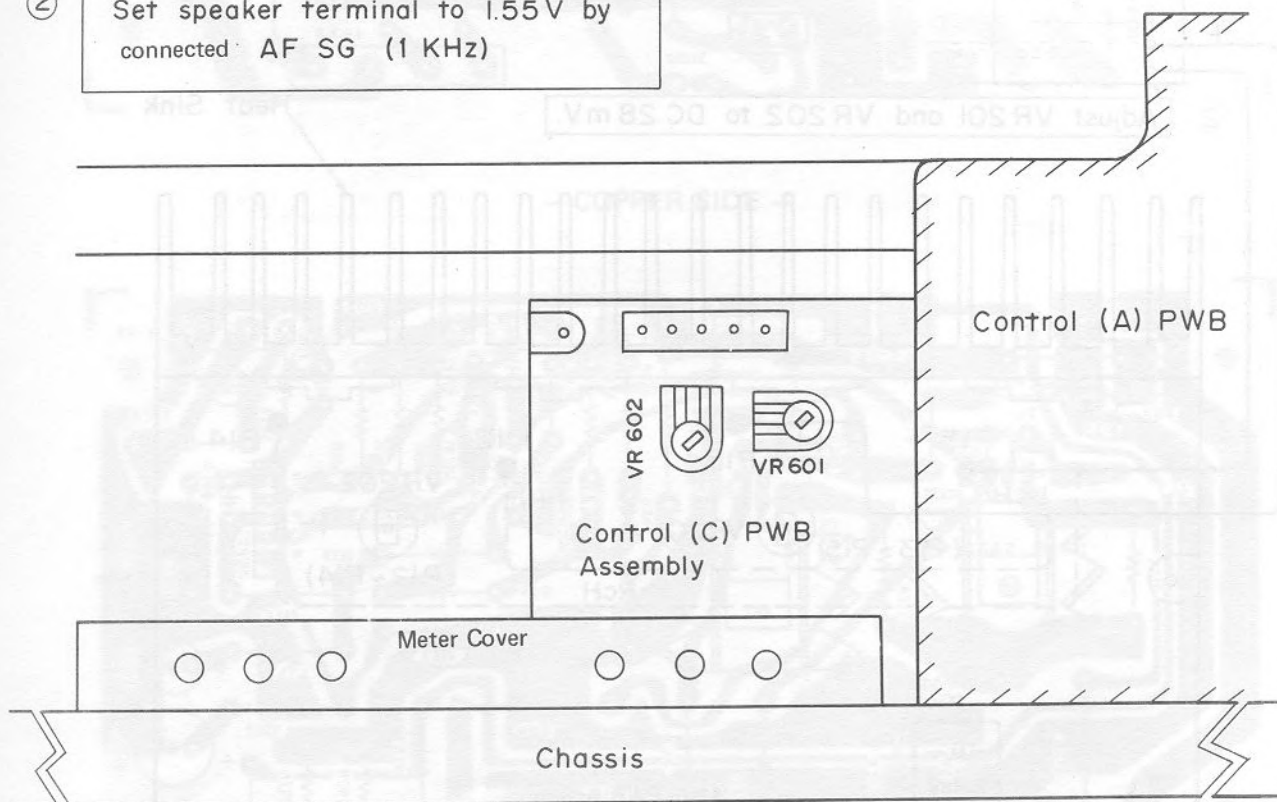
2. METER Sensitivity Alignment

Equipment Required : AF Signal Generator
AC Volt-Meter

2-2 ALIGNMENT



- ② Set speaker terminal to 1.55V by connected AF SG (1 KHz)



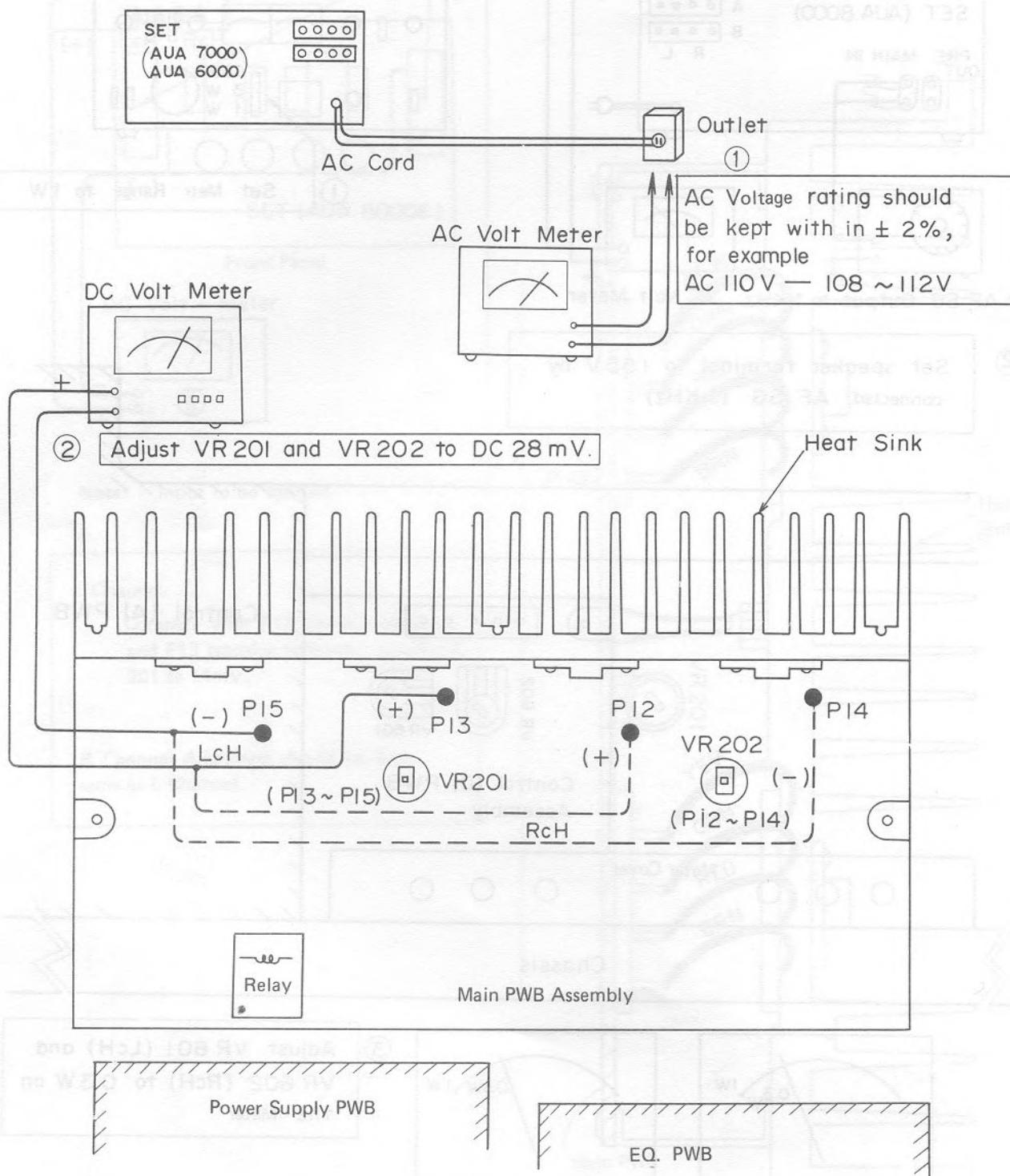
- ③ Adjust VR 601 (LcH) and VR 602 (RcH) to 0.3W on the Meter

Meter

AUA-7000E & AUA-6000E ALIGNMENT INSTRUCTION

3. Equipment Required : AC Volt-Meter
DC Volt-Meter

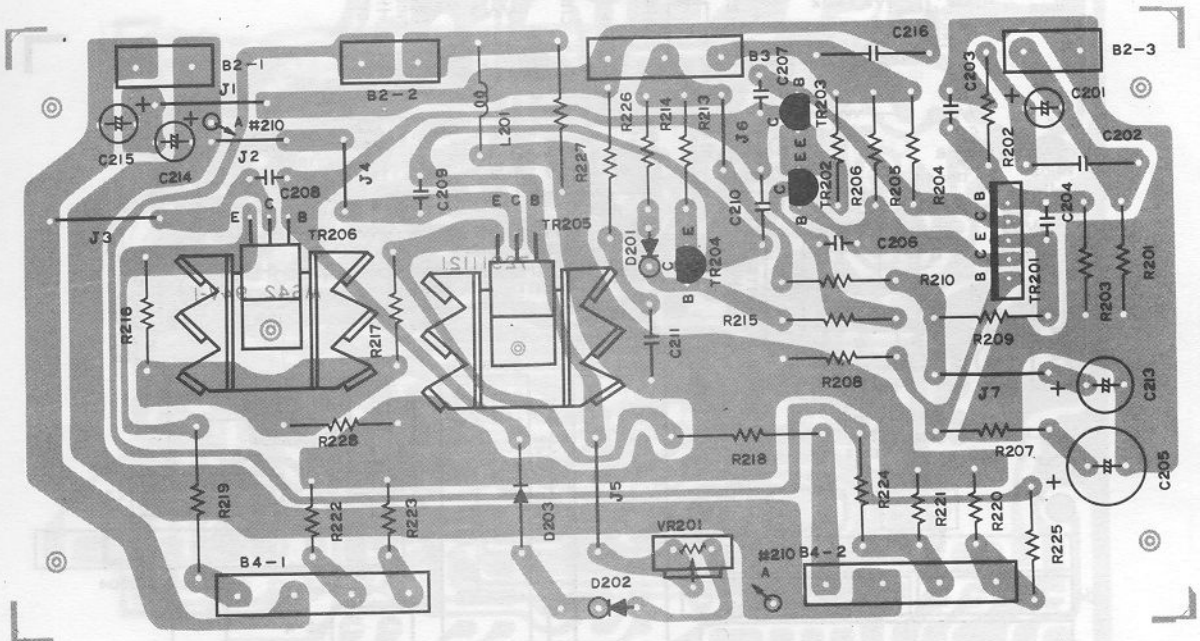
Alignment



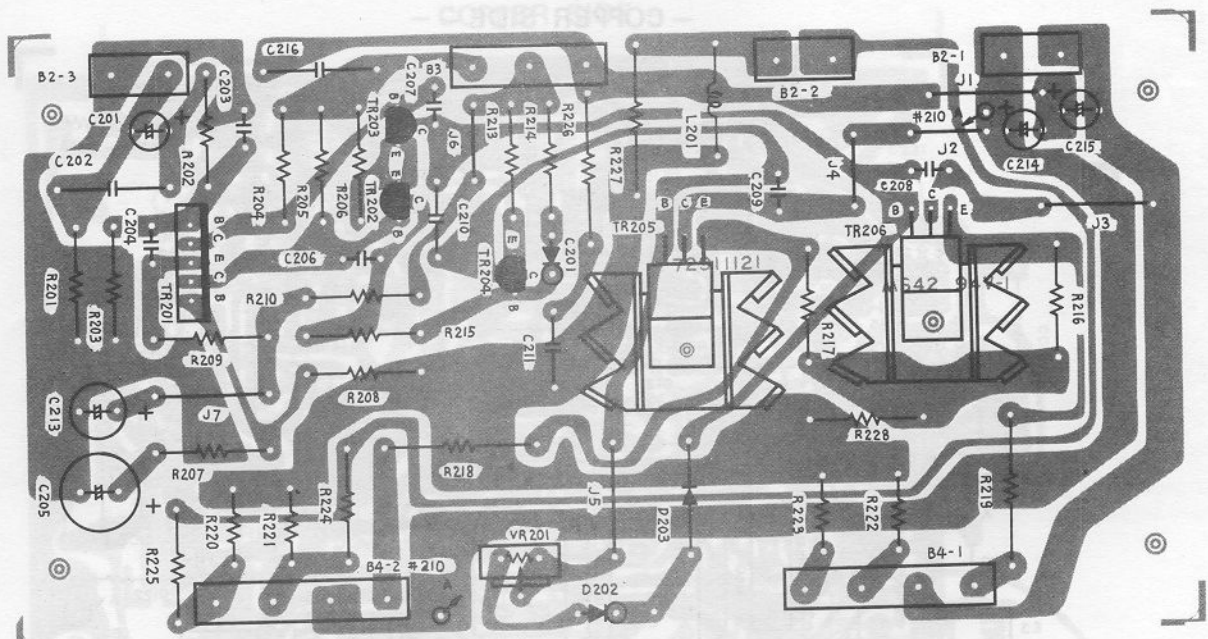
MAIN PWB ASS'Y

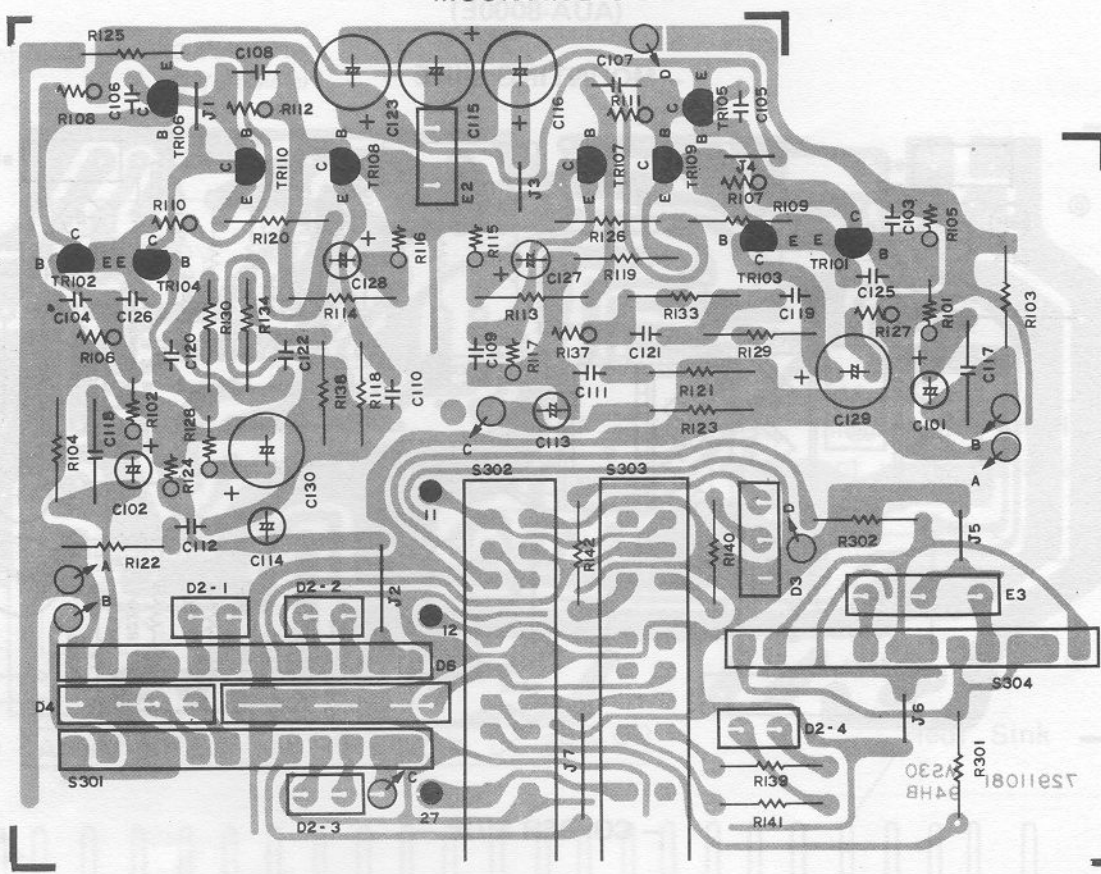
(AUA-8000E)

— MOUNTING SIDE —

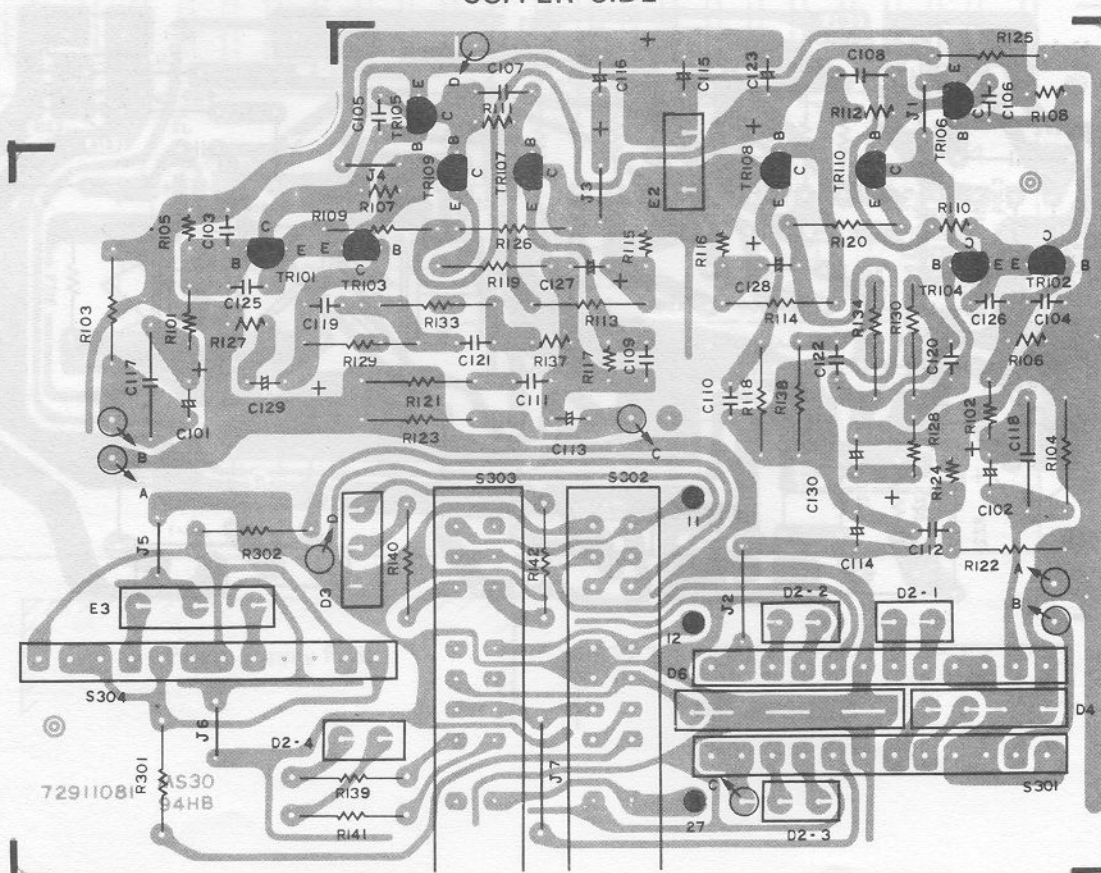


— COPPER SIDE —





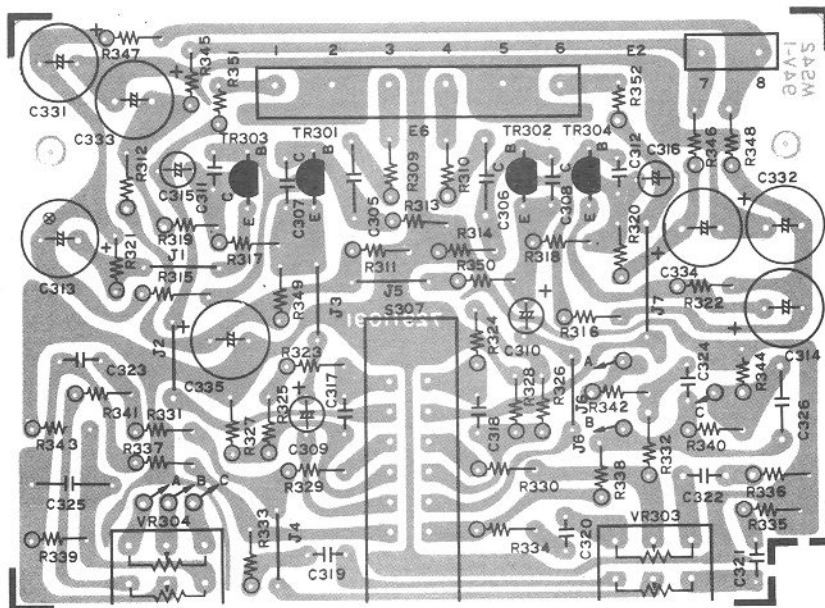
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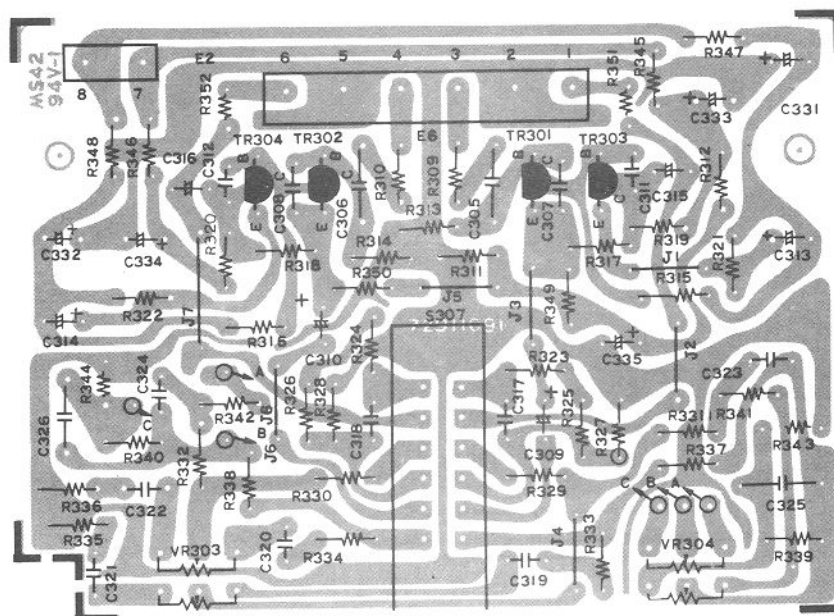
CONTROL (B) UNIT PWB UNIT ASS'Y

(AUA-8000E)

