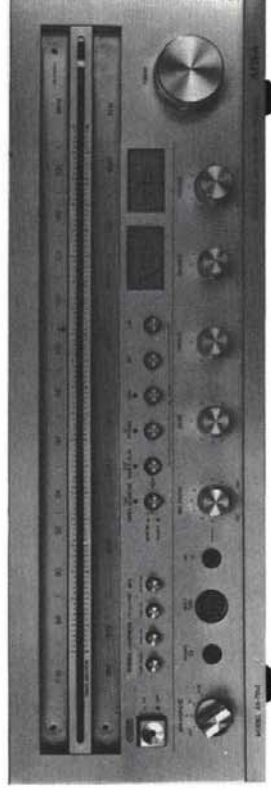


FM/AM STEREO RECEIVER

MODEL AX-7550^{EE}

AIWA[®]

SERVICE MANUAL



Set using ISO screws

DATE OF ISSUE 25/8/1976

SPECIFICATIONS

Semiconductors	1 FET, 1 IC, 64 transistors, 40 diodes, 8 LED	Frequency Response (Input with respect to REC jacks) PHONO (RIAA Curve) AUX & TAPE PLAY Tone Controls	30 Hz—15 kHz ± 0.3 dB 10 Hz—70 kHz 100 Hz ± 10 dB (BASS) 10 kHz ± 10 dB (TREBLE)
Power Supply	AC 120 V/220 V/240 V Switchable 50/60 Hz 190 W	Loudness Response (with volume at -40 dB)	+8 dB (100 Hz), +4 dB (10 kHz)
Power Consumption	160 (H) x 450 (W) x 360 (D) mm	S/N (IHF)	More than 75 dB More than 80 dB More than 90 dB More than 70 dB
External Dimensions	11 kg	PHONO AUX, TAPE PLAY 2 TAPE PLAY 1 MIC	
Weight		FM Tuner	87.5 MHz—108 MHz 1.8 μ V 1.2 dB
Power Amplifier Circuit System	Differential 1st stage all stages direct coupled pure complementary OCL	Receiving Frequency Range	60 dB 70 dB
Effective Output	30 W + 30 W (8 ohms), 33 W + 33 W (4 ohms)	Sensitivity (IHF)	20 Hz—15 kHz 0.4% (stereo), 0.24% (mono)
20 Hz — 20 kHz both channels driven	33 W + 33 W (8 ohms), 36 W + 36 W (4 ohms)	Capture Ratio (IHF)	43 dB (at 1 kHz)
1 kHz both channels driven	0.2%	Effective Selectivity (IHF ± 400 kHz)	60 dB 70 dB
Harmonic Distortion (at effective output)	0.2%	SN Ratio	Less than 28 dB
Intermodulation Distortion (at effective output)	10 Hz — 50 kHz (0.2% distortion) 90 W (8-ohms) A, B, A + B, OFF 8 ohms (4 ohms — 20 ohms) 50 (1 kHz 8 ohms)	Frequency Response	300 ohms (balanced), 75 ohms (unbalanced)
Output Bandwidth (IHF, both channels driven)	Less than 0.5 mV	Distortion	80 dB
Dynamic Power		Separation	55 dB
Output Terminals SPEAKERS HEADPHONES		Image Ratio	65 dB
Damping Factor		IF rejection Ratio	10.7 MHz
Residual Noise (8 ohms pre + main)		Spurious Radiation	20 dB
Preamplifier Circuit System		Antenna Input Impedance	
Equalizer Amplifier		Spurious Rejection	
Control Amplifier		AM Suppression	
Buffer Amplifier		Subcarrier Suppression	
Input Terminals (Sensitivity/Impedance)		IF Frequency	
PHONO	+ , — dual power supply 2 stage differential amplifier + emitter follower NF type	Muting Level	
PHONO Max. Rated Input MIC	+ , — dual power supply 2 stage direct coupled type + CR controls	AM Tuner	
PIN Jacks (AUX, TAPE PLAY 1 & 2) DIN Jacks (TAPE PLAY 1 & 2)	+ , — dual power supply 2 stage direct coupled type	Receiving Frequency Range	525—1,605 kHz 300 μ V/m (built-in bar antenna)
Output Terminals (Level/Impedance)	2.5 mV/50 kohms 200 mV/560 mV (rms/pp) 1 mV/5 kohms (200 ohms — 50 kohms impedance)	Sensitivity (IHF)	15 μ V (external antenna terminal) 30 dB 1% 40 dB 140 mm x 10 mm dia. (ferrite bar antenna)
PIN Jacks (TAPE REC 1 & 2) DIN Jacks (TAPE REC 1 & 2)	150 mV/50 kohms 150 mV/50 kohms	Selectivity	Unbalanced 40 dB 50 dB 455 kHz
Output Terminals (TAPE REC 1 & 2)	150 mV/more than 50 kohms 30 mV/80 kohms	Distortion	
		IF Rejection	
		Built-in Antenna	
		External Antenna Terminal	
		Image Ratio	
		SN Ratio	
		IF Frequency	

• External appearance and specifications are subject to change without notice due to product improvements.

DISASSEMBLY INSTRUCTIONS

1. To Remove Bottom Cover

- 1) Remove 5 screws, (Refer to Fig. 1).

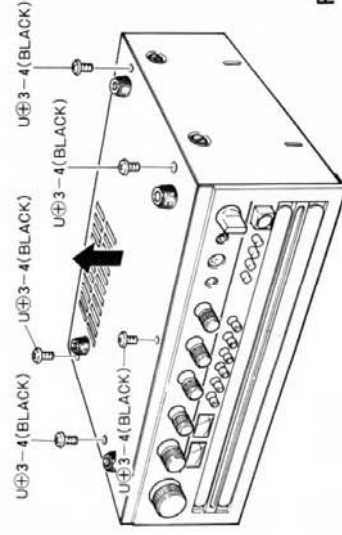


Fig. 1

2. To Remove Cabinet

- 1) Remove 5 screws, (Refer to Fig. 2).

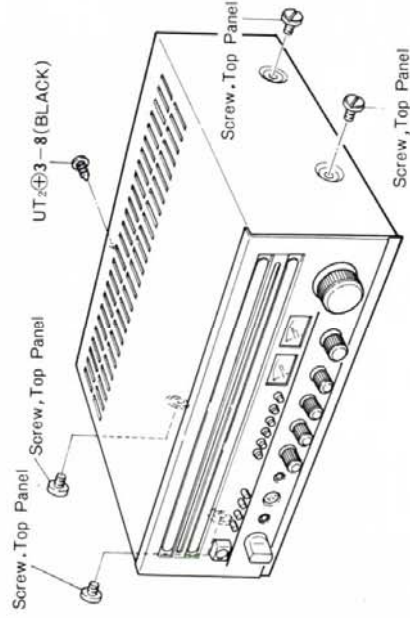


Fig. 2

3. To Remove Front Panel

- 1) Pull off the control knobs.
- 2) Loosen setscrew the Tuning knob and the Speakers selector knob, and pull off both knobs.
- 3) Remove 3 screws, (Refer to Fig. 3).

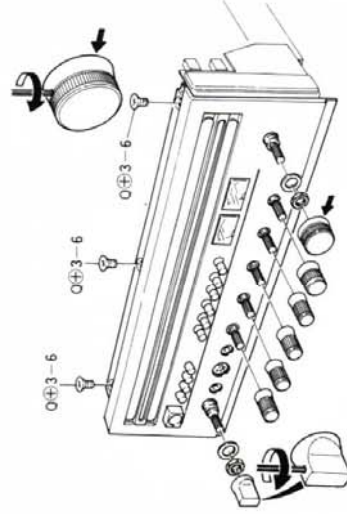


Fig. 3

4. To Remove LED-1 Circuit Board

- 1) Remove mounting screw, (Refer to Fig. 4)

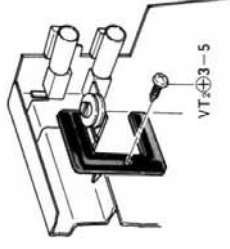


Fig. 4

5. To Remove LED-3 Circuit Board

- 1) Remove mounting screw, (Refer to Fig. 5)

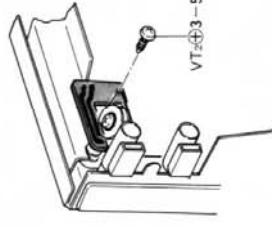


Fig. 5

6. To Remove Pre Amp/Selector Switch-1 Circuit Board

- 1) Remove 4 screws, (Refer to Fig. 6)

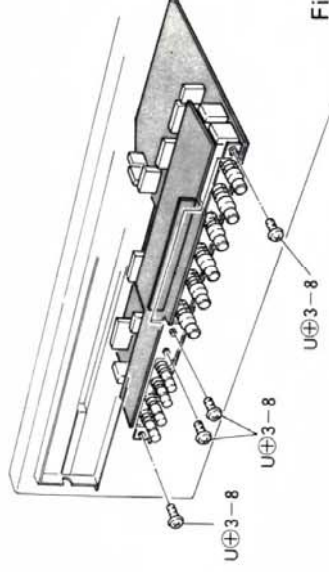


Fig. 6

- 2) Pull off the 12 connectors.
- 3) Pressing the PCB holder with small pincers or the like pull the circuit board upward for removal, (Refer to Fig. 7).

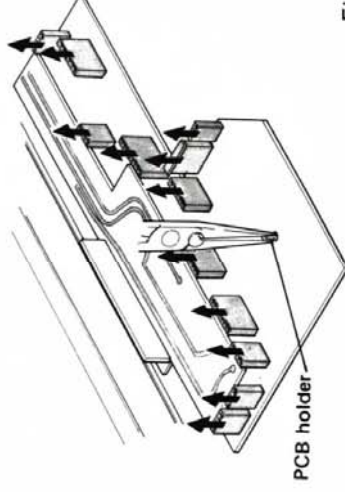


Fig. 7

7. To Remove Control Circuit Board

- 1) Remove 6 nuts. (Refer to Fig. 8).

