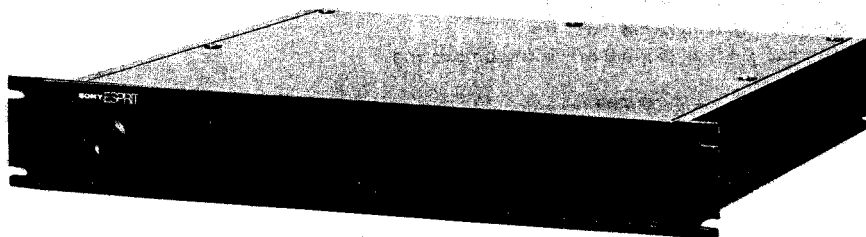


TA-N900

US Model
AEP Model
UK Model



MONAURAL POWER AMPLIFIER

SPECIFICATIONS

Power Output and Total

Harmonic Distortion: (US model) With 8 Ω loads, monaural channel driven, from 20 – 20,000 Hz; rated 200 W per channel minimum RMS power, with no more than 0.05 % total harmonic distortion from 250 mW to rated output.

Continuous RMS

Power Output: At 20 Hz – 20 kHz
200 W (2, 4, 8 Ω)
(At rated distortion, monaural channel driven) According to DIN 45500
200 W (2, 4, 8 Ω)

Power Bandwidth (IHF):

5 Hz – 70 kHz

Slew Rate: 150 V/ μ sec (8 Ω)

Harmonic Distortion: (At rated output)
Less than 0.05 % (8 Ω)
Less than 0.1 % (4 Ω)
Less than 0.2 % (2 Ω)

Intermodulation (IM)

Distortion: (60Hz : 7kHz = 4 : 1, at rated output)
Less than 0.05 % (8 Ω)
Less than 0.1 % (4 Ω)
Less than 0.2 % (2 Ω)

Frequency Response: DC – 100 kHz $+0$ dB (DIRECT INPUT)

5 Hz – 100 kHz $+0$ dB (C COUPLED INPUT)

Signal-to-noise Ratio: Greater than 120 dB (short-circuited input, 8 Ω)
110 dB (8 Ω , 178 IHF)

Residual Noise: Less than 20 μ V (8 Ω , A network)

Damping Factor: 50 (8 Ω , 1 kHz)

Inputs: Sensitivity 1.7 V (8 Ω); 1.2 V (4 Ω); 0.85 V (2 Ω)
(For rated output) Impedance 50 k Ω

Outputs: SPEAKER terminals
Accept speakers of 2 – 16 Ω with a user-selectable switch

GENERAL

System: Pre-power stage
1st: Bootstrapped double cascode FET differential input, with current-mirror output
2nd: Bootstrapped cascode inverted amp
3rd: Emitter follower SEPP output
Power stage: No NFB loop, pure-complementary SEPP output in class A operation
Power supply: Pulse locked power supply

– Continued on page 2 –

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK Δ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.



SONY

SERVICE MANUAL

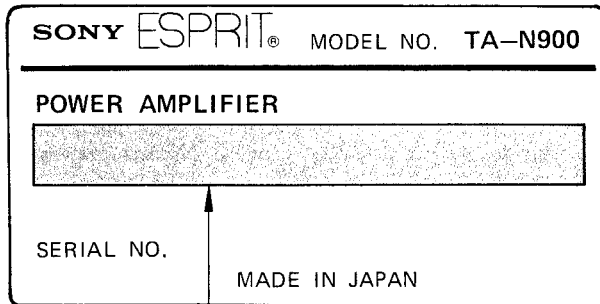
TA-N900

- Power Requirements:** 220 V ac, 50/60 Hz (AEP model)
240 V ac, 50/60 Hz (UK model)
120 V ac, 60 Hz (US model)
- Power Consumption:** 270 W (AEP model)
530 W (UK model)
175 W (US model)
- Dimensions:** Approx. 480 (w) x 80 (h) x 445 (d) mm
(18⁷/₈ (w) x 3¹/₈ (h) x 17⁵/₈ (d) inches)
Including projecting parts and controls
- Weight:** Approx. 10.5 kg (23 lb 2 oz), net
Approx. 11.5 kg (25 lb 6 oz), in shipping carton

Note: Appliance conforms with EEC Directive 76/889 regarding interference suppression.

MODEL IDENTIFICATION

— Specification Label —



US model	AC 120V	60Hz	175W
AEP model	AC 220V ~	50/60Hz	270W
UK model	AC 240V ~	50/60Hz	530W

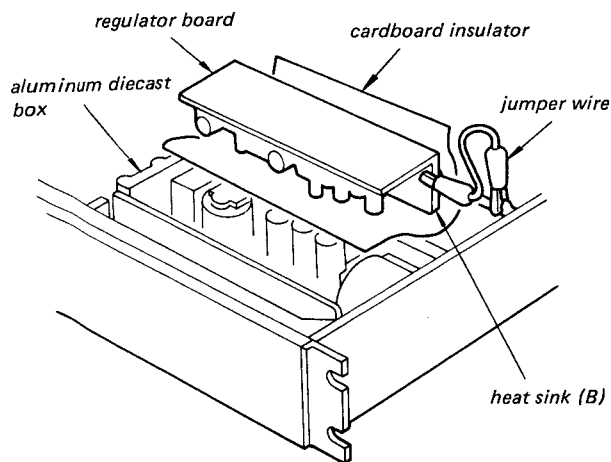
SECTION 1
OUTLINE

1-1. SERVICING NOTE

1. PULSE-LOCKED POWER SUPPLY BOARD REPAIRING

This set has a pulse-locked power-supply circuit which is quite different from a conventional power-supply circuit. The pulse-locked power-supply directly rectifies and smooths the ac input power to produce the higher dc voltages required in the power-supply circuit. When servicing this set, note the following.

- a) To prevent unwanted radiation due to pulse signals in the pulse-locked power-supply circuit, the pulse-locked power-supply board is shielded by the aluminum diecast box.
- b) The negative circuit of the secondary rectifier in the pulse-locked power-supply circuit is grounded by screws in the heat sink (B). When checking the regulator board out of the box, use a jumper wire and a cardboard insulator as shown below.
- c) Take care that electrolytic capacitor C004 which is used after the rectification of ac power source voltage is charged even if the POWER switch is turned off. Be sure to use a resistor of at least several hundred ohms to discharge the capacitor. Direct discharge by means of lead is dangerous.



2. INVERTER CIRCUIT TRANSFORMER REPLACEMENT

The lead wire arrangement for T701 in the inverter circuit is shown in Fig. A.

As the repair parts, T701 is formed by only iron core. Thus, if the coil is defective, arrange a new transformers as shown below. Note that the lead lengths must be exact. Also wind the coil carefully.

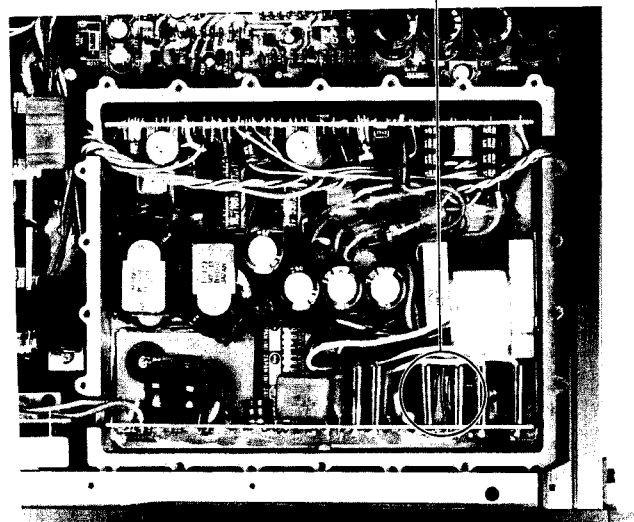
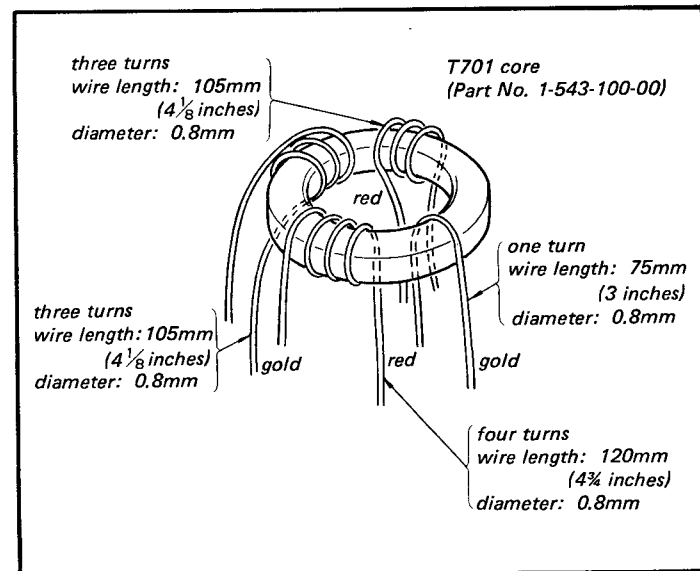


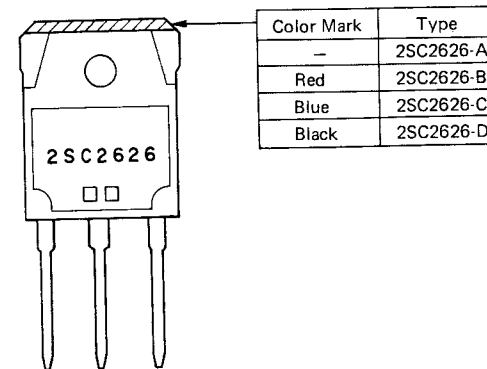
Fig. A

(Photo : US model)

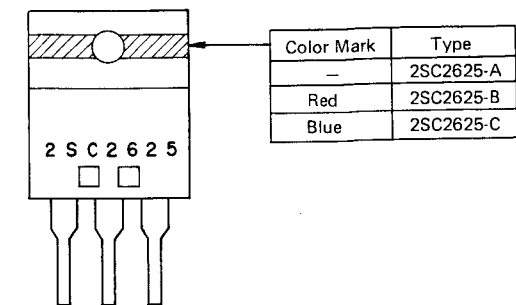
3. INVERTER CIRCUIT TRANSISTOR REPLACEMENT (Q703 - 706)

When replacing Q703 - 706 in the inverter circuit, use those which have the same hFE rank and color code. A kit containing 4 transistors with the same rank is provided for field service use.

US model
Q703 - 706
Part No. X-4870-213-1

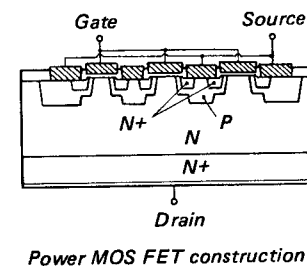


AEP, UK model
Q703 - 706
Part No. X-4870-214-1



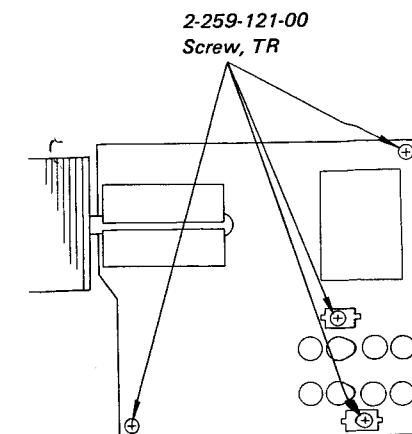
4. POWER MOS FETs

This set uses 4 pairs of power MOS-FETs 2SK173 and 2SJ54. It features high voltage resistance and high gm in addition to the usual characteristics of high speed switching, high input impedance, no secondary breakdown and pentoda. These MOS FETs are enhancement type, different from the depletion type used before. The gate voltage is higher than the source voltage. (Forward Bias)



5. POWER AMP BOARD SCREW REPLACEMENT

On 4 screws which fasten the power amp board affect the tonal quality. When replacing screws, use specified copper screws. (Part No. 2-259-121-00)



1-2. POINT FOR REPAIRING

1. Pulse-locked Power Supply Checking

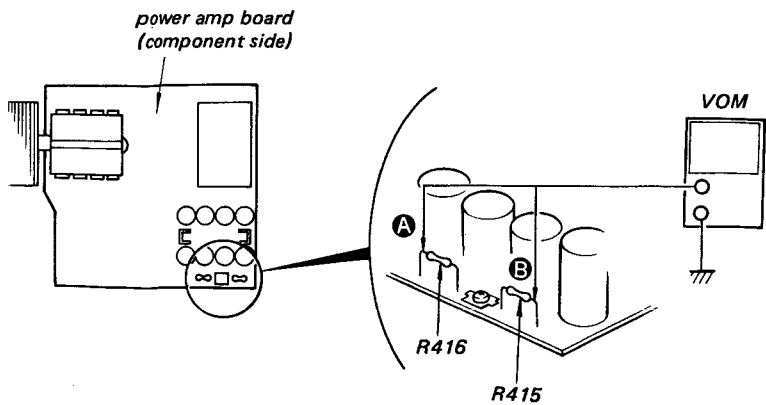
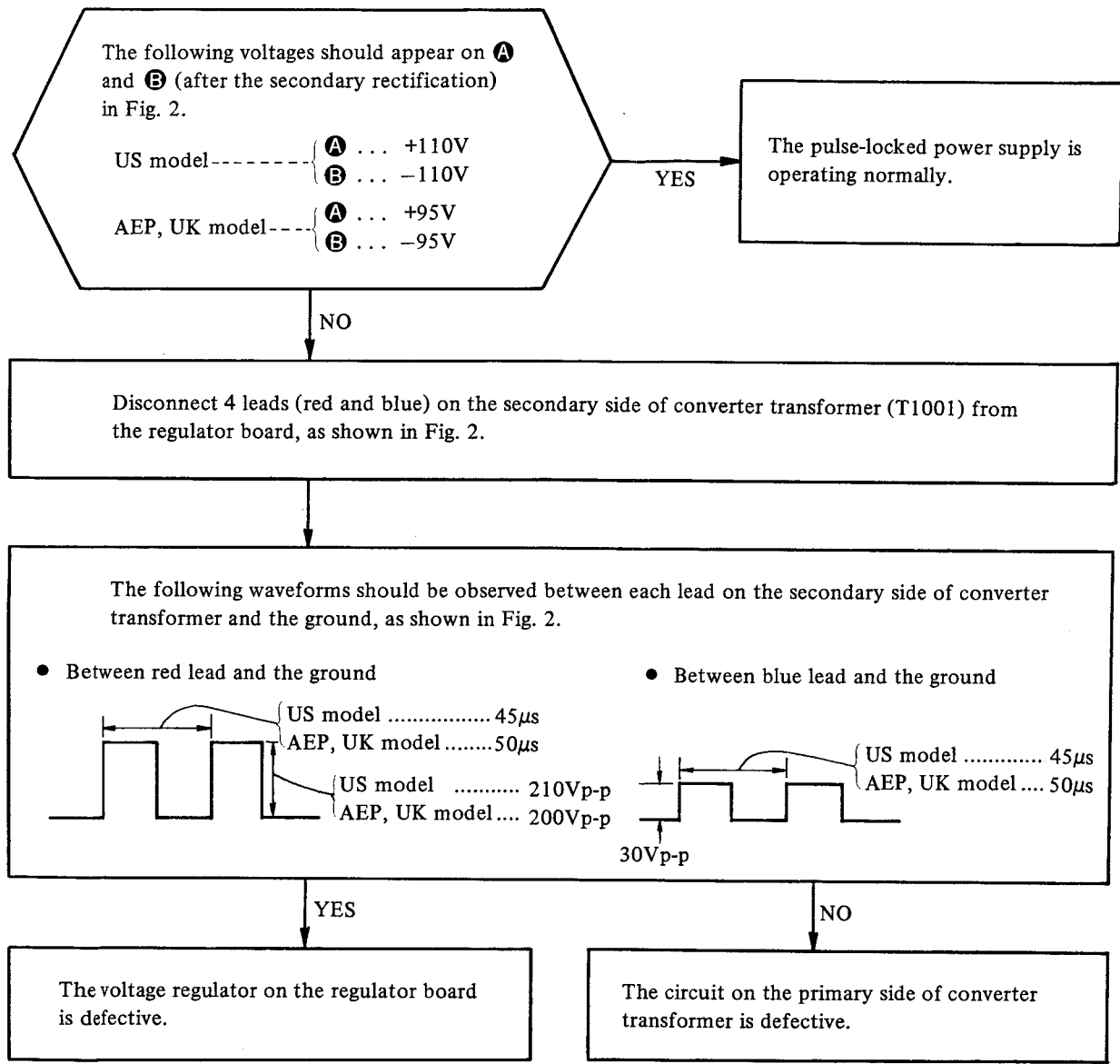


Fig. 1

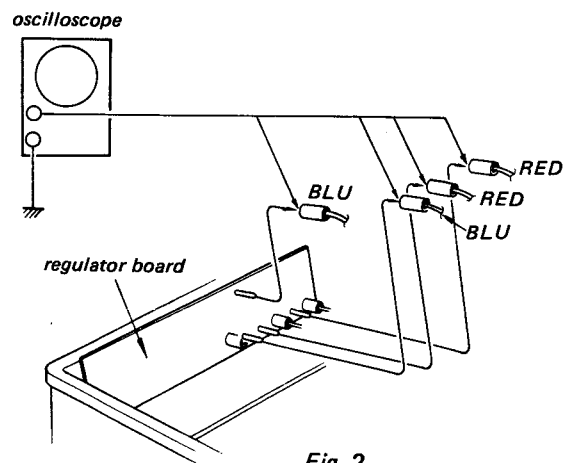


Fig. 2

2. Power Amp Checking

CAUTION: Be careful not to disconnect the 2 lead wires in Fig. 5 (for B+ voltage on bias and distortion reduction circuits) or turn the power on while connecting 4 leads in Fig. 3 (B+ voltage in the final amp). This causes breakdown of the final amp.