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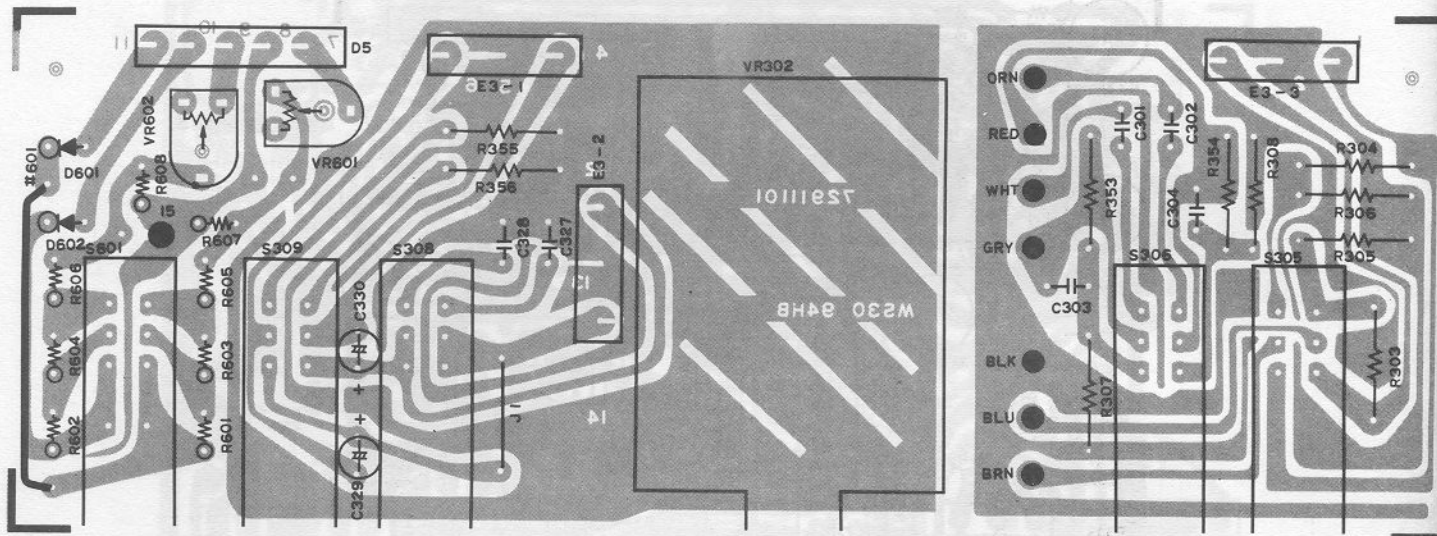
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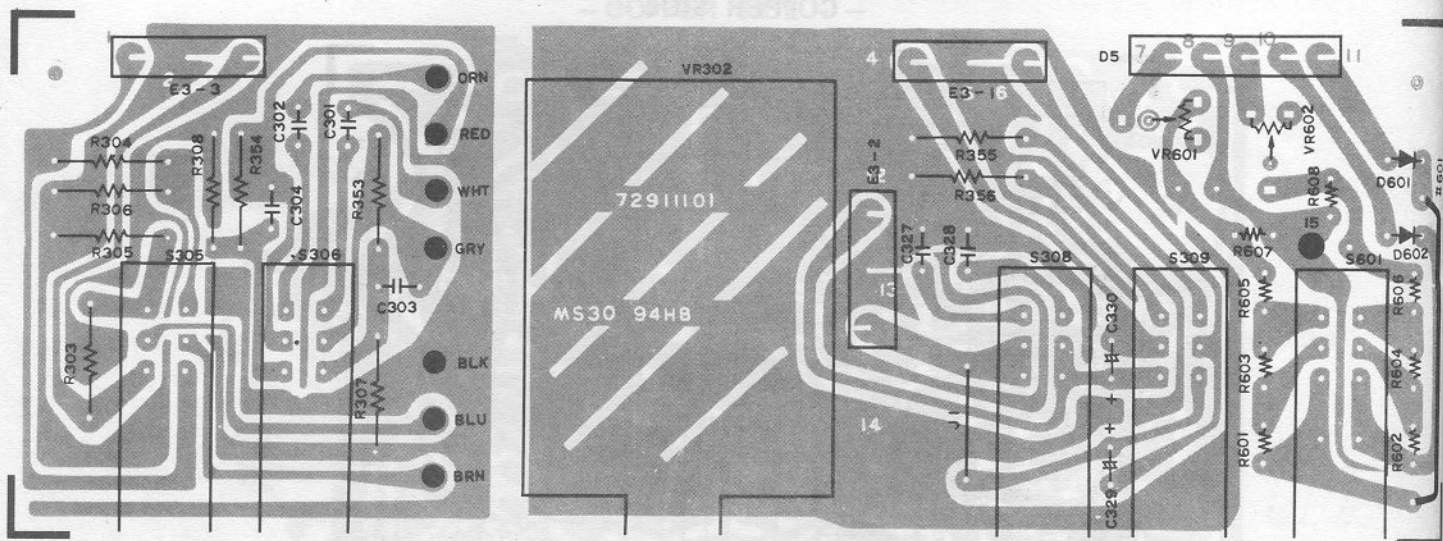
CONTROL (C) UNIT PWB UNIT ASS'Y

(AUA-8000E)

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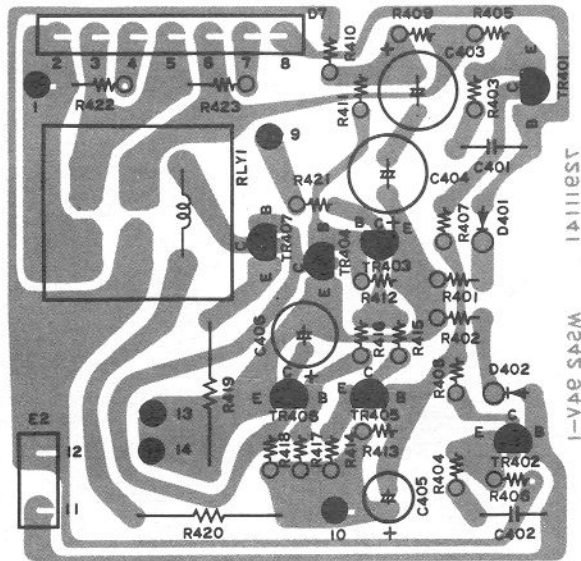
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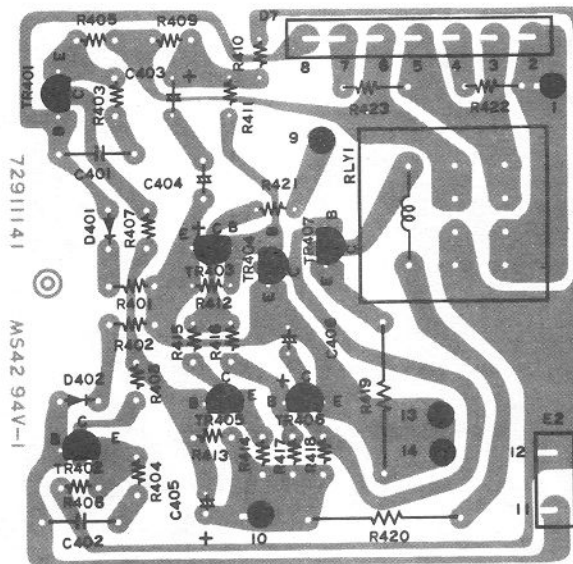
PROTECTOR PWB UNIT ASS'Y

(AUA-8000E)

— MOUNTING SIDE —



— COPPER SIDE —

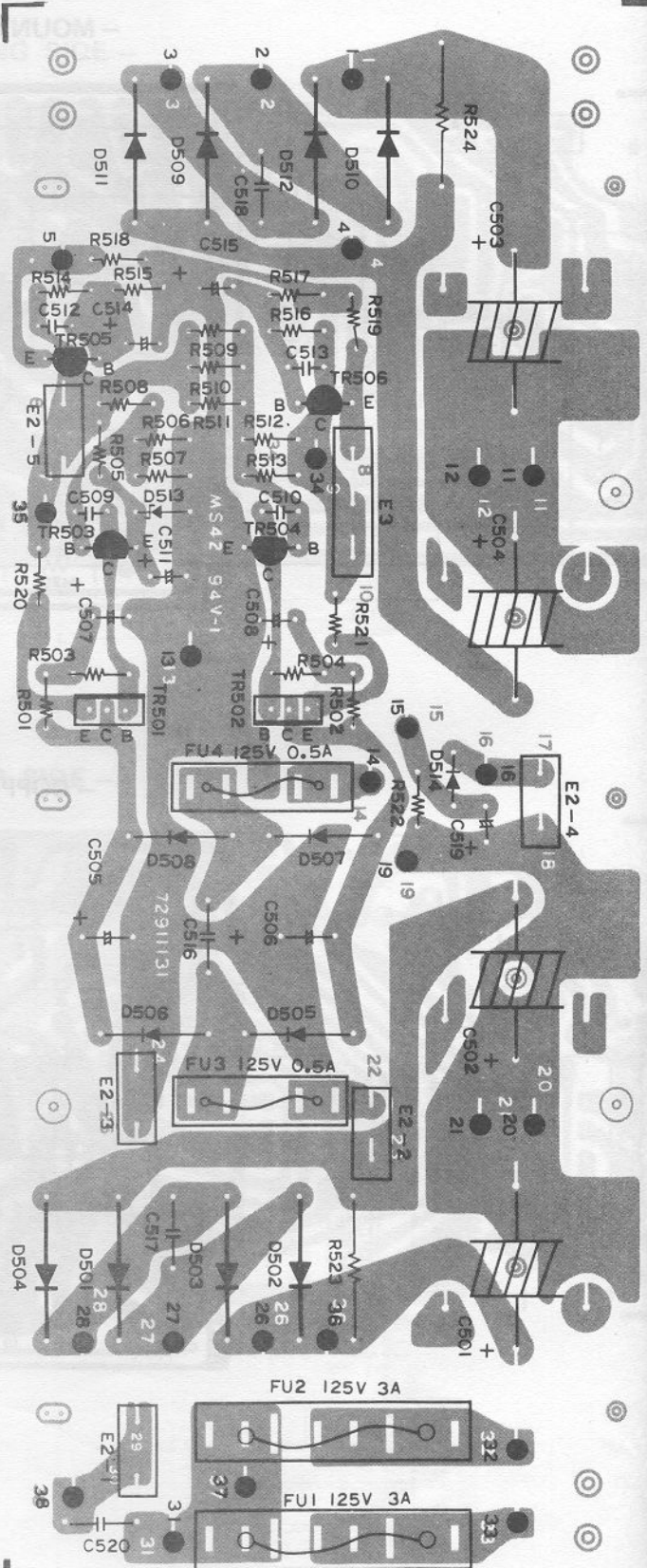
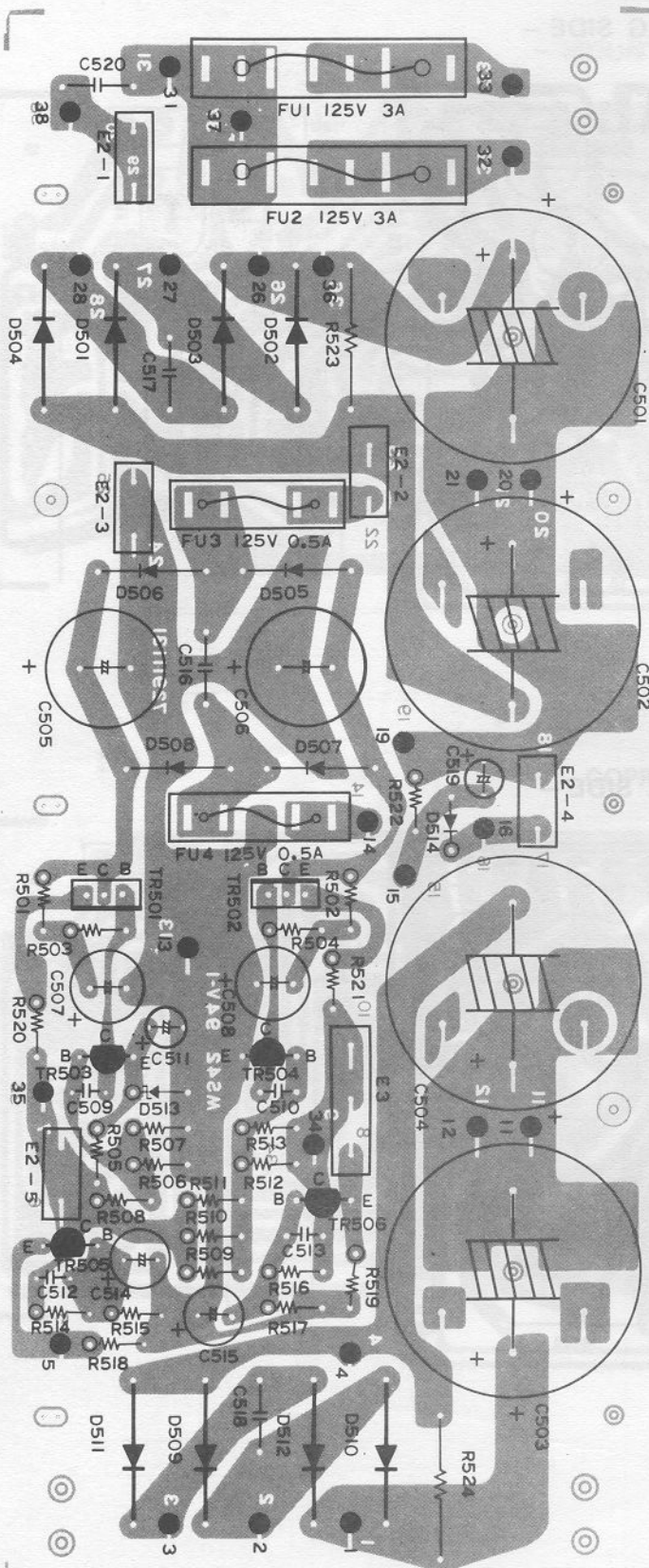


POWER PWB UNIT ASS'Y

(AUA-8000E)

- MOUNTING SIDE -

- COPPER SIDE -

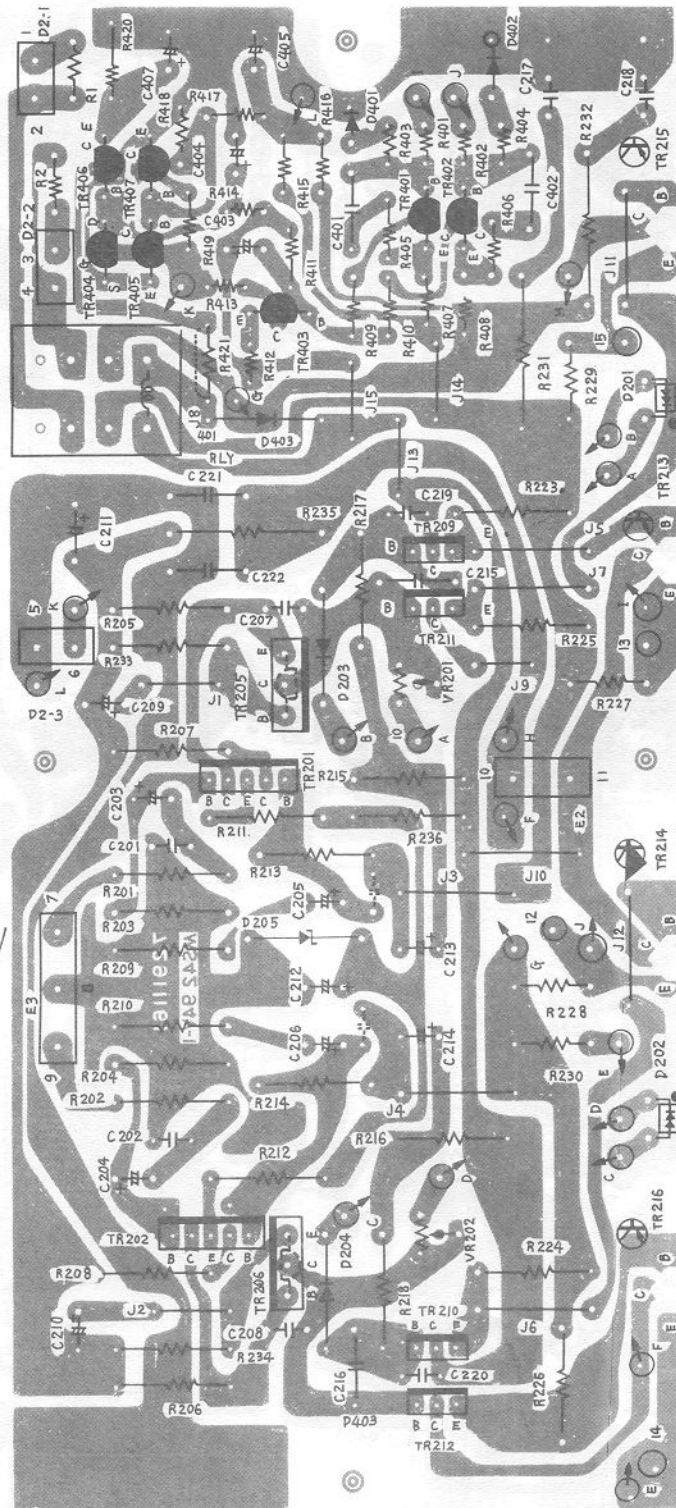


(AUA-6000E/6000EB · AUA-7000E/7000EB)

MAIN PWB ASS'Y

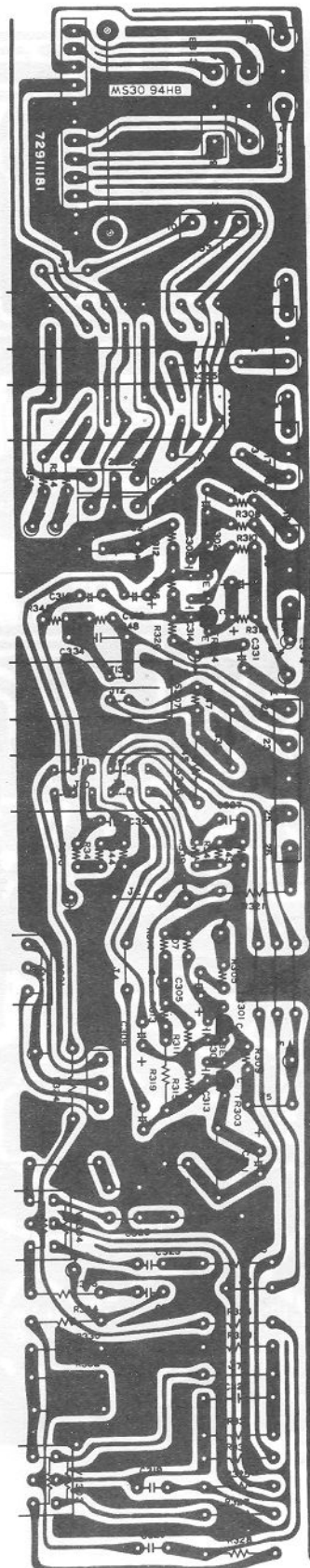
(AUA-6000E-AUA-7000E)

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(AUA-6000E/6000EB · AUA-7000E/7000EB)

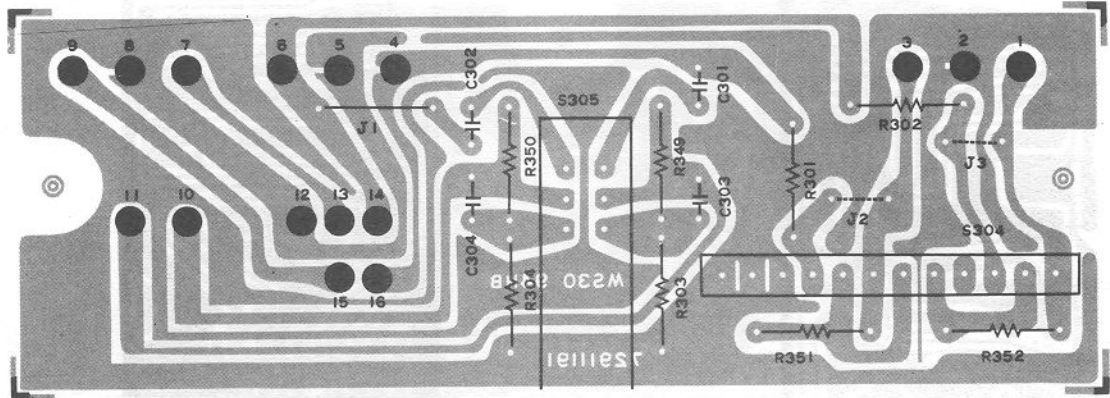
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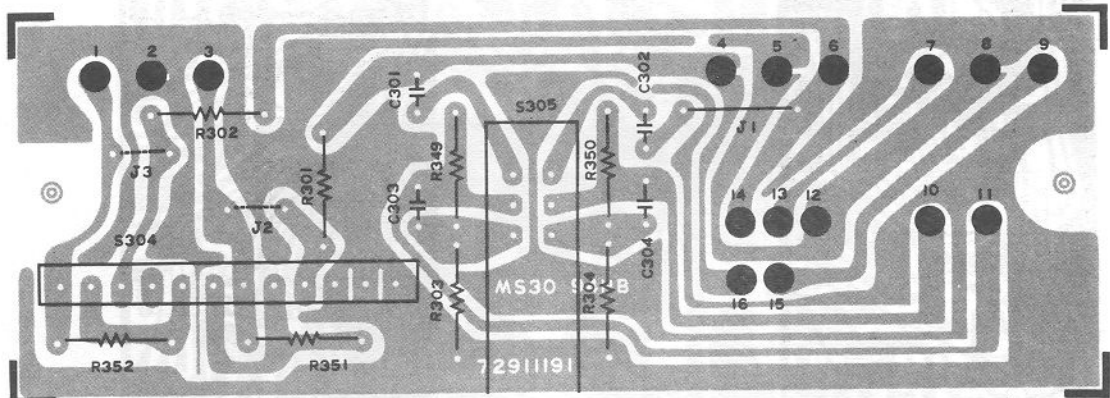
CONTROL (B) UNIT PWB UNIT ASS'Y

(AUA-6000E/6000EB · AUA-7000E/7000EB)

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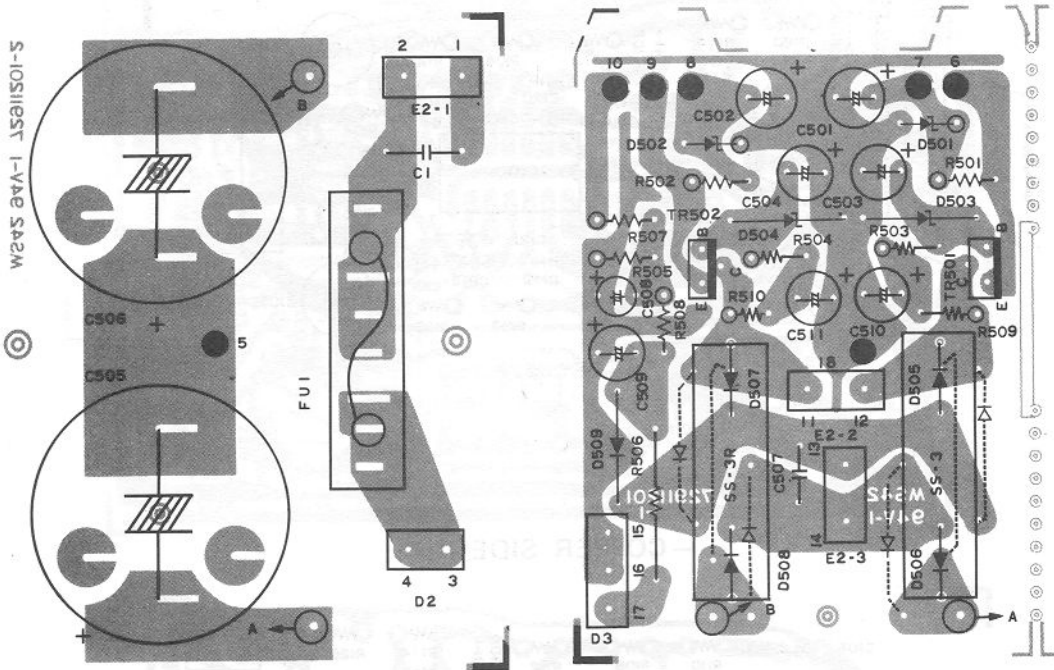
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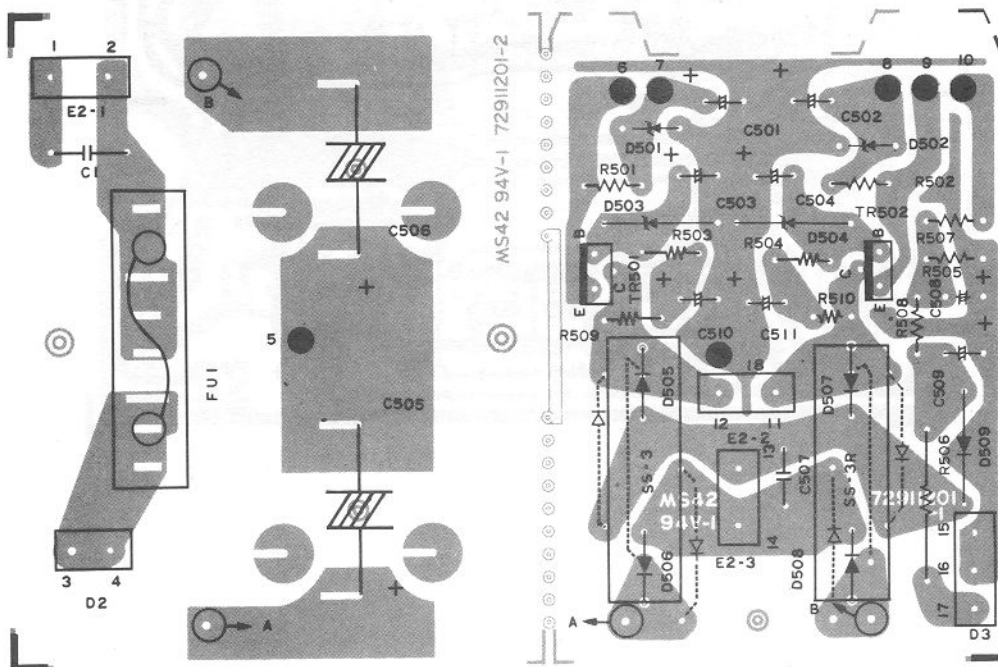
POWER PWB UNIT ASS'Y