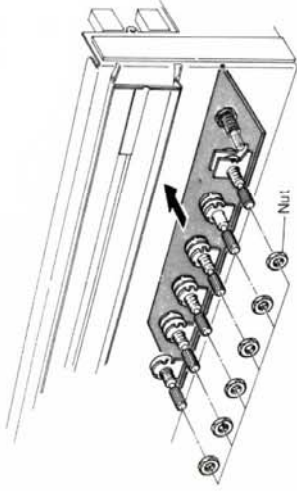


Fig. 8

8. To Remove Tuner Circuit Board

- 1) Remove 3 screws. (Refer to Fig. 9)

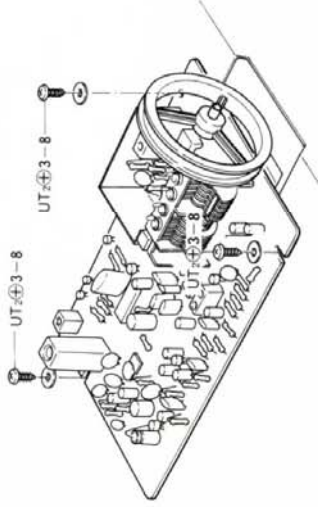


Fig. 9

9. To Remove Main Amp. Circuit Board

- 1) Pull off the 4 connectors, (1) through (4).
- 2) Remove 4 screws, (Refer to Fig. 10)

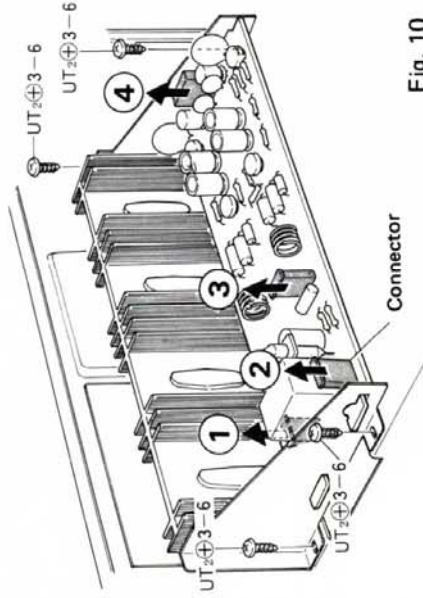


Fig. 10

10. To Remove Power Circuit Board

- 1) Pull off the 4 connectors, (1) through (4).
- 2) Remove mounting screw and pull circuit board in arrow direction (5) to remove. (Refer to Fig. 11)

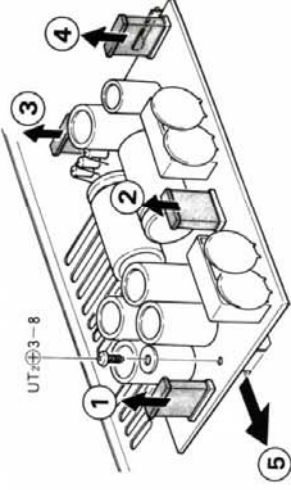


Fig. 11

11. To Remove Muting Circuit Board

- 1) Pressing the PCB holders (1, 2) with small pliers or the like, pull the circuit board in arrow direction to remove. (Refer to Fig. 12).

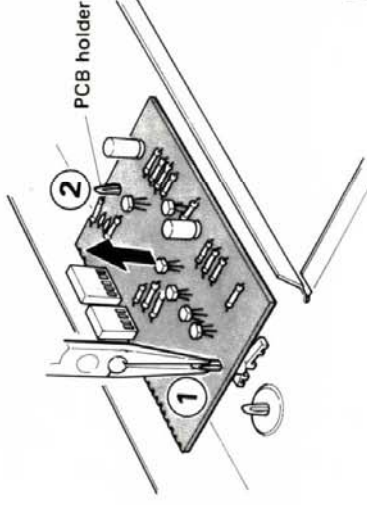


Fig. 12

12. To Remove Meter Reflector and Lamp Circuit Board

- 1) Remove mounting screw and pull meter reflector in arrow direction to remove. (Refer to Fig. 13)
- 2) Press circuit board in arrow 1 direction and pull, in arrow 2 direction to remove. (Refer to Fig. 14)

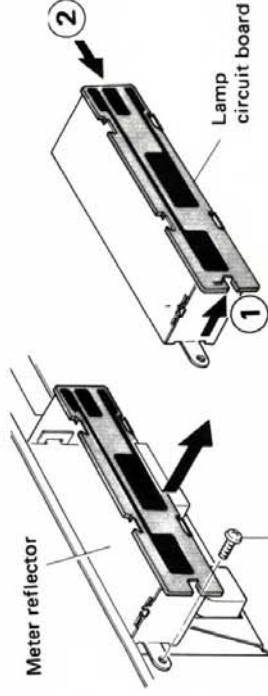


Fig. 13

Fig. 14

13. To Remove Rear Panel Board

- 1) Remove 7 screws (Refer to Fig. 15).

14. To Remove Antenna Circuit Board

- 1) Remove 2 nylon rivets, (1) and (2).
(Refer to Fig. 15).

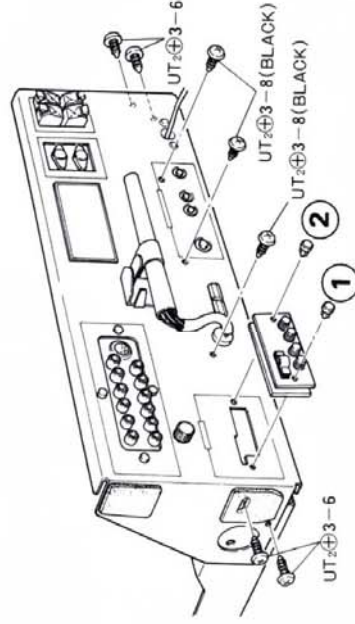


Fig. 15

15. To Remove Jack/Equalizer Amp Circuit Board

- 1) Using a soldering iron, disconnect one terminal (1) of the capacitor.
- 2) Remove 4 nylon rivets, (2) through (5).
(Refer to Fig. 16).

16. To Remove Speaker Terminal Board

- 1) Remove 6 nylon rivets, (6) through (11).
(Refer to Fig. 16).

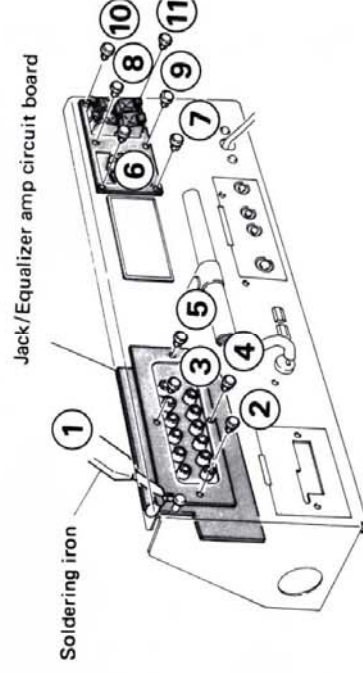
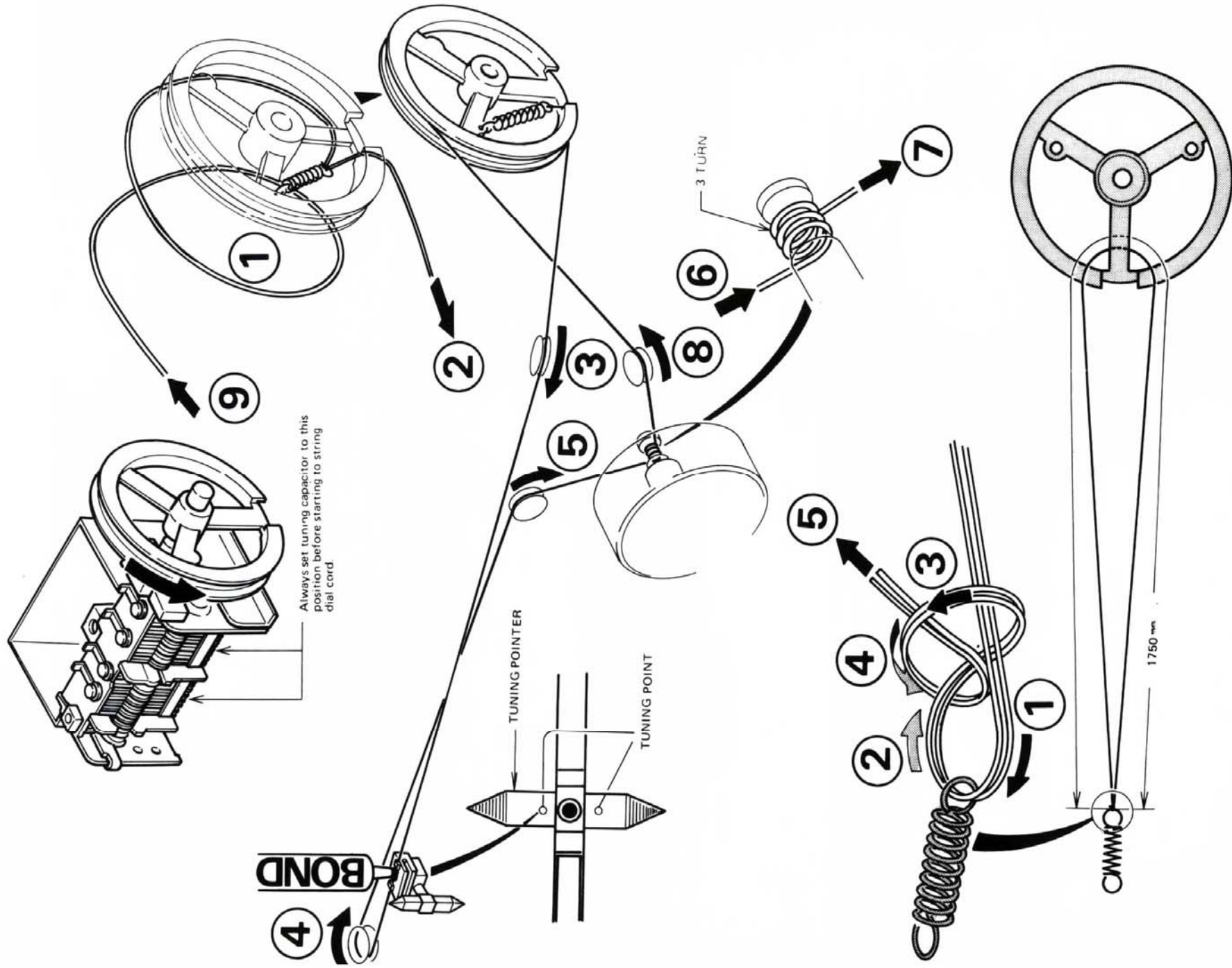