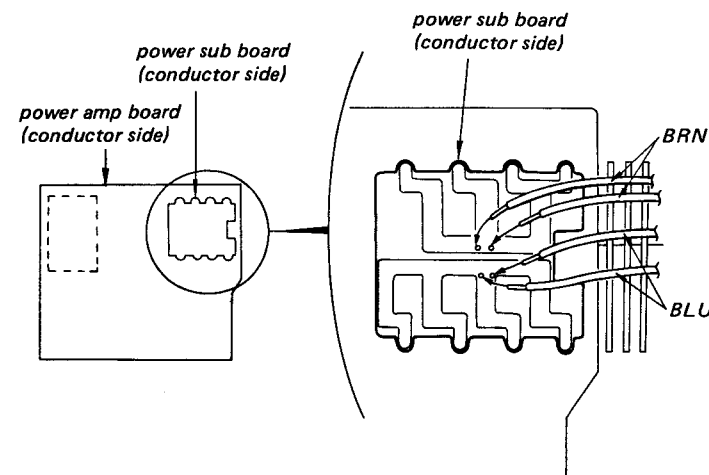
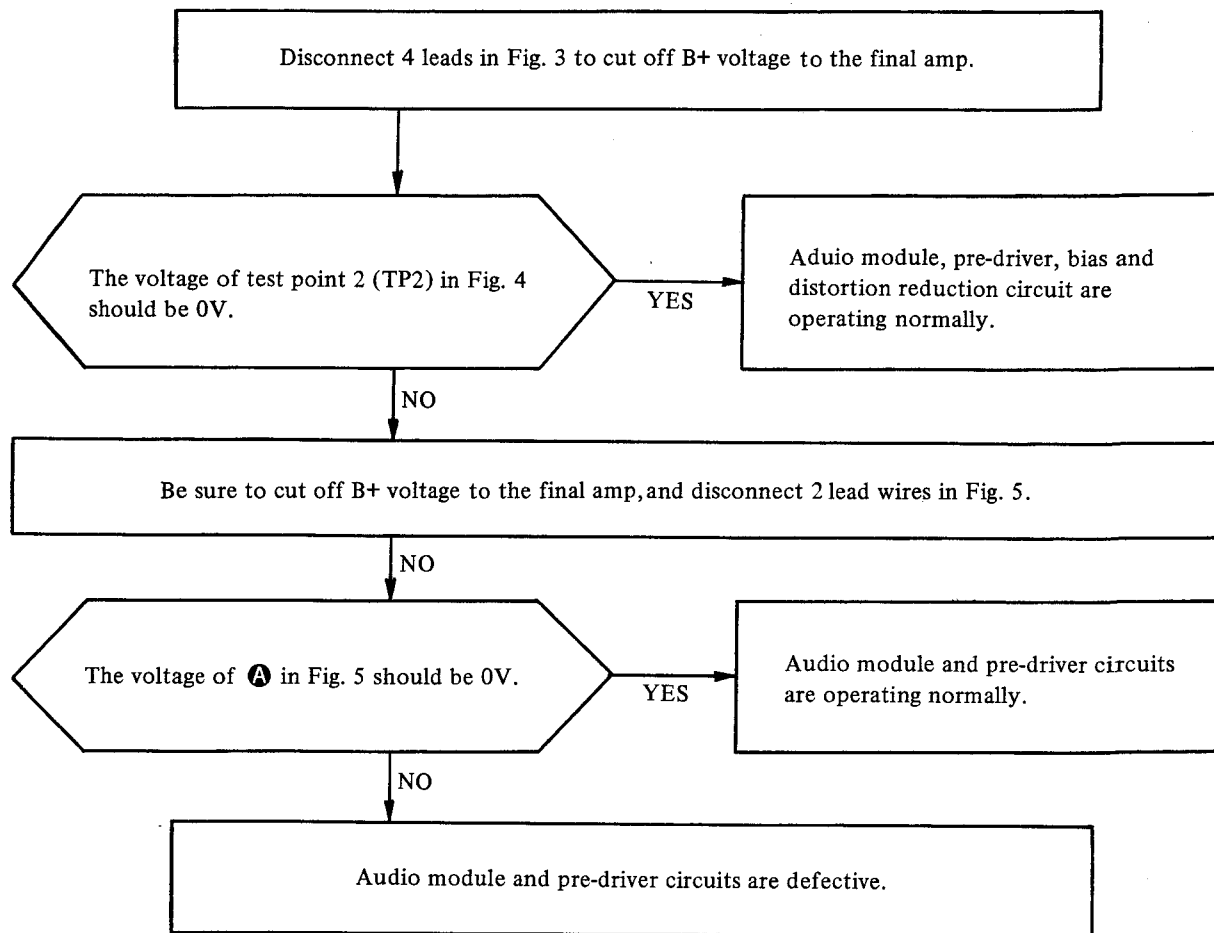


Fig. 3

1-3. BLOCK DIAGRAM

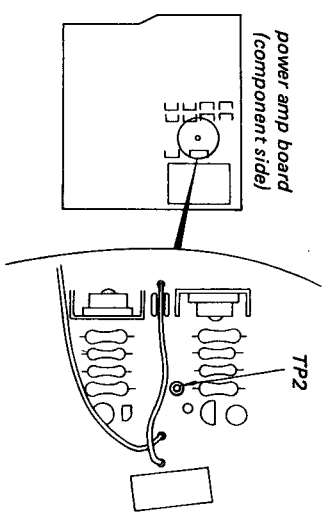
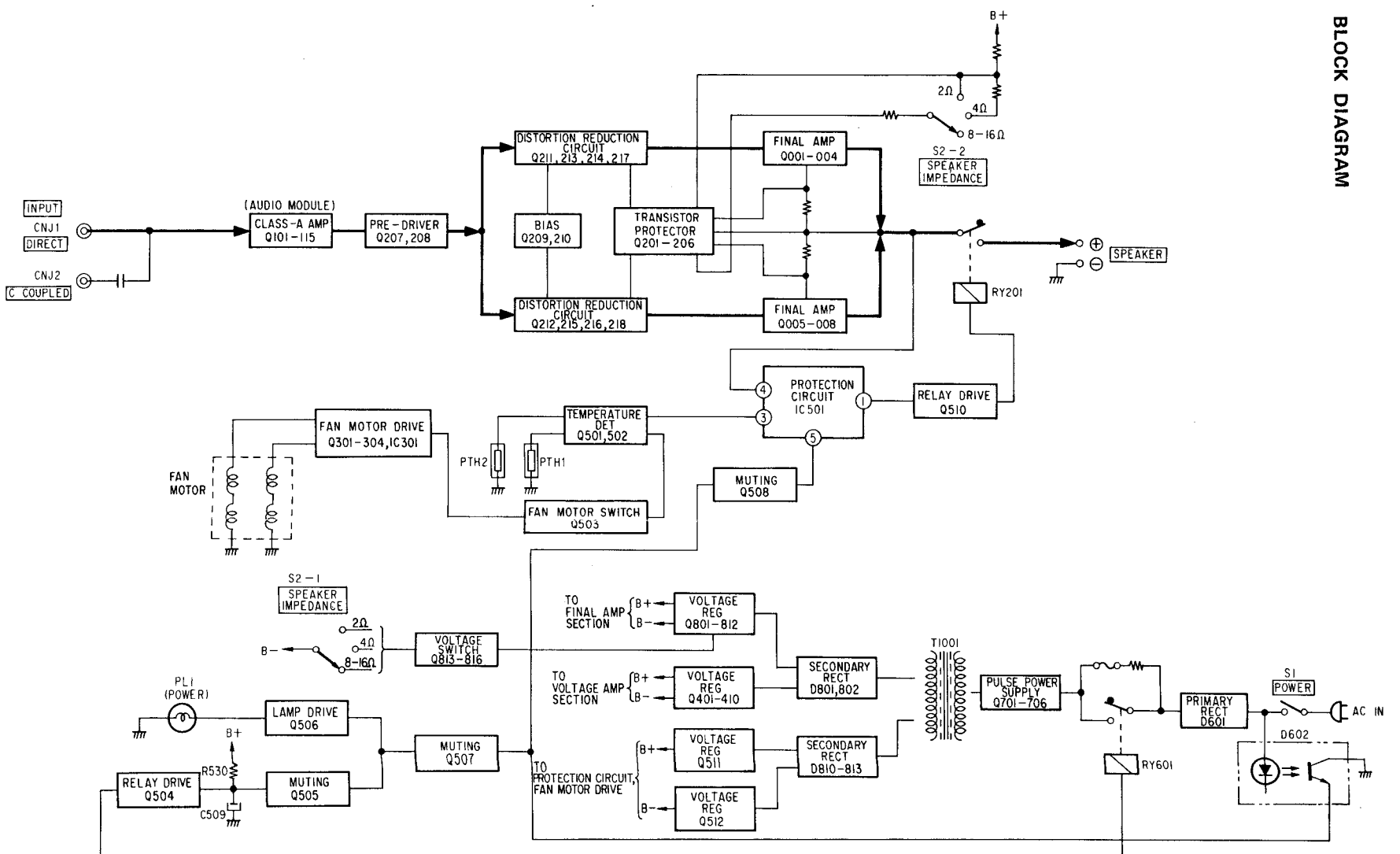


Fig. 4

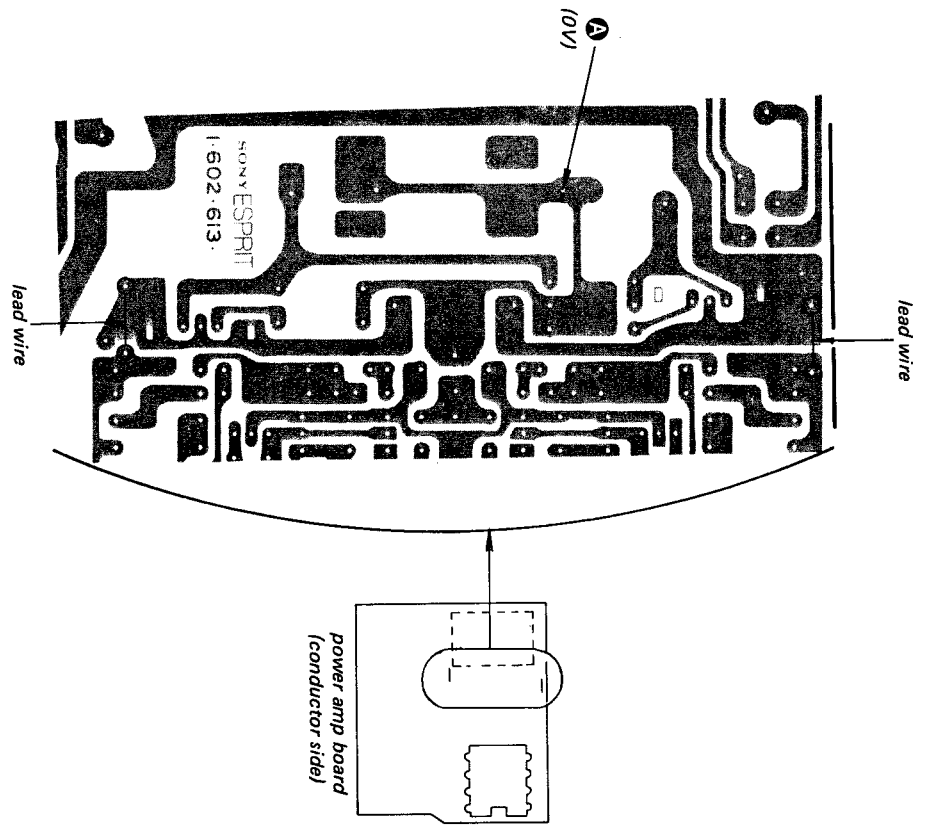


Fig. 5

SECTION 2 DISASSEMBLY

TA-N900 TA-N900

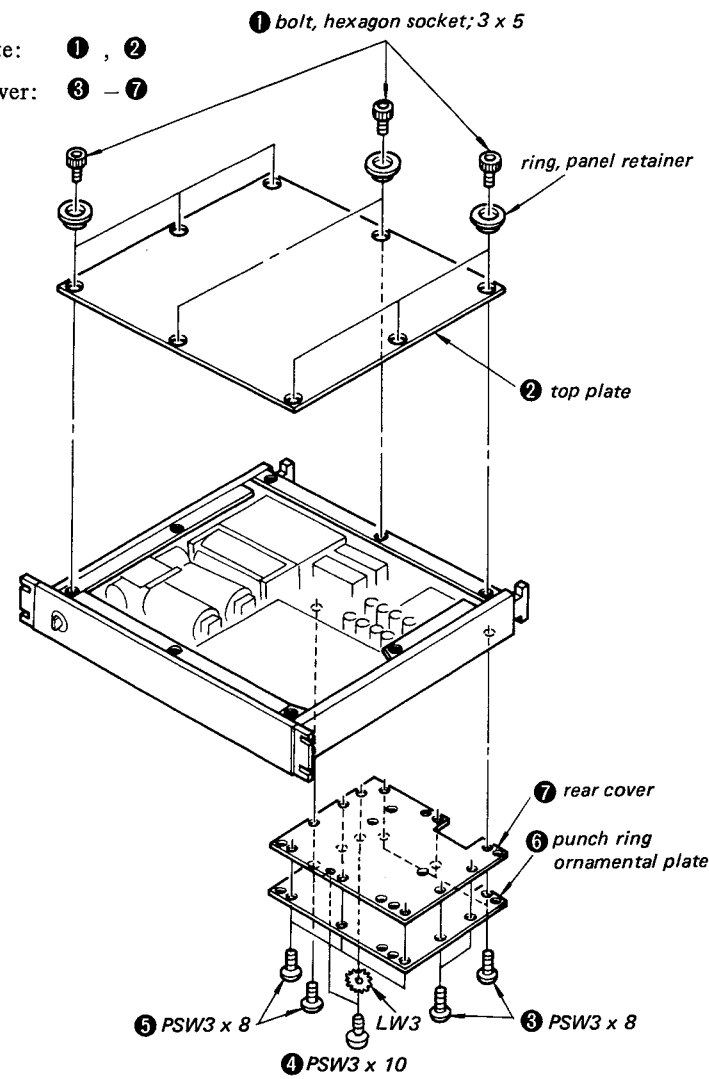
• Follow the disassembly procedure in the numerical order given.

TOP COVER/REAR COVER

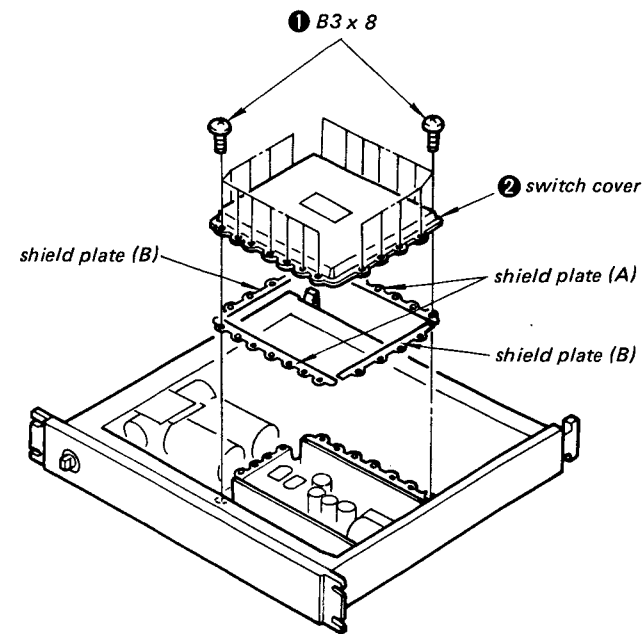
Remove the bottom cover, and check the power amp board.