(AUA-6000E/6000EB · AUA-7000E/7000EB)

— MOUNTING SIDE —



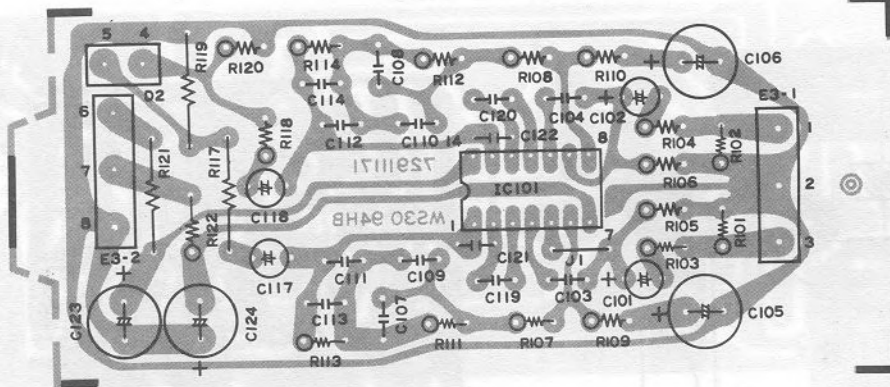
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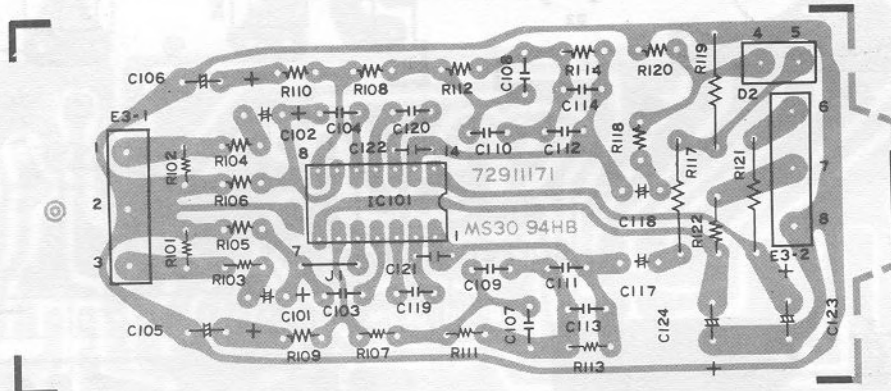
EQ PWB UNIT ASS'Y

(AUA-6000E/6000EB)

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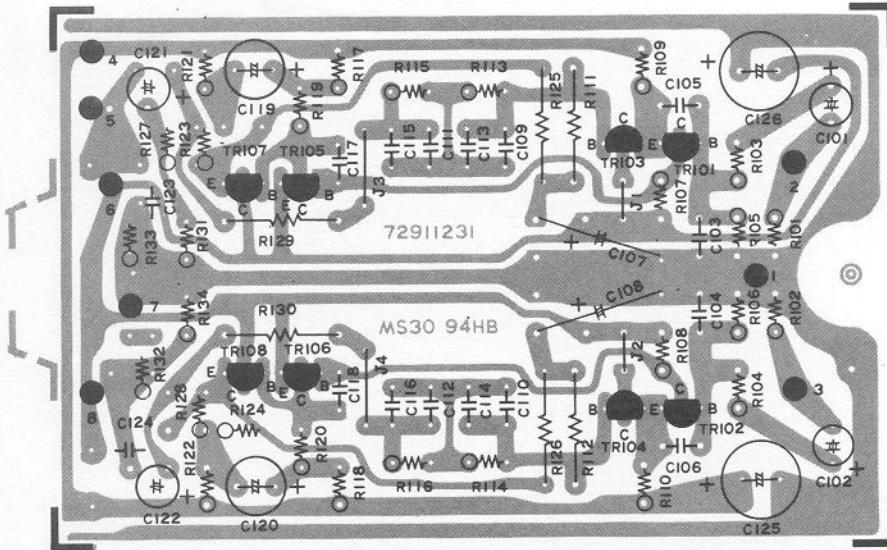
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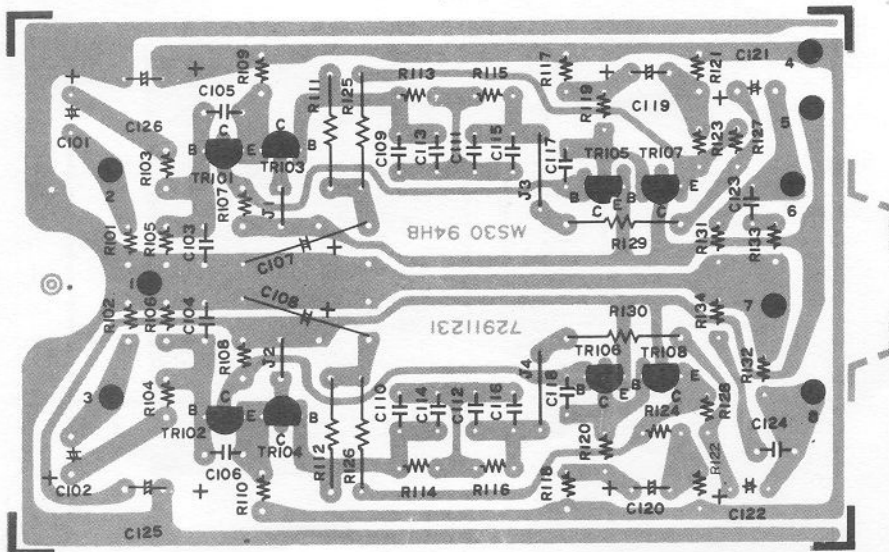
EQ PWB UNIT ASS'Y

(AUA-7000E/7000EB)

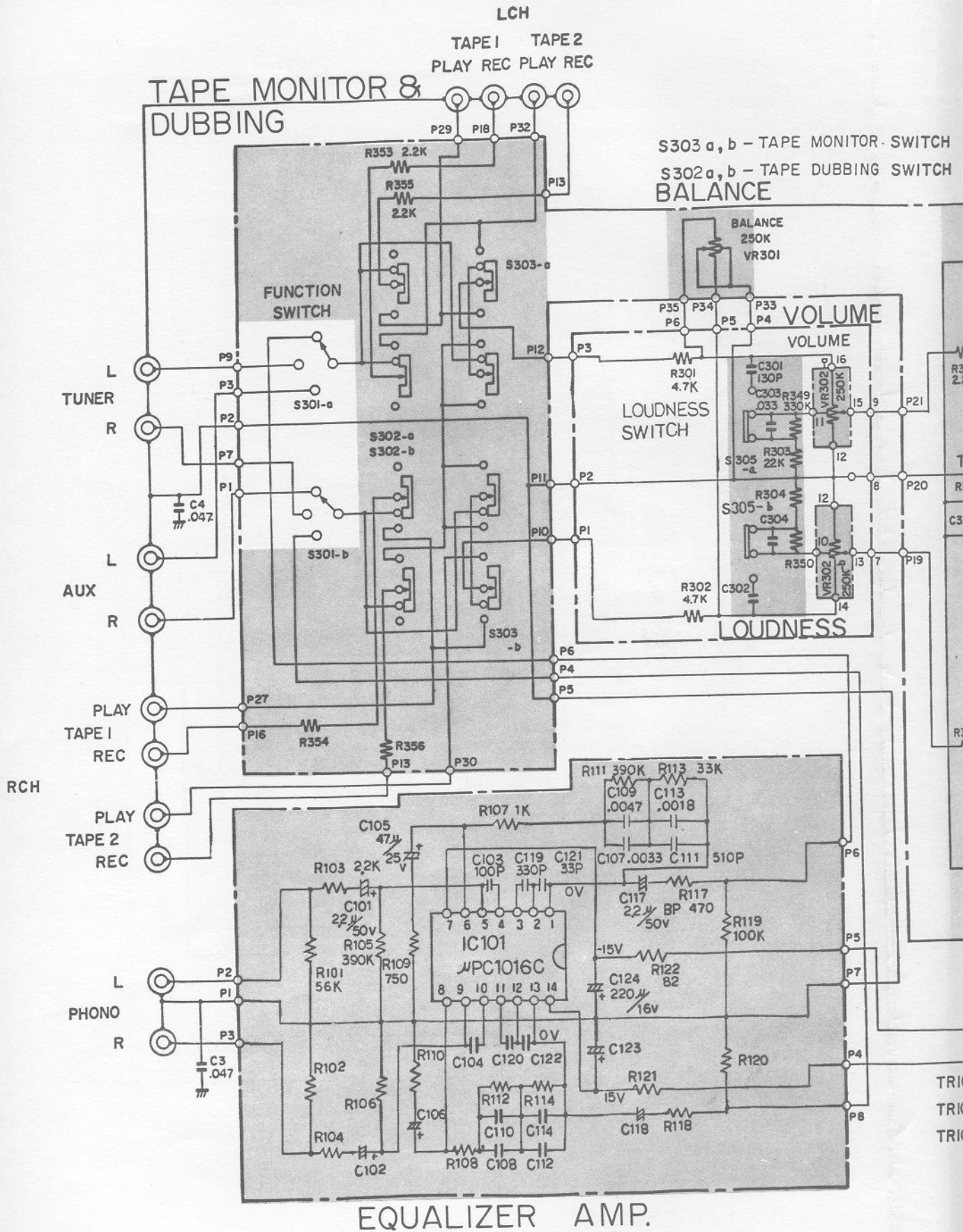
— MOUNTING SIDE —



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AUA-6000E/ 6000EB SCHEMATIC DIAGRAM



TR301, 2 2SA872E

TR303, 4 2SC1775F

MONITOR SWITCH

BING SWITCH

TONE AMP. & CONTROL

UME

ME

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TR101, 2, 3, 4 2SA726F

TR105, 6 2SC1313G

TR107, 8 2SA726F

TR201, 202 2SA798

TR205, 206 2SC1775

TR209, 210 2SD414

TR211, 212 2SB548

TR213, 214 2SD587

POW

D205
RD15EC

C212
47μ/16V

C203
4.7μ/50V

R201
2.2K

C201
270P

R203
56K

R205
2.7K

C211
220μ/50V

C202

P202

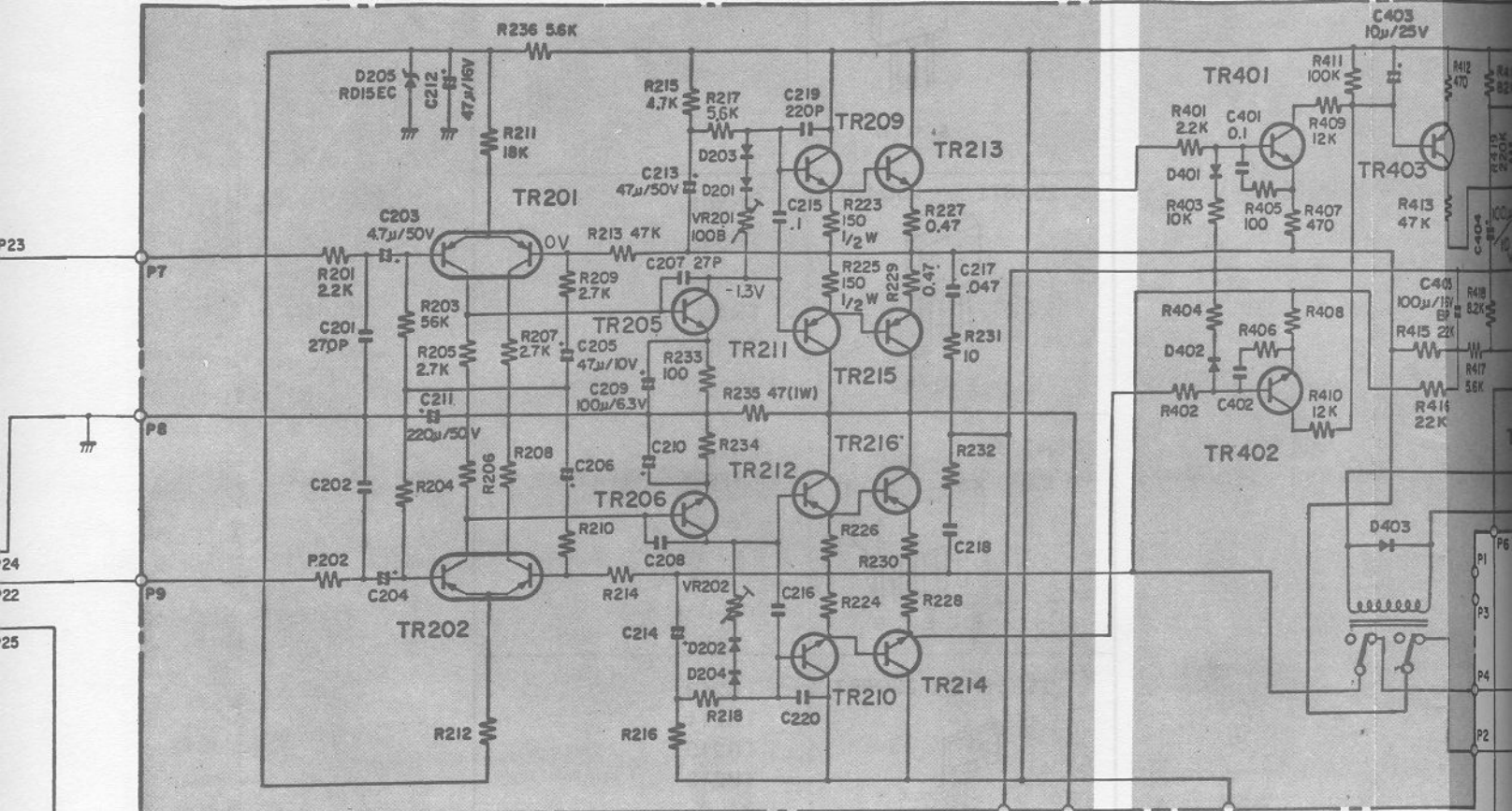
C204

TR202

R212

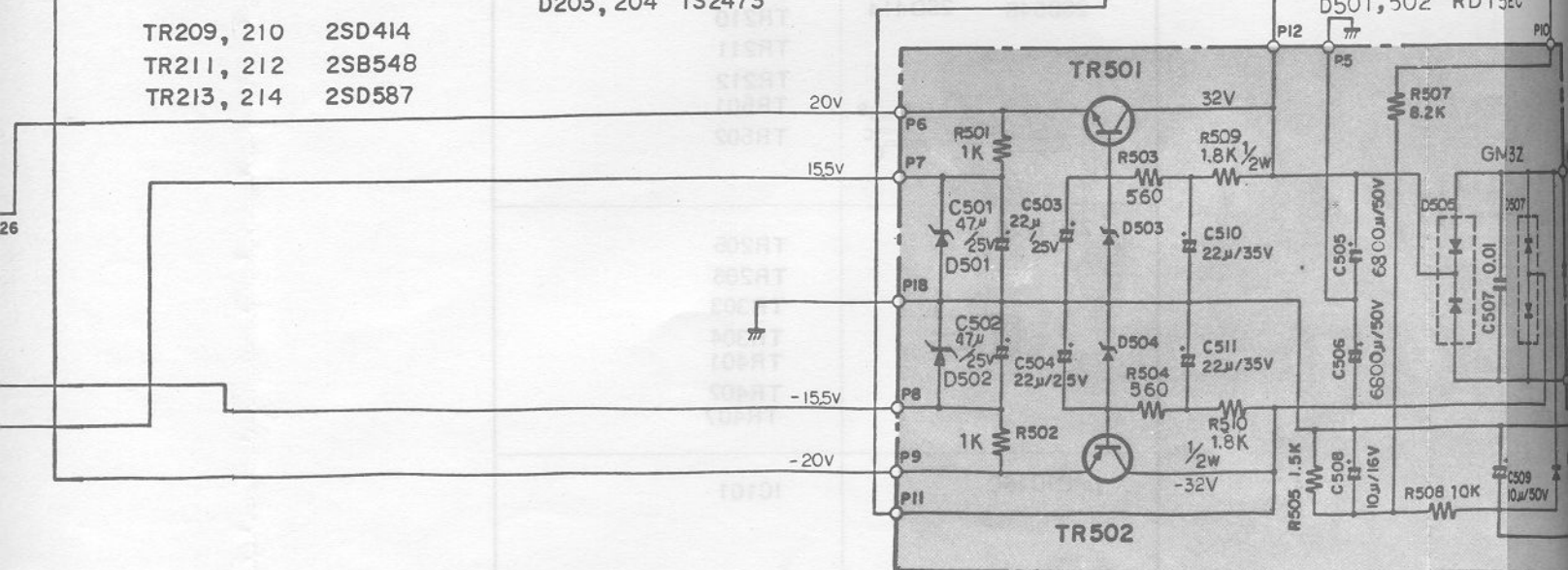
POWER AMP

PROTECT

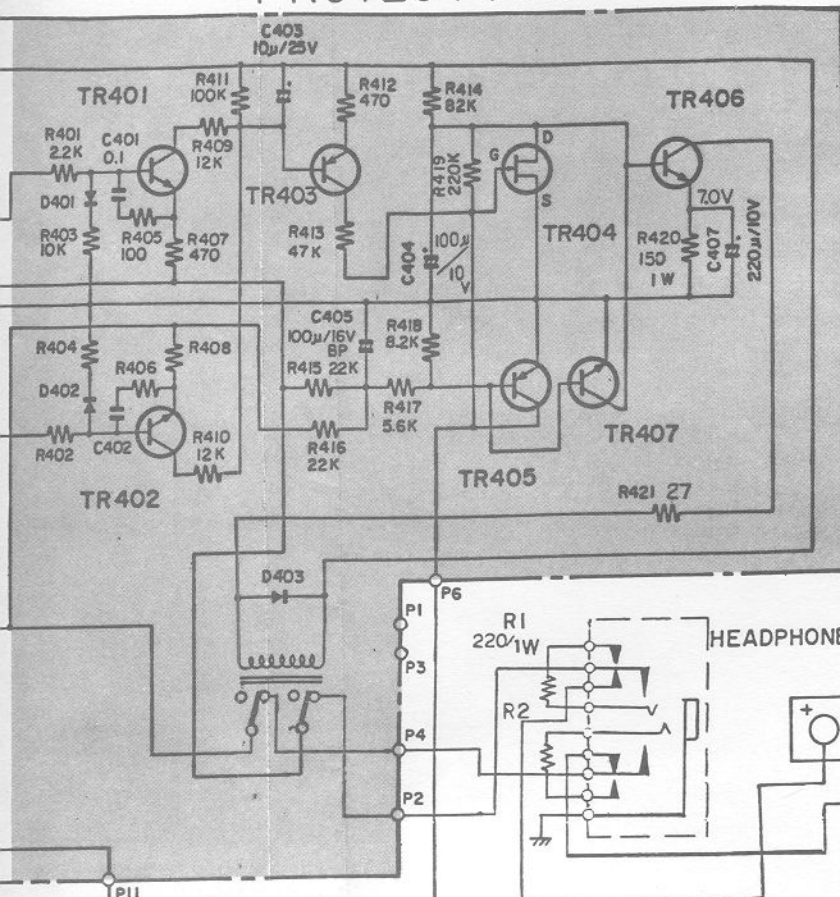


TR201, 202	2SA798	TR215, 216	2SB617
TR205, 206	2SC1775	D201, 202	STV-3(H)
		D203, 204	IS2473
TR209, 210	2SD414		
TR211, 212	2SB548		
TR213, 214	2SD587		

TR501	2SD414
TR502	2SB548
D503, 504	RD20EB
D501, 502	RD15EC



PROTECTION



TR401, 402, 407
2SC1775

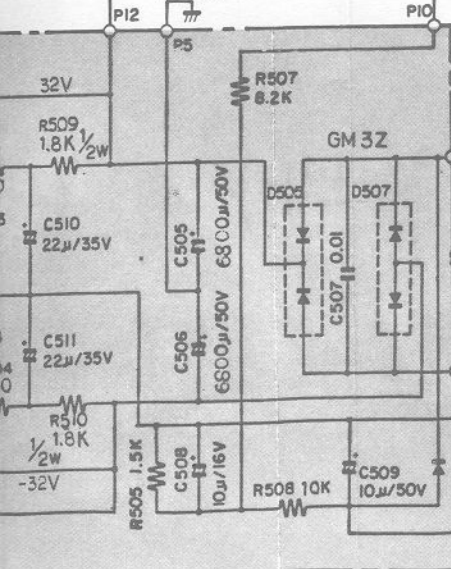
TR403, 5
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TR404
2SK30

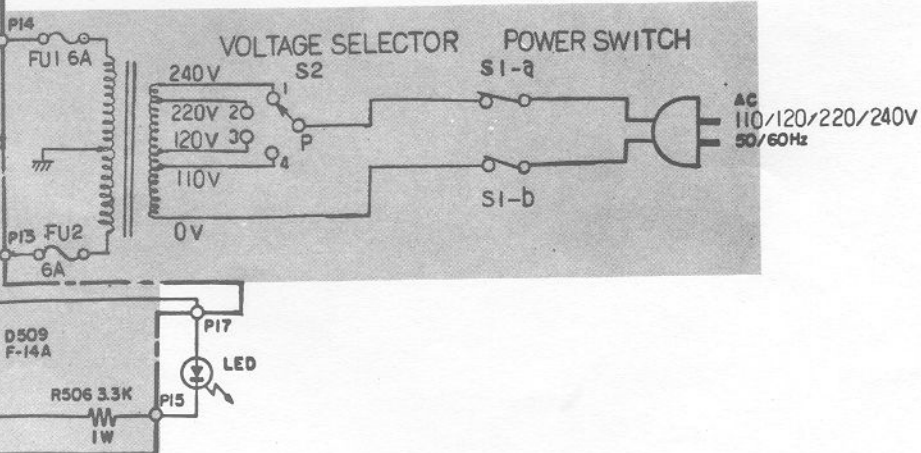
TR406
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D401, 402, 403
IS2473

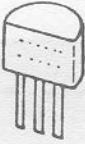
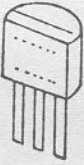
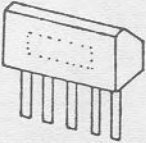
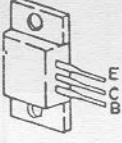
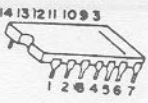
TR501 2SD414
TR502 2SB543
D503, 504 RD20EB
D501, 502 RD15EC