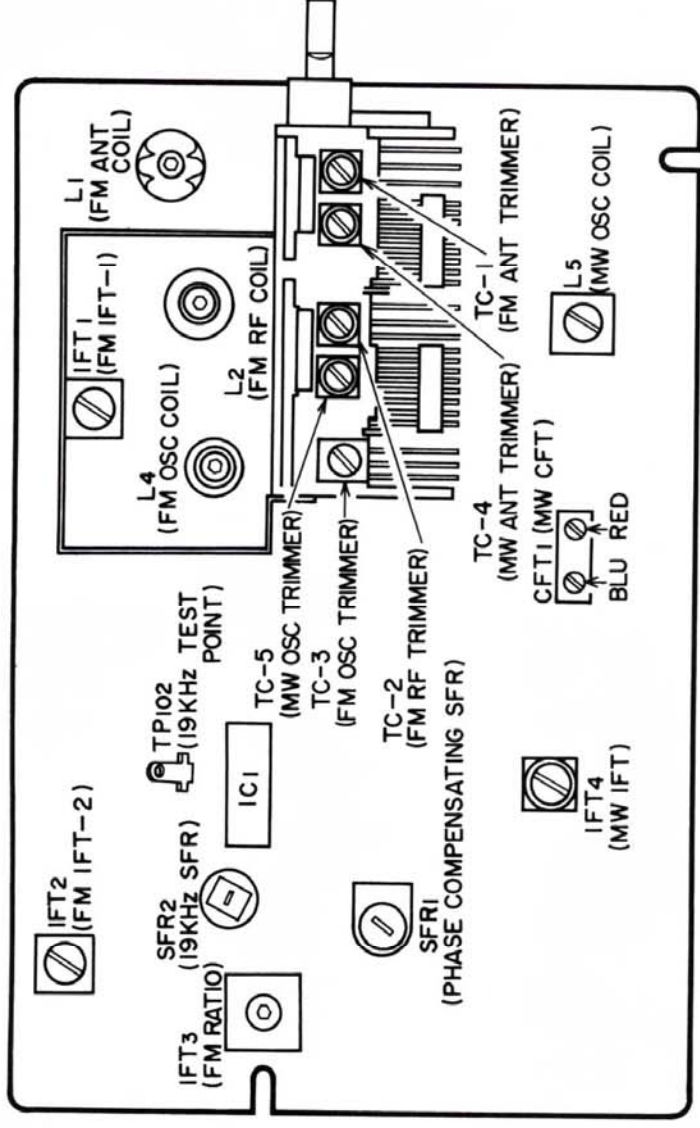
Fig. 16

DIAL CORD STRINGING



ADJUSTMENTS OF TUNER SECTION

■ Locations of Main Parts



1. Instruments Required

Signal Source

1. RF Signal generator (AM, FM).
2. IF sweep generator (Centered 455 kHz for AM and 10.7 MHz for FM).

Output Indicator

1. V.T.V.M.
2. Oscilloscope

Regulator Adjusting Steps

For band	For stages on each band
1. AM (MW)	1st: IF
	2nd: RF frequency range
	3rd: RF tracking
2. FM	1st: IF
	2nd: RF frequency range
	3rd: RF tracking

AM-IF Alignment

Step	Signal source	Set signal to	Alignment indicator	Adjust	Adjust for
	Connect to				
1	AM IF sweep gen.	Sweep centered 455 kHz	Connect to	CFT1 IFT4	Maximum
	Antenna terminal		Oscilloscope AM det. output tab		

MW-RF Alignment

Step	Signal source	Set signal to	Alignment indicator	Adjust	Adjust for
	Connect to				
1	AM signal gen	MW 515 kHz (Modulated)	Connect to	L5 (OSC coil)	Maximum
	Antenna terminal		V.T.V.M. AM det. output tab		
2	Antenna terminal	1650 kHz (Modulated)	AM det. output tab	TC-5 (OSC trim.)	Maximum
3	(Repeat steps 1 and 2 to obtain frequency range.)				
4	Antenna terminal	600 kHz (Modulated)	AM det. output tab	L901 (ANT coil)	Maximum
5	Antenna terminal	1400 kHz (Modulated)	AM det. output tab	TC-4 (ANT trim.)	Maximum
6	(Repeat steps 4 and 5 to minimize tracking error, and also step 3 if necessary.)				

FM-IF Alignment

Step	Signal source Connect to	Set signal to	Alignment indicator Connect to	Set radio dial to	Adjust	Adjust for
1	FM IF sweep gen.	Sweep centered 10.7 MHz	Oscilloscope	Max. Freq.	IFT1 IFT2	Max Symmetrical response equal heights
	Antenna terminal		FM det. output tab			
2	Antenna terminal	Sweep centered 10.7 MHz	FM det. output tab	Max. Freq.	IFT3	Symmetrical response, centered 10.7 MHz
3	(Repeat 1 and 2 to obtain a balanced "S" curve linearity.)					

FM-RF Alignment

Step	Signal source Connect to	Set signal to	Alignment indicator Connect to	Set radio dial to	Adjust	Adjust for
1	FM signal gen.	88 MHz (Modulated)	V T V M.	88 MHz	L4 (OSC coil)	Maximum
	Antenna terminal		FM det. output tab			
2	Antenna terminal	107 MHz (Modulated)	FM det. output tab	107 MHz	TC-3 (OSC trim)	Maximum
3	(Repeat steps 1 and 2 to obtain frequency range.)					
4	Antenna terminal	88 MHz (Modulated)	FM det. output tab	88 MHz	L1 (ANT coil) L2 (RF coil)	Maximum
5	Antenna terminal	107 MHz (Modulated)	FM det. output tab	107 MHz	TC-1 (ANT trim) TC-2 (RF trim)	Maximum
6	(Repeat steps 4 and 5 to minimize tracking error, and step 3 if necessary.)					

MPX Adjustment

● 19 kHz

Conditions:

Selector switch: FM

ST/MONO switch: MONO

Dial position: detuned from station

Adjust SFR2 for $19\text{kHz} \pm 50\text{Hz}$ frequency at 19kHz test point (TP102).

● MPX

Conditions:

Carrier frequency: 96 MHz

Modulation: Pilot signal 10%

Composite signal 90%

Modulation frequency: 1 kHz

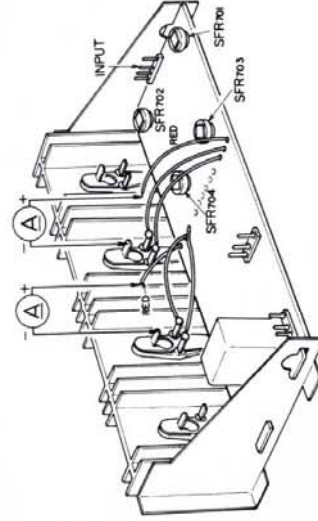
Tune dial to 96 MHz and adjust SFR1 for optimum separation (40 dB).

How to change the upper limit of FM frequency range from 107 MHz to 103 MHz.

Symbol No.	Description	107 MHz	103 MHz
L2	FM COIL	82-473-730-01	99-473-001-01 88-213-120-01 88-213-180-01 88-251-222-01
C1	Ceramic Capacitor	6pF	
C4	Ceramic Capacitor	6pF	
C31	Ceramic Capacitor	22pF SH	24 pFSH

ADJUSTMENTS OF MAIN AMP.

■ Location of Main Parts.



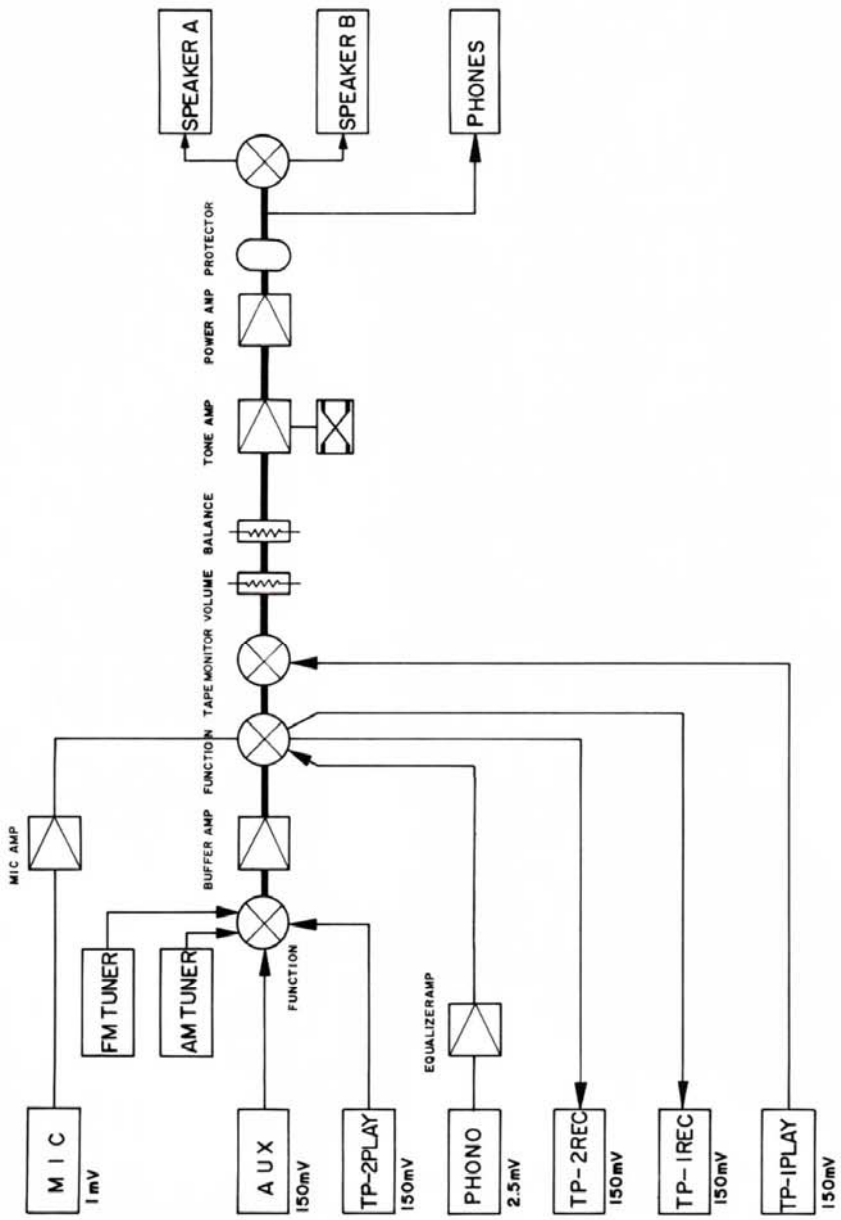
1. Idling Current

Short input terminals. Disconnect TR711 (712) collector lead (red) and connect current meter. Adjust idling current trimmer resistor SFR701 (702) for 30 mA idling current.