Top Plate: ①, ②

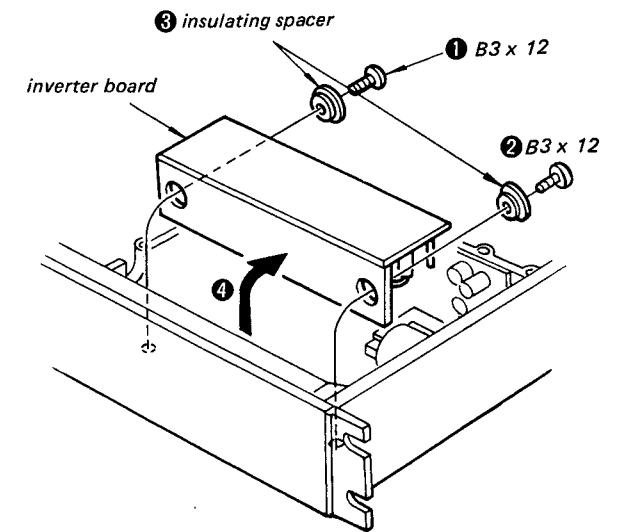
Rear Cover: ③ - ⑦



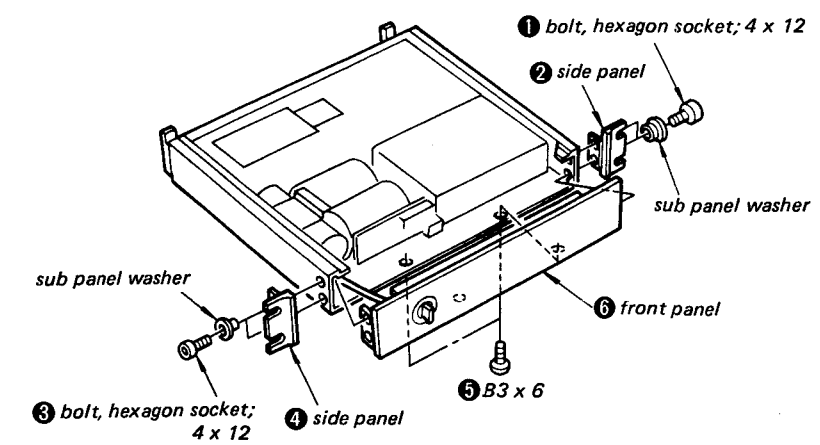
SWITCH COVER



INVERTER BOARD

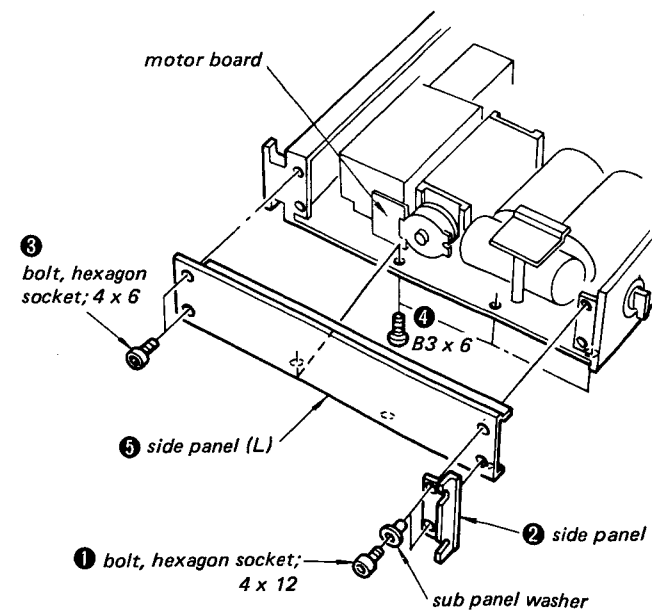


FRONT PANEL

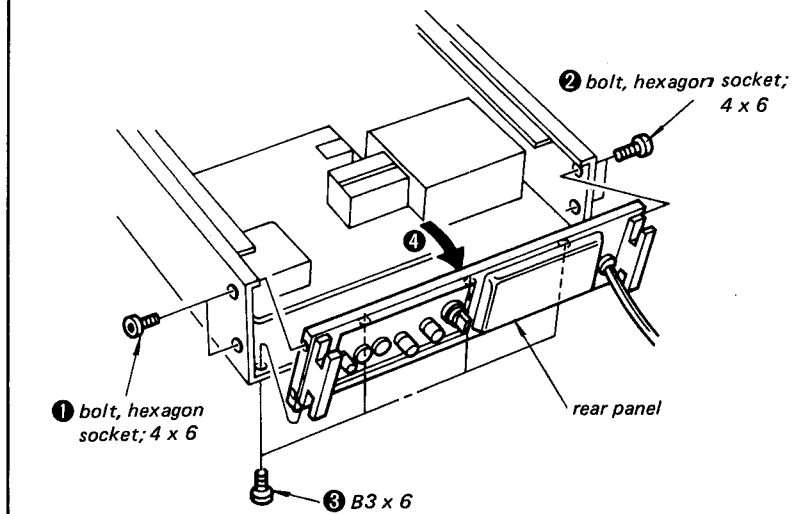


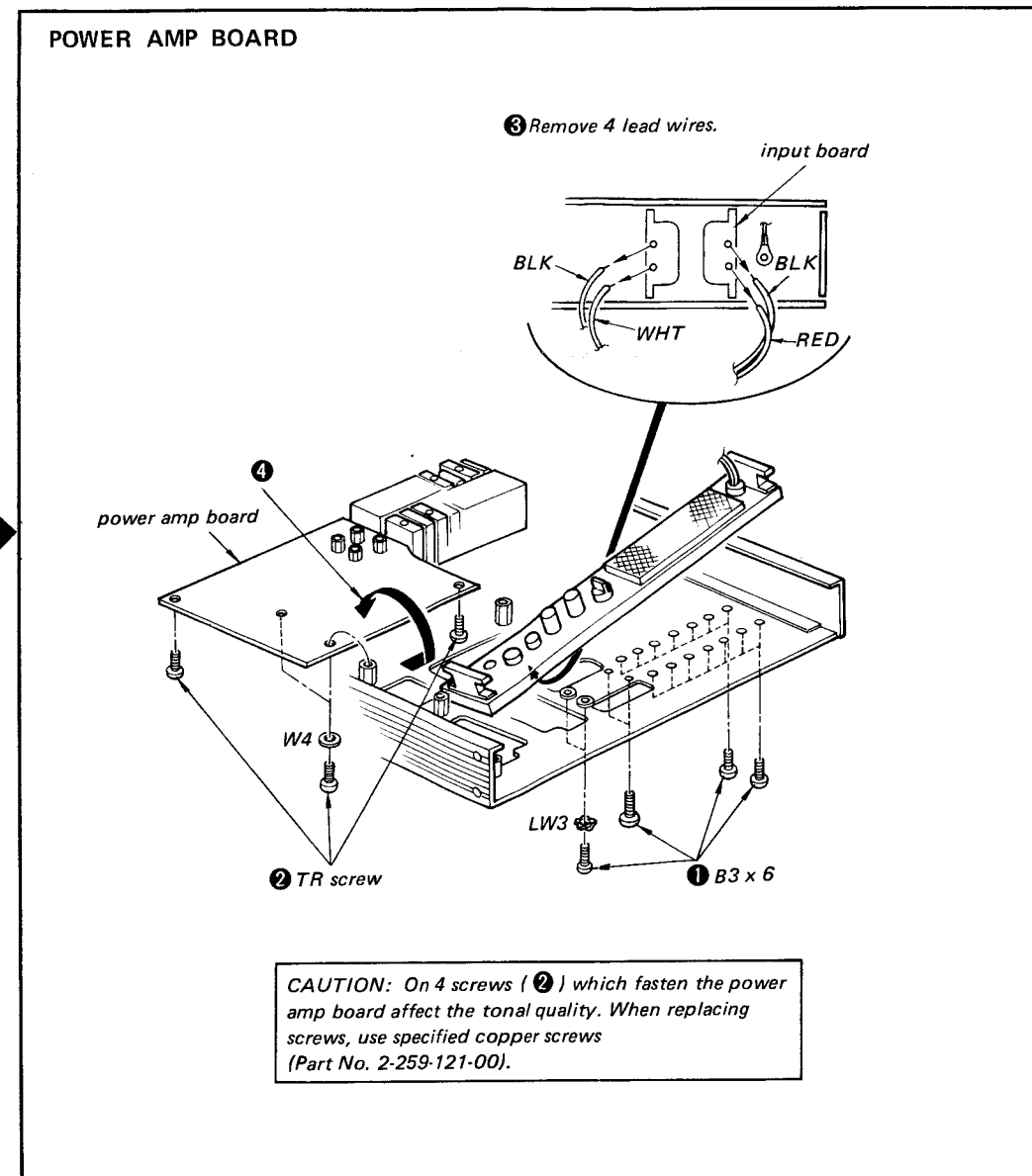
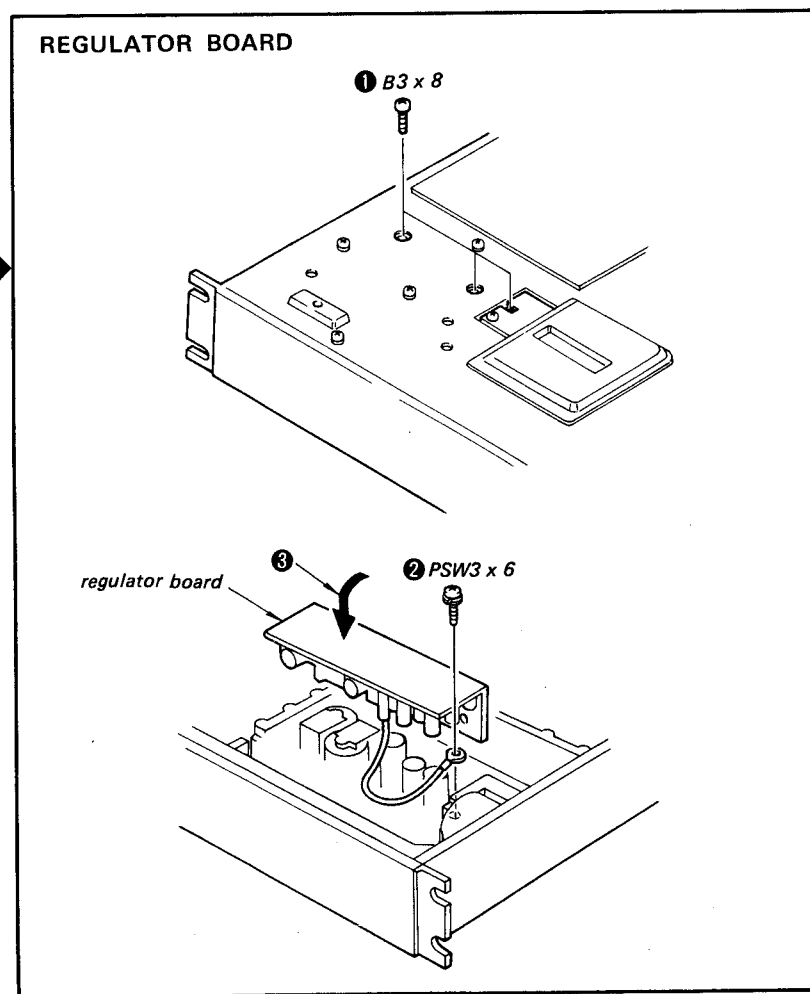
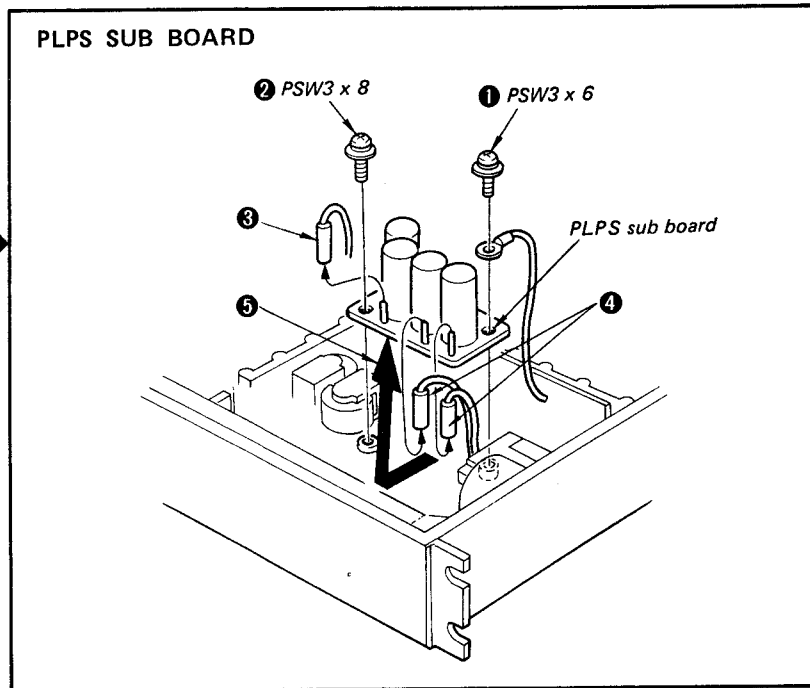
SIDE PANEL (L), (R)

(Side panel (R) removal is the identical to that of side panel (L).)
Remove the side panel (L), and check the motor board.



REAR PANEL





SECTION 3
ADJUSTMENTS

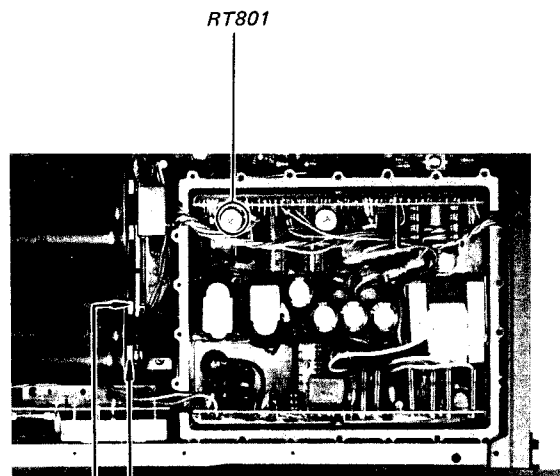
B+ Voltage Adjustment

Procedure:

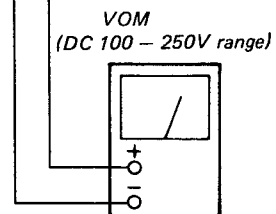
Adjust RT801 so that the VOM reading is as follows.

SPEAKER IMPEDANCE (S2) switch	VOM reading
8 – 16Ω	70.5 – 71.5V
4Ω	48.0 – 57.0V
2Ω	33.5 – 37.5V

Adjustment Location:



(Photo : US model)



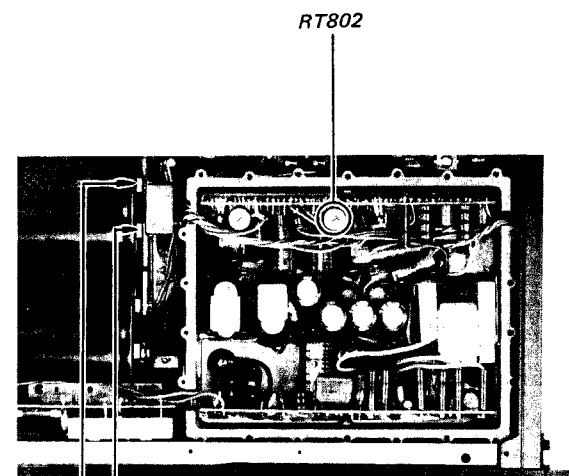
B- Voltage Adjustment

Procedure:

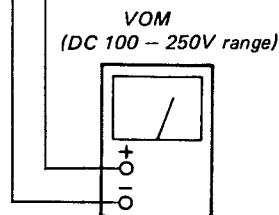
Adjust RT802 so that the VOM reading is as follows.

SPEAKER IMPEDANCE (S2) switch	VOM reading
8 – 16Ω	70.5 – 71.5V
4Ω	48.0 – 57.0V
2Ω	33.5 – 37.5V

Adjustment Location:



(Photo : US model)

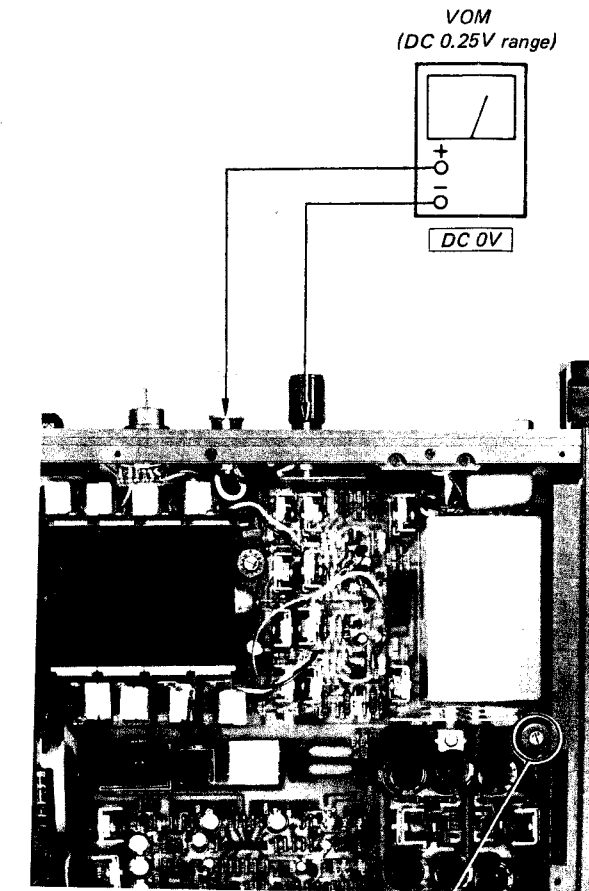


Offset Adjustment

Procedure:

Adjust RT101 for 0V dc reading on the VOM.

Adjustment Location:



RT101

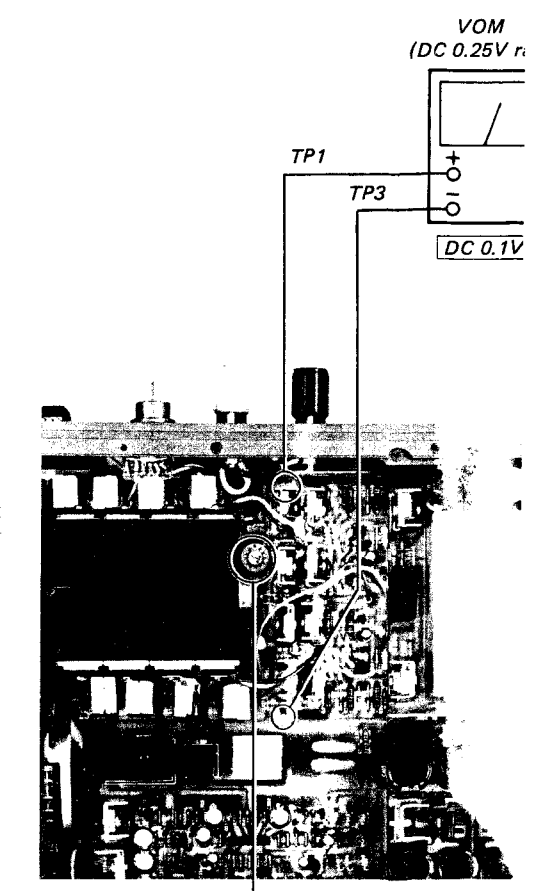
Idling Current Adjustment

Procedure:

Adjust RT201 for 0.1V dc reading on the VOM.

Note: Allow about several minutes for warm-up before the adjustment.

Adjustment Location:



RT201

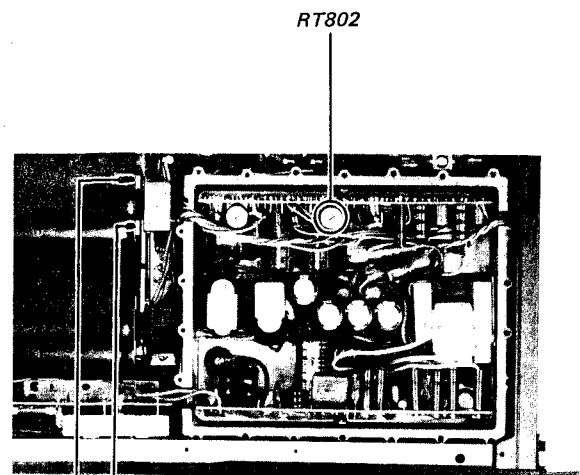
B- Voltage Adjustment

Procedure:

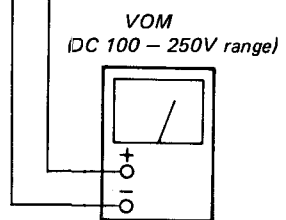
Adjust RT802 so that the VOM reading is as follows.

SPEAKER IMPEDANCE (S2) switch	VOM reading
8 - 16Ω	70.5 - 71.5V
4Ω	48.0 - 57.0V
2Ω	33.5 - 37.5V

Adjustment Location:



(Photo : US model)

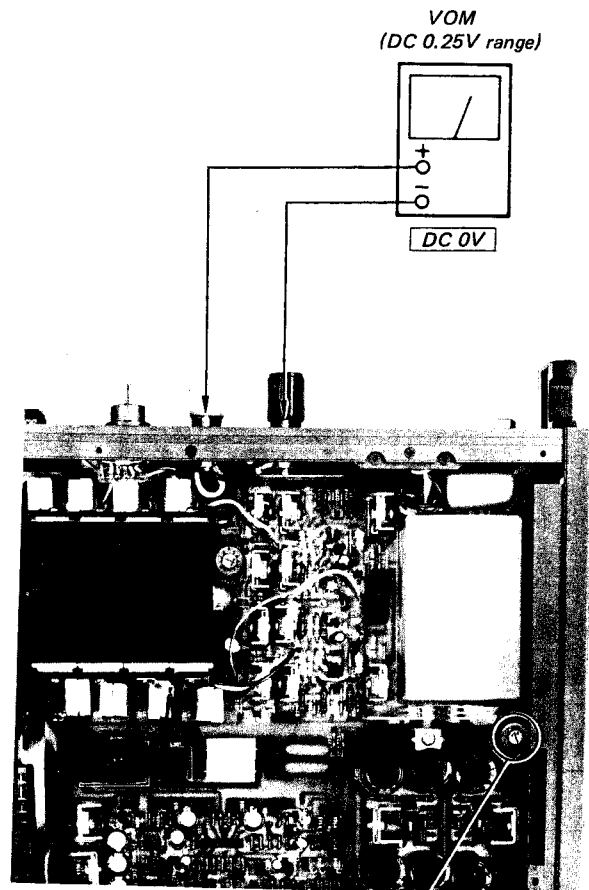


Offset Adjustment

Procedure:

Adjust RT101 for 0V dc reading on the VOM.