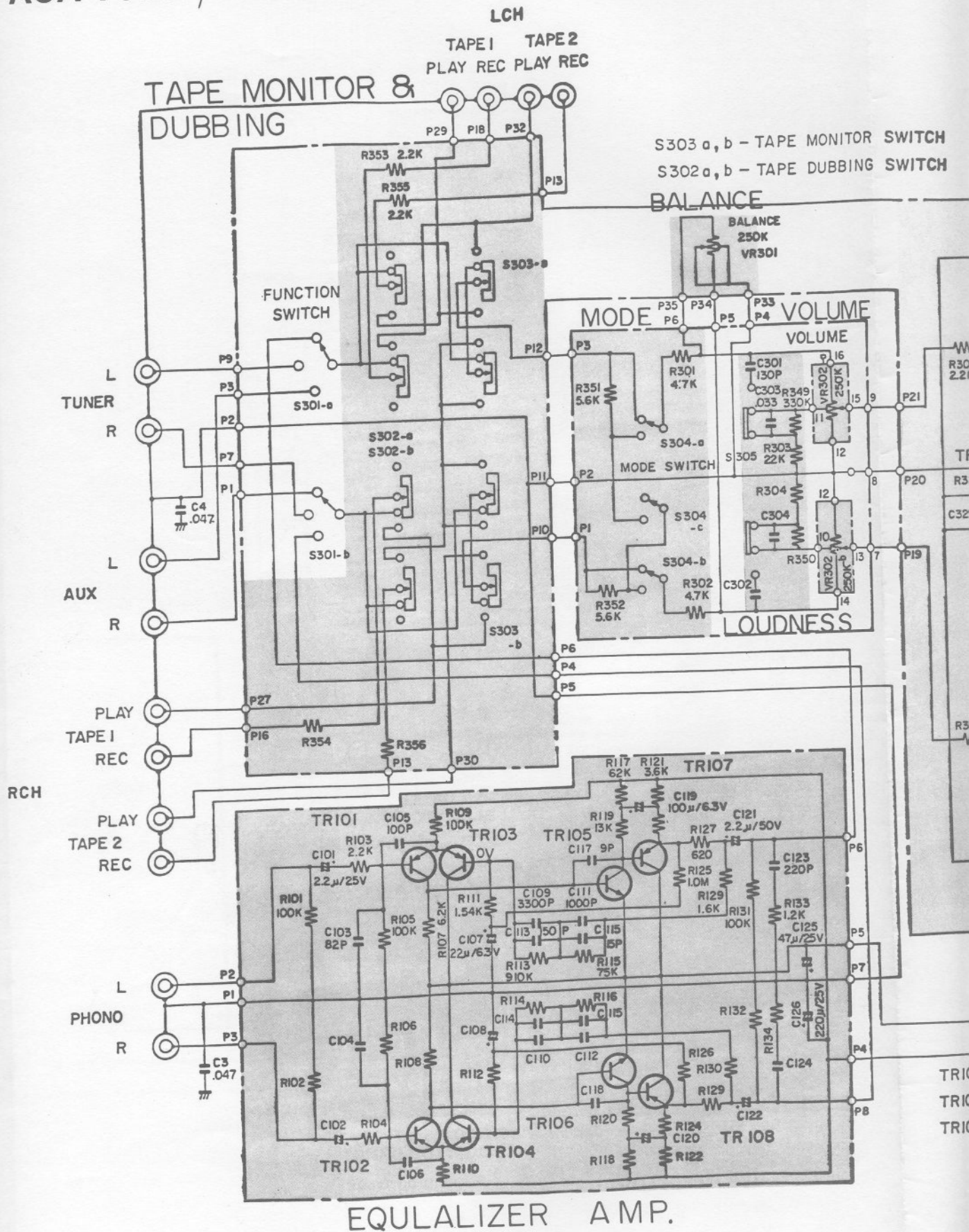
POWER SUPPLY



Transistor & IC Lead Identification

2SK30  S G D	TR404
2SA872 2SD438  E C B	TR301 TR302 TR403 TR405 TR406
2SA798  B C E C B	TR201 TR202
2SB617 2SD587  E C B	TR213 TR214 TR215 TR216
2SB548 2SD414  B C E	TR209 TR210 TR211 TR212 TR501 TR502
2SC1775  B C E	TR205 TR206 TR303 TR304 TR401 TR402 TR407
μPC1016C  14 13 12 11 10 9 8 7 6 5 4 3 2 1	IC101

AUA-7000E/ 7000EB SCHEMATIC DIAGRAM



TR301,2 2SA872E

TR303,4 2SC1775F

SUBSONIC
FILTER

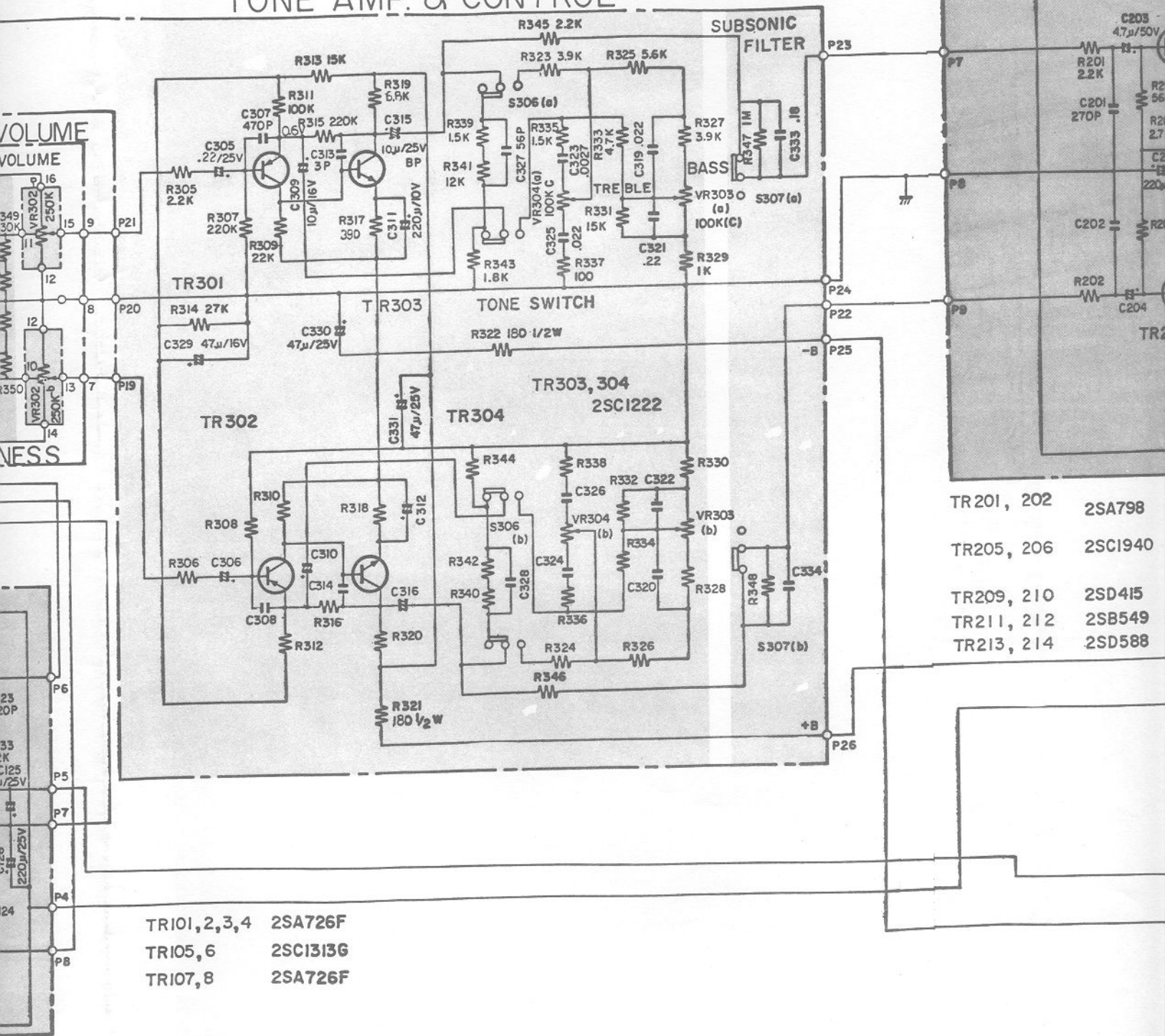
TONE AMP. & CONTROL

E MONITOR SWITCH
E DUBBING SWITCH

VOLUME

VOLUME

NESS



TR101,2,3,4 2SA726F

TR105,6 2SC1313G

TR107,8 2SA726F

TR201, 202 2SA798

TR205, 206 2SC1940

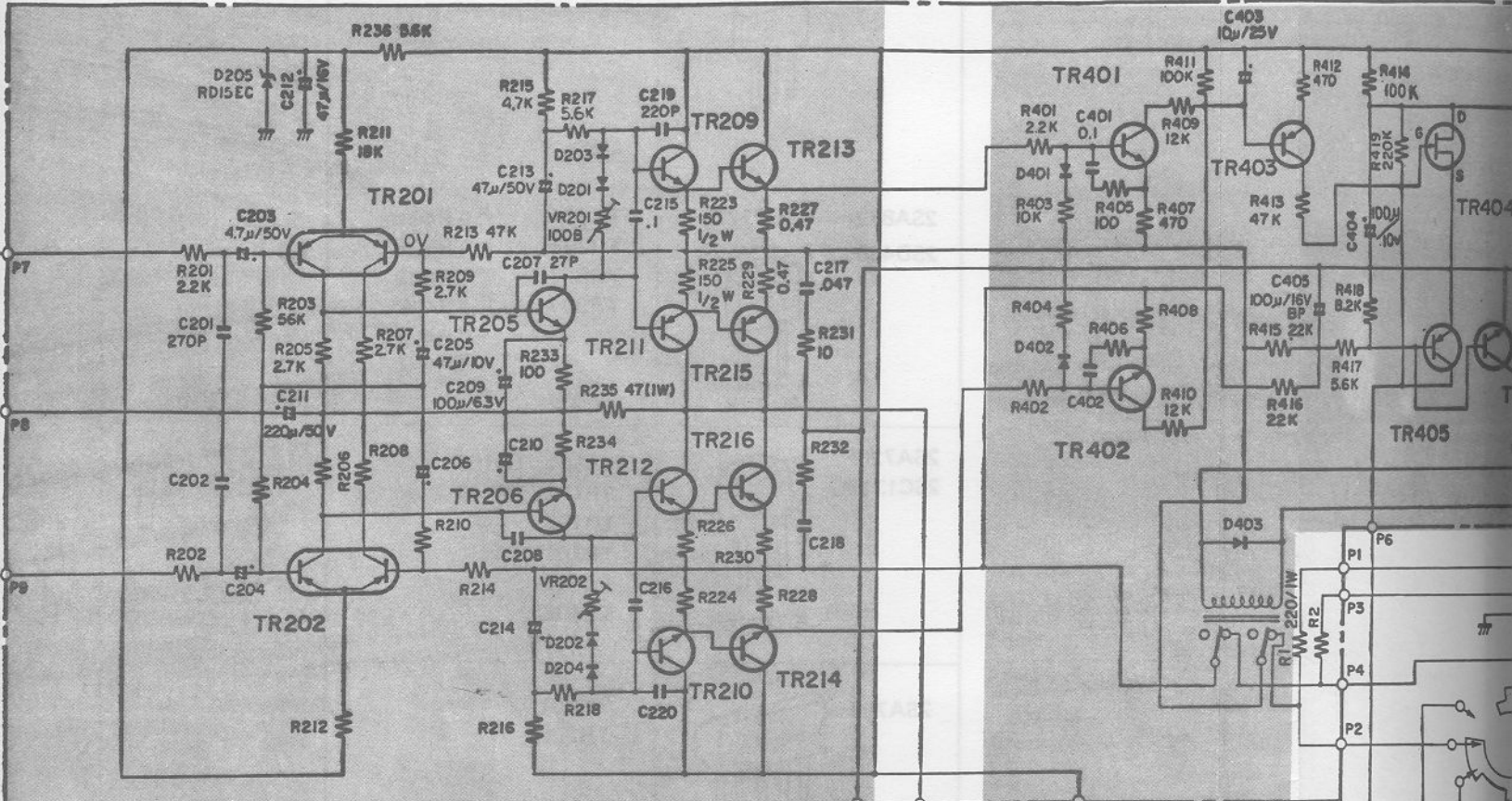
TR209, 210 2SD415

TR211, 212 2SB549

TR213, 214 2SD588

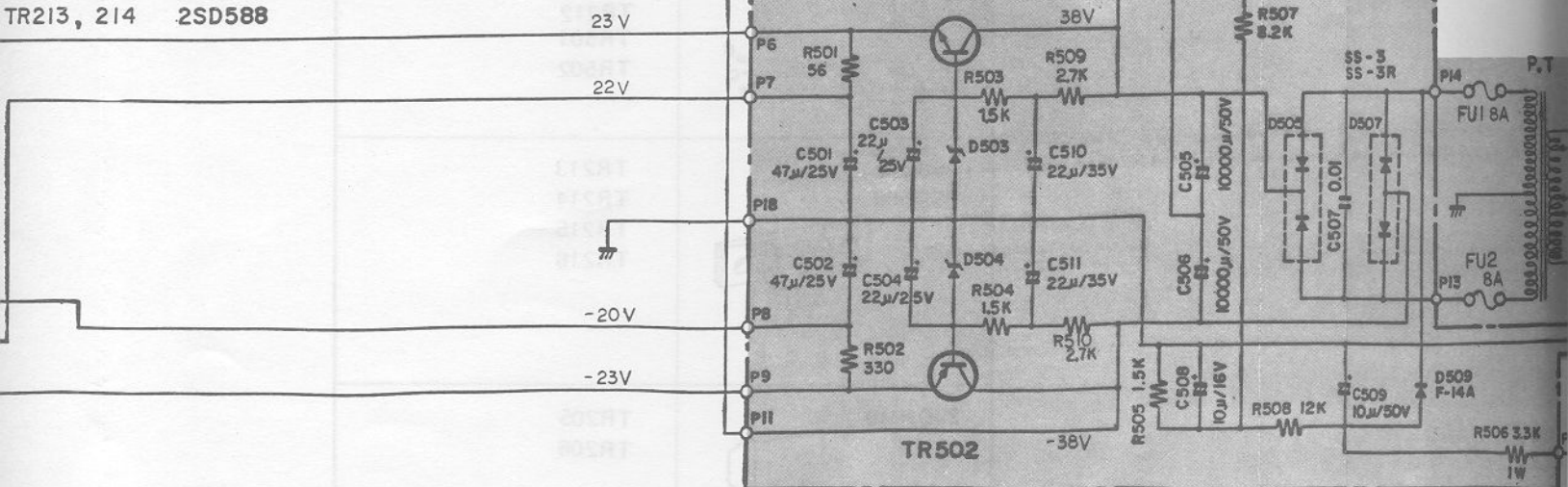
POWER AMP.

PROTECTION

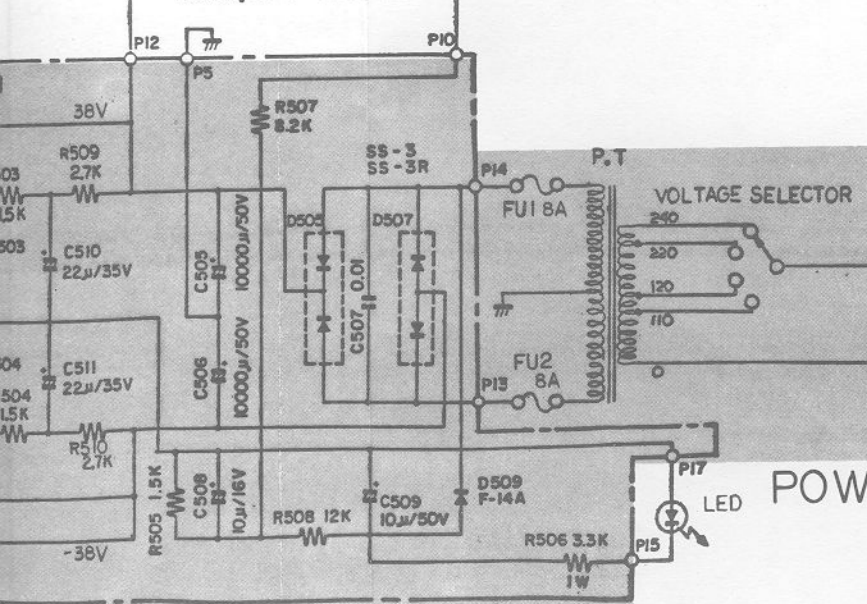
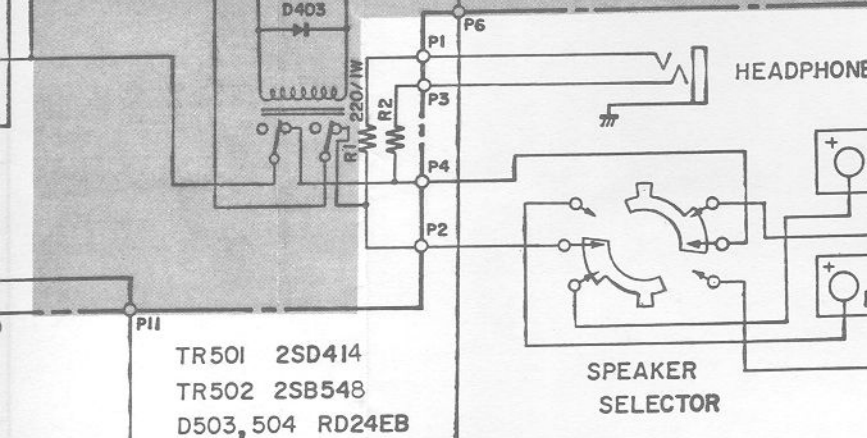
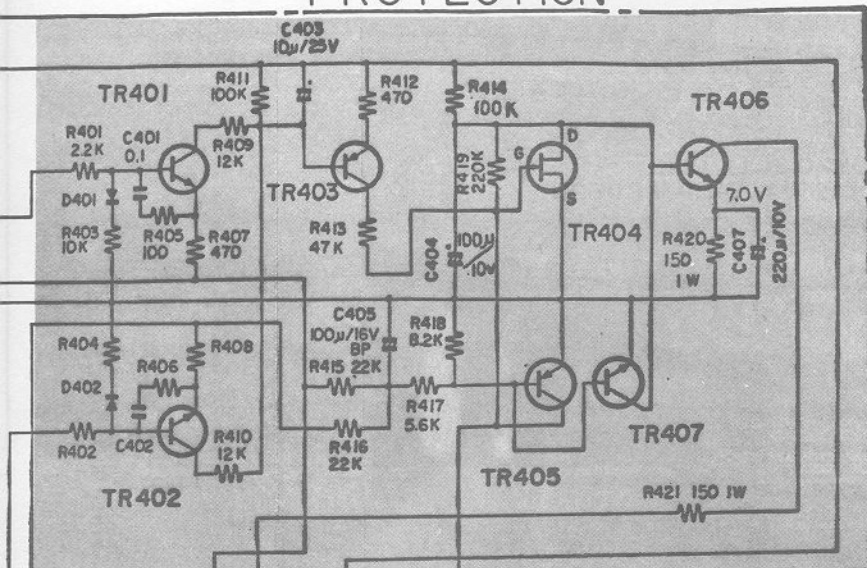


TR201, 202	2SA798	TR215, 216	2SB618
TR205, 206	2SC1940	D201, 202	STV-3(H)
		D203, 204	IS2473
TR209, 210	2SD415		
TR211, 212	2SB549		
TR213, 214	2SD588		

TR501	2SD414
TR502	2SB548
D503, 504	RD24EB



PROTECTION

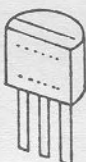
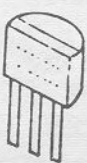
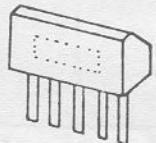
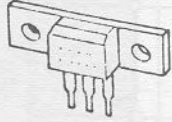
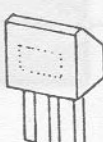


POWER SWITCH

VOLTAGE SELECTOR

AC
110/120/220/240V
50/60Hz

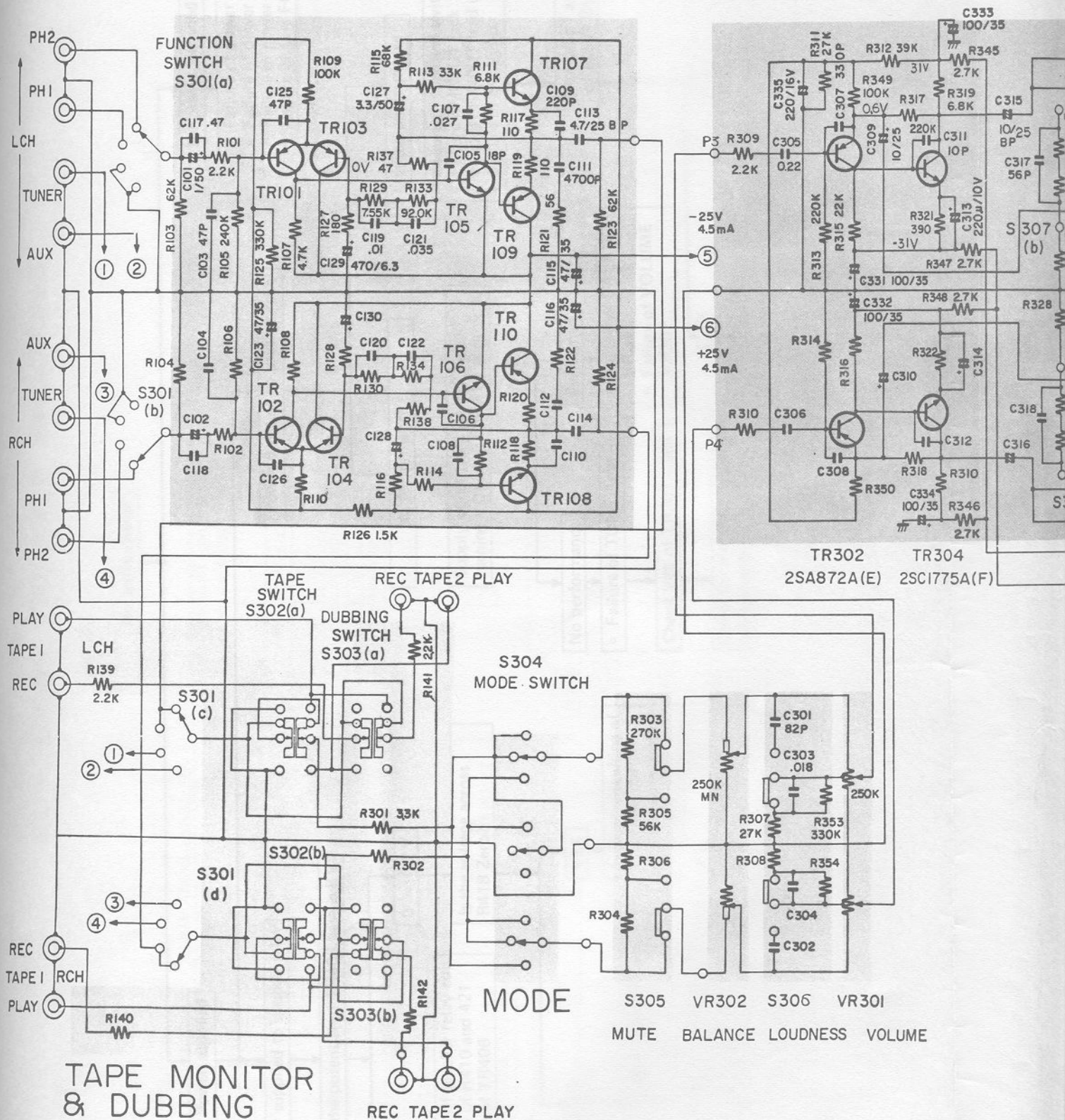
Transistor & IC Lead Identification

2SK30  S G D	TR401
2SA872 2SC1775 2SD438  E C B	TR301 TR401 TR302 TR402 TR303 TR403 TR304 TR405 TR406 TR407
2SA726F 2SC1313G  B C E	TR101 TR107 TR102 TR108 TR103 TR104 TR105 TR106
2SA798  B C E C B	TR201 TR202
2SB548 2SD414 2SB549 2SD415  B C E	TR209 TR210 TR211 TR212 TR501 TR502
2SB618 2SD588  B C E	TR213 TR214 TR215 TR216
2SC1940  B C E	TR205 TR206