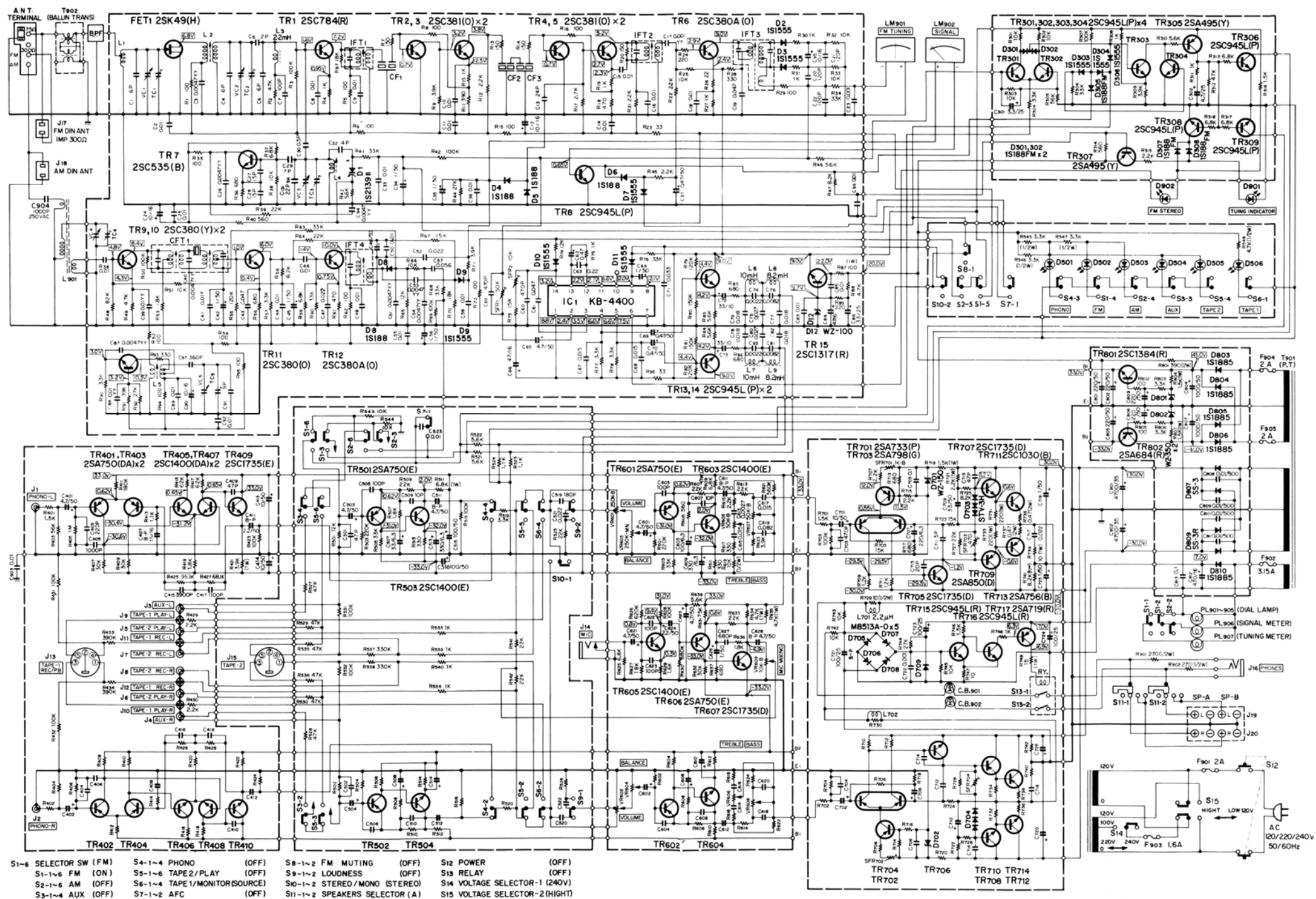
2. DC Balance

After adjusting the idling current, adjust DC balance trimmer resistor SFR703 (704) for 0 V potential at speaker terminals.

BLOCK DIAGRAM

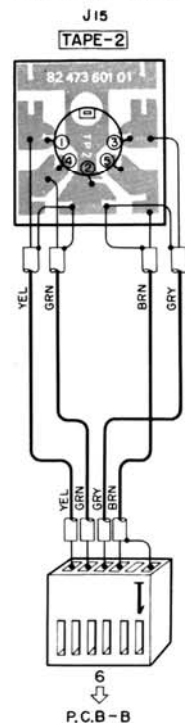


SCHEMATIC DIAGRAM

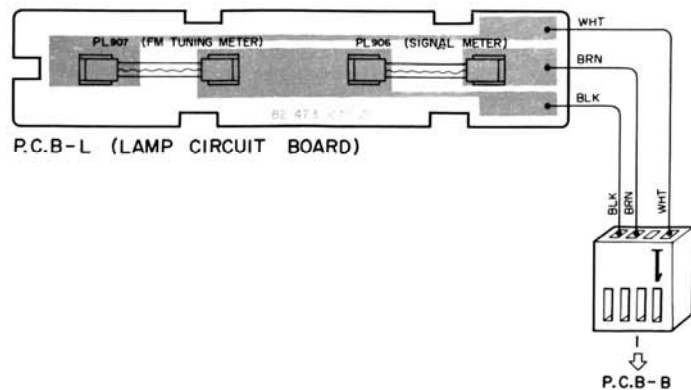


SELECTOR SWITCH-2, PRE AMP/SELECTOR SWITCH-1, LAMP, LED-1 & DIN JACK CIRCUIT BOARD

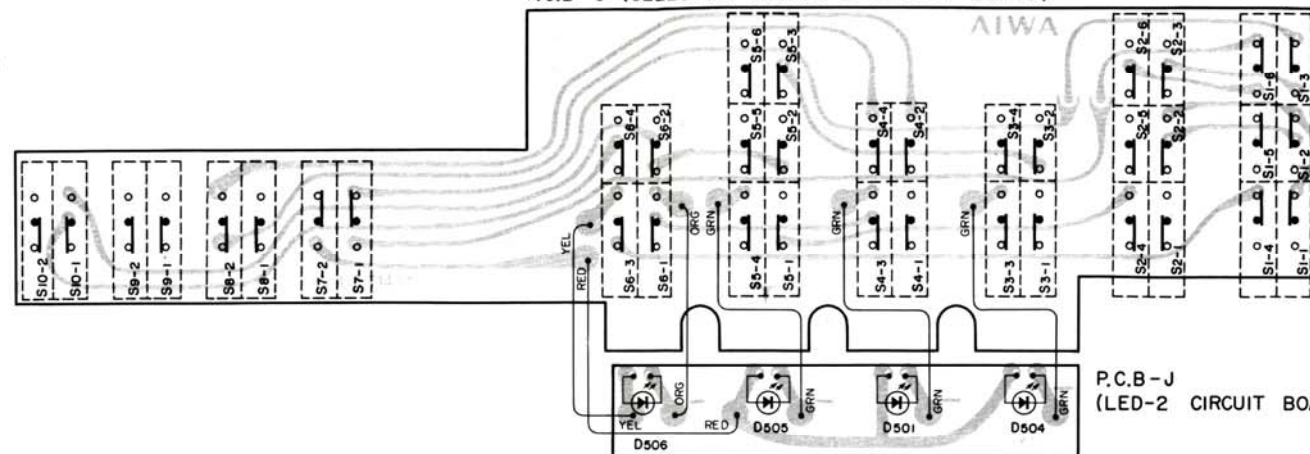
P.C.B-L
(DIN JACK CIRCUIT BOARD)



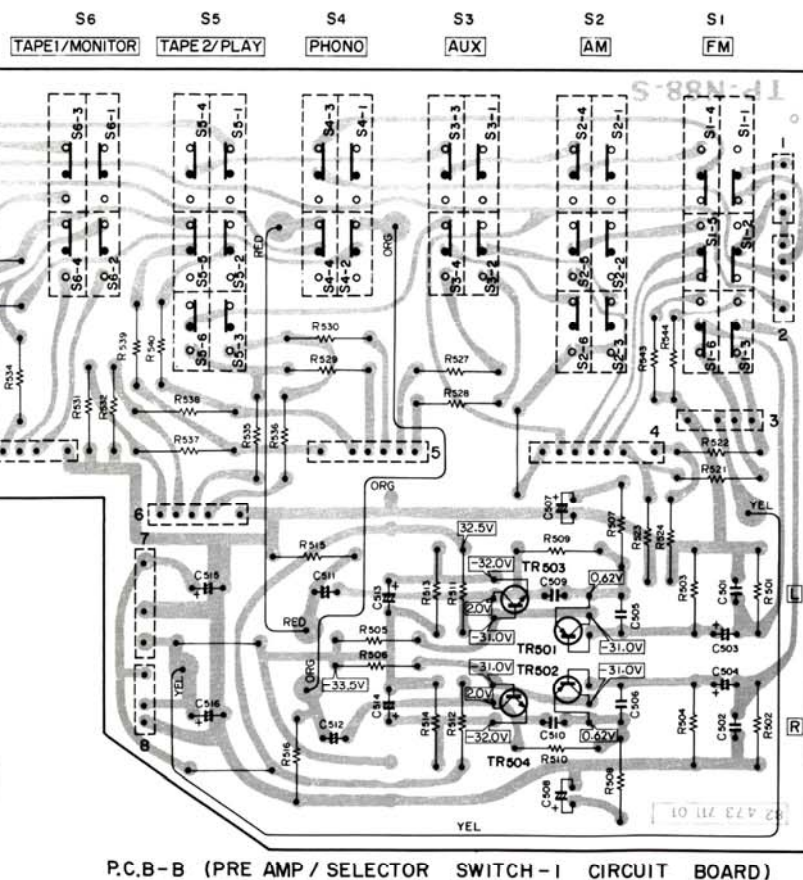
P.C.B-L (LAMP CIRCUIT BOARD)



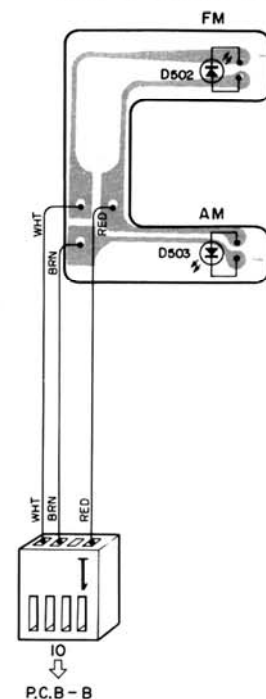
P.C.B-C (SELECTOR SWITCH-2 CIRCUIT BOARD)



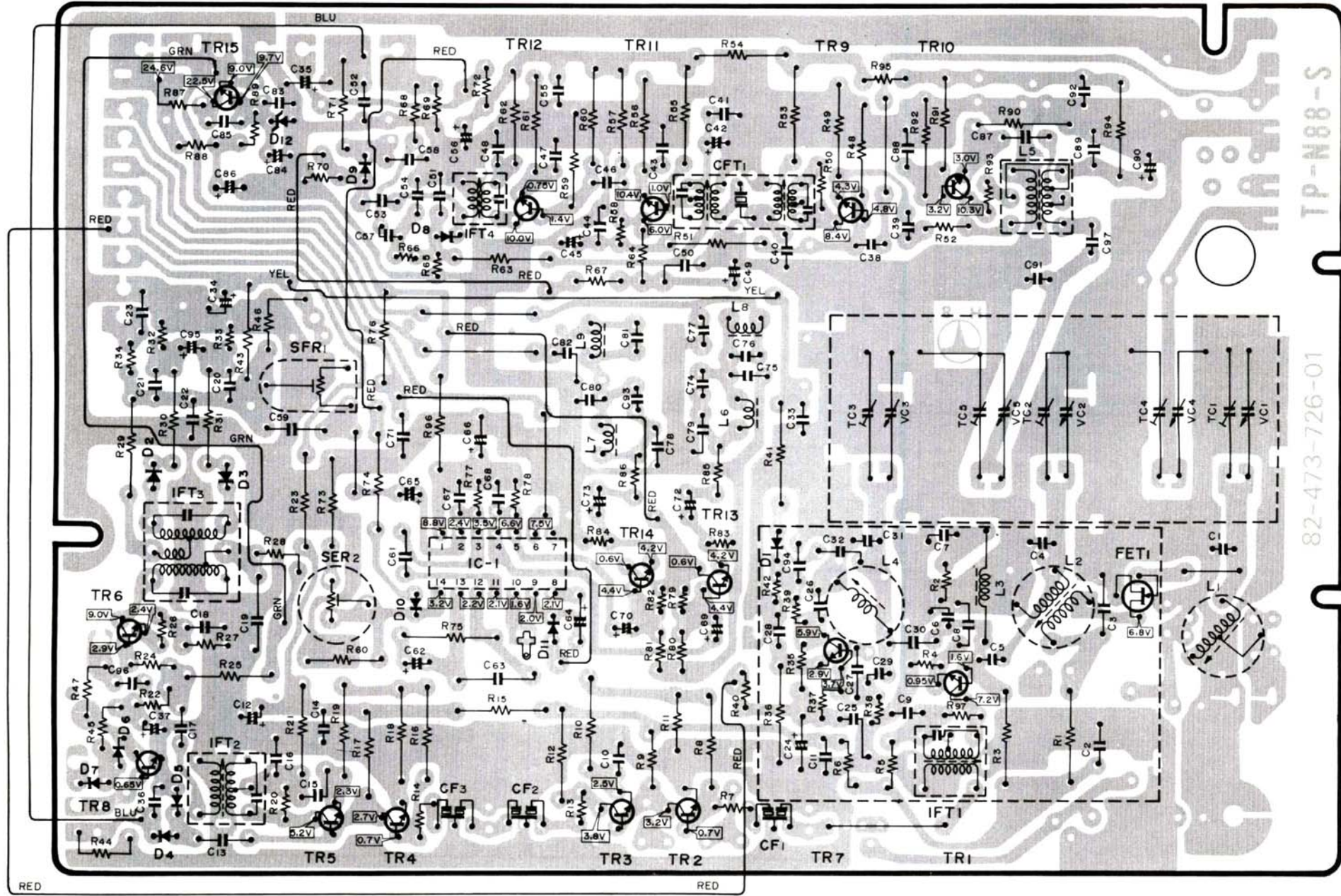
P.C.B-J
(LED-2 CIRCUIT BOARD)