Adjustment Location:



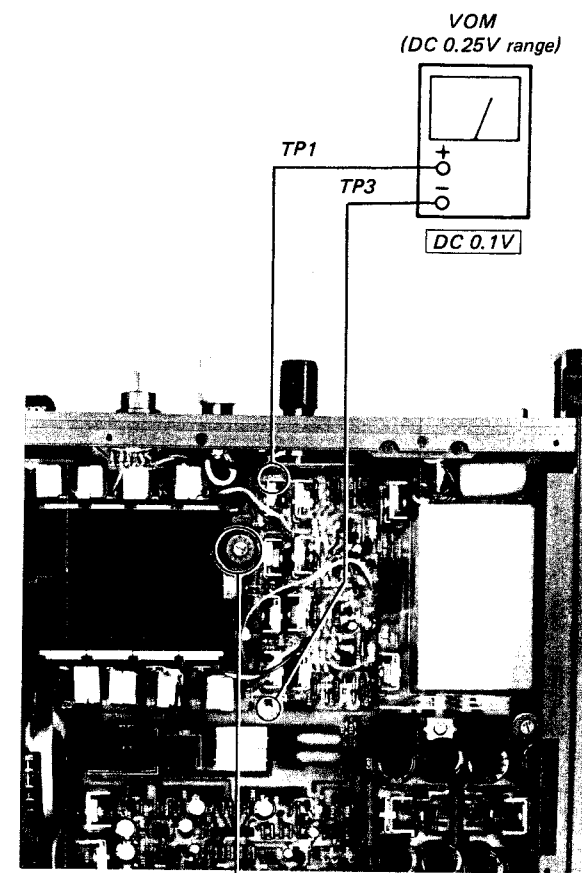
Idling Current Adjustment

Procedure:

Adjust RT201 for 0.1V dc reading on the VOM.

Note: Allow about several minutes for warm-up before the adjustment.

Adjustment Location:

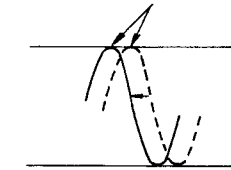


Fan Motor Adjustment

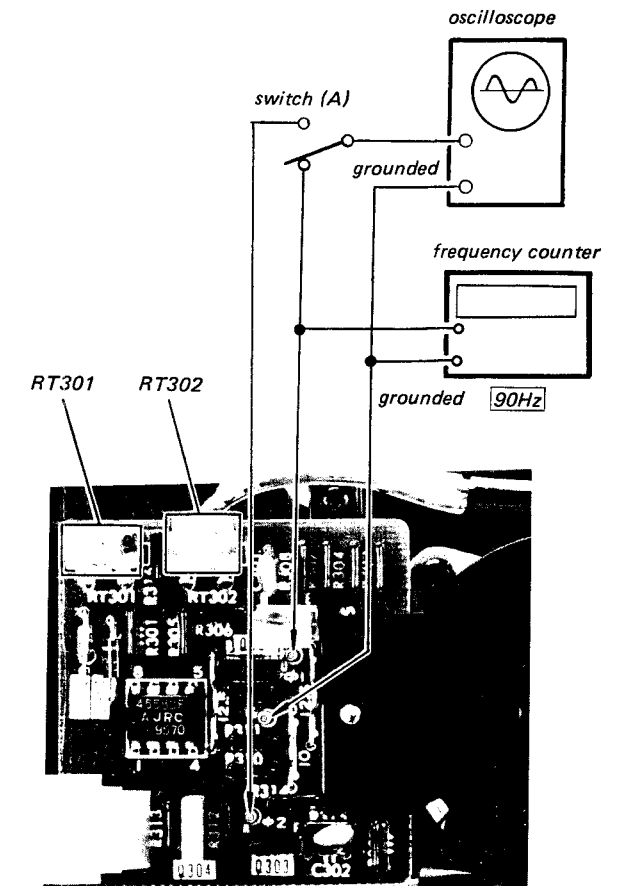
Procedure:

1. Adjust RT302 so that the waveform on the oscilloscope becomes as shown below when switching over the switch (A) (Speed Adjustment).

Same peak value should be obtained.



2. Adjust RT301 for 90Hz reading on the counter (Balance Adjustment).



SECTION 4 DIAGRAMS

4-1. MOUNTING DIAGRAMS - Conductor Side -

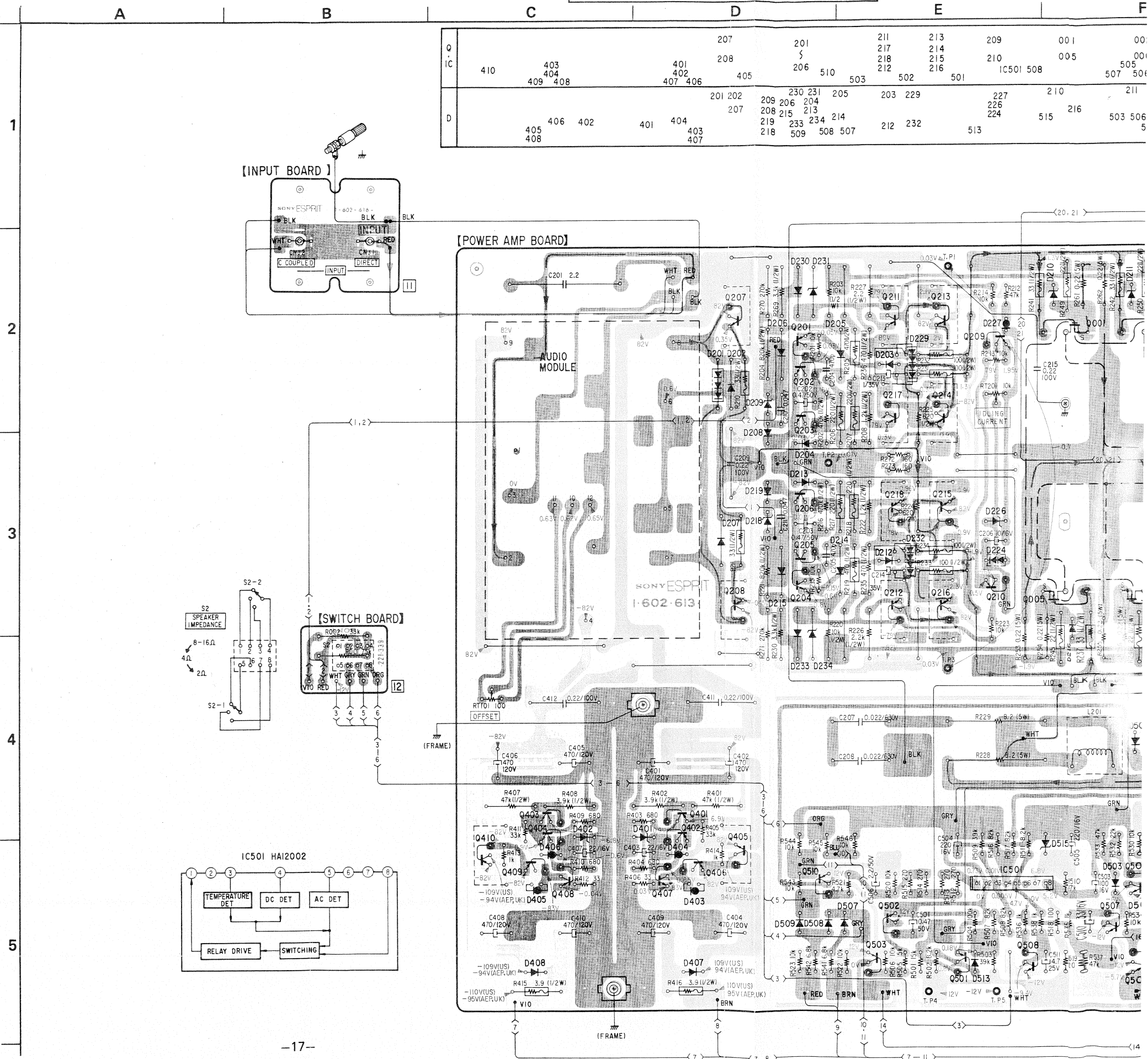
• Refer to page 28 for semiconductor lead layout.

Note:

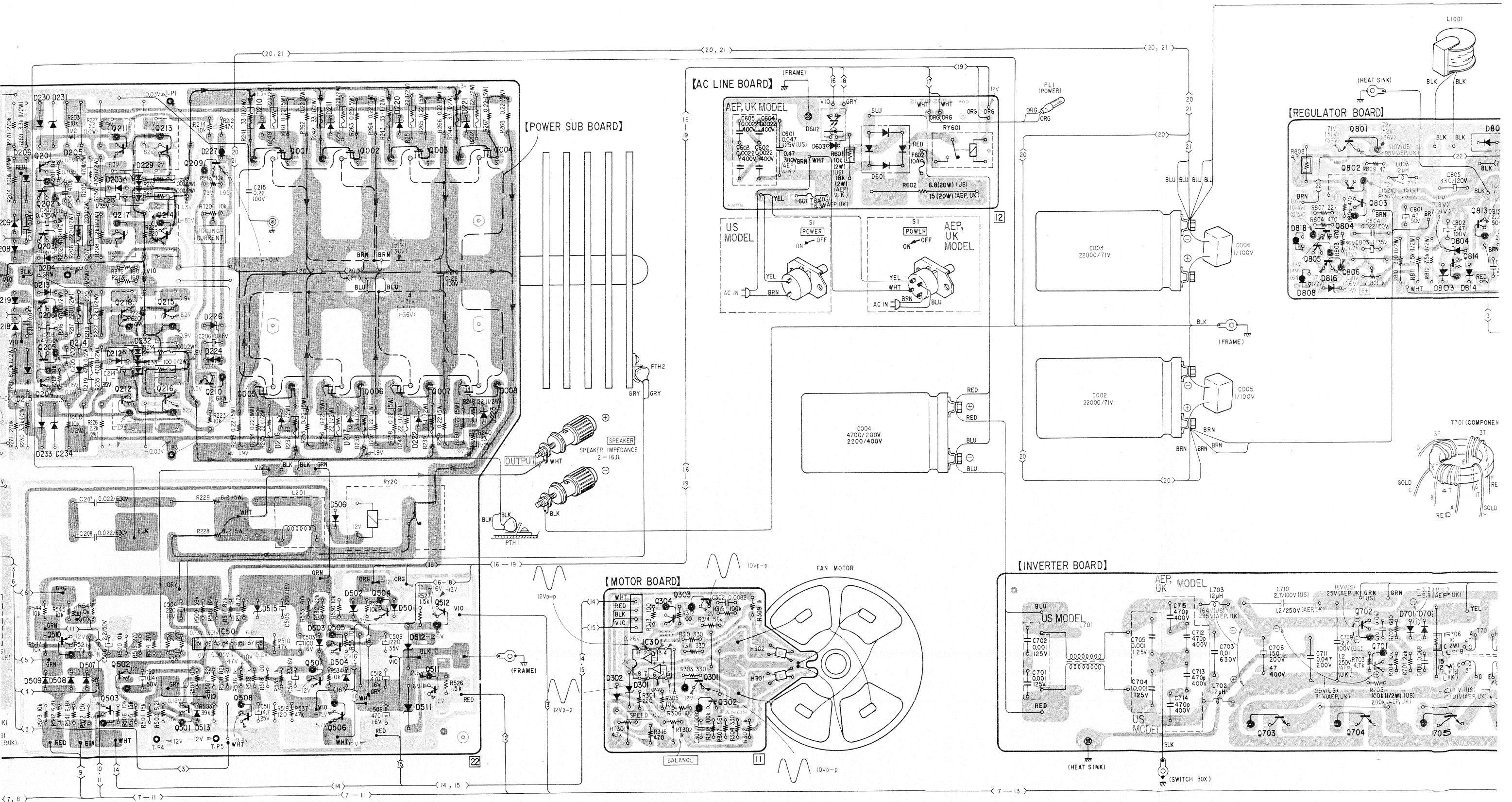
- — parts extracted from the component side.
- — parts extracted from the conductor side.
- ▨ : B+ pattern
- ▤ : B- pattern
- ➔ : signal path
- Voltages and voltage waveforms are dc with respect to ground unless otherwise noted.
- Voltages and voltage waveforms in the inverter circuit are dc with respect to the negative conductor side of C706.
- Readings are taken under no-signal conditions with a VOM (20kΩ/V).

	S2 (SPEAKER IMPEDANCE) POSITION
no-mark	8 - 16Ω
()	4Ω
<>	2Ω

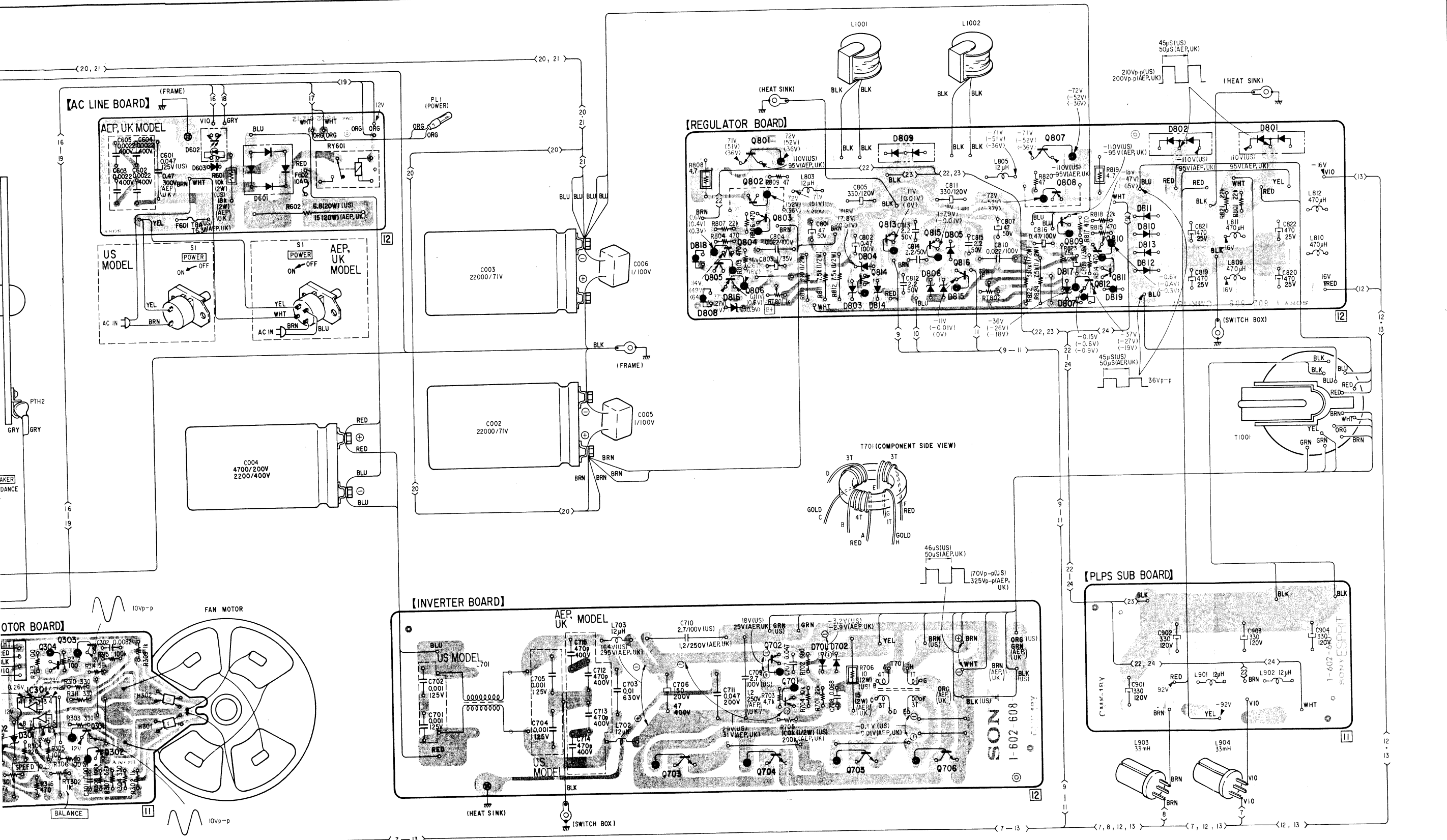
When audio module is defective, replace it as audio module block (A-4388-246-A).