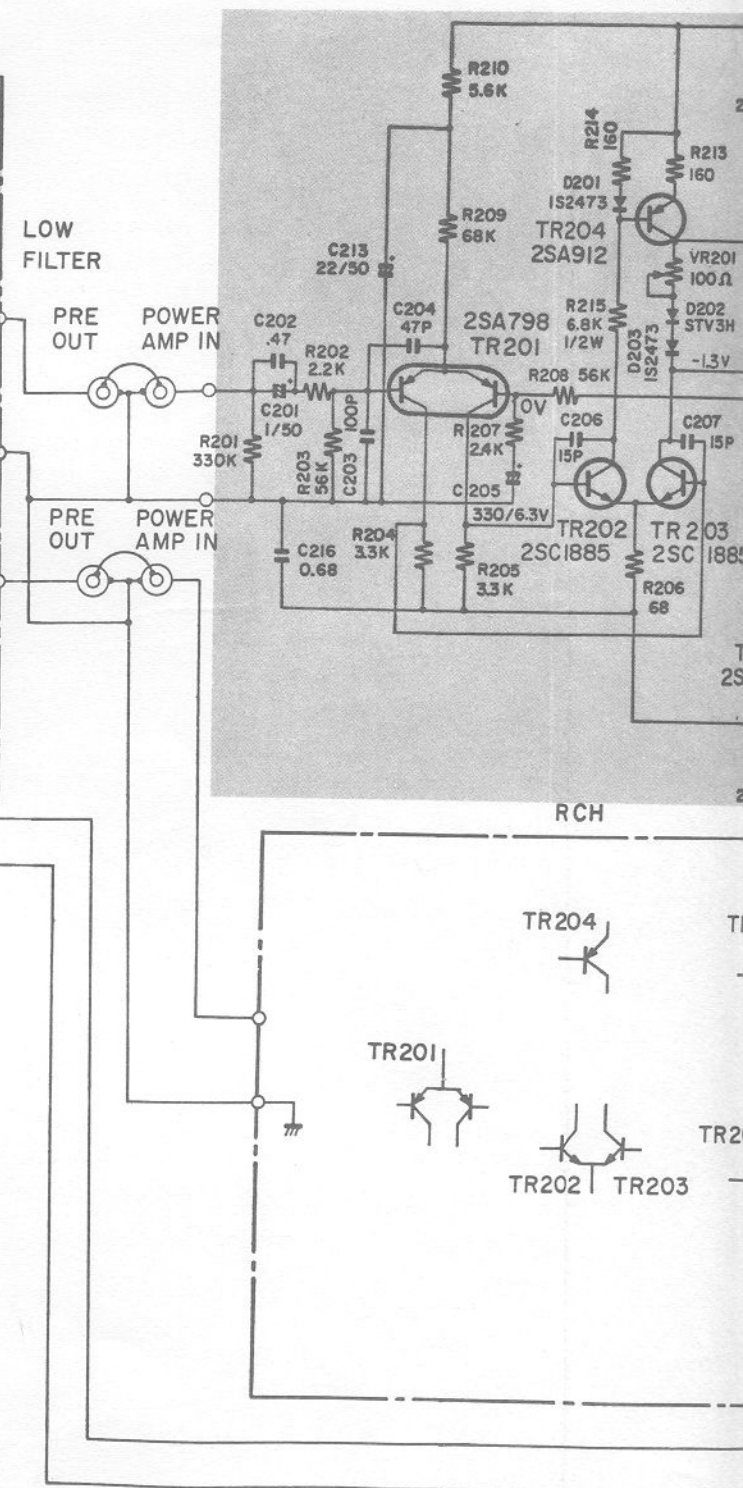
TONE AMP. & CO

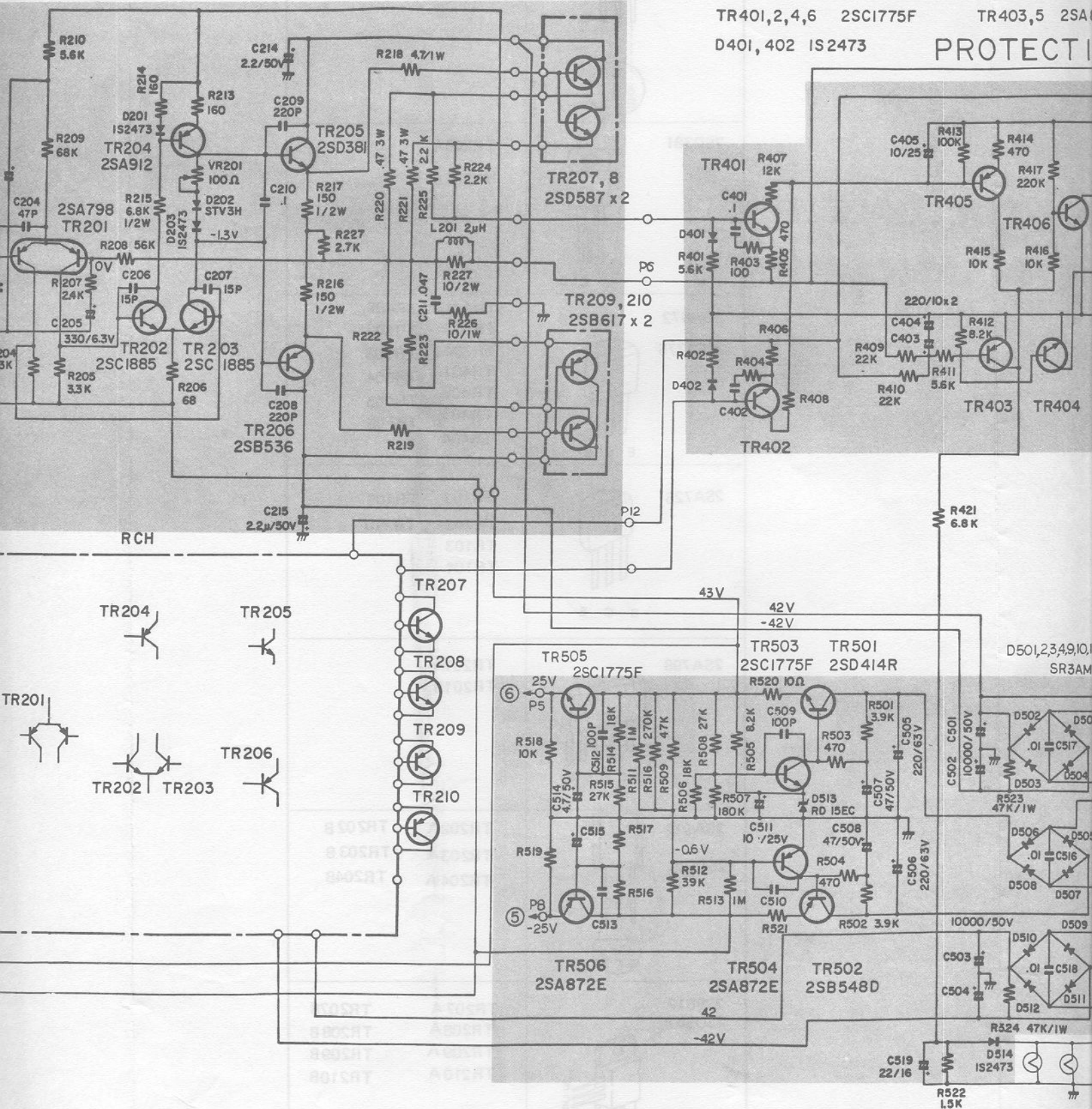
TR303

2SCI775(F)



301	TR303
2A(E)	2SC1775(F)





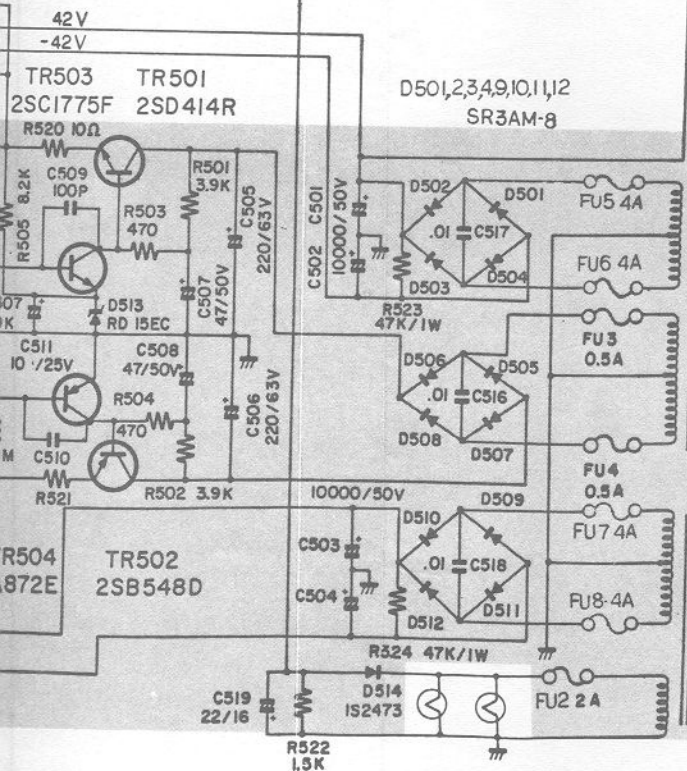
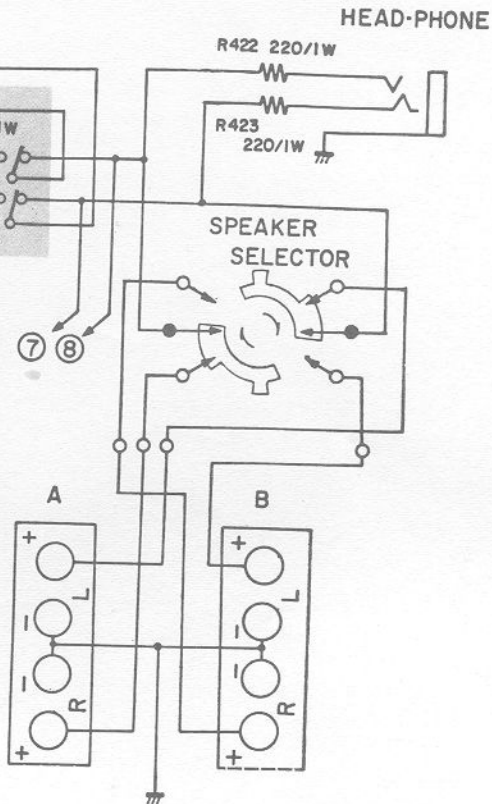
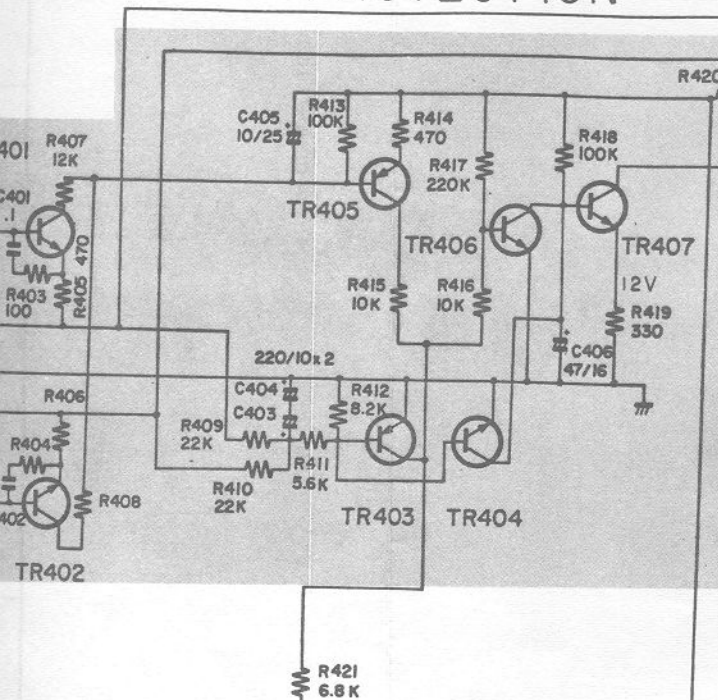
TR401,2,4,6 2SC1775F

TR403,5 2SA872E

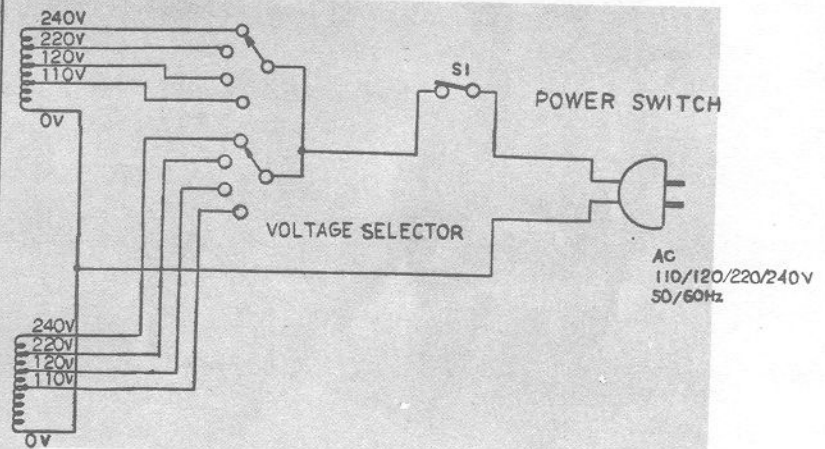
TR407 2SD438E

401,402 IS2473

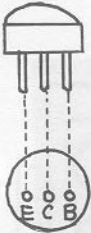
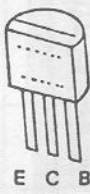
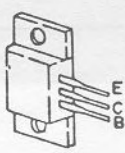
PROTECTION



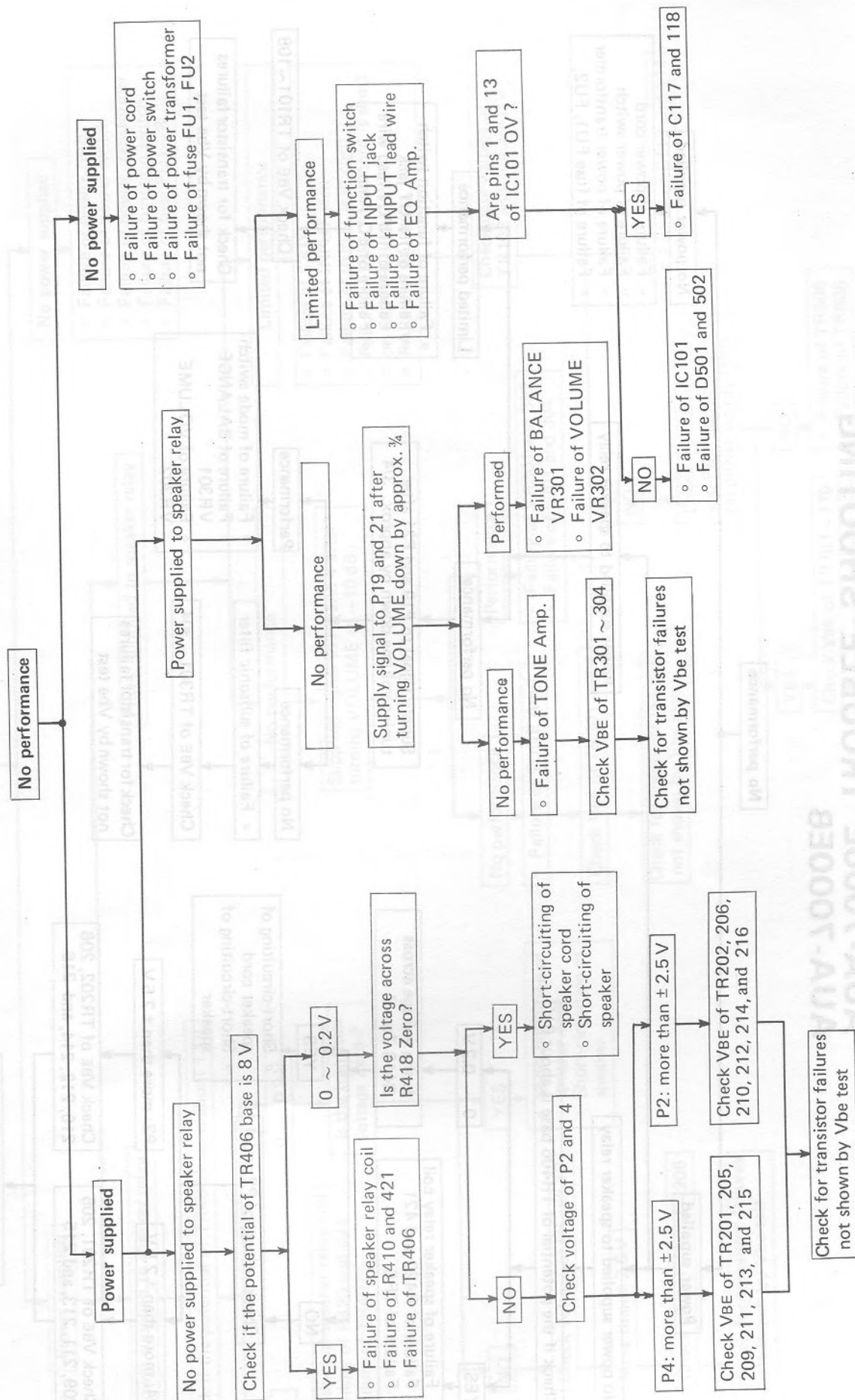
POWER SUPPLY



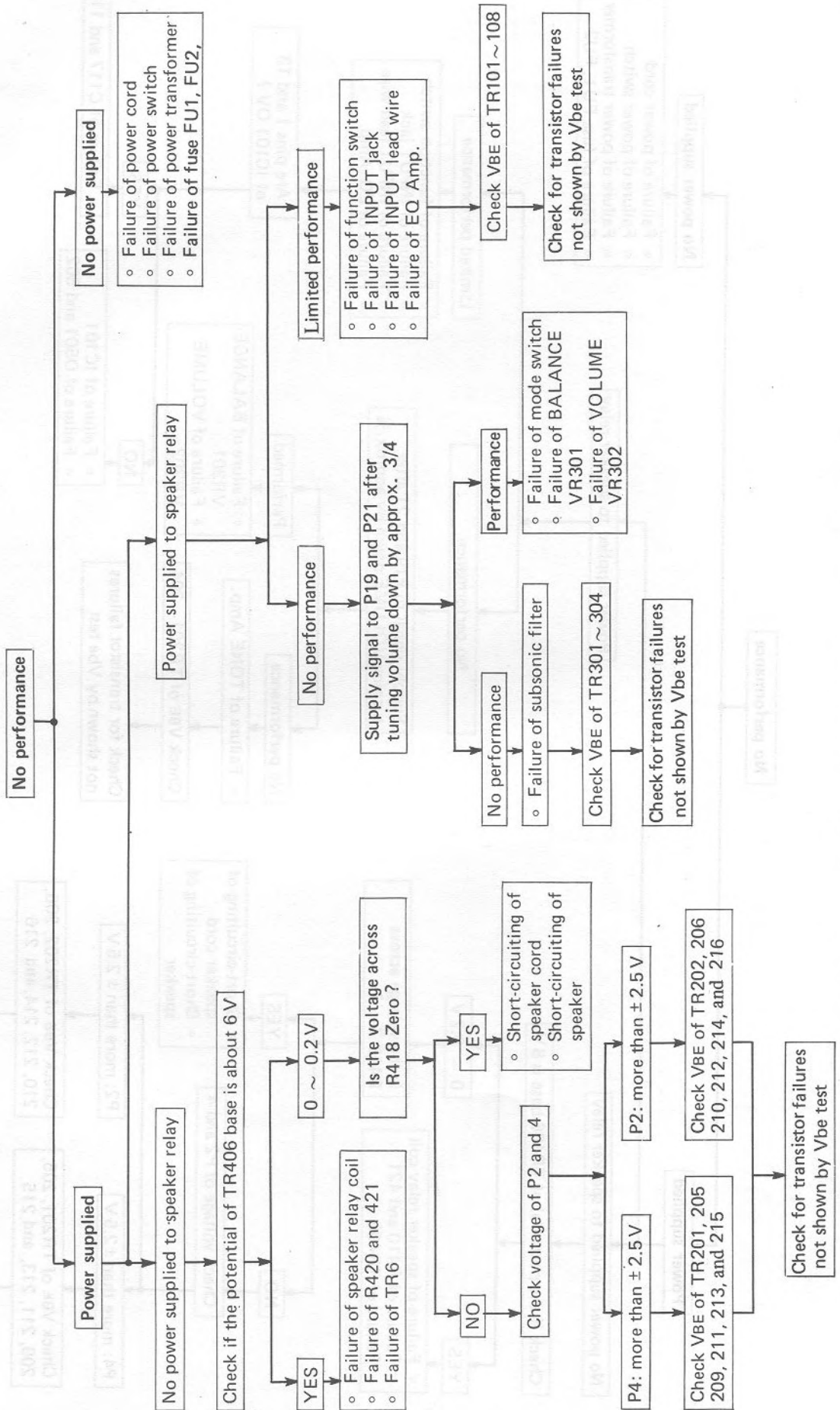
Transistor & IC Lead Identification

2SC536 	TR206A TR206B
2SD381 	TR205A TR205B
2SA872 2SD438 2SC1775 	TR301 TR405 TR303 TR406 TR304 TR503 TR401 TR504 TR402 TR505 TR403 TR506 TR404
2SA726 	TR101 TR109 TR102 TR110 TR103 TR104
2SA798 	TR201A TR201B
2SA912 2SC885 	TR202A TR202B TR203A TR203B TR204A TR204B
2SB617 2SD587 	TR207A TR207B TR208A TR208B TR209A TR209B TR210A TR210B

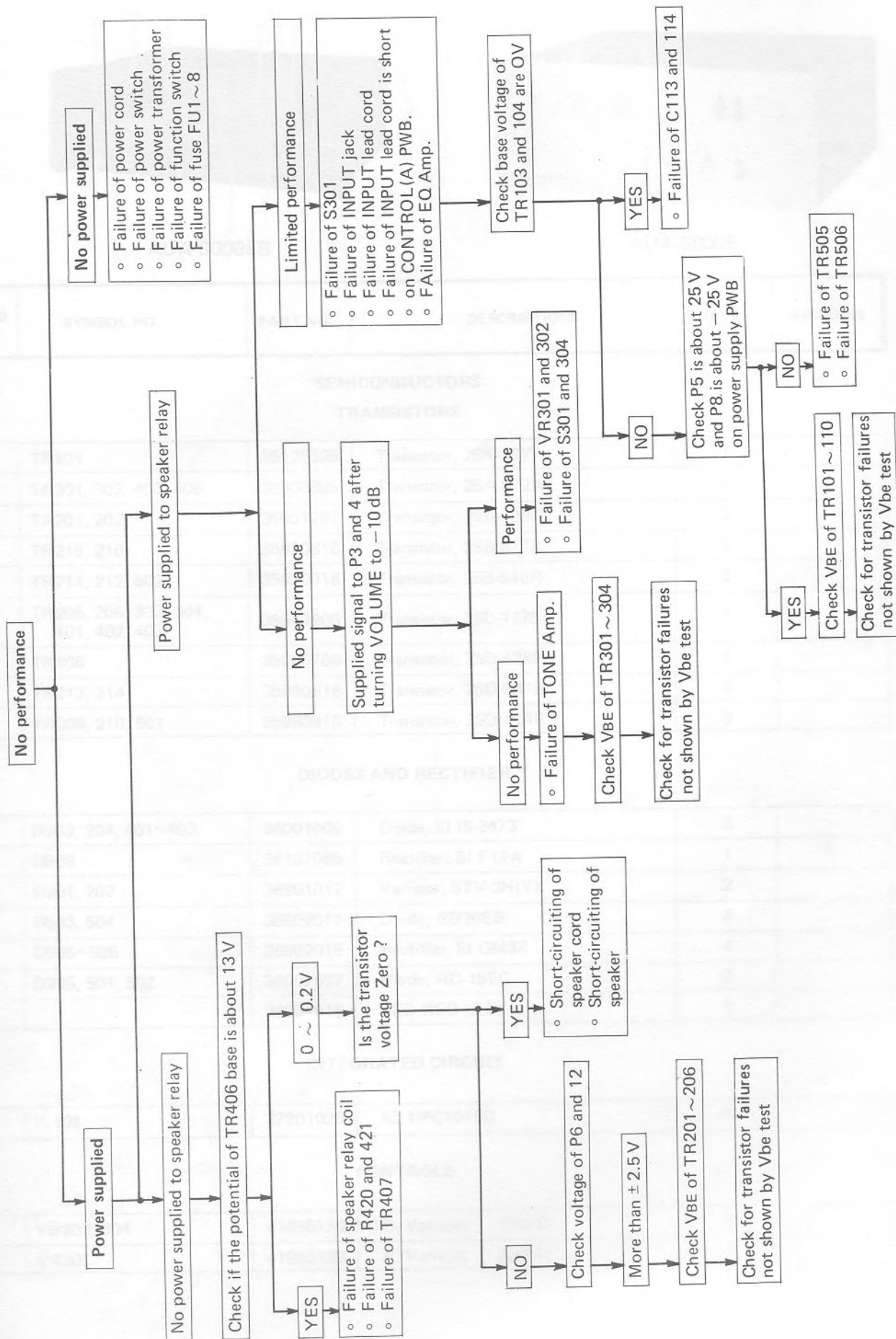
AUA-6000E TROUBLE SHOOTING



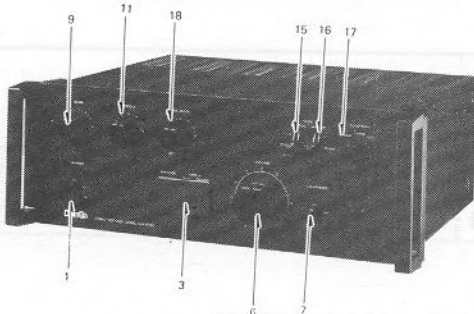
AUA-7000E TROUBLE SHOOTING AUA-7000EB



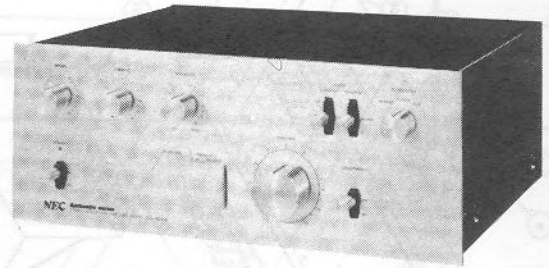
AUA-8000E TROUBLE SHOOTING



REPLACEMENT PARTS LIST



AUA-6000EB



AUA-6000E

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
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SEMICONDUCTORS