P.C.B-I
(LED-1 CIRCUIT BOARD)

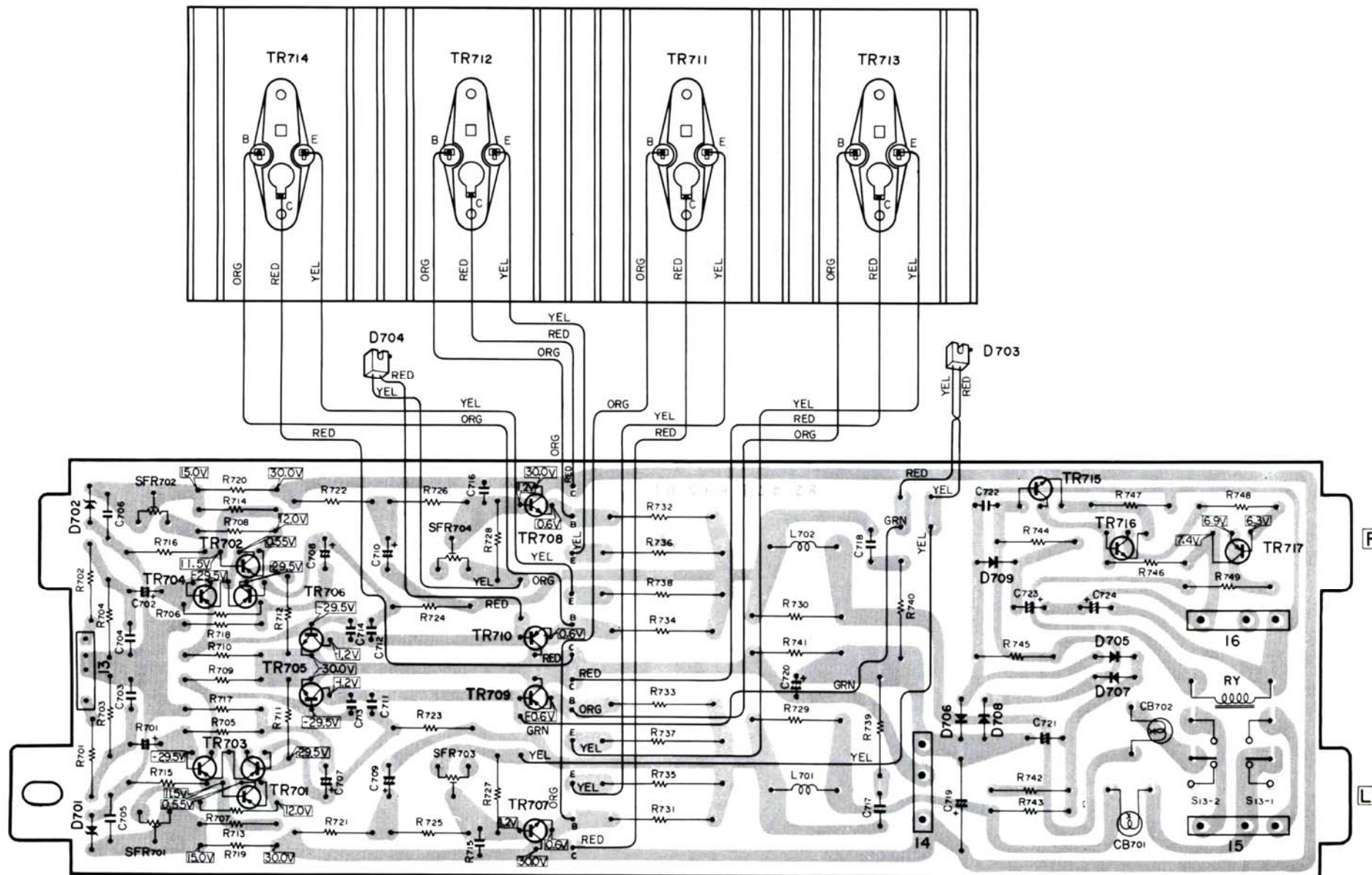


TUNER CIRCUIT BOARD



TP-N88-S
82-473-726-01

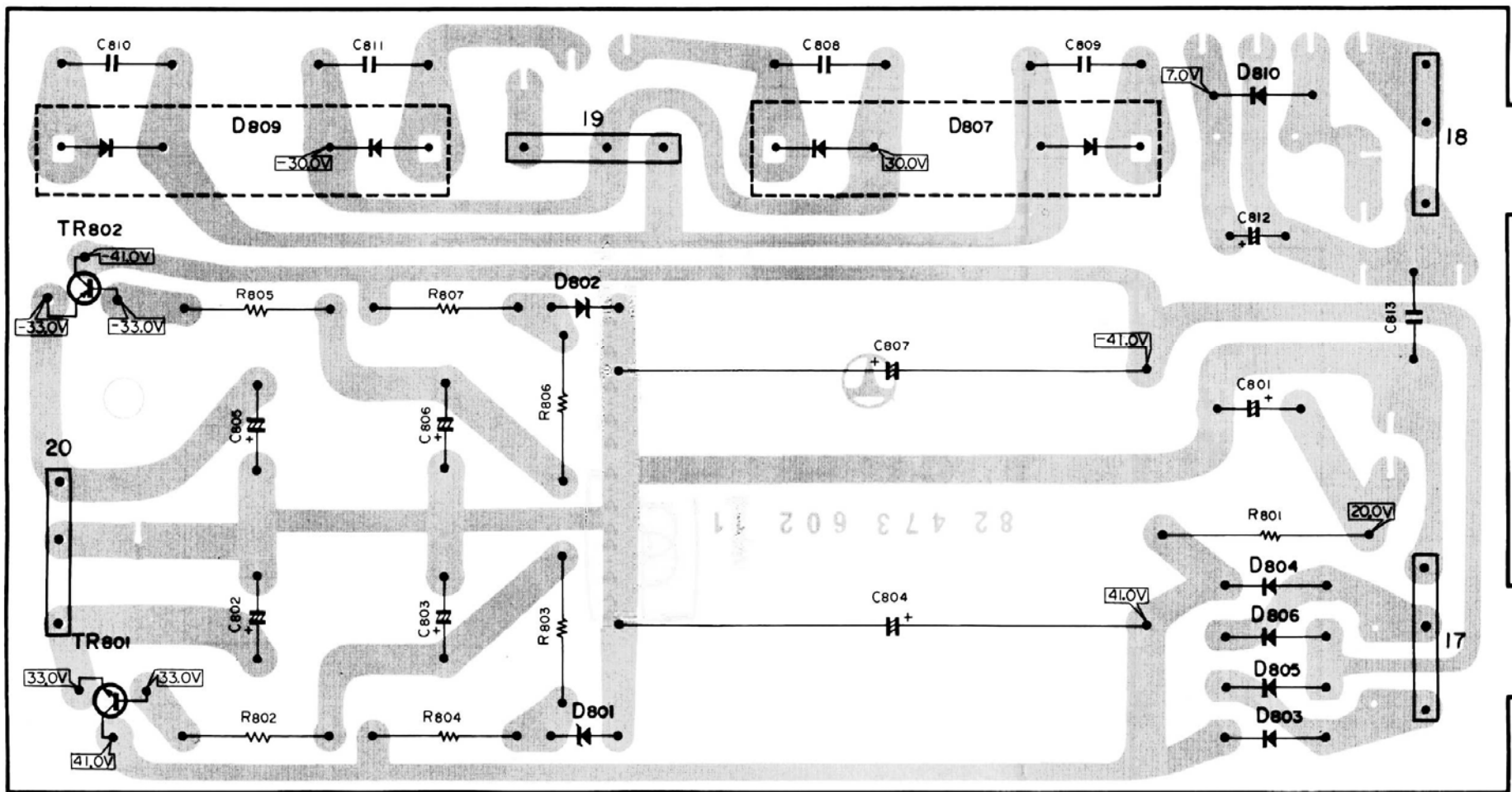
MAIN AMP CIRCUIT BOARD