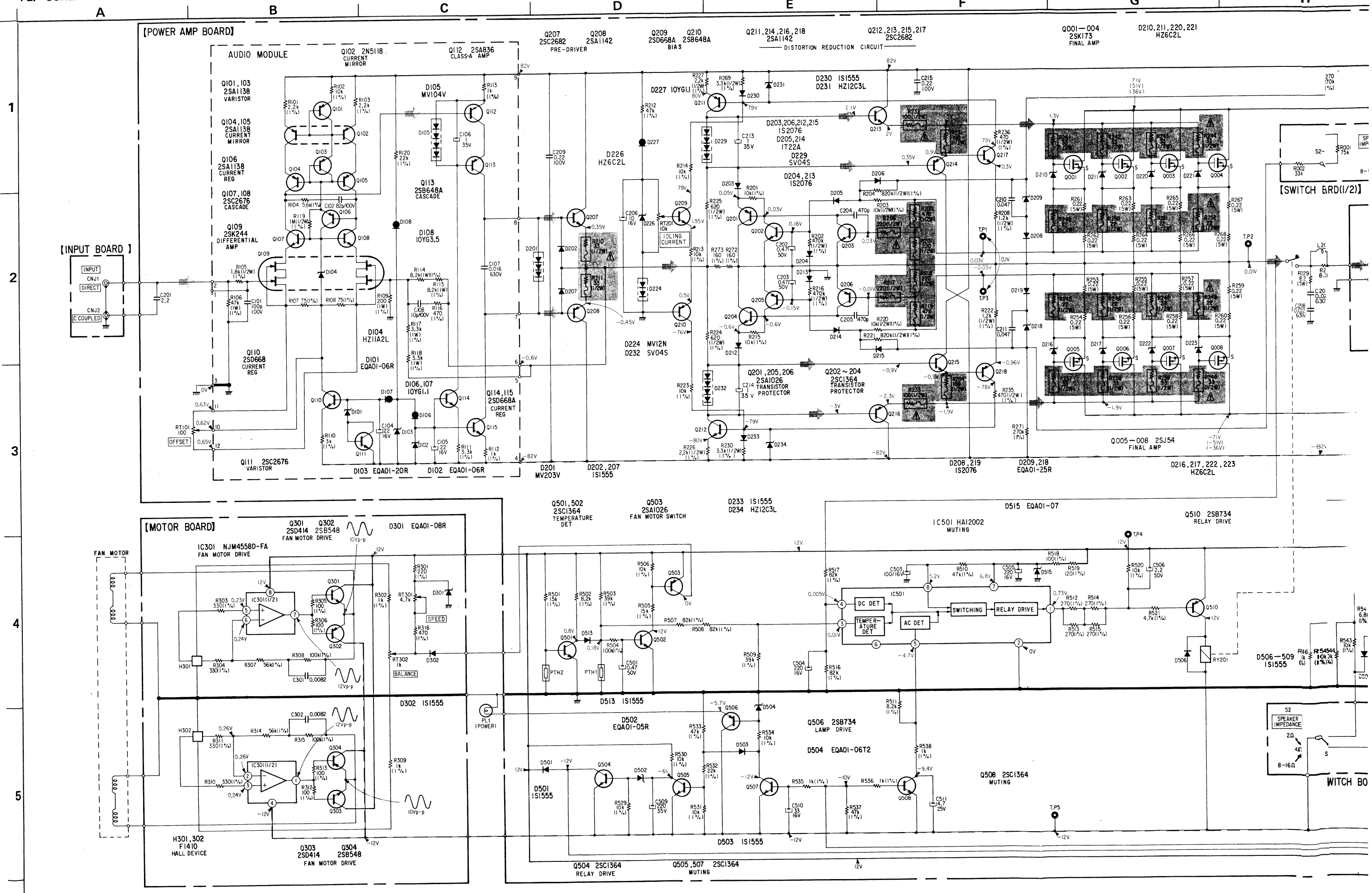
E		F		G		H		I		J		K		L	
201	211	213	209	001	002	003	004	304	303					801	813
5	217	214	210	005	006	007	008	IC301	301	302				804	802
206	218	215	210	505	506	504	512							805	803
510	212	216	IC501	507	506	504	511							806	702
503	502	501	508	507	506	504	511							704	701
209	230	231	205	203	229	227	210	211	220	221				818	804
208	206	204				226	216	217	222	223					803
215	213					224	515	503	506	502					814
219	215	214													814
218	233	234	214	212	232		513								705
	509	508	507											808	816
															701
															702

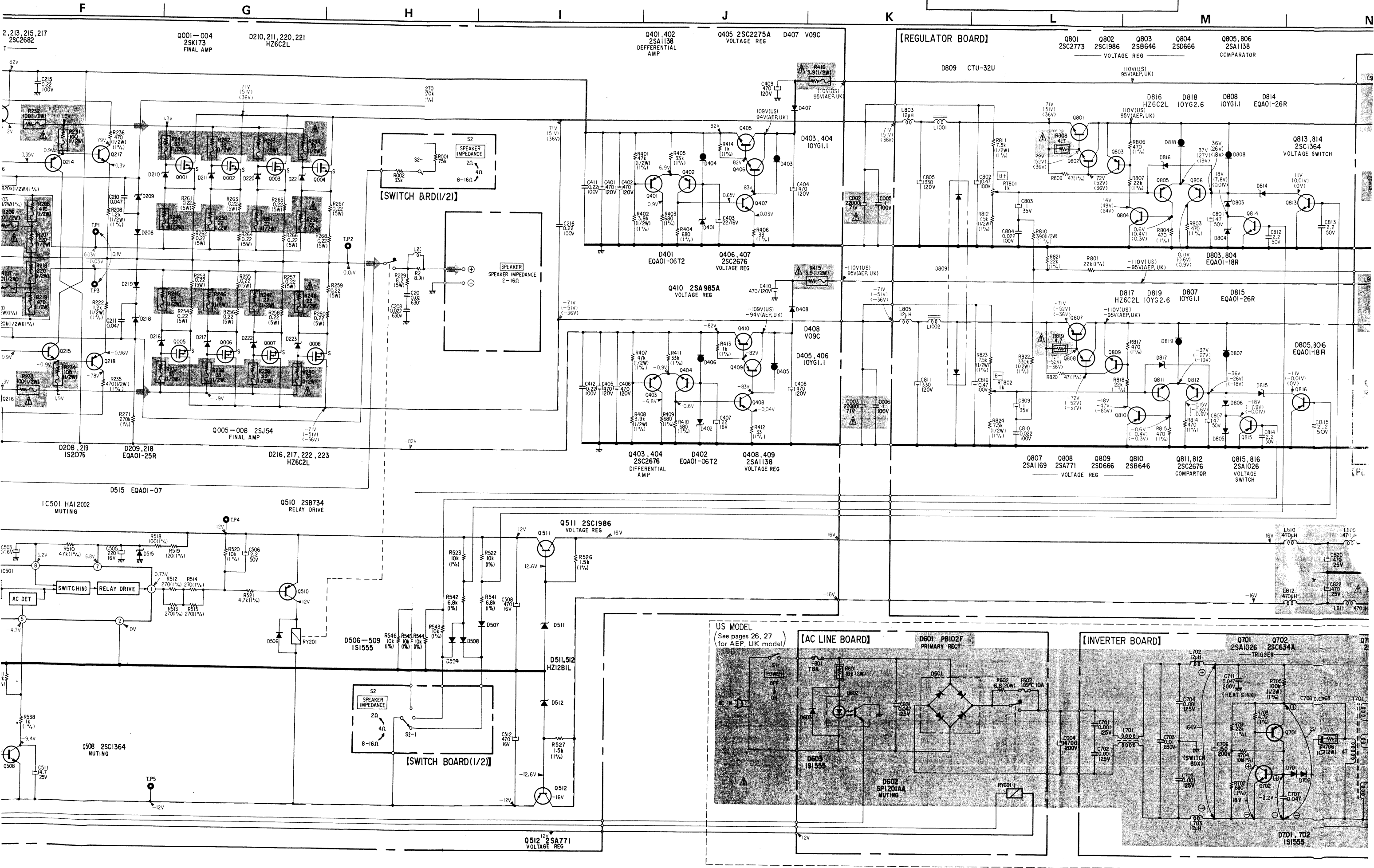


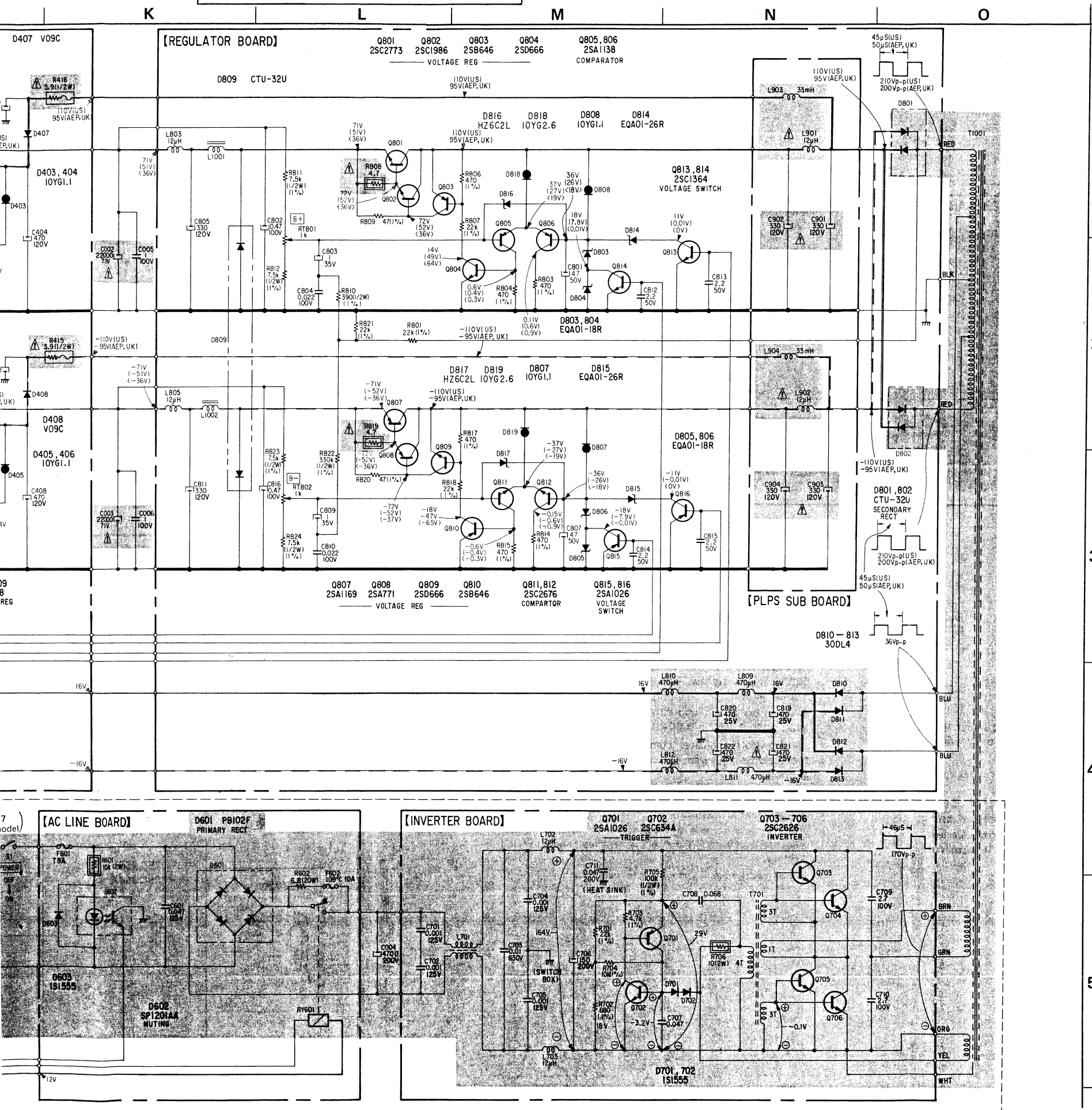
304	303						804	801		814	813	815		807	808							Q	IC
IC 301	301 302						805	802	702 701				816		809	810							
							806	803							817	818	819	811	802				D
									704	705		706						810	812				1
		602	601				818			804	809	805		807				811	802				1
		603								803	814	806 815						813					1
							808	816	701 702									812					1



4.2. SCHEMATIC DIAGRAM







Note:

- All capacitors are in μF unless otherwise noted. pF : μF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in ohms, $\frac{1}{4}\text{W}$ unless otherwise noted. k Ω : 1000 Ω , M Ω : 1000 k Ω
- 1% (resistor) indicates component tolerance. (1% of the schematic diagram is omitted in the mounting diagrams.)
- : nonflammable resistor.
- : fusible resistor.
- : signal path
- : adjustment for repair.
- : B+ bus.
- : B- bus.
- Voltages and voltage waveforms are dc with respect to ground unless otherwise noted. Voltages and voltage waveforms in the inverter circuit are dc with respect to the negative conductor side of C706.
- Readings are taken under no-signal conditions with a VOM (20k Ω /V).

S2 (SPEAKER IMPEDANCE) POSITION	
no-mark	8 - 16 Ω
()	4 Ω
< >	2 Ω

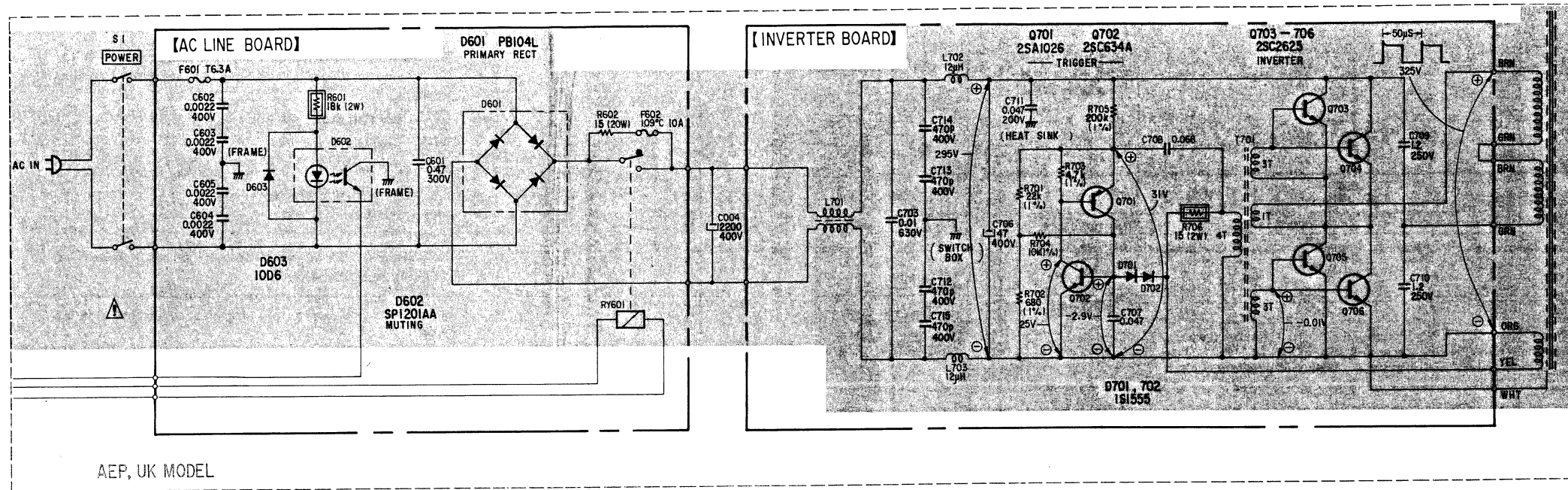
- Voltage variations may be noted due to normal production tolerances.

Note: The components identified by shading and mark are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

When audio module is defective, replace it as audio module block (A-4388-246-A).

4-3. SCHEMATIC DIAGRAM
 - AC Line Board and Inverter Board -
 (AEP, UK model)



AEP, UK MODEL

Note: The components identified by shading and mark are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Note:

- All capacitors are in μF unless otherwise noted. pF : μF 50V or less are not indicated except for electrolytics and tantalums.
- All resistors are in ohms, $\frac{1}{2}\text{W}$ unless otherwise noted. $\text{k}\Omega$: 1000Ω , $\text{M}\Omega$: $1000\text{k}\Omega$
- 1% (resistor) indicates component tolerance. (1% of the schematic diagram is omitted in the mounting diagrams.)
- : nonflammable resistor.
- : fusible resistor.
- Voltages and voltage waveforms in the inverter circuit are measured with respect to the negative conductor side of C706.
- Readings are taken in the no signal condition.

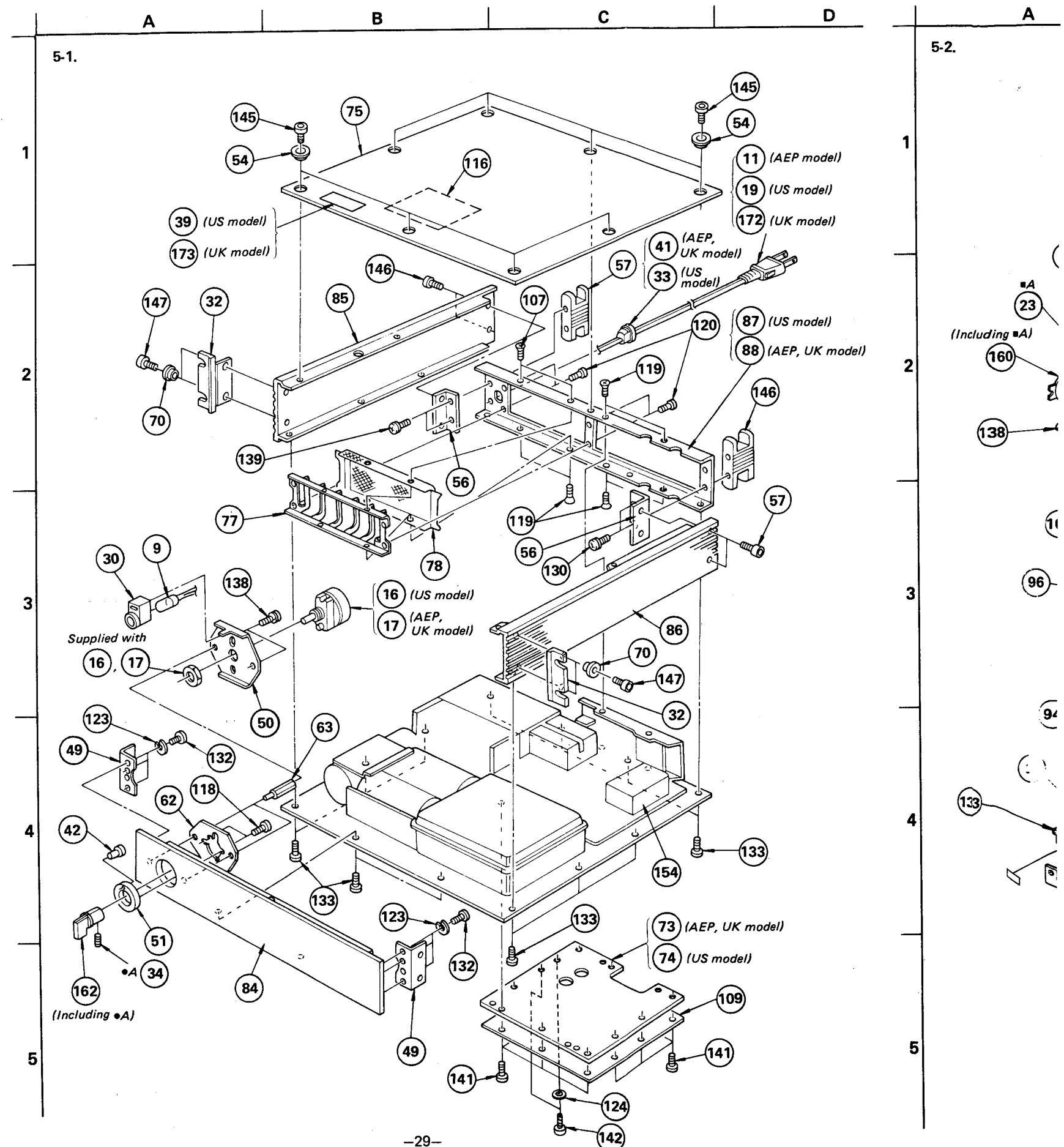
• Semiconductor Lead Layout.