TRANSISTORS

	TR404	35120525	Transistor, 2SK-30Y	1	
	TR301, 302, 403, 405	35900805	Transistor, 2SA-872AE	4	
	TR201, 202	35901207	Transistor, 2SA-798G	2	
	TR215, 216	35920818	Transistor, 2SB-617R	2	
	TR211, 212, 502	35920918	Transistor, 2SB-548R	3	
	TR205, 206, 303, 304, 401, 402, 407	35943906	Transistor, 2SC-1775A	7	
	TR406	35960706	Transistor, 2SD-438F	1	
	TR213, 214	35960818	Transistor, 2SD-587R	2	
	TR209, 210, 501	35960918	Transistor, 2SD-414R	3	

DIODES AND RECTIFIER

	D203, 204, 401~403	36001009	Diode, SI IS-2473	5	
	D509	36107065	Rectifier, SI F14A	1	
	D201, 202	36901012	Varistor, STV-3H(Y)	2	
	D503, 504	36902011	Diode, RD20EB	2	
	D505~508	36902015	Rectifier, SI GM3Z	4	
	D205, 501, 502	36902027	Diode, RD-15EC	3	
		36904015	LED RED (2.5)	1	

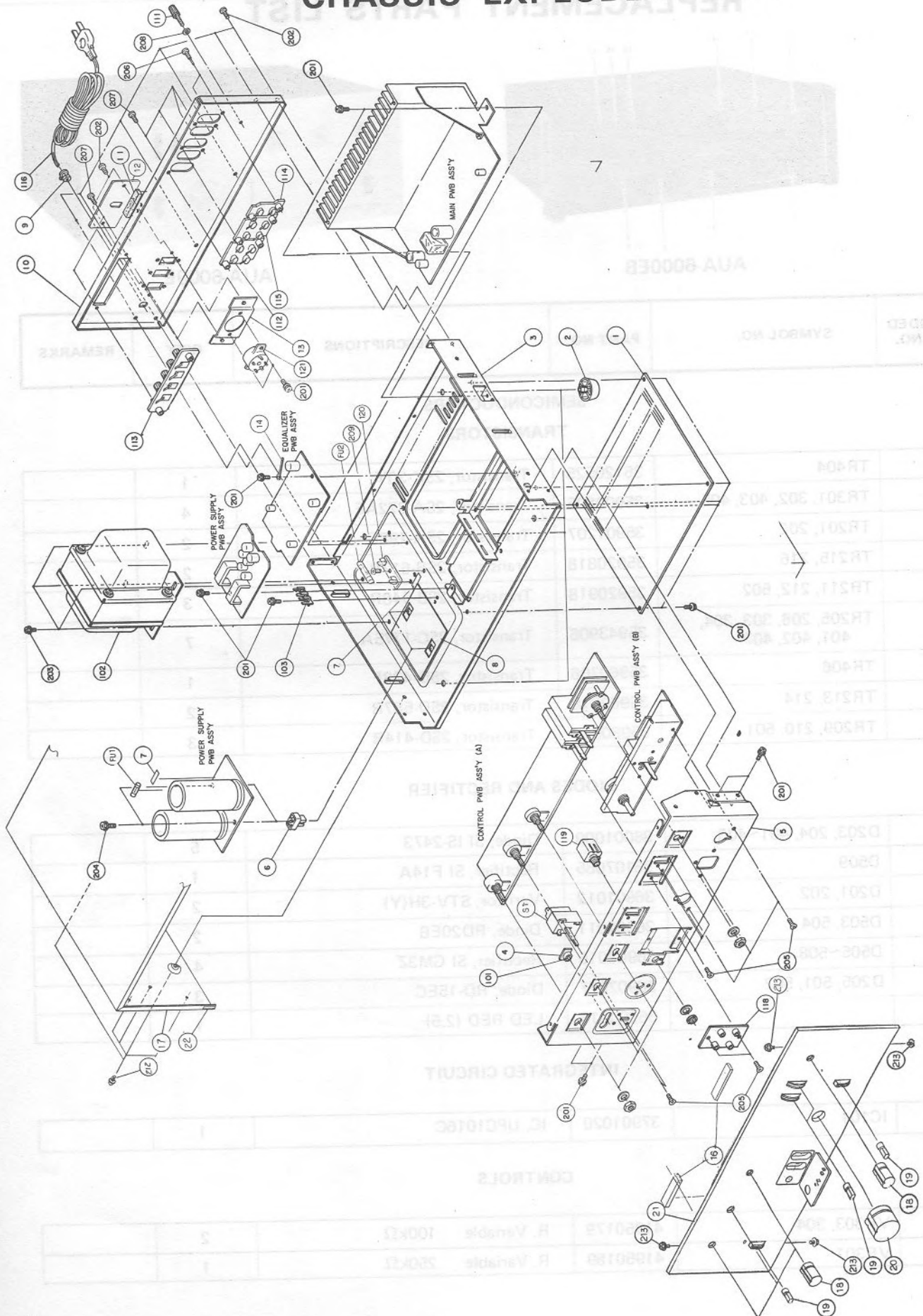
INTEGRATED CIRCUIT

	IC101	37901020	IC, UPC1016C	1	
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CONTROLS

	VR303, 304	41950179	R. Variable 100k Ω	2	
	VR301	41950189	R. Variable 250k Ω	1	

CHASSIS EXPLODED VIEW



EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	VR302A, 302B	41950190	R. Variable 250k Ω	2	
	VR201, 202	41950191	R. Variable 100 Ω	2	

MISCELLANEOUS PARTS

1		18510421	Band	1	
2		18282791	Foot	4	
3		18510562	Chassis Base ass'y	1	
4		19405841	LED Holder S	1	
5		18510431	Sub Chassis	1	
6		24411411	Bushing Chassis bracket	2	
7		18753461	Label, Fuse	2	
8		18602551	Insulation plate	1	
9		11420632	Cord, Clamper	1	
10		18510791	Rear, Panel	1	
11		18602491	Cushion	1	
12		18510761	Plate, Hole filler	1	
13		18510841	Bracket, Switch	1	
14		19516371	Spring, Lug B ass'y	1	
16		18602122	Cushion	2	
17		18354361	Cabinet	1	
	AUA-6000E	AUA-6000EB			
18	18454221	18453751	Knob, Rotary	4	
19	18454241	18453791	Knob, Lever	4	
20	18454261	18454061	Knob, Volume	1	
21	88174631	88193631	Front, Panel sub ass'y	1	
22		18600741	Cushion	2	
101		36904015	LED Red 9(2.5)	1	
102		45027072	Power transformer	1	
103		71905029	Earth Terminal	1	
104		87126101	Main PWB ass'y	1	
105		87174201	Power Supply (A) PWB ass'y	1	
106		87126301	Control (A) PWB ass'y	1	
107		87126401	Control (B) PWB ass'y	1	
108		87126501	Equalizer PWB ass'y	1	
111		71905066	Earth Terminal	1	
112		71905068	Terminal 4P	1	
113		71905070	Terminal 4P	1	
114		71905071	Pin Jack 2P	1	
115		71905073	Terminal 4P	1	
116		79759093	Power Cord SEMCO	1	
118		71905030	Jack Plate 4P	1	
119		70905047	Headphone Jack	1	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
120		71903029	Fuse, Holder 1P	1	
121		65901039	Switch, Voltage selector	1	
201		24851541	Special screw FT x 3 x 6 x 15BF	16	
202		18852251	Special screw	8	
203		18852691	Special PT x 4 x 8 x 15BF	4	
204		24851721	Special FT x 4 x 14 x 15BF	2	
205		91053032	Special CFMIS x 3 x 6 x 15CF	15	
206		18852741	Special screw	2	
207		18852811	Special screw	6	
208		24852621	Special washer	1.	
209		91283051	Special screw #2CPTS x 3 x 8 x 15BF	1	
212		18852671	Special screw	10	
213		18852751	Special WM3 x 8 x 15KF	4	

ACCESSORIES AND PACKING MATERIALS

		18802992	Filler-Carton	2	
		18803091	Bag, Protector	1	
		18803381	Carton Box	1	
		78910641	Instruction Book	1	
		78971051	Label, Schematic Diagram	1	
		23750891	Label, Serial Number	1	

RESISTORS

	R121	40102147	R. Carbon 82 Ω 5% $\frac{1}{4}$ W	1	
	R233, 234, 337, 338	40102149	R. Carbon 100 Ω 5% $\frac{1}{4}$ W	4	
	R321, 322	40102155	R. Carbon 180 Ω 5% $\frac{1}{4}$ W	2	
	R317	40102163	R. Carbon 390 Ω 5% $\frac{1}{4}$ W	1	
	R117	40102165	R. Carbon 470 Ω 5% $\frac{1}{4}$ W	1	
	R329, 330	40102173	R. Carbon 1k Ω 5% $\frac{1}{4}$ W	2	
	R335, 336	40102177	R. Carbon 1.5k Ω 5% $\frac{1}{4}$ W	2	
	R201, 202, 345, 353, 355	40102181	R. Carbon 2.2k Ω 5% $\frac{1}{4}$ W	5	
	R205~210	40102183	R. Carbon 2.7k Ω 5% $\frac{1}{4}$ W	6	
	R323, 324, 327, 328	40102187	R. Carbon 3.9k Ω 5% $\frac{1}{4}$ W	4	
	R215, 216, 236, 301, 302, 333, 334	40102189	R. Carbon 4.7k Ω 5% $\frac{1}{4}$ W	7	
	R217, 218, 325, 326	40102191	R. Carbon 5.6k Ω 5% $\frac{1}{4}$ W	4	
	R319	40102193	R. Carbon 6.8k Ω 5% $\frac{1}{4}$ W	1	
	R331, 332	40102201	R. Carbon 15k Ω 5% $\frac{1}{4}$ W	2	
	R211, 212	40102203	R. Carbon 18k Ω 5% $\frac{1}{4}$ W	2	
	R303, 304	40102205	R. Carbon 22k Ω 5% $\frac{1}{4}$ W	2	
	R213, 214	40102213	R. Carbon 47k Ω 5% $\frac{1}{4}$ W	2	
	R203, 204	40102215	R. Carbon 56k Ω 5% $\frac{1}{4}$ W	2	
	R119	40102221	R. Carbon 100k Ω 5% $\frac{1}{4}$ W	1	
	R349, 350	40102233	R. Carbon 330k Ω 5% $\frac{1}{4}$ W	2	

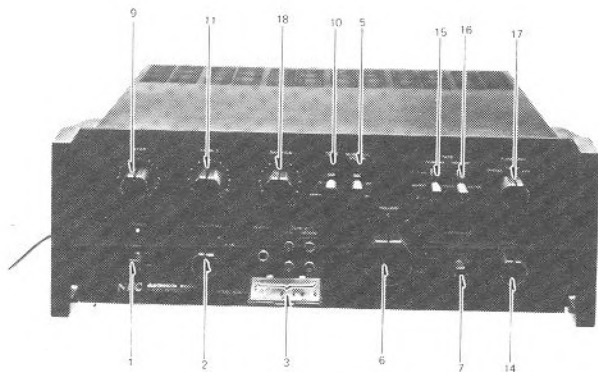
EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	R421	40112135	R. Carbon 27 Ω 5% $\frac{1}{4}$ W	1	
	R122	40112147	R. Carbon 82 Ω 5% $\frac{1}{4}$ W	1	
	R405, 406	40112149	R. Carbon 100 Ω 5% $\frac{1}{4}$ W	2	
	R318	40112163	R. Carbon 390 Ω 5% $\frac{1}{4}$ W	1	
	R118, 407, 408, 412	40112165	R. Carbon 470 Ω 5% $\frac{1}{4}$ W	4	
	R503, 504	40112167	R. Carbon 560 Ω 5% $\frac{1}{4}$ W	2	
	R109, 110	40112170	R. Carbon 750 Ω 5% $\frac{1}{4}$ W	2	

	R107, 108, 501, 502	40112173	R. Carbon 1k Ω 5% $\frac{1}{4}$ W	4	
	R505	40112177	R. Carbon 1.5k Ω 5% $\frac{1}{4}$ W	1	
	R103, 104, 305, 306, 346, 354, 401, 402	40112181	R. Carbon 2.2k Ω 5% $\frac{1}{4}$ W	9	
	R417	40112191	R. Carbon 5.6k Ω 5% $\frac{1}{4}$ W	1	
	R320	40112193	R. Carbon 6.8k Ω 5% $\frac{1}{4}$ W	1	
	R418, 507	40112195	R. Carbon 8.2k Ω 5% $\frac{1}{4}$ W	2	
	R403, 404, 508	40112197	R. Carbon 10k Ω 5% $\frac{1}{4}$ W	3	
	R409, 410	40112199	R. Carbon 12k Ω 5% $\frac{1}{4}$ W	2	
	R313	40112201	R. Carbon 15k Ω 5% $\frac{1}{4}$ W	1	
	R309, 310, 415, 416	40112205	R. Carbon 22k Ω 5% $\frac{1}{4}$ W	4	
	R314	40112207	R. Carbon 27k Ω 5% $\frac{1}{4}$ W	1	
	R113, 114	40112209	R. Carbon 33k Ω 5% $\frac{1}{4}$ W	2	
	R413	40112213	R. Carbon 47k Ω 5% $\frac{1}{4}$ W	1	
	R101, 102	40112215	R. Carbon 56k Ω 5% $\frac{1}{4}$ W	2	
	R414	40112219	R. Carbon 82k Ω 5% $\frac{1}{4}$ W	1	
	R120, 311, 312, 411	40112221	R. Carbon 100k Ω 5% $\frac{1}{4}$ W	4	
	R307, 308, 315, 316, 419	40112229	R. Carbon 220k Ω 5% $\frac{1}{4}$ W	5	
	R105, 106, 111, 112	40112235	R. Carbon 390k Ω 5% $\frac{1}{4}$ W	4	
	R223, 224, 225, 226	40121153	R. Carbon 150 Ω 5% $\frac{1}{2}$ W	4	
	R509, 510	40121679	R. Carbon 1.8k Ω 5% $\frac{1}{2}$ W	2	
	R232	40341125	R. Metal 10 Ω 5% 1W	1	
	R235	40341141	R. Metal 47 Ω 5% 1W	1	
	R506	40341185	R. Metal 3.3k Ω 5% 1W	1	
	R231	40341625	R. Metal 10 Ω 5% 1W	1	
	R420	40341653	R. Metal 15 Ω 5% 1W	1	
	R1, 2	40341657	R. Metal 22 Ω 5% 1W	2	
	R227~230	40970001	R. Metal Oxidfilm 0.47 Ω 2W	4	

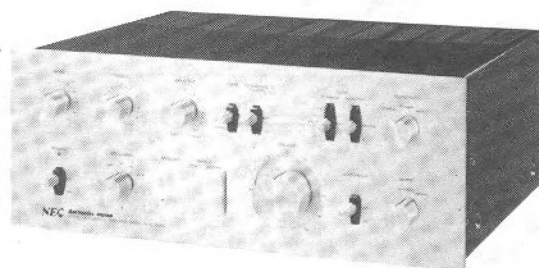
CAPACITORS

	C507	42011025	C. Ceramic 500V 0.01 μ F	1	
	C217, 218	42110433	C. Ceramic 50V 0.047 μ F	2	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS			Q'TY	REMARKS
	C215, 216, 221, 222, 401, 402	42110437	C. Ceramic	50V	0.1 μ F	6	
	C3, 4	42110933	C. Ceramic	50V	0.047 μ F	2	
	C219, 220	4230205	C. Ceramic	50V	220pF	2	
	C119, 120	42130207	C. Ceramic	50V	330pF	2	
	C307, 308	42130209	C. Ceramic	50V	470pF	2	
	C313, 314	42332015	C. Ceramic	50V	10pF	2	
	C207, 208	42332031	C. Ceramic	50V	27pF	2	
	C121, 122	42332033	C. Ceramic	50V	33pF	2	
	C103, 104	42332045	C. Ceramic	50V	100pF	2	
	C319, 320, 325, 326	42799031	C. Film	50V	0.022 μ F	4	
	C201, 202	42970011	C. Poly	50V	270pF 5%	2	
	C111, 112	42870034	C. Poly	50V	510pF 5%	2	
	C301, 302	42970130	C. Poly	50V	130pF 5%	2	
	C323, 324	42974001	C. Poly	50V	2700pF 5%	2	
	C321, 322	42974002	C. Poly	50V	2.2 μ F 5%	2	
	C303, 304	42974003	C. Poly	50V	0.33 μ F 5%	2	
	C107, 108	42974005	C. Film	50V	3300pF	2	
	C109, 110	42974006	C. Film	50V	4700pF	2	
	C113, 114	42974007	C. Film	50V	1800pF	2	
	C405	43311014	C. Elec.	16V	100 μ F	1	
	C505, 506	43970041	C. Elec.	50V	0.68 μ F	2	
	C305, 306	43980049	C. Elec.	50V	0.22 μ F	2	
	C101, 102	43980055	C. Elec.	35V	2.2 μ F	2	
	C203, 204	43980057	C. Elec.	50V	4.7 μ F	2	
	C315, 316	43982043	C. Elec.	25V	10 μ F	2	
	C117, 118	43982067	C. Elec.	50V	2.2 μ F	2	
	C209, 210	43991004	C. Elec.	6.3V	100 μ F	2	
	C205, 206	43991015	C. Elec.	10V	47 μ F	2	
	C404	43991016	C. Elec.	10V	100 μ F	1	
	C311, 312, 407	43991017	C. Elec.	10V	220 μ F	3	
	C309, 310, 508	43991028	C. Elec.	16V	10 μ F	3	
	C212, 329	43991031	C. Elec.	16V	47 μ F	2	
	C123, 124	43991033	C. Elec.	16V	220 μ F	2	
	C403	43991043	C. Elec.	16V	10 μ F	1	
	C503, 504	43991044	C. Elec.	25V	22 μ F	2	
	C105, 106, 330, 331, 501, 502	43991046	C. Elec.	25V	47 μ F	6	
	C510, 511	43991057	C. Elec.	35V	22 μ F	2	
	C509	43991070	C. Elec.	50V	10 μ F	1	
	C213, 214	43991073	C. Elec.	50V	47 μ F	2	
	C211	43991075	C. Elec.	50V	220 μ F	1	



AUA-7000EB



AUA-7000E

EXPLODED VIEW NO.	SYMBOL NO.	PART NO..	DESCRIPTION	Q'TY	REMARKS
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SEMICONDUCTORS

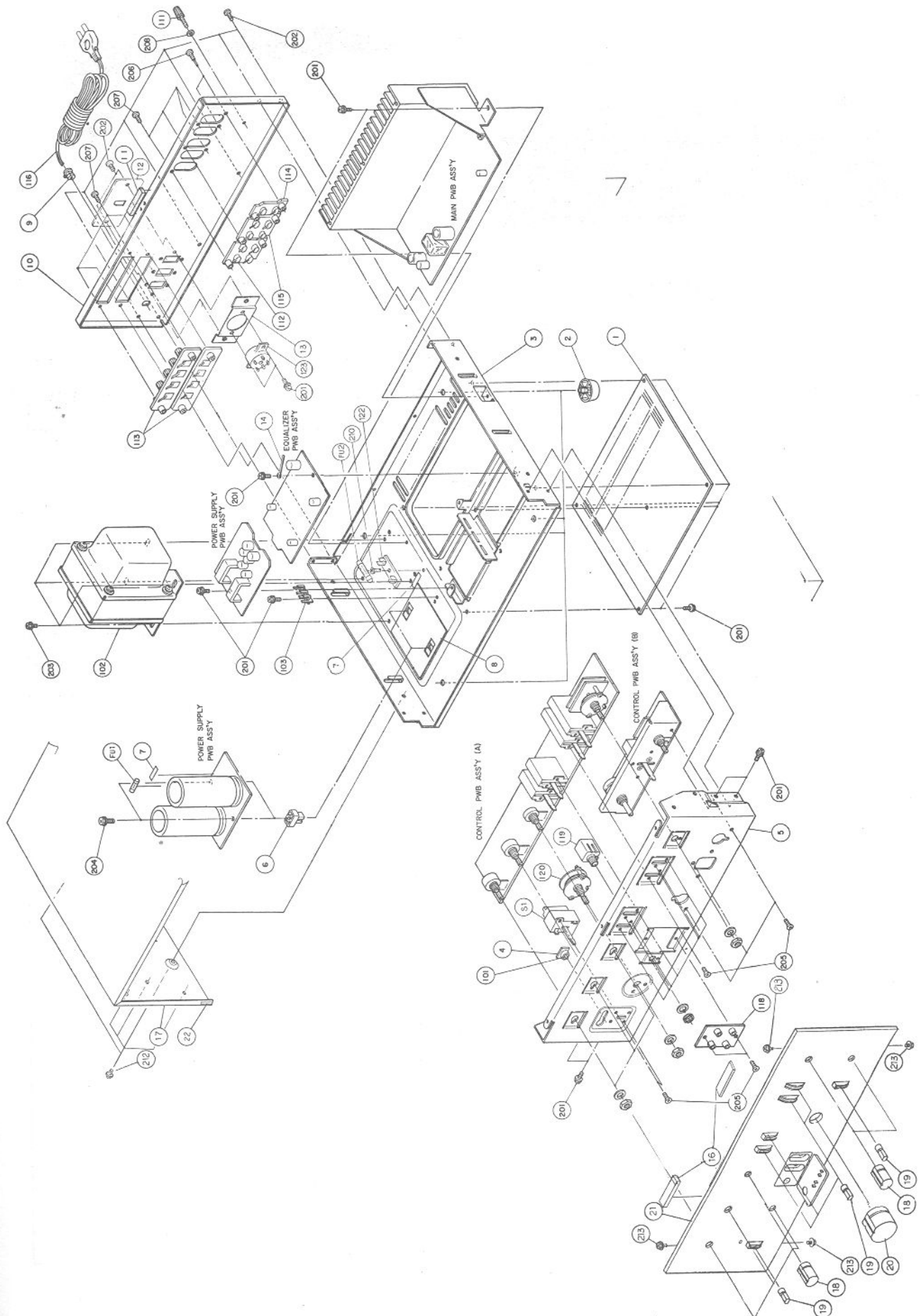
TRANSISTORS

	TR404	35120525	Transistor, 2SK-30Y	1	
	TR301, 302, 403, 405	35900805	Transistor, 2SA-872A	4	
	TR101~104, 107, 108	35901106	Transistor, 2SA-726F	6	
	TR201, 202	35901207	Transistor, 2SA-798G	2	
	TR502	35920918	Transistor, 2SB-548R	1	
	TR211, 212	35921018	Transistor, 2SB-549R	2	
	TR215, 216	35921118	Transistor, 2SB-618R	2	
	TR303, 304, 401, 402, 407	35943906	Transistor, 2SC-1775A	5	
	TR205, 206	35944012	Transistor, 2SC-1940L	2	
	TR105, 106	35945807	Transistor, 2SC-1313G	2	
	TR406	35960706	Transistor, 2SD-438F	1	
	TR501	35960918	Transistor, 2SD-414R	1	
	TR209, 210	35961218	Transistor, 2SD-415R	2	
	TR213, 214	35961318	Transistor, 2SD-588R	2	