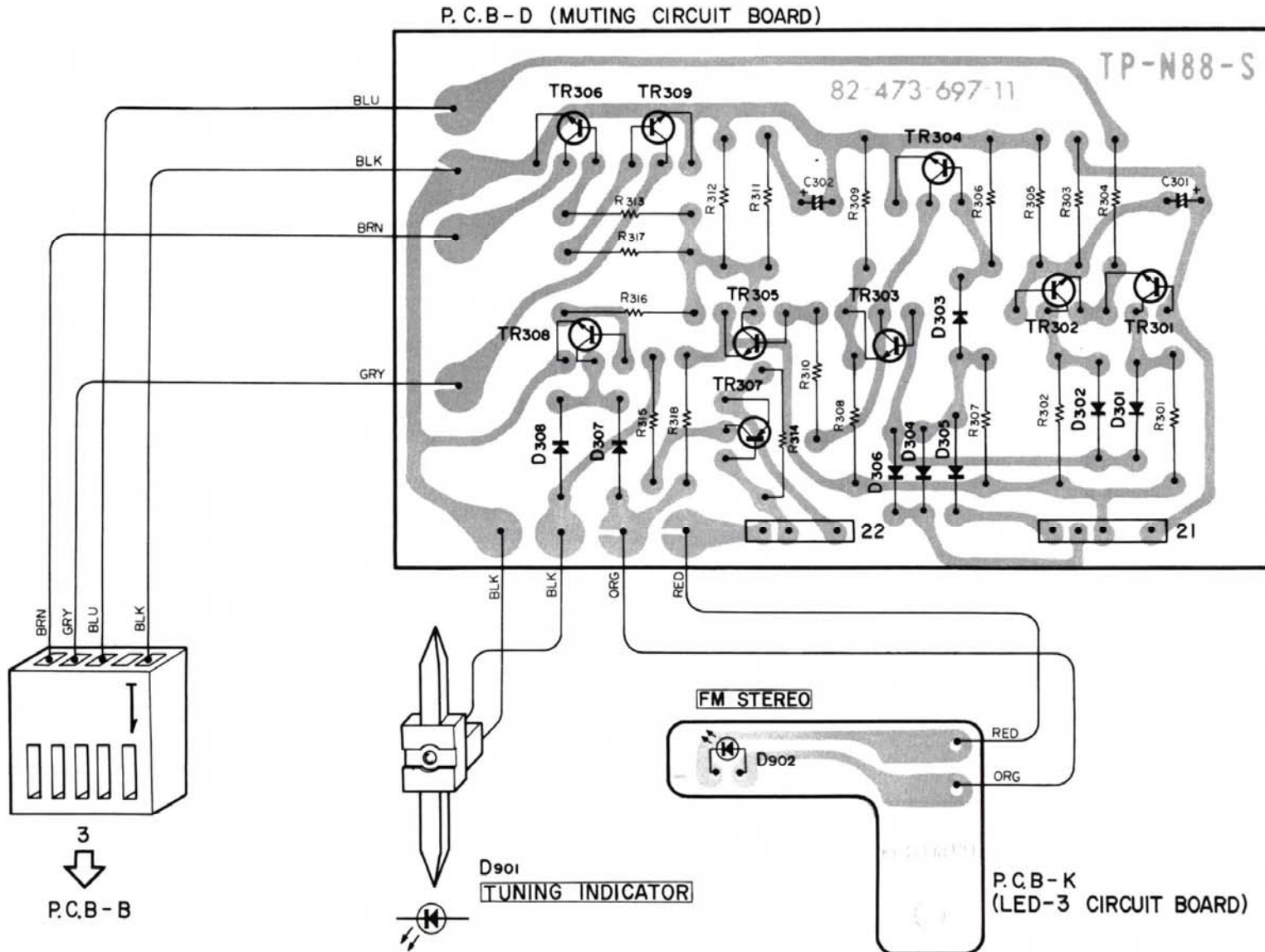
P.C.B-F (MAIN AMP CIRCUIT BOARD)

POWER CIRCUIT BOARD

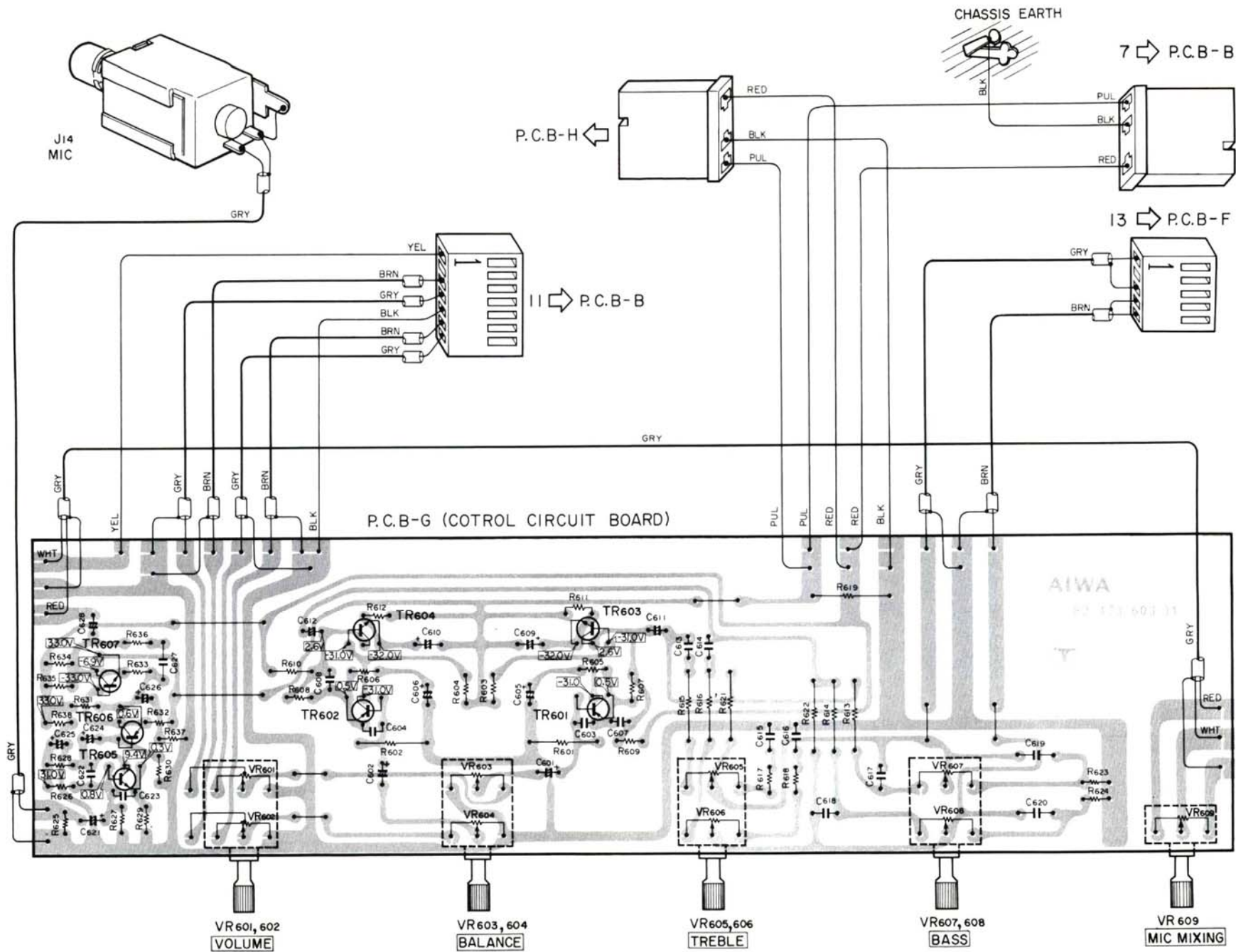
P.C.B-H (POWER CIRCUIT BOARD)