2SA771 2SA985A	2SC634A	2SI
2SA1026 2SA1027R	2SC1364	2S
2SA1138 2SB734	2SC1986 2SC2275A	2SI
2SA1142 2SB548 2SB648A	2SC2676	HA
2SA1169	2SC2682 2SD414 2SD668A	NJM
2SB646 2SB646A 2SB740	2SC2773	1 1 1 3 H H
2SB720	2SD666 2SD666A	11 11 11

anode

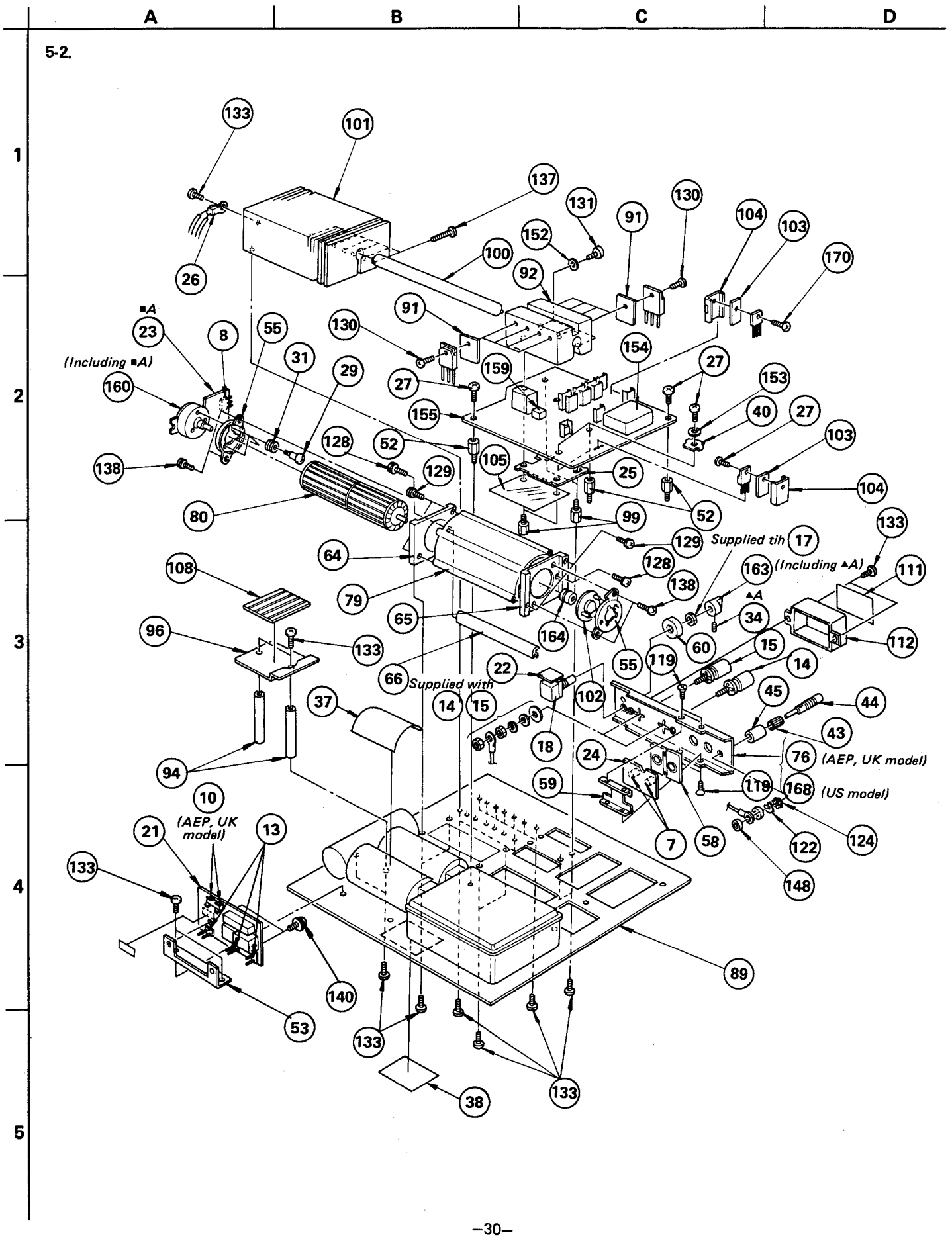
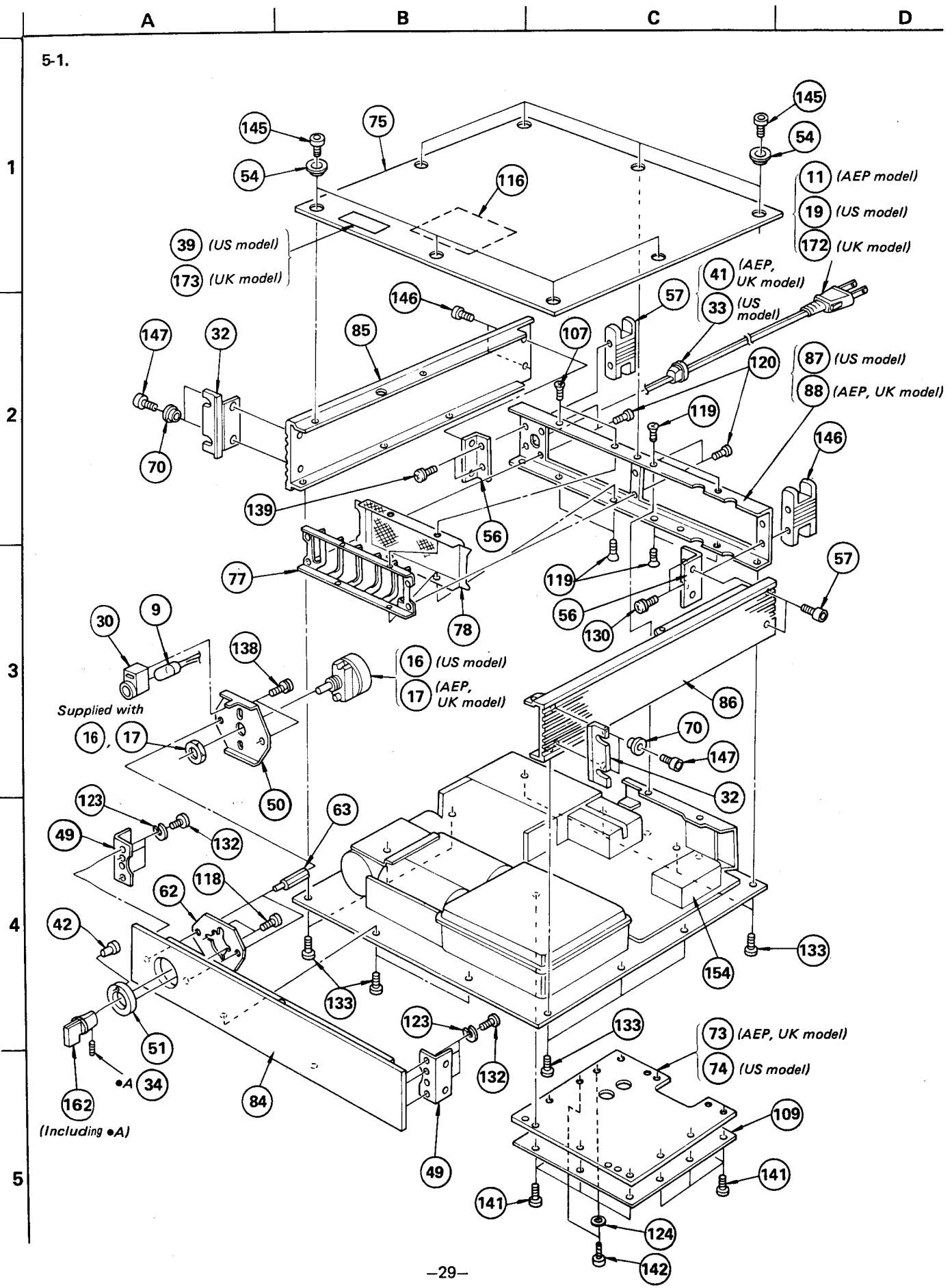
• Semiconductor Lead Layout.

2SA771 2SA985A 	2SC634A 	2SD760 	CTU-32U 	SV04S
2SA1026 2SA1027R 	2SC1364 	2SJ54 	EQA01-05R EQA01-06R EQA01-06T2 EQA01-07 EQA01-08R EQA01-18R EQA01-25R EQA01-26R 	V09C
2SA1138 2SB734 	2SC1986 2SC2275A 	2SK173 		10D6
2SA1142 2SB548 2SB648A 	2SC2676 	HA12002 	F1410 	2SC2625 2SC2626
2SA1169 	2SC2682 2SD414 2SD668A 	NJM4558D-FA 	MV12N 	
2SB646 2SB646A 2SB740 	2SC2773 	1S1555 1S2076 1T22A 1T22AM 30DL4 HZ6C2L HZ12C3L HZ12B1L 	MV203V 	
2SB720 	2SD666 2SD666A 		PB102F PB104L 	
		10YG1.1 10YG1.5 10YG2.6 	SPI201 SPI201AA 	



SECTION 5
EXPLODED VIEWS AND PARTS LIST

TA-N900 TA-N900



A

B

C

D

5-3.

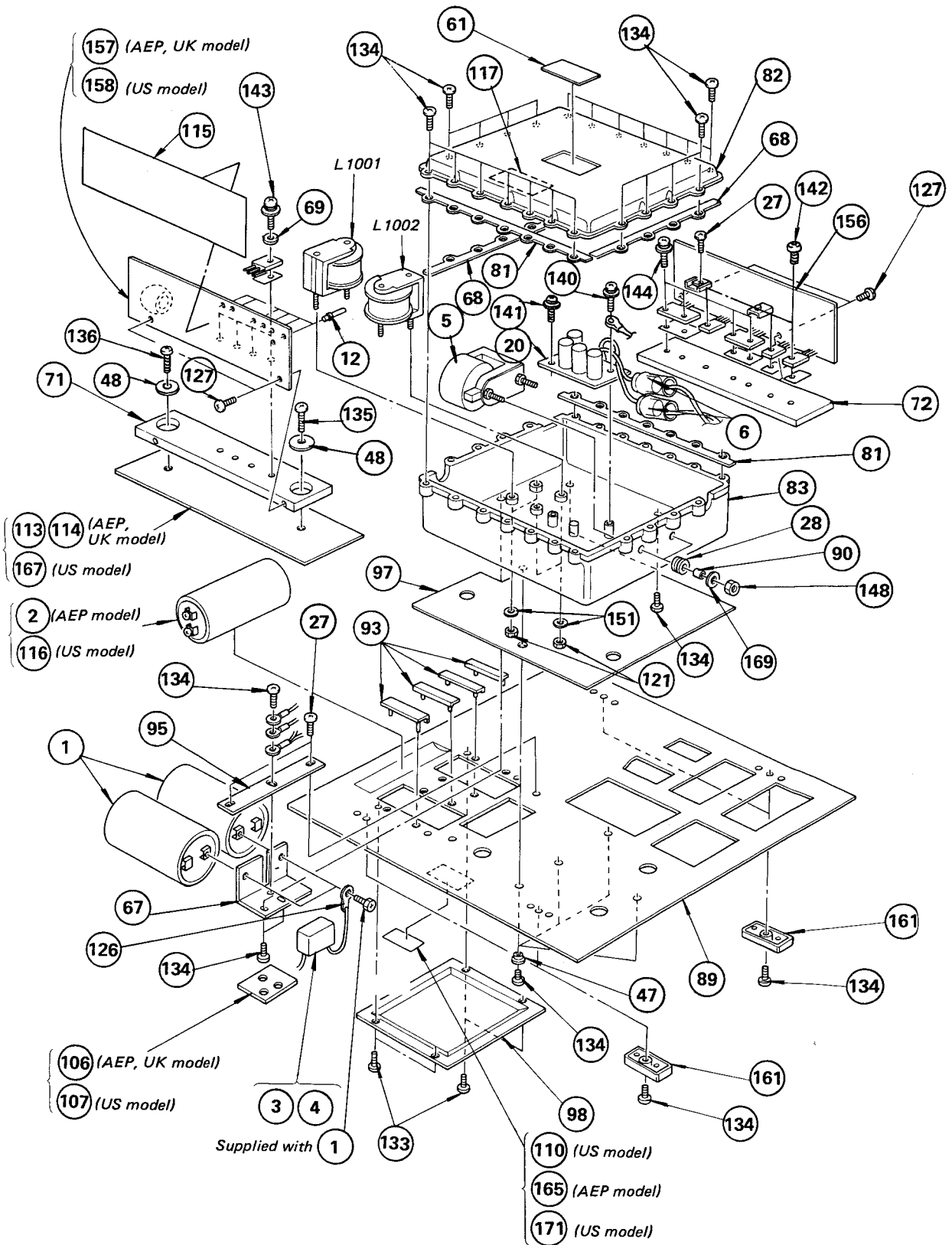
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5



GENERAL SECTION

No.	Part No.	Description
91	4-870-254-00	SHEET, RADIATION
92	4-870-255-00	BLOCK (E)
93	4-870-260-00	CUSHION, CAPACITOR
94	4-870-261-00	SUPPORT
95	4-870-262-00	PLATE (B), GROUND
96	4-870-263-00	PLATE (B), HOLD, C
97	4-870-264-00	INSULATOR
98	4-870-265-00	CASE, CAPACITOR
99	4-870-266-00	SUPPORT, BLOCK
100	4-870-267-00	HEAT PIPE
101	4-870-268-00	HEAT BLOCK
102	4-870-269-00	HOUSING, FAN METAL
103	4-870-272-00	HEAT SINK
104	4-870-273-00	HEAT SINK (E)
105	4-870-274-00	INSULATOR (B)
106	4-870-275-00	PLATE, ORNAMENTAL, GROUND*** (AEP,UK)
107	4-870-275-11	PLATE, ORNAMENTAL, GROUND*** (US)
108	4-870-276-00	SHEET, ORNAMENTAL RUBBER
109	4-870-277-00	PLATE, ORNAMENTAL, PUNCHING
110	4-870-282-00	LABEL, MODEL NUMBER*** (US)
111	4-870-283-00	LABEL, CAUTION*** (US)
112	4-870-284-00	COVER, TERMIRAL*** (US)
113	4-870-286-01	SHEET, INSULATING*** (AEP,UK)
114	4-870-286-11	SHEET, INSULATING*** (AEP,UK)
115	4-870-287-00	SHEET, INSULATING*** (AEP,UK)
116	4-870-288-00	BARRIER, TOP PLATE*** (US)
117	4-870-289-00	SHEET, INSULATING*** (AEP,UK)
118	7-621-284-00	SCREW +P 2.6X4
119	7-621-559-48	SCREW +K 2.6X6
120	7-621-775-20	SCREW +B 2.6X5
121	7-622-205-05	N 2, TYPE 2
122	7-623-208-22	SW 3,TYPE 2
123	7-623-212-22	SW 5,TYPE 2
124	7-623-422-07	LW 3, TYPE B
125	7-623-508-01	LUG, 3
126	7-623-510-01	LUG, 4
127	7-628-254-10	SCREW +PS 2.6X6
128	7-628-254-20	SCREW +PS 2.6X8
129	7-628-254-30	SCREW +PS 2.6X10
130	7-682-149-15	SCREW +P 3X10
131	7-682-168-15	SCREW +P 4X30
132	7-682-174-09	SCREW +P 5X8
133	7-682-547-09	SCREW +B 3X6
134	7-682-548-09	SCREW +B 3X8
135	7-682-550-09	SCREW +B 3X12

GENERAL SECTION

No.	Part No.	Description
136	7-682-551-09	SCREW +B 3X14
137	7-682-555-09	SCREW +B 3X30
138	7-682-646-09	SCREW +PS 3X5
139	7-682-663-09	SCREW +PS 4X12
140	7-682-947-09	SCREW +PSW 3X6
141	7-682-948-09	SCREW +PSW 3X8
142	7-682-949-01	SCREW +PSW 3X10
143	7-682-949-09	SCREW +PSW 3X10
144	7-682-950-09	SCREW +PSW 3X12
145	7-683-402-04	BOLT,HEXAGON SOCKET 3X5
146	7-683-418-04	BOLT,HEXAGON SOCKET 4X6
147	7-683-421-04	BOLT,HEXAGON SOCKET 4X12
148	7-684-023-04	N 3, TYPE 2
149	7-685-534-24	SCREW +BTP 2.6X8 TYPE2 N-5
150	7-686-530-01	SCREW, TOTSU PSW 3X12
151	7-688-001-11	W 2, MIDDLE
152	7-688-004-03	W 4, SMALL
153	7-688-004-11	W 4, MIDDLE
154	A-4388-246-A	AUDIO MODULE ASSY
155	4-4388-253-A	MOUNTED PCB, AMPLIFIER, POWER
156	4-4394-208-A	MOUNTED PCB, SUB, PLPS
157	4-4394-233-A	MOUNTED PCB, INVERTOR*** (AEP,UK)
158	4-4396-103-A	MOUNT ASSY, INVERTOR*** (US)
159	A-4409-413-A	COIL ASSY
160	A-4490-067-A	MOTOR COMPLETE ASSY, FAN
161	X-4852-903-0	LEG ASSY
162	X-4870-208-0	KNOB ASSY
163	X-4870-209-0	KNOB ASSY, F
164	X-4870-212-0	SLEEVE (A) ASSY
165	4-870-291-00	LABEL, MODEL NUMBER*** (AEP)
166	1-125-255-00	CAP, ELECT 4700MF 200V (C004)*** (US)
167	4-870-218-00	SHEET, INSULATING (A)*** (US)
168	4-870-239-11	PLATE, TERMINAL, OUTER*** (US)
169	3-426-119-00	WASHER
170	2-259-121-11	SCREW, TR, 3X8
171	4-870-292-00	LABEL, MODEL NUMBER*** (UK)
172	1-551-884-00	POWER CORD*** (UK)
173	3-703-043-21	LABEL, MAIN CAUTION*** (UK)
174	3-701-690-00	LABEL, MADE IN JAPAN*** (UK)

ACCESSORY & PACKING MATERIAL

No.	Part No.	Description
181	3-701-616-00	BAG, POLYETHYLENE
182	3-701-623-00	BAG, POLYETHYLENE
183	3-701-630-00	BAG, POLYETHYLENE
184	3-783-487-11	MANUAL, INSTRUCTION*** (AEP,UK)
185	3-783-487-21	MANUAL, INSTRUCTION*** (US)
186	3-795-091-11	TAG, INSPECTION
187	3-795-097-11	INSTRUCTION*** (AEP,UK)
188	3-795-097-21	INSTRUCTION*** (US)
189	4-870-259-00	LABEL, INDIVIDUAL CARTON
190	4-870-278-00	INDIVIDUAL CARTON
191	4-870-279-00	CUSHION (LEFT)
192	4-870-280-00	CUSHION (RIGHT)
193	7-721-130-20	L-WRENCH (3.0)