DIODES AND RECTIFIER

	D203, 204, 401~403	36001009	Diode, SI IS-2473	5	
	D509	36107065	Rectifier, SI F14A	1	
	D201, 202	36901012	Varistor, STV-3H	2	
	D205	36902027	Diode, RD-15EC	1	
	D505	36902031	Diode, SS-3	1	
	D507	36902032	Diode, SS-3R	1	
	D503, 504	36902033	Diode Zener, RD-24EB	2	
101		36904015	LED RED (2.5)	1	

CHASSIS EXPLODED VIEW



EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
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CONTROLS

	VR303, 304	41950179	R. Variable 100k Ω	2	
	VR301	41950189	R. Variable 250k Ω	1	
	VR302,	41950190	R. Variable 250k Ω	2	
	VR201, 202	41950191	R. Variable 100 Ω	2	

MISCELLANEOUS PARTS

1		18510421	Band	1	
2		18282791	Foot	4	
3		18510562	Chassis Base ass'y	1	
4		19405841	LED Holder S	1	
5		18510431	Sub Chassis	1	
6		24411411	Bushing, Chassis bracket	2	
7		18753691	Label, Fuse	2	
8		18602551	Insulation plate	1	
9		24280261	Cord, Clamper	1	
10		18510781	Rear, Panel	1	
11		18602492	Cushion	1	
12		18510761	Plate	1	
13		18510841	Bracket, Switch	1	
14		19516371	Spring, Lug ass'y (B)	1	
16		18602122	Cushion	2	
17		18354361	Cabinet	1	
	AUA-7000E	AUA-7000EB			
18	18454221	18453751	Knob, Rotary	6	
19	18454241	18453791	Knob, Lever	6	
20	18454261	18454061	Knob, Volume	1	
21	88173631	88192631	Front, Panel Sub ass'y	1	
22		18600741	Washer	2	
101		36904015	LED Red (2. 5)	1	
102		45027071	Power transformer	1	
103		71905029	Earth Terminal	1	
104		87125101	Main PWB ass'y	1	
105		87173201	Power Supply (A) PWB ass'y	1	
106		87125301	Control (A) PWB ass'y	1	
107		87125401	Control (B) PWB ass'y	1	
108		87125601	Equalizer PWB ass'y	1	
111		71905066	Earth Terminal	1	
112		71905068	Terminal plate 4P	1	
113		71905070	Terminal 4P	1	
114		71905071	Pin Jack 2P	1	
115		71905073	Terminal plate 4P	1	
116		79759093	Power Cord SEMCO	1	
118		71905030	Jack plate 4P	1	
119		70507003	Earphone Jack	1	
120		65901035	Switch, Rotary 2-4N	1	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
122		71903029	Fuse, Holder 1P	1	
123		65901039	Switch, Voltage Selector	1	
201		24851541	Special screw FT x 3 x 6 x 15BF	16	
202		18852251	Special screw	8	
203		18852691	Special PT x 4 x 8 x 15BF	4	
204		24851721	Special FT x 4 x 14 x 15BF	2	
205		91053032	Special CFIMS x 3 x 6 x 15CF	15	
206		18852741	Special screw	2	
207		18852811	Special screw	2	
208		24852621	Special Washer	1	
210		91283051	Special 2CPTS x 3 x 8 x 15BF	1	
212		18852671	Special screw	10	
213		18852751	Special WM3 x 8 x 15KF	4	
		18510461	Heat Sink	1	
		18602201	Filter (S)	4	
		18602211	Filter (L)	2	
		18706521	Ornament, Jack plate	1	
		18706531	Ornament, Knob	1	

ACCESSORIES AND PACKING MATERIALS

		78971041	Label, Schematic Diagram	1	
		11480931	Bag, Polyethylene	1	
		18753101	Label	1	
		18802992	Filler-Carton	2	
		18803091	Bag Protector	1	
		18803371	Carton Box	1	
		78910631	Instruction Book	1	

RESISTORS

	R233, 234, 337, 338	40102149	R. Carbon 100Ω 5% ¼W	4	
	R321, 322	40102155	R. Carbon 180Ω 5% ¼W	2	
	R317	40102163	R. Carbon 390Ω 5% ¼W	1	
	R329, 330	40102173	R. Carbon 1kΩ 5% ¼W	2	
	R335, 336	40102177	R. Carbon 1.5kΩ 5% ¼W	2	
	R129, 130	40102178	R. Carbon 1.6kΩ 5% ¼W	2	
	R201, 202, 345, 353, 355	40102181	R. Carbon 2.2kΩ 5% ¼W	5	
	R205~210	40102183	R. Carbon 2.7kΩ 5% ¼W	6	
	R323, 324, 327, 328	40102187	R. Carbon 3.9kΩ 5% ¼W	4	
	R215, 216, 301, 302, 333, 334	40102189	R. Carbon 4.7kΩ 5% ¼W	6	
	R217, 218, 236, 325, 326, 351, 352	40102191	R. Carbon 5.6kΩ 5% ¼W	7	

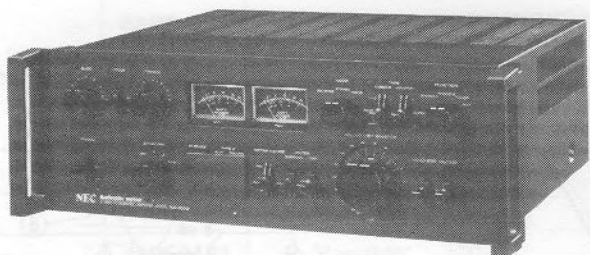
EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	R319	40102193	R. Carbon 6.8k Ω 5% $\frac{1}{4}$ W	1	
	R331, 332	40102201	R. Carbon 15k Ω 5% $\frac{1}{4}$ W	2	
	R211, 212	40102203	R. Carbon 18k Ω 5% $\frac{1}{4}$ W	2	
	R303, 304	40102205	R. Carbon 22k Ω 5% $\frac{1}{4}$ W	2	
	R213, 214	40102213	R. Carbon 47k Ω 5% $\frac{1}{4}$ W	2	
	R203, 204	40102215	R. Carbon 56k Ω 5% $\frac{1}{4}$ W	2	
	R349, 350	40102233	R. Carbon 330k Ω 5% $\frac{1}{4}$ W	2	
	R125, 126	40102745	R. Carbon 1M Ω 5% $\frac{1}{4}$ W	2	
	R501	40112143	R. Carbon 56 Ω 5% $\frac{1}{4}$ W	1	
	R405, 406	40112149	R. Carbon 100 Ω 5% $\frac{1}{4}$ W	2	
	R123, 124	40112160	R. Carbon 300 Ω 5% $\frac{1}{4}$ W	2	
	R502	40112161	R. Carbon 330 Ω 5% $\frac{1}{4}$ W	1	
	R318	40112163	R. Carbon 390 Ω 5% $\frac{1}{4}$ W	1	
	R407, 408, 412	40112165	R. Carbon 470 Ω 5% $\frac{1}{4}$ W	3	
	R127, 128	40112168	R. Carbon 620 Ω 5% $\frac{1}{4}$ W	2	
	R133, 134	40112175	R. Carbon 1.2k Ω 5% $\frac{1}{4}$ W	2	
	R339, 340, 503~505	40112177	R. Carbon 1.5k Ω 5% $\frac{1}{4}$ W	5	
	R343, 344	40112179	R. Carbon 1.8k Ω 5% $\frac{1}{4}$ W	2	
	R103, 104, 305, 306, 346, 354, 356, 401, 402	40112181	R. Carbon 2.2k Ω 5% $\frac{1}{4}$ W	9	
	R509, 510	40112183	R. Carbon 2.7k Ω 5% $\frac{1}{4}$ W	2	
	R121, 122	40112186	R. Carbon 3.6k Ω 5% $\frac{1}{4}$ W	2	
	R417	40112191	R. Carbon 5.6k Ω 5% $\frac{1}{4}$ W	1	
	R107, 108	40112192	R. Carbon 6.2k Ω 5% $\frac{1}{4}$ W	2	
	R320	40112193	R. Carbon 6.8k Ω 5% $\frac{1}{4}$ W	1	
	R418, 507	40112195	R. Carbon 8.2k Ω 5% $\frac{1}{4}$ W	2	
	R403, 404	40112197	R. Carbon 10k Ω 5% $\frac{1}{4}$ W	2	
	R341, 342, 409, 410, 508	40112199	R. Carbon 12k Ω 5% $\frac{1}{4}$ W	5	
	R119, 120	40112200	R. Carbon 15k Ω 5% $\frac{1}{4}$ W	2	
	R313	40112201	R. Carbon 15k Ω 5% $\frac{1}{4}$ W	1	
	R309, 310, 415, 416	40112205	R. Carbon 22k Ω 5% $\frac{1}{4}$ W	4	
	R314	40112207	R. Carbon 27k Ω 5% $\frac{1}{4}$ W	1	
	R413	40112213	R. Carbon 47k Ω 5% $\frac{1}{4}$ W	1	
	R117, 118	40112216	R. Carbon 62k Ω 5% $\frac{1}{4}$ W	2	
	R101, 102, 105, 106, 109, 110, 132, 311, 312, 411, 414	40112221	R. Carbon 100k Ω 5% $\frac{1}{4}$ W	12	
	R307, 308, 315, 316, 419	40112229	R. Carbon 220k Ω 5% $\frac{1}{4}$ W	5	
	R347, 348	40112245	R. Carbon 1M Ω 5% $\frac{1}{4}$ W	2	
	R223~226	40121153	R. Carbon 150 Ω 5% $\frac{1}{2}$ W	4	
	R232	40341125	R. Metal 10 Ω 5% 1W	1	
	R235	40341141	R. Metal 47 Ω 5% 1W	1	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	R506	40341185	R. Metal 3.3k Ω 5% 1W	1	
	R231	40341625	R. Metal 10 Ω 5% 1W	1	
	R420, 421	40341653	R. Metal 150 Ω 5% 1W	2	
	R1, 2	40341657	R. Metal 220 Ω 5% 1W	2	
	R113, 114	40930017	R. Metal 910k Ω 5% ¼W	2	
	R115, 116	40930018	R. Metal 75k Ω 5% ¼W	2	
	R111, 112	40930019	R. Metal 1.54k Ω 5% ¼W	2	
	R227, 228, 229, 230	40970001	R. Metal Oxidfilm 0.47 Ω 2W	4	

CAPACITORS

	C507	42011025	C. Ceramic 500V 0.01 μ F	1	
	C217, 218	42110433	C. Ceramic 50V 0.047 μ F	2	
	C215, 216, 221, 222, 401, 402	42110437	C. Ceramic 50V 0.1 μ F	6	
	C3, 4	42110933	C. Ceramic 50V 0.047 μ F	2	
	C123, 214, 219, 220	42130205	C. Ceramic 50V 220pF	4	
	C307, 308	42130209	C. Ceramic 50V 470pF	2	
	C117, 118	42332014	C. Ceramic 50V 9pF	2	
	C313, 314	42332015	C. Ceramic 50V 10pF	2	
	C115, 116	42332025	C. Ceramic 50V 15pF	2	
	C207, 208	42332031	C. Ceramic 50V 27pF	2	
	C327, 328	42332039	C. Ceramic 50V 56pF	2	
	C103, 104	42332055	C. Ceramic 50V 82pF	2	
	C105, 106	42332057	C. Ceramic 50V 100pF	2	
	C319, 320, 325, 326	42799031	C. Ceramic 50V 0.022 μ F	4	
	C201, 202	42970011	C. Poly 50V 270pF 5%	2	
	C301, 302	42970130	C. Poly 50V 130pF 5%	2	
	C113, 114	42970131	C. Poly 50V 150pF 5%	2	
	C323, 324	42974001	C. Poly 50V 2700pF 5%	2	
	C321, 322	42974002	C. Poly 50V 2.2 μ F 5%	2	
	C303, 304	42974003	C. Poly 50V 0.33 μ F 5%	2	
	C333, 334	42974008	C. Film 50V 0.18 μ F 5%	2	
	C109, 110	42975018	C. Film 50V 3300pF 5%	2	
	C111, 112	42975019	C. Film 50V 1000pF 5%	2	
	C107, 108	43021029	C. Elec. 16V 22 μ F	2	
	C405	43311014	C. Elec. 16V 100 μ F	1	
	C505, 506	43970040	C. Elec. 50V 0.01 μ F	2	
	C305, 306	43980049	C. Elec. 50V 0.22 μ F	2	
	C101, 102	43980055	C. Elec. 35V 2.2 μ F	2	
	C203, 204	43980057	C. Elec. 50V 4.7 μ F	2	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS			Q'TY	REMARKS
	C121, 122	43981067	C. Elec.	50V	2.2 μ F	2	
	C315, 316	43982043	C. Elec.	25V	10 μ F	2	
	C119, 120, 209, 210	43991004	C. Elec.	6.3V	100 μ F	4	
	C205, 206	43991015	C. Elec.	10V	47 μ F	2	
	C404	43991016	C. Elec.	10V	100 μ F	1	
	C311, 312, 407	43991017	C. Elec.	10V	220 μ F	3	
	C309, 310, 508	43991028	C. Elec.	16V	10 μ F	3	
	C212, 329	43991031	C. Elec.	16V	47 μ F	2	
	C403	43991043	C. Elec.	16V	10 μ F	1	
	C503, 504	43991044	C. Elec.	25V	22 μ F	2	
	C125, 330, 331, 501, 502	43991046	C. Elec.	25V	47 μ F	5	
	C126	43991048	C. Elec.	25V	220 μ F	1	
	C510, 511	43991057	C. Elec.	35V	22 μ F	2	
	C509	43991070	C. Elec.	50V	10 μ F	1	
	C213, 214	43991073	C. Elec.	50V	47 μ F	2	
	C211	43991075	C. Elec.	50V	220 μ F	1	



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EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
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SEMICONDUCTORS

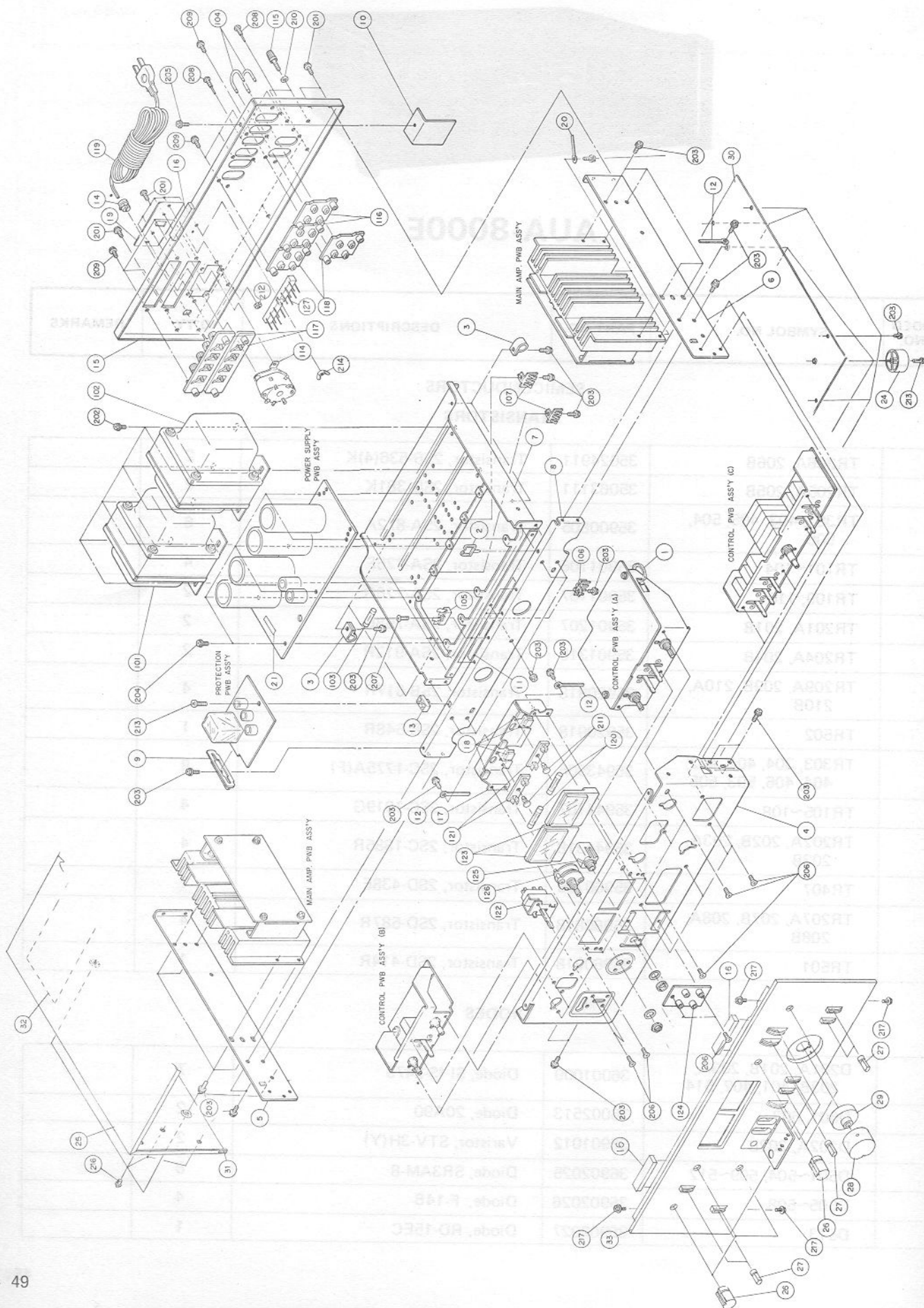
TRANSISTORS

	TR206A, 206B	35024911	Transistor, 2SB-536(4)K	2	
	TR205A, 205B	35063111	Transistor, 2SD-381K	2	
	TR301, 403, 405, 504, 506	35900805	Transistor, 2SA-872A	6	
	TR101~104	35901106	Transistor, 2SA-726F	4	
	TR109, 110	35901107	Transistor, 2SA-726G	2	
	TR201A, 201B	35901207	Transistor, 2SA-798G	2	
	TR204A, 204B	35901318	Transistor, 2SA-912R	2	
	TR209A, 209B, 210A, 210B	35920818	Transistor, 2SB-617R	4	
	TR502	35920918	Transistor, 2SB-548R	1	
	TR303, 304, 401, 402, 404, 406, 503, 505	35943906	Transistor, 2SC-1775A(F)	8	
	TR105~108	35944107	Transistor, 2SC-1919G	4	
	TR202A, 202B, 203A, 203B	35944318	Transistor, 2SC-1885R	4	
	TR407	35960705	Transistor, 2SD-438E	1	
	TR207A, 207B, 208A, 208B	35960818	Transistor, 2SD-587R	4	
	TR501	35960918	Transistor, 2SD-414R	1	

DIODES

	D201A, 201B, 203A, 203B, 401, 402, 514	36001009	Diode, SI IS-2473	7	
	D601, 602	36002513	Diode, 20A90	2	
	D202A, 202B	36901012	Varistor, STV-3H(Y)	2	
	D501~504, 509~512	36902025	Diode, SR3AM-8	8	
	D505~508	36902026	Diode, F-14B	4	
	D513	36902027	Diode, RD-15EC	1	

CHASSIS EXPLODED VIEW



EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
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CONTROLS

	VR303, 304	41950179	R. Variable 100k Ω	2	
	VR302	41950180	R. Variable 250k Ω	1	
	VR201A, 201B	41950181	R. Variable 100 Ω	2	
	VR601, 602	41950188	R. Variable 5k Ω B	2	

MISCELLANEOUS PARTS

1		16285231	Band	11	
2		18282711	Wire Clip	1	
3		18282891	Lead Clip	4	
4		18509981	Sub Chassis	1	
5		18509991	Chassis Side L	1	
6		18510001	Chassis Side R	1	
7		18510021	Chassis Base ass'y	1	
8		18510052	Bracket	1	
9		18510121	Bracket, PWB	1	
10		18510572	Shield Cover	1	
11		18753651	Label, Fuse	1	
12		19516371	Spring, Lug ass'y B	3	
13		24411411	Bushing, Chassis bracket	1	
14		24280261	Cord Clamper	1	
15		18510771	Rear, Panel	1	
16		18602122	Cushion	3	
17		18509911	Bracket, Meter	1	
18		18602181	Cushion, Meter	5	
19		18510831	Plate	1	
20		23851131	Lug	2	
21		18753211	Label, Fuse	1	
24		18282701	Foot	4	
25		18354351	Cabinet	1	
26		18453751	Knob, Rotary	5	
27		18453791	Knob, Lever	9	
28		18453861	Knob, Volume	1	
29		18453851	Knob, Volume	1	
30		78509971	Bottom, Cover	1	
31		18600741	Cushion	2	
32		88172631	Front, Panel Sub ass'y	1	
101	PT1	45027069	Power transformer	1	
102	PT2	45027070	Power transformer	1	
103		66671016	Fuse, 4A	4	
104		18282851	Joint Pin	2	
105		71205031	Fuse, Holder 1P	4	
106		71905029	Earth, Terminal	1	
107		71905069	Earth, Terminal 4P	2	
108		87124101	Main Amp PWB ass'y	2	
109		87172201	Power Supply PWB ass'y	1	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
110		87124301	Control (A) PWB ass'y	1	
111		87124401	Control (B) PWB ass'y	1	
112		87124501	Control (C) PWB ass'y	1	
113		87124601	Protect PWB ass'y	1	
114		65901040	Switch, Voltage selector	1	
115		71905066	Earth Terminal	2	
116		71905067	Jack plate 4P	2	
117		17905070	Terminal 4P	2	
118		71905073	Terminal plate 4P	2	
119		79759093	Power Cord SEMCO	1	
120		67900119	Pilot Lamp 8V-300mA	2	
121		71903027	Fuse, Holder 1P	2	
122		65904061	Power switch CSA	1	
123		67950171	Level, Meter	2	
124		71905030	Jack plate 4P	1	
125		70507003	Earphone Jack	1	
126		65901035	Switch, Rotary 2-4N	1	
127		71902043	Terminal 6P	1	
201		18852251	Special screw	12	
202		18852091	Special P.T. 4 x 8 x 15BF	8	
203		24851541	Special F.T. 3 x 6 x 15BF	43	
204		24852441	Speical screw P.T. 3 x 6 x 15BF	1	
205		91013036	Special CPMS x 3 x 6 x 3KF	1	
206		91053032	Special CFIMS x 3 x 6 x 15CF	18	
207		91283051	Special #2CPTS x 3 x 8 x 15BF	4	
208		18852741	Special screw	4	
209		18852811	Special screw	8	
210		24852621	Special, Washer	2	
211		24851801	Push rivet	2	
212		91450302	Special screw AHE x ZN x 3 x 15CF	2	
213		24851721	Special FT x 4 x 14 x 15BF	5	
214		24850701	Nut	1	
215		18852671	Special screw	10	
217		18852751	Special screw WM x 3 x 8 x 15KF	4	