ELECTRICAL PARTS

Ref.No.	Part No.	Description		
C201	1-130-208-00	FILM	2.2MF	10%
C204	1-102-114-00	CERAMIC	470PF	10% 50V
C205	1-102-114-00	CERAMIC	470PF	10% 50V
C206	1-123-288-00	ELECT	10MF	20% 16V
C207	1-130-335-00	FILM	0.022MF	5% 630V
C208	1-130-335-00	FILM	0.022MF	5% 630V
C401	1-123-624-00	ELECT	470MF	20% 120V
C402	1-123-624-00	ELECT	470MF	20% 120V
C403	1-131-520-00	TANTALUM	22MF	20% 16V
C404	1-123-624-00	ELECT	470MF	20% 120V
C405	1-123-624-00	ELECT	470MF	20% 120V
C406	1-123-624-00	ELECT	470MF	20% 120V
C407	1-131-520-00	TANTALUM	22MF	20% 16V
C408	1-123-624-00	ELECT	470MF	20% 120V
C409	1-123-624-00	ELECT	470MF	20% 120V
C410	1-123-624-00	ELECT	470MF	20% 120V
C601	1-130-342-00	FILM	0.47MF	20% 300V*** (AEP,UK)
C601	1-130-234-00	FILM	0.047MF	20% 125V*** (US)
C602	1-161-734-00	CERAMIC	0.0022MF	20% 400V*** (AEP,UK)
C603	1-161-734-00	CERAMIC	0.0022MF	20% 400V*** (AEP,UK)
C604	1-161-734-00	CERAMIC	0.0022MF	20% 400V*** (AEP,UK)
C605	1-161-734-00	CERAMIC	0.0022MF	20% 400V*** (AEP,UK)
C701	1-161-746-00	CERAMIC	1000PF	10% 125V*** (US)
C702	1-161-746-00	CERAMIC	1000PF	10% 125V*** (US)
C703	1-130-141-00	MYLAR	0.01MF	20% 630V
C704	1-161-746-00	CERAMIC	1000PF	10% 125V*** (US)
C705	1-161-736-00	CERAMIC	1000PF	10% 125V*** (US)
C706	1-125-257-00	ELECT (BLOCK)	47MF	20% 400V*** (AEP,UK)
C706	1-125-253-00	ELECT	150MF	20% 200V*** (US)
C707	1-108-595-00	MYLAR	0.047MF	5% 50V
C708	1-108-599-00	MYLAR	0.068MF	5% 50V
C709	1-130-358-00	FILM	1.2MF	10% 250V*** (AEP,UK)
C709	1-130-695-00	FILM	2.7MF	10% 100V*** (US)
C710	1-130-358-00	FILM	1.2MF	10% 250V*** (AEP,UK)
C710	1-130-695-00	FILM	2.7MF	10% 100V*** (US)
C711	1-106-383-00	MYLAR	0.047MF	5% 200V
C712	1-161-736-00	CERAMIC	470PF	20% 400V*** (AEP,UK)
C713	1-161-736-00	CERAMIC	470PF	20% 400V*** (AEP,UK)
C714	1-161-736-00	CERAMIC	470PF	20% 400V*** (AEP,UK)
C715	1-161-736-00	CERAMIC	470PF	20% 400V*** (AEP,UK)
C802	1-123-379-00	ELECT	0.47MF	20% 100V
C803	1-131-450-00	TANTALUM	1MF	20% 35V
C804	1-130-305-00	FILM	0.022MF	5% 100V
C805	1-123-623-00	ELECT	330MF	20% 120V
C807	1-123-413-	ELECT	47MF	20% 50V
C810	1-130-305-00	FILM	0.022MF	5% 100V
C811	1-123-623-00	ELECT	330MF	20% 120V
C812	1-123-230-00	ELECT	2.2MF	20% 50V
C813	1-123-230-00	ELECT	2.2MF	20% 50V
C814	1-123-230-00	ELECT	2.2MF	20% 50V

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- Due to standardization, parts with part numbers (Δ-ΔΔΔ-ΔΔΔ-XX or Δ-ΔΔΔΔ-ΔΔΔ-X) may be different from those used in the set.

CAPACITORS:

- All capacitors are in μF. Common capacitors are omitted. Refer to the following lists for their part numbers. MF:μF, PF:μμF.

RESISTORS

- All resistors are in ohms. Common 1/4W, 1/8W and 1/16W carbon resistors are omitted. Refer to the following lists for their part numbers.

- F : nonflammable

COILS

- MMH : mH, UH : μH

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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ELECTRICAL PARTS

Ref.No.	Part No.	Description					
R204	1-214-935-00	METAL	820K	1%	1/2W		
R205	△ 1-212-998-00	FUSIBLE	470	5%	1/2W	F	
R206	△ 1-212-990-00	FUSIBLE	220	5%	1/2W	F	
R207	△ 1-212-990-00	FUSIBLE	220	5%	1/2W	F	
R208	1-214-866-00	METAL	1.2K	1%	1/2W		
R210	△ 1-212-970-00	FUSIBLE	33	5%	1/2W	F	
R211	△ 1-212-970-00	FUSIBLE	33	5%	1/2W	F	
R212	1-214-172-00	METAL	47K	1%	1/4W		
R213	1-214-156-00	METAL	10K	1%	1/4W		
R214	1-214-156-00	METAL	10K	1%	1/4W		
R215	1-214-156-00	METAL	10K	1%	1/4W		
R216	1-214-929-00	METAL	470K	1%	1/2W		
R217	△ 1-212-990-00	FUSIBLE	220	5%	1/2W	F	
R218	△ 1-212-990-00	FUSIBLE	220	5%	1/2W	F	
R219	△ 1-212-998-00	FUSIBLE	470	5%	1/2W	F	
R220	1-214-888-00	METAL	10K	1%	1/2W		
R221	1-214-935-00	METAL	820K	1%	1/2W		
R222	1-214-866-00	METAL	1.2K	1%	1/2W		
R223	1-214-156-00	METAL	10K	1%	1/4W		
R224	1-214-859-00	METAL	620	1%	1/2W		
R225	1-214-859-00	METAL	620	1%	1/2W		
R226	1-214-872-00	METAL	2.2K	1%	1/2W		
R227	1-214-872-00	METAL	2.2K	1%	1/2W		
R228	1-217-582-00	WIREWOUND	8.2	10%	5W		
R229	1-217-582-00	WIREWOUND	8.2	10%	5W		
R230	1-214-876-00	METAL	3.3K	1%	1/2W		
R231	△ 1-212-982-00	FUSIBLE	100	5%	1/2W	F	
R232	△ 1-212-982-00	FUSIBLE	100	5%	1/2W	F	
R233	△ 1-212-982-00	FUSIBLE	100	5%	1/2W	F	
R234	△ 1-212-982-00	FUSIBLE	100	5%	1/2W	F	
R235	1-214-856-00	METAL	470	1%	1/2W		
R236	1-214-856-00	METAL	470	1%	1/2W		
R237	△ 1-212-970-00	FUSIBLE	33	5%	1/2W	F	
R238	△ 1-212-970-00	FUSIBLE	33	5%	1/2W	F	
R239	△ 1-212-970-00	FUSIBLE	33	5%	1/2W	F	
R240	△ 1-212-970-00	FUSIBLE	33	5%	1/2W	F	
R241	△ 1-212-970-00	FUSIBLE	33	5%	1/2W	F	
R242	△ 1-212-970-00	FUSIBLE	33	5%	1/2W	F	
R243	△ 1-212-970-00	FUSIBLE	33	5%	1/2W	F	
R244	△ 1-212-970-00	FUSIBLE	33	5%	1/2W	F	
R245	△ 1-212-966-00	FUSIBLE	22	5%	1/2W	F	
R246	△ 1-212-966-00	FUSIBLE	22	5%	1/2W	F	
R247	△ 1-212-966-00	FUSIBLE	22	5%	1/2W	F	
R248	△ 1-212-966-00	FUSIBLE	22	5%	1/2W	F	
R249	△ 1-212-966-00	FUSIBLE	22	5%	1/2W	F	
R250	△ 1-212-966-00	FUSIBLE	22	5%	1/2W	F	
R251	△ 1-212-966-00	FUSIBLE	22	5%	1/2W	F	
R252	△ 1-212-966-00	FUSIBLE	22	5%	1/2W	F	
R253	1-217-156-00	METAL PLATE	0.22	10%	5W		
R254	1-217-156-00	METAL PLATE	0.22	10%	5W		

ELECTRICAL PARTS

Ref.No.	Part No.	Description					
R255	1-217-156-00	METAL PLATE	0.22	10%	5W		
R256	1-217-156-00	METAL PLATE	0.22	10%	5W		
R257	1-217-156-00	METAL PLATE	0.22	10%	5W		
R258	1-217-156-00	METAL PLATE	0.22	10%	5W		
R259	1-217-156-00	METAL PLATE	0.22	10%	5W		
R260	1-217-156-00	METAL PLATE	0.22	10%	5W		
R261	1-217-156-00	METAL PLATE	0.22	10%	5W		
R262	1-217-156-00	METAL PLATE	0.22	10%	5W		
R263	1-217-156-00	METAL PLATE	0.22	10%	5W		
R264	1-217-156-00	METAL PLATE	0.22	10%	5W		
R265	1-217-156-00	METAL PLATE	0.22	10%	5W		
R266	1-217-156-00	METAL PLATE	0.22	10%	5W		
R267	1-217-156-00	METAL PLATE	0.22	10%	5W		
R268	1-217-156-00	METAL PLATE	0.22	10%	5W		
R269	1-214-876-00	METAL	3.3K	1%	1/2W		
R270	1-214-787-00	METAL	270K	1%	1/4W		
R271	1-214-787-00	METAL	270K	1%	1/4W		
R272	1-214-113-00	METAL	160	1%	1/4W		
R273	1-214-113-00	METAL	160	1%	1/4W		
R301	1-214-116-00	METAL	220	1%	1/4W		
R302	1-214-132-00	METAL	1K	1%	1/4W		
R303	1-214-120-00	METAL	330	1%	1/4W		
R304	1-214-120-00	METAL	330	1%	1/4W		
R305	1-214-108-00	METAL	100	1%	1/4W		
R306	1-214-108-00	METAL	100	1%	1/4W		
R307	1-214-174-00	METAL	56K	1%	1/4W		
R308	1-214-180-00	METAL	100K	1%	1/4W		
R309	1-214-132-00	METAL	1K	1%	1/4W		
R310	1-214-120-00	METAL	330	1%	1/4W		
R311	1-214-120-00	METAL	330	1%	1/4W		
R312	1-214-108-00	METAL	100	1%	1/4W		
R313	1-214-108-00	METAL	100	1%	1/4W		
R314	1-214-174-00	METAL	56K	1%	1/4W		
R315	1-214-180-00	METAL	100K	1%	1/4W		
R316	1-214-124-00	METAL	470	1%	1/4W		
R401	1-214-905-00	METAL	47K	1%	1/2W		
R402	1-214-878-00	METAL	3.9K	1%	1/2W		
R403	1-214-128-00	METAL	680	1%	1/4W		
R404	1-214-128-00	METAL	680	1%	1/4W		
R405	1-214-168-00	METAL	33K	1%	1/4W		
R406	1-214-096-00	METAL	33	1%	1/4W		
R407	1-214-905-00	METAL	47K	1%	1/2W		
R408	1-214-878-00	METAL	3.9K	1%	1/2W		
R409	1-214-128-00	METAL	680	1%	1/4W		
R410	1-214-128-00	METAL	680	1%	1/4W		
R411	1-214-168-00	METAL	33K	1%	1/4W		
R412	1-214-096-00	METAL	33	1%	1/4W		
R413	1-214-132-00	METAL	1K	1%	1/4W		
R414	1-214-132-00	METAL	1K	1%	1/4W		
R415	△ 1-212-948-00	FUSIBLE	3.9	5%	1/2W	F	

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- Due to standardization, parts with part numbers (△-△△△-△△△-XX or △-△△△△-△△△-X) may be different from those used in the set.

CAPACITORS:

- All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers. MF: μF , PF: μF .

RESISTORS

- All resistors are in ohms. Common 1/4W, 1/8W and 1/16W carbon resistors are omitted. Refer to the following lists for their part numbers.

F : nonflammable

COILS

- MMH : mH, UH : μH

The components identified by shading and mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description				
R416	△-1-212-948-00	FUSIBLE	3.9	5%	1/2W	F
R501	1-214-160-00	METAL	15K	1%	1/4W	
R502	1-214-154-00	METAL	8.2K	1%	1/4W	
R503	1-214-170-00	METAL	39K	1%	1/4W	
R504	1-214-180-00	METAL	100K	1%	1/4W	
R505	1-214-160-00	METAL	15K	1%	1/4W	
R506	1-214-156-00	METAL	10K	1%	1/4W	
R507	1-214-178-00	METAL	82K	1%	1/4W	
R508	1-214-178-00	METAL	82K	1%	1/4W	
R509	1-214-170-00	METAL	39K	1%	1/4W	
R510	1-214-172-00	METAL	47K	1%	1/4W	
R511	1-214-154-00	METAL	8.2K	1%	1/4W	
R512	1-214-118-00	METAL	270	1%	1/4W	
R513	1-214-118-00	METAL	270	1%	1/4W	
R514	1-214-118-00	METAL	270	1%	1/4W	
R515	1-214-118-00	METAL	270	1%	1/4W	
R516	1-214-178-00	METAL	82K	1%	1/4W	
R517	1-214-178-00	METAL	82K	1%	1/4W	
R518	1-214-108-00	METAL	100	1%	1/4W	
R519	1-214-110-00	METAL	120	1%	1/4W	
R520	1-214-156-00	METAL	10K	1%	1/4W	
R521	1-214-148-00	METAL	4.7K	1%	1/4W	
R522	1-214-156-00	METAL	10K	1%	1/4W	
R523	1-214-156-00	METAL	10K	1%	1/4W	
R526	1-214-136-00	METAL	1.5K	1%	1/4W	
R527	1-214-136-00	METAL	1.5K	1%	1/4W	
R529	1-214-156-00	METAL	10K	1%	1/4W	
R530	1-214-156-00	METAL	10K	1%	1/4W	
R531	1-214-156-00	METAL	10K	1%	1/4W	
R532	1-214-164-00	METAL	22K	1%	1/4W	
R533	1-214-172-00	METAL	47K	1%	1/4W	
R534	1-214-156-00	METAL	10K	1%	1/4W	
R535	1-214-132-00	METAL	1K	1%	1/4W	
R536	1-214-132-00	METAL	1K	1%	1/4W	
R537	1-214-172-00	METAL	47K	1%	1/4W	
R538	1-214-132-00	METAL	1K	1%	1/4W	
R541	1-214-152-00	METAL	6.8K	1%	1/4W	
R542	1-214-152-00	METAL	6.8K	1%	1/4W	
R543	1-214-156-00	METAL	10K	1%	1/4W	
R544	1-214-156-00	METAL	10K	1%	1/4W	
R545	1-214-156-00	METAL	10K	1%	1/4W	
R546	1-214-156-00	METAL	10K	1%	1/4W	
R601	△-1-206-694-00	METAL	18K	5%	2W	F *** (AEP, UK)
R601	△-1-206-688-00	METAL	10K	5%	2W	F *** (US)
R602	△-1-217-609-00	WIREWOUND	15	10%	20W	*** (AEP, UK)
R602	△-1-217-608-00	WIREWOUND	6.8	10%	20W	*** (US)
R701	△-1-214-164-00	METAL	22K	1%	1/4W	
R702	△-1-214-128-00	METAL	680	1%	1/4W	
R703	△-1-214-148-00	METAL	4.7K	1%	1/4W	
R704	△-1-214-156-00	METAL	10K	1%	1/4W	

ELECTRICAL PARTS

Ref.No.	Part No.	Description				
R705	△-1-214-784-00	METAL	200K	1%	1/4W	*** (AEP, UK)
R705	△-1-214-913-00	METAL	100K	1%	1/2W	*** (US)
R706	△-1-206-467-00	METAL	15	5%	2W	F *** (AEP, UK)
R706	△-1-206-463-00	METAL	10	5%	2W	F *** (US)
R801	1-214-164-00	METAL	22K	1%	1/4W	
R803	1-214-124-00	METAL	470	1%	1/4W	
R804	1-214-124-00	METAL	470	1%	1/4W	
R806	1-214-124-00	METAL	470	1%	1/4W	
R807	1-214-164-00	METAL	22K	1%	1/4W	
R808	△-1-247-079-00	CARBON	4.7	5%	1/4W	F
R809	1-214-100-00	METAL	47	1%	1/4W	
R810	1-214-927-00	METAL	390K	1%	1/2W	
R811	1-214-885-00	METAL	7.5K	1%	1/2W	
R812	1-214-885-00	METAL	7.5K	1%	1/2W	
R814	1-214-124-00	METAL	470	1%	1/4W	
R815	1-214-124-00	METAL	470	1%	1/4W	
R817	1-214-124-00	METAL	470	1%	1/4W	
R818	1-214-164-00	METAL	22K	1%	1/4W	
R819	△-1-247-079-00	CARBON	4.7	5%	1/4W	F
R820	1-214-100-00	METAL	47	1%	1/4W	
R821	1-214-164-00	METAL	22K	1%	1/4W	
R822	1-214-925-00	METAL	330K	1%	1/2W	
R823	1-214-885-00	METAL	7.5K	1%	1/2W	
R824	1-214-885-00	METAL	7.5K	1%	1/2W	
RT101	1-226-149-11	RES, ADJ, METAL FILM	100			
RT201	1-228-101-00	RES, ADJ, METAL FILM	10K			
RT301	1-224-490-00	RES, ADJ, METAL FILM	4.7K			
RT302	1-224-660-00	RES, ADJ, METAL FILM	1K			
RT801	1-226-828-00	RES, ADJ, METAL FILM	1K			
RT802	1-226-828-00	RES, ADJ, METAL FILM	1K			
RY201	1-515-356-00	RELAY				
RY601	△-1-515-367-00	RELAY				
TZ01	△-1-543-100-00	CORE				

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- Items marked "▲" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part numbers (△-△△△-△△△-XX or △-△△△△-△△△-X) may be different from those used in the set.

CAPACITORS:

- All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers.
MF: μF , PF: $\mu\mu\text{F}$.

RESISTORS

- All resistors are in ohms. Common 1/4W, 1/8W and 1/16W carbon resistors are omitted. Refer to the following lists for their part numbers.