ACCESSORIES AND PACKING MATERIALS

	18802992	Filler-Carton	2	
	18803051	Bag, Storage	1	
	18803361	Carton Box	1	
	78910621	Instruction Book	1	
	78971031	Label, Schematic Diagram	1	
	18402241	Cover	1	
	18402251	Ornament	1	
	18509971	Plate Bottom	1	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
		18705662	Ornamental plate	1	
		18705722	Ornament, Knob Board	1	
		18705822	Ornament Jack Plate	1	

RESISTORS

	R138	40102141	R. Carbon 47 Ω 5% $\frac{1}{4}$ W	1	
	R121, 122	40102143	R. Carbon 56 Ω 5% $\frac{1}{4}$ W	2	
	R206A, 206B	40102149	R. Carbon 100 Ω 5% $\frac{1}{4}$ W	2	
	R118, 119, 120	40102150	R. Carbon 110 Ω 5% $\frac{1}{4}$ W	3	
	R213A, 213B, 214A, 214B	40102154	R. Carbon 160 Ω 5% $\frac{1}{4}$ W	4	
	R126	40102177	R. Carbon 1.5k Ω 5% $\frac{1}{4}$ W	1	
	R139~142, 202A, 202B, 211A, 211B, 224A, 224B, 225A, 225B	40102181	R. Carbon 2.2k Ω 5% $\frac{1}{4}$ W	12	
	R207A, 207B	40102182	R. Carbon 2.4k Ω 5% $\frac{1}{4}$ W	2	
	R228A, 228B	40102183	R. Carbon 2.7k Ω 5% $\frac{1}{4}$ W	2	
	R204A, 204B, 205A, 205B, 301, 302	40102185	R. Carbon 3.3k Ω 5% $\frac{1}{4}$ W	6	
	R210A, 210B, 212A, 212B	40102191	R. Carbon 5.6k Ω 5% $\frac{1}{4}$ W	4	
	R307, 308	40102207	R. Carbon 27k Ω 5% $\frac{1}{4}$ W	2	
	R113, 114	40102209	R. Carbon 33k Ω 5% $\frac{1}{4}$ W	2	
	R203A, 203B, 208A, 208B, 305, 306	40102215	R. Carbon 56k Ω 5% $\frac{1}{4}$ W	6	
	R103, 104, 123	40102216	R. Carbon 62k Ω 5% $\frac{1}{4}$ W	3	
	R209A, 209B	40102217	R. Carbon 68k Ω 5% $\frac{1}{4}$ W	2	
	R109, 355, 356	40102221	R. Carbon 100k Ω 5% $\frac{1}{4}$ W	3	
	R303, 304	40102231	R. Carbon 270k Ω 5% $\frac{1}{4}$ W	2	
	R125, 201A, 201B, 353, 354	40102233	R. Carbon 330k Ω 5% $\frac{1}{4}$ W	5	
	R520, 521	40112125	R. Carbon 10 Ω 5% $\frac{1}{4}$ W	2	
	R137	40112141	R. Carbon 47 Ω 5% $\frac{1}{4}$ W	1	
	R335, 336, 403, 404	40112149	R. Carbon 100 Ω 5% $\frac{1}{4}$ W	4	
	R117	40112150	R. Carbon 110 Ω 5% $\frac{1}{4}$ W	1	
	R321, 322	40112163	R. Carbon 390 Ω 5% $\frac{1}{4}$ W	2	
	R405, 406, 414, 503, 504	40112165	R. Carbon 470 Ω 5% $\frac{1}{4}$ W	5	
	R343, 344	40112173	R. Carbon 1k Ω 5% $\frac{1}{4}$ W	2	
	R323~334, 522, 605, 606	40112177	R. Carbon 1.5k Ω 5% $\frac{1}{4}$ W	7	
	R327, 328	40112179	R. Carbon 1.8k Ω 5% $\frac{1}{4}$ W	2	
	R101, 102, 309, 310, 351, 352	40112181	R. Carbon 2.2k Ω 5% $\frac{1}{4}$ W	6	
	R345, 346, 347, 348	40112183	R. Carbon 2.7k Ω 5% $\frac{1}{4}$ W	4	
	R603, 604	40112185	R. Carbon 3.3k Ω 5% $\frac{1}{4}$ W	2	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	R329, 330, 341, 342, 501, 502	40112187	R. Carbon 3.9k Ω 5% 1/4W	6	
	R107, 108, 337, 338	40112189	R. Carbon 4.7k Ω 5% 1/4W	4	
	R331, 332, 401, 402, 411	40112191	R. Carbon 5.6k Ω 5% 1/4W	5	
	R111, 112, 319, 320, 421	40112193	R. Carbon 6.8k Ω 5% 1/4W	5	
	R412, 505	40112195	R. Carbon 8.2k Ω 5% 1/4W	2	
	R519, 415, 416, 518	40112197	R. Carbon 10k Ω 5% 1/4W	4	
	R325, 326, 407, 408	40112199	R. Carbon 12k Ω 5% 1/4W	4	
	R339, 340	40112201	R. Carbon 15k Ω 5% 1/4W	2	
	R506, 514, 516	40112203	R. Carbon 18k Ω 5% 1/4W	3	
	R315, 316, 409, 410, 607, 608	40112205	R. Carbon 22k Ω 5% 1/4W	6	
	R311, 508, 515, 517, 601, 602	40112207	R. Carbon 27k Ω 5% 1/4W	6	
	R312, 512	40112211	R. Carbon 39k Ω 5% 1/4W	2	
	R509	40112213	R. Carbon 47k Ω 5% 1/4W	1	
	R124	40112216	R. Carbon 62k Ω 5% 1/4W	1	
	R115, 116	40112217	R. Carbon 68k Ω 5% 1/4W	2	
	R110, 349, 350, 413, 418	40112221	R. Carbon 100k Ω 5% 1/4W	5	
	R507	40112227	R. Carbon 180k Ω 5% 1/4W	1	
	R313, 314, 317, 318, 417	40112229	R. Carbon 220k Ω 5% 1/4W	5	
	R105, 106	40112230	R. Carbon 240k Ω 5% 1/4W	2	
	R510	40112231	R. Carbon 270k Ω 5% 1/4W	1	
	R511, 513	40112245	R. Carbon 1M Ω 5% 1/4W	2	
	R216A, 216B, 217A, 217B	40121153	R. Carbon 150 Ω 5% 1/4W	4	
	R215A, 215B	40121193	R. Carbon 6.8k Ω 5% 1/4W	2	
	R218A, 218B, 219A, 219B	40341009	R. Wire 4.7 Ω 1W	4	
	R523, 524	40341057	R. Wire 47k Ω 1W	2	
	R419	40341067	R. Wire 33 Ω 1W	1	
	R226A, 226B	40341625	R. Metal 10 Ω 5% 1W	2	
	R420~423	40341657	R. Metal 22 Ω 5% 1W	4	
	R227A, 227B	40342013	R. Metal 10 Ω 2W	2	
	R129, 130	40930012	R. Metal 7.55k Ω 1W	2	
	R220A, 220B, 221A, 221B, 222A, 222B, 223A, 223B	40930014	R. Metal 47 Ω 3W	8	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
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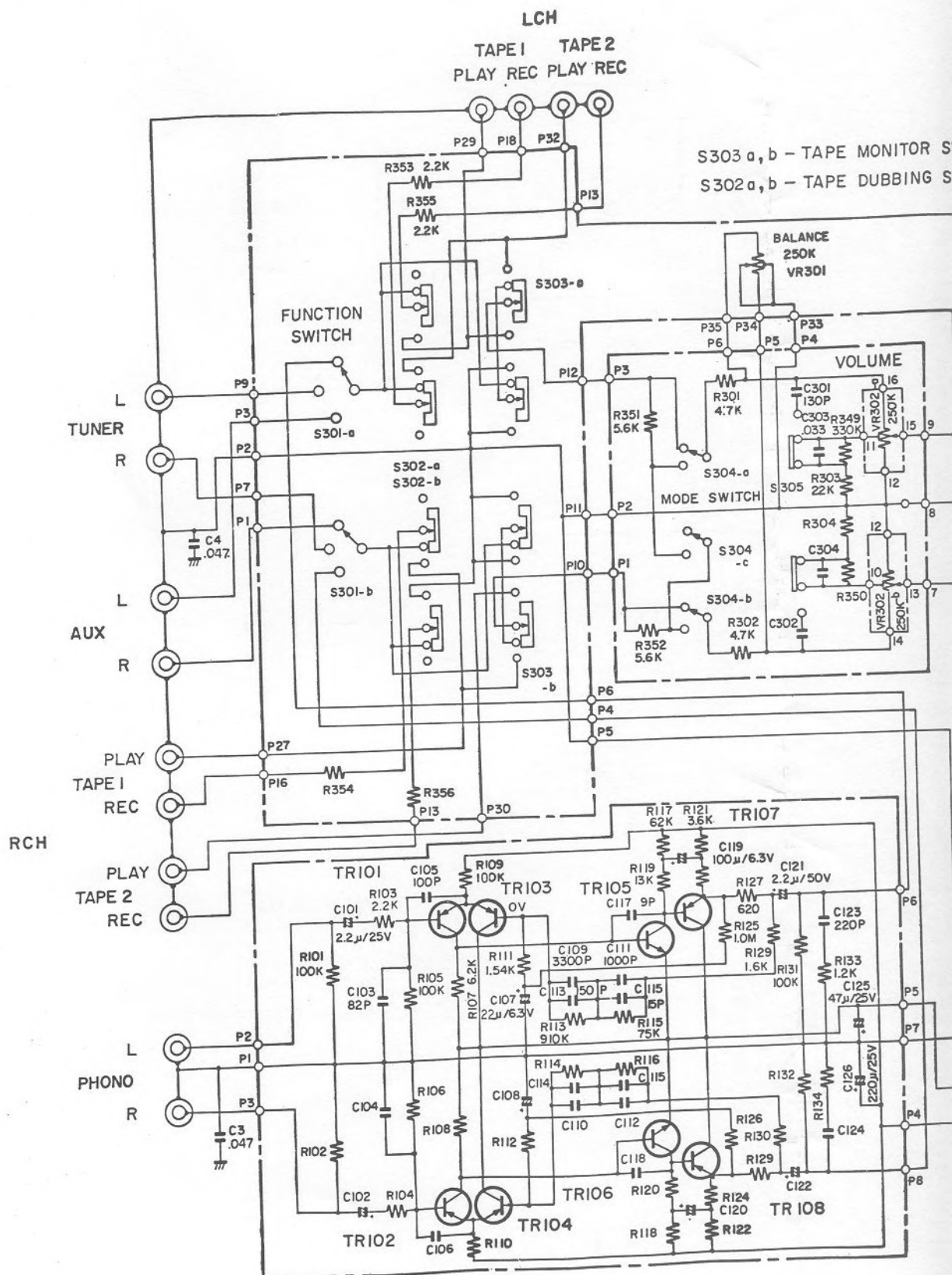
CAPACITORS

	C516, 517, 518	42011025	C. Ceramic	500V	0.01 μ F	3	
	C211A, 211B	42110433	C. Ceramic	50V	0.047 μ F	2	
	C210A, 210B, 401, 402	42110437	C. Ceramic	50V	0.1 μ F	4	
		42110933	C. Ceramic	50V	0.047 μ F	6	
	C109, 110, 208A, 208B, 209A, 209B	42130205	C. Ceramic	50V	220pF	6	
	C307, 308	42130207	C. Ceramic	50V	330pF	2	
	C311, 312	42332015	C. Ceramic	50V	10pF	2	
	C206A, 206B, 207A, 207B	42332025	C. Ceramic	50V	15pF	4	
	C105, 106	42332027	C. Ceramic	50V	18pF	2	
	C103, 104, 125, 126, 204A, 204B	42332037	C. Ceramic	50V	47pF	6	
	C317, 318	42332039	C. Ceramic	50V	56pF	2	
	C301, 302	42332043	C. Ceramic	50V	82pF	2	
	C203A, 203B, 509, 510, 512, 513	42332045	C. Ceramic	50V	100pF	6	
	C111, 112	42754059	C. Mylar	50V	4700pF	2	
	C107, 108	42754068	C. Mylar	50V	0.027 μ F	2	
	C321, 322, 323, 324	42799031	C. Film	50V	0.022 μ F	4	
	C319, 320	42974001	C. Poly	50V	2700pF	2	
	C325, 326	42974002	C. Poly	50V	2.2 μ F	2	
	C327, C328	42974004	C. Poly	50V	8200pF	2	
	C303, 304	42974019	C. Poly	50V	18000pF	2	
	C305, 306	42975001	C. Poly	100V	0.224 μ F	2	
	C117, 118	42975002	C. Poly	100V	0.47 μ F	2	
	C202A, 202B	42975003	C. Poly	100V	0.68 μ F	2	
	C119, 120	42975006	C. Poly	50V	10000pF	2	
	C121, 122	42975007	C. Poly	50V	0.035 μ F	2	
	C406	43011031	C. Elec.	16V	47 μ F	1	
	C405	43011043	C. Elec.	25V	10 μ F	1	
	C505, 506	43012089	C. Elec.	25V	22 μ F	2	
	C501~504	43970040	C. Elec.	50V	0.01 μ F	4	
	C309, 310	43980030	C. Elec.	25V	10 μ F	2	
	C329, 330	43980050	C. Elec.	25V	3000 μ F	2	
	C101, 102, 201A, 201B	43980053	C. Elec.	25V	1 μ F	4	
	C113, 114	43982042	C. Elec.	25V	4.7 μ F	2	
	C315, 316	43982043	C. Elec.	25V	10 μ F	2	
	C313, 314	43991005	C. Elec.	25V	220 μ F	2	
	C205A, 205B	43991006	C. Elec.	25V	330 μ F	2	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	C129, 130	43991007	C. Elec. 6.3V 470 μ F	2	
	C403, 404	43991017	C. Elec. 6.3V 220 μ F	2	
	C519	43991029	C. Elec. 6.3V 22 μ F	1	
	C335	43991033	C. Elec. 16V 220 μ F	1	
	C511	43991043	C. Elec. 16V 10 μ F	1	
	C115, 116, 123, 514, 515	43991059	C. Elec. 16V 47 μ F	5	
	C331~334	43991060	C. Elec. 16V 100 μ F	4	
	C214A, 214B, 215A, 215B	43991067	C. Elec. 50V 2.2 μ F	4	
	C127, 128	43991068	C. Elec. 50V 3.3 μ F	2	
	C213A, 213B	43991071	C. Elec. 50V 22 μ F	2	
	C507, 508	43991073	C. Elec. 50V 47 μ F	2	

NEC Authentic series

STEREO INTEGRATED AMPLIFIER MODEL AUA-7000E

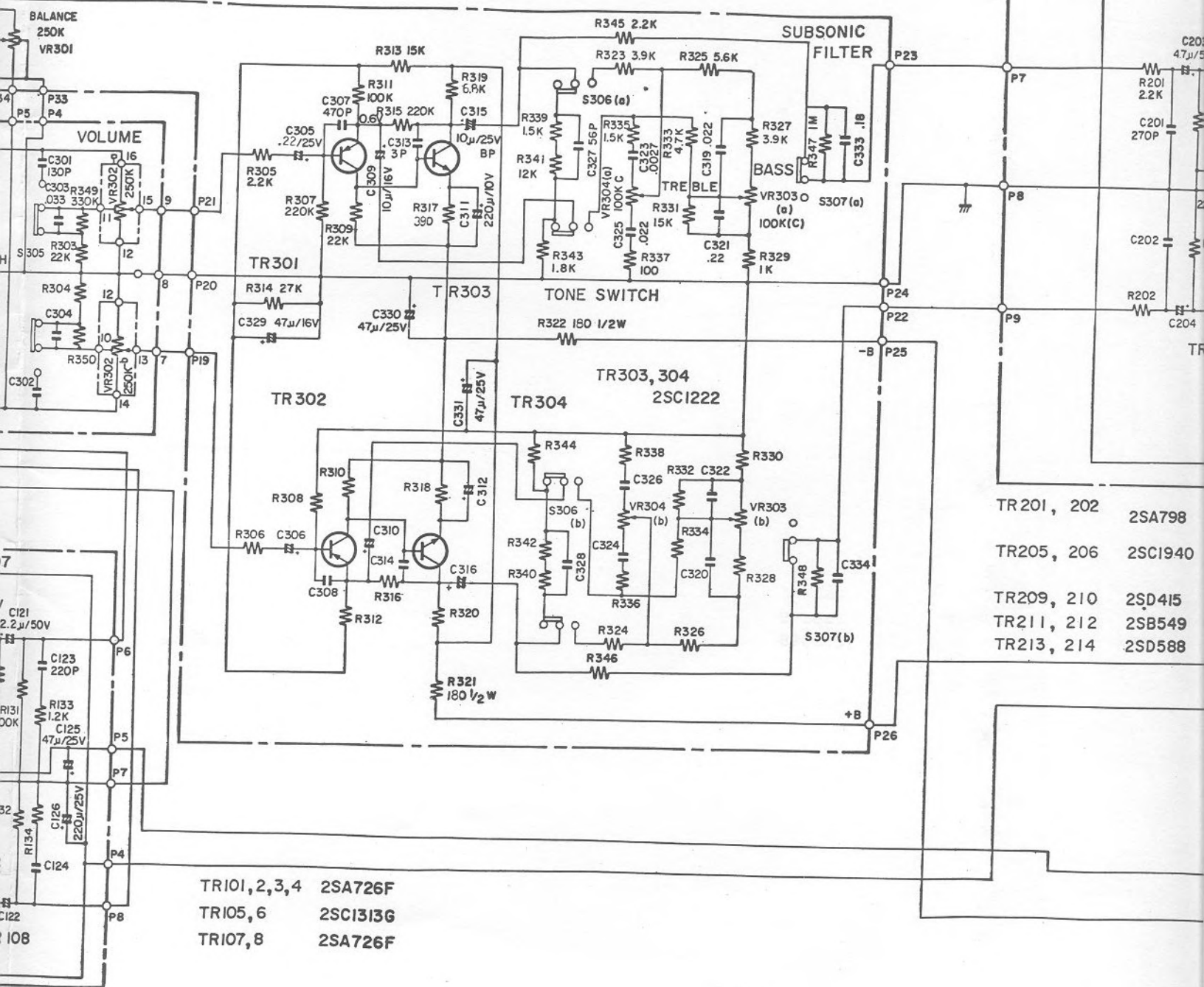


TR301,2 2SA872E

TR303,4 2SC1775F

3 a, b - TAPE MONITOR SWITCH

2 a, b - TAPE DUBBING SWITCH



TR101,2,3,4 2SA726F
 TR105,6 2SC1313G
 TR107,8 2SA726F

TR201, 202 2SA798
 TR205, 206 2SC1940
 TR209, 210 2SD415
 TR211, 212 2SB549
 TR213, 214 2SD588

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TER
C333 .18

7(a)

-B

(b)

+B

P26

-20 V

-23 V

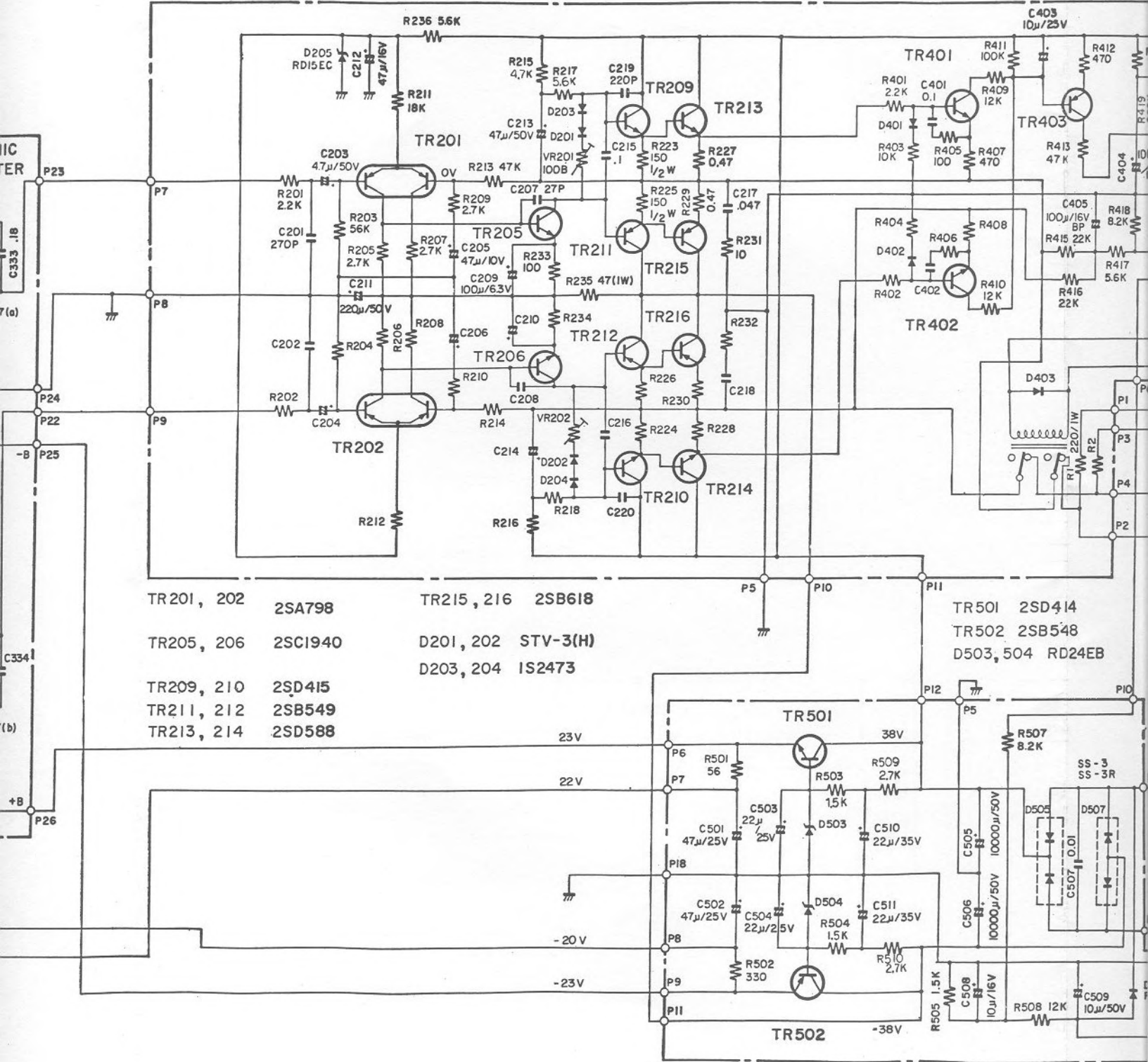
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P10

P12

P5

P11



TR201, 202 2SA798

TR205, 206 2SC1940

TR209, 210 2SD415

TR211, 212 2SB549

TR213, 214 2SD588

TR215, 216 2SB618

D201, 202 STV-3(H)

D203, 204 IS2473

TR501 2SD414

TR502 2SB548

D503, 504 RD24EB

TR501

TR502

C403
10μ/25V

SS-3
SS-3R

D505
0.01

D507
0.01

C509
10μ/50V

R508 12K

C508 10μ/16V

R505 1.5K

C506 10000μ/50V

C505 10000μ/50V

C504 22μ/25V

R507 8.2K

R509 2.7K

R503 15K

R504 1.5K

R502 330

C501 47μ/25V

C502 47μ/25V

C503 22μ/25V

C504 22μ/25V

C505 22μ/35V

C506 22μ/35V

C507 22μ/35V

C508 22μ/35V

C509 22μ/35V

C510 22μ/35V

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