- F : nonflammable

COILS

- MMH : mH, UH : μH

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTROLYTIC CAPACITORS

CAP. (μF)	RATING → : Use the high voltage rated one.					
	6.3 VOLT.	10 VOLT.	16 VOLT.	25 VOLT.	35 VOLT.	50 VOLT.
	PART No.	PART No.	PART No.	PART No.	PART No.	PART No.
0.47						1-121-726-00
1.0						1-121-391-00
2.2						1-121-450-00
3.3	→	→	→	1-121-392-00		1-121-393-00
4.7	→	→	→	1-121-395-00		1-121-396-00
10	→	→	1-121-651-00	1-121-398-00	→	1-121-738-00
22	→	→	1-121-479-00	1-121-480-00	1-121-662-00	1-121-152-00
33	→	→	1-121-403-00	1-121-404-00	1-121-652-00	1-121-405-00
47	→	1-121-352-00	1-121-409-00	1-121-410-00	1-121-653-00	1-121-411-00
100	→	1-121-414-00	1-121-415-00	1-121-416-00	1-121-357-00	1-121-417-00
220	1-121-417-00	1-121-420-00	1-121-421-00	1-121-422-00	1-121-261-00	1-121-423-00
330	1-121-751-00	1-121-805-00	1-121-521-00	1-121-654-00	1-121-655-00	1-121-656-00
470	1-121-424-00	1-121-425-00	1-121-426-00	1-121-733-00	1-121-361-00	1-121-810-00
1000	-	1-121-736-00	1-121-245-00	1-121-657-00	1-121-388-00	1-123-061-00
2200	1-121-658-00	1-121-659-00	1-121-660-00	1-123-067-00	1-121-984-00	-
3300	1-121-661-00	1-123-075-00	1-123-071-00	-	-	-

CAP. (μF)	100 VOLT.	160 VOLT.	250 VOLT.	350 VOLT.
	PART No.	PART No.	PART No.	PART No.
0.47	-	-	-	-
1.0	1-123-249-00	1-123-252-00	1-123-003-00	1-121-168-00
2.2	1-123-250-00	1-123-026-00	-	1-123-028-00
3.3	1-121-995-00	-	1-123-004-00	1-123-006-00
4.7	1-123-255-00	1-121-246-00	1-121-759-00	1-123-007-00
10	1-121-126-00	1-121-999-00	1-123-254-00	1-123-008-00
22	1-121-996-00	1-123-253-00	1-123-005-00	1-123-022-00
33	1-121-997-00	1-121-757-00	-	-
47	1-123-251-00	1-121-919-00	-	-
100	1-123-084-00	-	-	-

CERAMIC CAPACITORS

CAP. (pF)	RATING						
	50 VOLT.	CAP. (pF)	50 VOLT.	CAP. (pF)	50 VOLT.	CAP. (μF)	50 VOLT.
	PART No.		PART No.		PART No.		PART No.
0.5	1-101-837-00	22	1-102-959-00	150	1-101-361-00	0.001	1-102-074-00
0.75	1-101-586-00	24	1-102-960-00	160	1-101-367-00	0.0012	1-102-118-00
1.0	1-102-934-00	27	1-102-961-00	180	1-102-976-00	0.0015	1-102-119-00
1.5	1-101-576-00	30	1-102-962-00	200	1-102-977-00	0.0018	1-102-120-00
2.0	1-102-935-00	33	1-102-963-00	220	1-102-978-00	0.0022	1-102-121-00
3	1-102-936-00	36	1-102-964-00	240	1-102-979-00	0.0027	1-102-122-00
4	1-102-937-00	39	1-102-965-00	270	1-102-980-00	0.0033	1-102-123-00
5	1-102-942-00	43	1-102-966-00	300	1-102-981-00	0.0039	1-102-124-00
6	1-102-943-00	47	1-101-880-00	330	1-102-820-00	0.0047	1-102-125-00
7	1-102-944-00	51	1-101-882-00	360	1-102-821-00	0.0056	1-102-126-00
8	1-102-945-00	56	1-101-884-00	390	1-102-822-00	0.0068	1-102-127-00
9	1-102-946-00	62	1-101-886-00	430	1-102-823-00	0.0082	1-102-128-00
10	1-102-947-00	68	1-101-888-00	470	1-102-824-00	0.01	1-102-129-00
11	1-102-948-00	75	1-101-890-00	510	1-101-059-00	0.022	1-101-005-00
12	1-102-949-00	82	1-102-971-00	560	1-102-115-00	0.047	1-101-006-00
13	1-102-950-00	91	1-102-972-00	680	1-102-116-00		
15	1-102-951-00	100	1-102-973-00	820	1-102-117-00		
16	1-102-952-00	110	1-102-815-00				
18	1-102-953-00	120	1-102-816-00				
20	1-102-958-00	130	1-101-081-00				

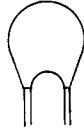
0.001μF = 1,000pF

CERAMIC (SEMICONDUCTOR) CAPACITORS

CAP. (μF)	RATING → : Use the high voltage rated one.				
	25 VOLT.	50 VOLT.	CAP. (μF)	25 VOLT.	50 VOLT.
	PART No.	PART No.		PART No.	PART No.
0.001	→	1-161-039-00	0.018	1-161-016-00	1-161-054-00
0.0012	→	1-161-040-00	0.022	1-161-017-00	1-161-055-00
0.0015		1-161-041-00	0.027	1-161-018-00	1-161-056-00
0.0018		1-161-042-00	0.033	1-161-019-00	1-161-057-00
0.0022		1-161-043-00	0.039	1-161-010-00	1-161-058-00
0.0027	→	1-161-044-00	0.047	1-161-021-00	1-161-059-00
0.0033	→	1-161-045-00	0.056	→	1-161-060-00
0.0039	→	1-161-046-00	0.068	→	1-161-061-00
0.0047	→	1-161-047-00	0.082	1-161-024-00	1-161-062-00
0.0056	→	1-161-048-00	0.1	1-161-025-00	1-161-063-00
0.0068	→	1-161-049-00			
0.0082	1-161-012-00	1-161-050-00			
0.01	1-161-013-00	1-161-051-00			
0.012	→	1-161-052-00			
0.015	1-161-015-00	1-161-053-00			

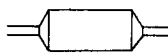
MYLAR CAPACITORS

CAP. (μF)	RATING			CAP. (μF)	RATING			CAP. (μF)	RATING		
	50 VOLT.	100 VOLT.	200 VOLT.		50 VOLT.	100 VOLT.	200 VOLT.		50 VOLT.	100 VOLT.	200 VOLT.
	PART No.	PART No.	PART No.		PART No.	PART No.	PART No.		PART No.	PART No.	PART No.
0.001	1-108-227-00	1-108-365-00	1-108-409-00	0.01	1-108-239-00	1-108-377-00	1-108-421-00	0.1	1-108-251-00	1-108-389-00	1-108-433-00
0.0012	1-108-351-00	1-108-366-00	1-108-410-00	0.012	1-108-357-00	1-108-378-00	1-108-422-00	0.12	1-108-363-00	1-108-390-00	1-108-434-00
0.0015	1-108-228-00	1-108-367-00	1-108-411-00	0.015	1-108-240-00	1-108-379-00	1-108-423-00	0.15	1-108-252-00	1-108-391-00	1-108-435-00
0.0018	1-108-352-00	1-108-368-00	1-108-412-00	0.018	1-108-358-00	1-108-380-00	1-108-424-00	0.18	1-108-364-00	1-108-392-00	1-108-436-00
0.0022	1-108-230-00	1-108-369-00	1-108-413-00	0.022	1-108-242-00	1-108-381-00	1-108-425-00	0.22	1-108-254-00	1-108-393-00	1-108-437-00
0.0027	1-108-353-00	1-108-370-00	1-108-414-00	0.027	1-108-359-00	1-108-382-00	1-108-426-00	0.27	1-108-854-00	-	-
0.0033	1-108-232-00	1-108-371-00	1-108-415-00	0.033	1-108-244-00	1-108-383-00	1-108-427-00	0.33	1-108-855-00	-	-
0.0039	1-108-354-00	1-108-372-00	1-108-416-00	0.039	1-108-360-00	1-108-384-00	1-108-428-00	0.39	1-108-856-00	-	-
0.0047	1-108-234-00	1-108-373-00	1-108-417-00	0.047	1-108-246-00	1-108-385-00	1-108-429-00	0.47	1-108-857-00	-	-
0.0056	1-108-355-00	1-108-374-00	1-108-418-00	0.056	1-108-361-00	1-108-386-00	1-108-430-00				
0.0068	1-108-237-00	1-108-375-00	1-108-419-00	0.068	1-108-249-00	1-108-387-00	1-108-431-00				
0.0082	1-108-356-00	1-108-376-00	1-108-420-00	0.082	1-108-362-00	1-108-388-00	1-108-432-00				



TANTALUM CAPACITORS

CAP. (μF)	RATING						PART No.
	3.15 VOLT.	6.3 VOLT.	10 VOLT.	16 VOLT.	20 VOLT.	25 VOLT.	
	PART No.	PART No.	PART No.	PART No.	PART No.	PART No.	
0.01					→	→	1-131-396-00
0.015						→	1-131-397-00
0.022						→	1-131-398-00
0.033						→	1-131-399-00
0.047						→	1-131-400-00
0.068					→	→	1-131-401-00
0.1					→	→	1-131-402-00
0.15					→	→	1-131-403-00
0.22					→	→	1-131-404-00
0.33					→	1-131-409-00	1-131-405-00
0.47	-	-	-	-	1-131-412-00	→	1-131-406-00
0.68	-	-	-	1-131-415-00	→	1-131-410-00	1-131-407-00
1.0	-	-	1-131-418-00	-	1-131-413-00	→	1-131-408-00
1.5	-	1-131-421-00	-	1-131-416-00	→	1-131-411-00	1-131-348-00
2.2	1-131-424-00	-	1-131-419-00	-	1-131-414-00	1-131-355-00	1-131-349-00
3.3	-	1-131-422-00	-	1-131-417-00	1-131-362-00	1-131-356-00	1-131-350-00
4.7	1-131-425-00	-	1-131-420-00	1-131-369-00	1-131-363-00	1-131-357-00	1-131-351-00
6.8	-	1-131-423-00	1-131-376-00	1-131-370-00	1-131-364-00	1-131-358-00	1-131-352-00
10	1-131-426-00	1-131-383-00	1-131-377-00	1-131-371-00	1-131-365-00	1-131-359-00	1-131-353-00
15	1-131-390-00	1-131-384-00	1-131-378-00	1-131-372-00	1-131-366-00	1-131-360-00	-
22	1-131-391-00	1-131-385-00	1-131-379-00	1-131-373-00	1-131-367-00		
33	1-131-392-00	1-131-386-00	1-131-380-00	1-131-374-00			
47	1-131-393-00	1-131-387-00	1-131-381-00				
68	1-131-394-00	1-131-388-00	-	-			
100	1-131-395-00	-	-	-			



TANTALUM CAPACITORS

CAP. (μF)	RATING					
	3 VOLT.	6.3 VOLT.	10 VOLT.	16 VOLT.	20 VOLT.	35 VOLT.
	PART No.	PART No.	PART No.	PART No.	PART No.	PART No.
0.033						1-131-273-00
0.047						1-131-274-00
0.068						1-131-275-00
0.1						1-131-276-00
0.15						1-131-277-00
0.22					1-131-262-00	1-131-278-00
0.33					1-131-263-00	1-131-279-00
0.47			1-131-169-00		1-131-264-00	1-131-280-00
0.68				1-131-258-00	1-131-265-00	1-131-281-00
1.0			1-131-254-00		1-131-266-00	1-131-282-00
1.5		1-131-250-00			1-131-267-00	1-131-283-00
2.2				1-131-259-00	1-131-268-00	1-131-284-00
3.3			1-131-255-00		1-131-269-00	-
4.7		1-131-251-00	1-131-171-00		1-131-270-00	-
6.8				1-131-260-00	1-131-271-00	-
10			1-131-256-00		1-131-272-00	-
15		1-131-252-00		1-131-261-00		-
22			1-131-257-00			-
33	1-131-176-00	1-131-253-00	1-131-173-00			-
47	1-131-288-00	1-131-174-00				-
100	1-131-177-00					-

DIMENSIONS AND PART NO. OF PRECISION SCREWS

 ⊕ K (Flat-countersunk-head screw)				 ⊕ P (Pan-head screw)				
Type	Size (mm) (d × L)	Part No.		Type	Size (mm) (d × L)	Part No.		
		Black	Silver			Black	Silver	
Type 1	K1.4 × 1.6	7-627-451-08	7-627-451-07	Type 1	P1.4 × 1.4	7-627-551-08	7-627-551-47	
	K1.4 × 1.8	7-627-451-38	7-627-451-37		P1.4 × 1.6		7-627-551-07	
	K1.4 × 2		7-627-451-18		7-627-451-17		P1.4 × 1.8	7-627-551-17
	K1.4 × 2.2				P1.4 × 2	7-627-551-28	7-627-551-27	
	K1.4 × 2.5	7-627-451-28	7-627-451-27		P1.4 × 2.5		7-627-551-88	
	K1.4 × 2.8		7-627-451-78		7-627-451-47		P1.4 × 2.8	7-627-551-58
	K1.4 × 3	7-627-451-78			7-627-451-77		P1.4 × 3	7-627-551-57
	K1.4 × 3.5				7-627-451-78		7-627-451-77	P1.4 × 3.5
	K1.4 × 4	7-627-451-78	7-627-451-77			P1.4 × 4		7-627-551-78
	K1.4 × 4.5				7-627-451-78	7-627-451-77	P1.4 × 4.5	7-627-551-38
	K1.4 × 5	7-627-451-78	7-627-451-77				P1.4 × 5	
	K1.7 × 1.8				7-627-450-78	/	/	P1.7 × 1.6
	K1.7 × 2	7-627-552-28	7-627-552-07					
	K1.7 × 2.2		7-627-552-08					7-627-552-37
K1.7 × 2.5	7-627-552-38			7-627-552-37				
K1.7 × 2.8		7-627-552-78	7-627-552-47					
K1.7 × 3	7-627-552-48		7-627-552-67					
K1.7 × 3.5		7-627-552-58	7-627-552-57					
K1.7 × 4	7-627-552-58			7-627-552-57				
K1.7 × 4.5		7-627-552-58	7-627-552-57					
K1.7 × 5	7-627-552-58			7-627-552-57				
K1.7 × 5.5		7-627-552-58	7-627-552-57					
K1.7 × 6	7-627-552-58			7-627-552-57				
K2 × 2		7-627-452-08	7-627-452-07		Type 1	P2 × 1.8	7-627-553-18	7-627-553-17
K2 × 2.2	7-627-452-18	7-627-452-17	P2 × 2	7-627-554-07				
K2 × 2.5		7-627-452-18	7-627-452-17	P2 × 2.5		7-627-553-27		
K2 × 2.8			7-627-452-28	7-627-452-17		P2 × 2.8	7-627-553-38	7-627-553-37
K2 × 3	7-627-452-38	7-627-452-17				P2 × 3		7-627-554-17
K2 × 3.5			7-627-452-38	7-627-452-17		P2 × 3.5		7-627-553-47
K2 × 4						7-627-452-38		7-627-452-17
K2 × 4.5	7-627-452-38	7-627-452-17	P2 × 4.5	7-627-553-67				
K2 × 5			7-627-452-38	7-627-452-17		P2 × 5	7-627-553-88	7-627-553-87
K2 × 5.5	7-627-452-38	7-627-452-17				P2 × 5.5		7-627-553-97
K2 × 6			7-627-452-38	7-627-452-17		P2 × 6		7-627-553-77
K2 × 7	7-627-452-38	7-627-452-17				P2 × 7		7-627-553-98
K2 × 8			7-627-452-38	7-627-452-17		P2 × 8		
K2 × 8	7-627-452-38	7-627-452-17				P2 × 10	7-627-553-78	7-627-553-77
Type 3			P1.4 × 1.4	7-627-850-08	7-627-850-37			
	P1.4 × 1.6	7-627-850-47						
	P1.4 × 1.8	7-627-850-77						
	P1.4 × 2	7-627-850-07						
	P1.4 × 2.2	7-627-850-18	7-627-850-17					
	P1.4 × 2.5		7-627-850-28	7-627-850-27				
	P1.4 × 2.8			7-627-850-58	7-627-850-57			
	P1.4 × 3				7-627-850-67			
	P1.4 × 3.5		7-627-850-68	7-627-850-67				
	P1.4 × 4	7-627-850-68			7-627-850-67			
P1.4 × 4.5	7-627-850-68		7-627-850-67					
P1.4 × 5		7-627-850-68		7-627-850-67				
Type 3	P1.4 × 4.5		7-627-851-17		7-627-851-17			
	P1.4 × 5	7-627-851-27						

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
US Model
Canadian Model
AEP Model
UK Model


CORRECTION-1

File this correction with the service manual.

 : Corrected portions.

Page	Incorrect				Correct			
	No.	Part No.	Description		Part No.	Description		
36	Q202	8-769-663-47	TRANSISTOR	2SC1364	8-729-600-27	TRANSISTOR	2SC634SP	
	Q203	8-769-663-47	TRANSISTOR	2SC1364	8-729-600-27	TRANSISTOR	2SC634SP	
	Q204	8-769-663-47	TRANSISTOR	2SC1364	8-729-600-27	TRANSISTOR	2SC634SP	
	Q501	8-769-663-47	TRANSISTOR	2SC1364	8-729-600-27	TRANSISTOR	2SC634SP	
	Q502	8-769-663-47	TRANSISTOR	2SC1364	8-729-600-27	TRANSISTOR	2SC634SP	
	Q504	8-769-663-47	TRANSISTOR	2SC1364	8-729-600-27	TRANSISTOR	2SC634SP	
	Q505	8-769-663-47	TRANSISTOR	2SC1364	8-729-600-27	TRANSISTOR	2SC634SP	
	Q507	8-769-663-47	TRANSISTOR	2SC1364	8-729-600-27	TRANSISTOR	2SC634SP	
	Q508	8-769-663-47	TRANSISTOR	2SC1364	8-729-600-27	TRANSISTOR	2SC634SP	
	Q702	 8-729-663-47	TRANSISTOR	2SC1364	 8-729-600-27	TRANSISTOR	2SC634SP	
	Q813	8-729-663-47	TRANSISTOR	2SC1364	8-729-600-27	TRANSISTOR	2SC634SP	
	Q814	8-729-663-47	TRANSISTOR	2SC1364	8-729-600-27	TRANSISTOR	2SC634SP	

Note:
The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

Note:
Les composants identifiés par une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.