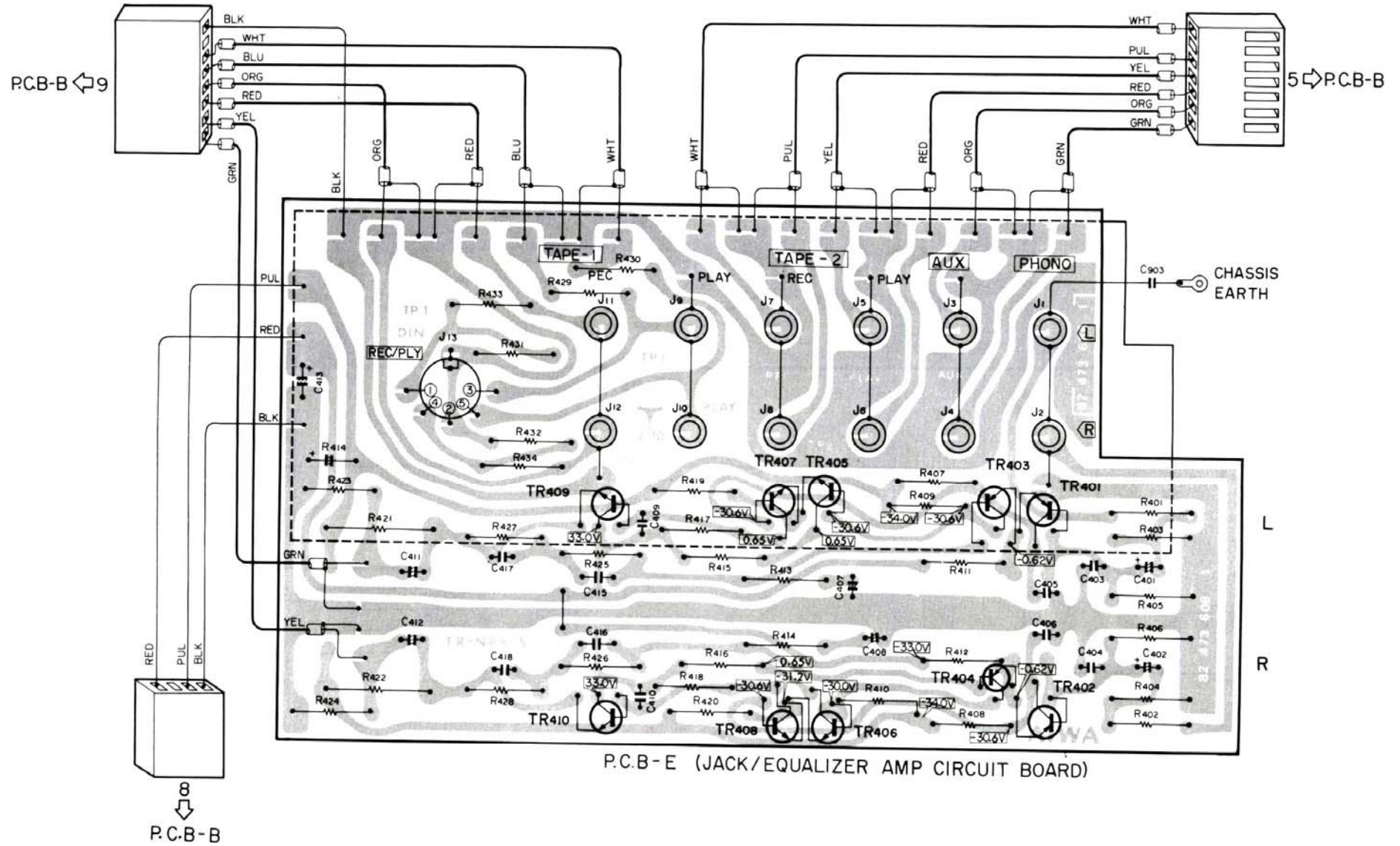
MUTING & LED-3 CIRCUIT BOARD



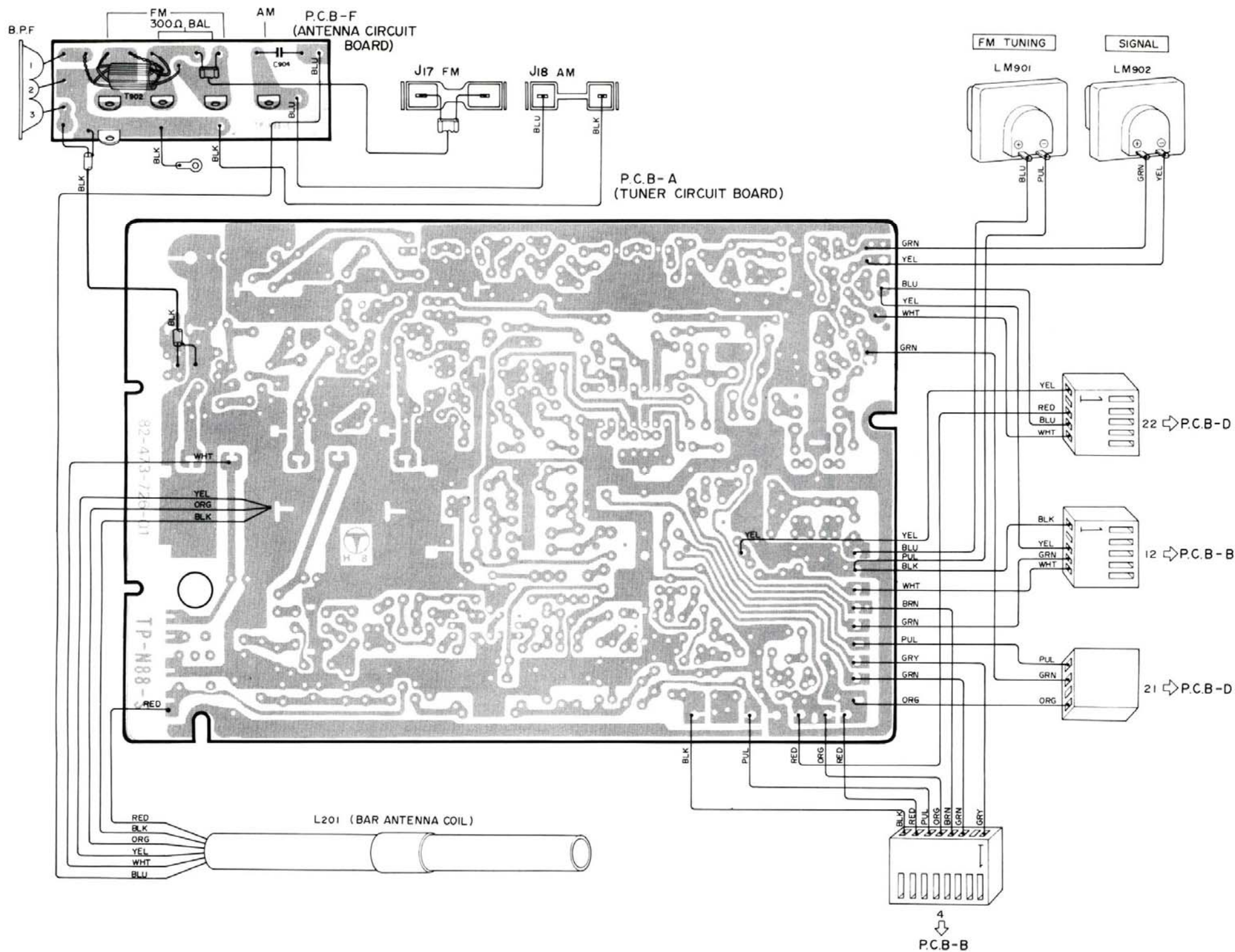
CONTROL CIRCUIT BOARD



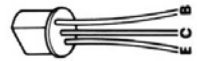
JACK/EQUALIZER AMP CIRCUIT BOARD



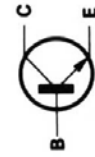
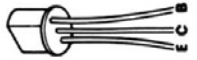
WIRING (TUNER CIRCUIT BOARD)



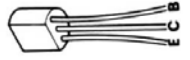




2SA495



2SC380
2SC784
2SC394
2SC381
2SC732



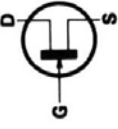
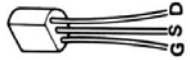
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2SC1400



2SA750
2SA733
2SA719



2SK49



2SC1735



2SA850



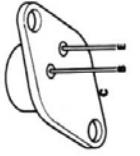
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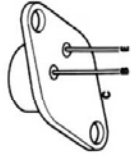
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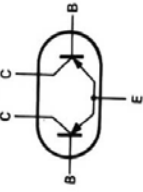
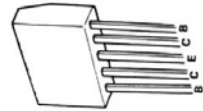
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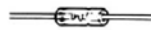
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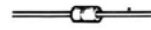
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2SA798



IS188



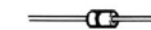
IS1555
M8513



IS1885



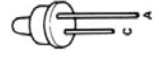
WZ100
WZ150
WZ350



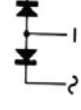
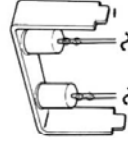
IS2139



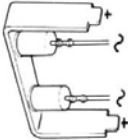
SLP114



GD-4-203

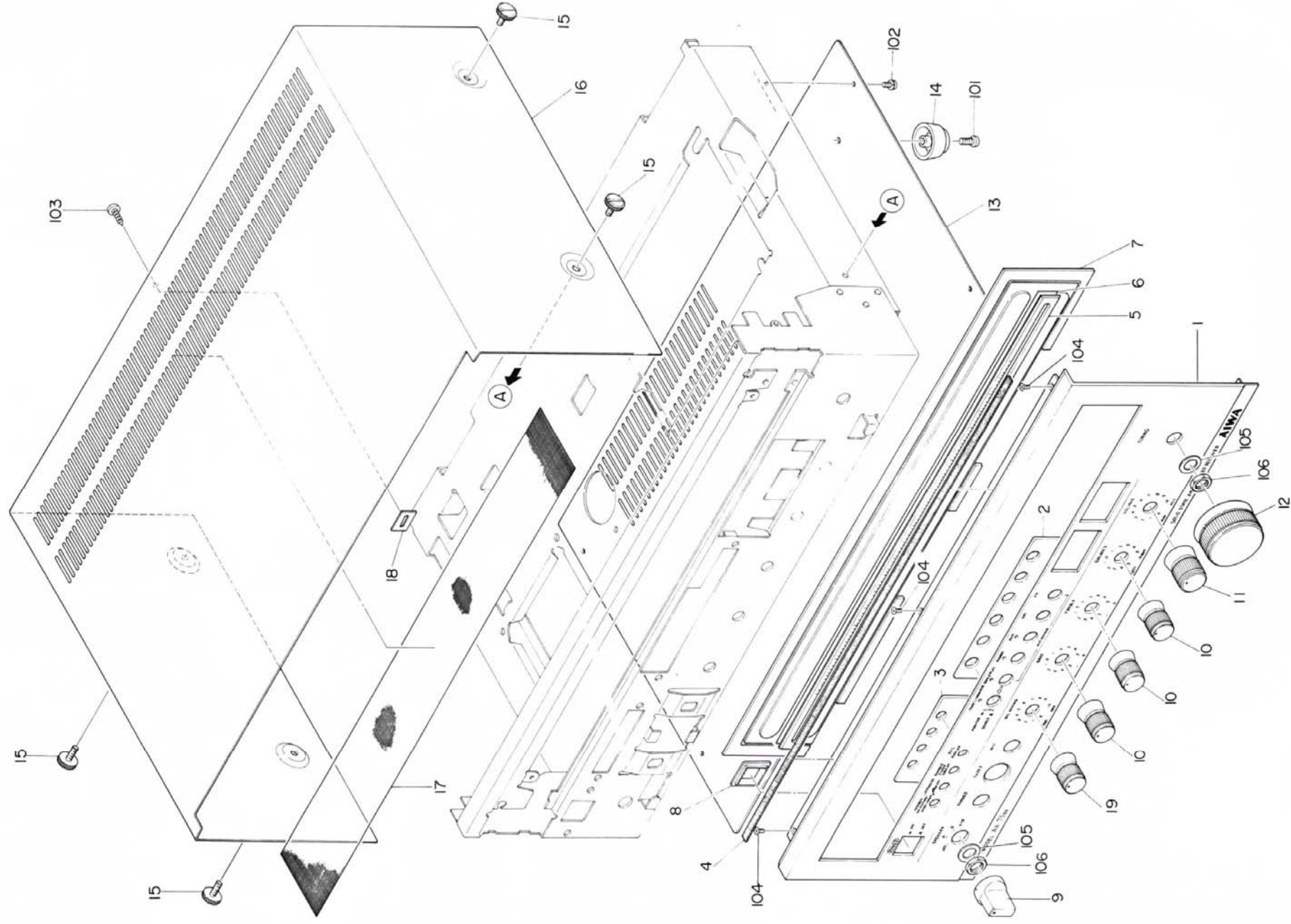


SS-3R



SS-3

EXPLODED VIEW-1



MECHANICAL PARTS

PARTS LIST

▪ * mark in this part list shows exclusive part (which is used) for only Model AX-7550.

Ref. No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
1~8	80-004-734-4N		Panel Assembly		
1-1	82-473-072-01		Front panel	AX-7500	1
1-2	82-473-238-01		Guide B, Button		1
1-3	82-473-237-01		Guide A, Button		1
1-4	82-473-273-01		Spacer, Top panel		1
1-5	82-473-005-01		Scale board, Tuning dial		1
1-6	82-473-009-01		Half mirror		1
1-7	82-473-006-01		Window, tuning dial		1
1-8	82-380-026-01		Guide, Power button	AD-6500	1
1-9	82-473-061-01		Speaker knob ass'y		1
1-10	82-473-067-01		Knob, Tone		1
1-11	82-473-068-01		Knob, Volume		3
1-12	82-473-060-01		Tuning knob ass'y		1
1-13	82-473-004-01		Bottom plate		1
1-14	87-085-141-01		Leg		1
1-15	82-473-047-01		Screw, Top panel		4
1-16	82-380-002-01		Top panel	AD-6500	4
1-17	82-473-239-01		Net		1
1-18	82-380-430-01		Spacer, Rear panel	AD-6500	1
1-19	82-473-069-01		MIC MIX knob ass'y		1

Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
1-101	87-263-171-01	V + 4-10	4	1-105	87-410-340-01	W9-16-0.5	2
1-102	87-257-092-01	U + 3-4 (Black)	5	1-106	87-081-253-01	N-9	2
1-103	87-081-402-01	UT ₂ + 3-8 (Black)	1				
1-104	87-233-094-01	Q + 3-6	3				

HARDWARE NOMENCLATURE

V: Pan head screw

U: Binding head screw

Q: Flat countersunk head screw

VT₂: Pan head tapping screw

UT₂: Binding head tapping screw

VS: Pan head screw with spring washer

WTIE: Crown washer

W: Washer

FW: Fiber washer

SW: Spring washer

LB: Lug terminal plate

N: Nut

Example:

V + 3 - 6

Length in mm

Diameter in mm

Type of Slot

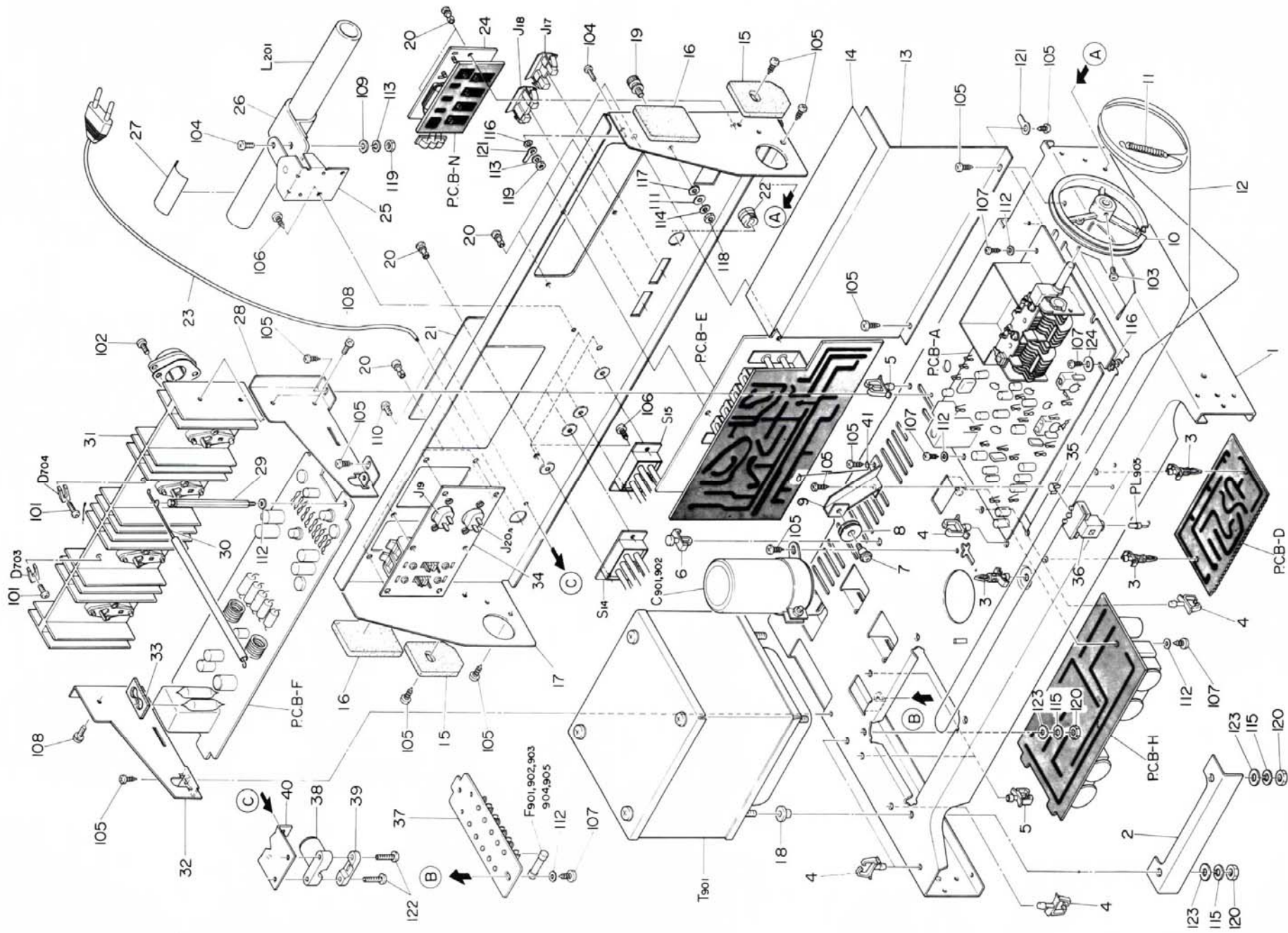
Type of Head



Ref. No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
2-1	82-473-043-01		Spacer, dial plate	*	2
2-2	82-473-035-01		Dial plate, Lower	*	1
2-3	82-473-015-01		Pointer ass'y	*	1
2-4	82-473-037-01		Holder B, Dial plate	*	2
2-5	82-473-224-01		Himeron, Reflector-blocking	*	2
2-6	82-473-071-01		Dial plate, Upper	*	1
2-7	82-473-007-01		Decorative plate, Tuning dial	*	1
2-8	82-473-226-01		Sub-cushion, Dial plate	*	4
2-9	82-473-223-01		Cushion, Dial plate	*	2
2-10	82-473-008-01		Holder A, Dial plate	*	2
2-11	82-473-243-01		Masking tape, Meter	*	2
2-12	82-473-246-01		Filter, Meter	*	2
2-13	82-473-233-01		Cushion, Meter	*	1
2-14	82-473-251-01		Collar, DIN jack	*	2
2-15	82-380-292-01		Collar, AC holder	*	6
2-16	82-473-202-01		Chassis, Front	*	1
2-17	82-380-455-01		Spacer C, Side panel	AD-6500	2
2-18	82-473-207-01		Tuning shaft ass'y	*	1
2-19	82-473-259-01		Flywheel, Tuning	*	1
2-20	82-473-244-01		Holder; Rear, Dial plate	*	1
2-21	82-473-216-01		Roller holder C	*	1
2-22	82-473-220-01		Roller	*	3
2-23	87-081-483-01		Motor screw	*	2
2-24	82-473-215-01		Roller holder B	*	1
2-25	82-473-231-01		Reflector board	*	4
2-26	82-473-232-01		Cushion, Lamp	*	4
2-27	82-470-212-01		Reflector board, Meter	*	1
2-28	82-473-225-01		Himeron cloth; Reflector board, Meter	*	1
2-29	82-473-234-01		Partition plate, Meter	*	1
2-30	82-473-258-01		Holder, AC switch	*	1
2-31	82-380-013-01		AC button ass'y	*	1
2-32	82-473-214-01		Roller holder A	*	1
2-33	82-473-255-01		Adjusting plate, Roller	*	1
2-34	82-463-216-01		Rubber bushing	TPR-900	3
2-35	82-473-274-01		Lamp bushing UL	*	1
2-36	87-064-038-01		Wire clip A	*	1
2-37	82-473-029-01		Push-button B	*	4
2-38	82-473-027-01		Push-button A	*	6
2-39	82-473-254-01		Adjusting screw, Roller	*	1
2-40	82-473-261-01		Push collar	*	4
2-41	82-473-262-01		Stopper collar	*	2

Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
2-101	87-263-094-01	V + 3-6	1	2-108	87-231-036-01	Q + 2-8	2
2-102	87-263-093-01	V + 3-5	2	2-109	87-480-093-01	VS + 3-5	2
2-103	87-253-095-01	U + 3-8	4	2-110	87-480-072-01	VS + 2.6-5	1
2-104	87-253-075-01	U + 2.6-10	2	2-111	87-081-253-01	N-9	1
2-105	87-233-072-01	Q + 2.6-5	4				
2-106	87-353-093-01	VT ₂ + 3.5	2				
2-107	87-343-094-01	UT ₂ + 3-6	8				

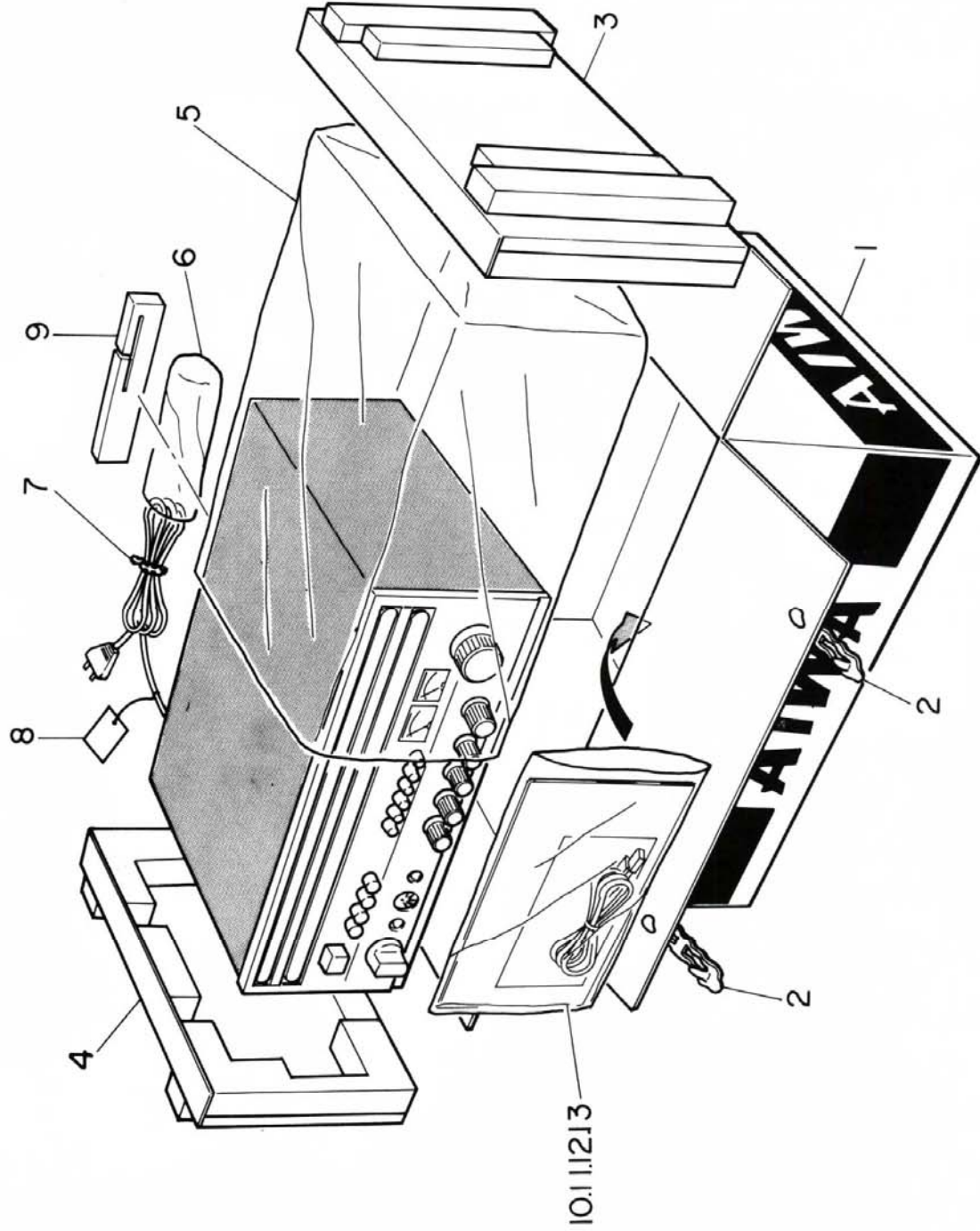
EXPLODED VIEW-3



Ref. No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
3-1	82-473-205-01		Chassis	*	1
3-2	82-473-256-01		Reinforcement plate, Chassis	*	1
3-3	87-064-061-01		Holder B, Circuit board		3
3-4	87-064-038-01		Wire clip A		4
3-5	87-064-051-01		Wire clip F		4
3-6	87-064-060-01		Holder A, Circuit Board		1
3-7	87-081-483-01		Motor screw	*	1
3-8	82-473-220-01		Roller		1
3-9	82-473-217-01		Holder D, Roller	*	1
3-10	82-473-211-01		Dram, Tuning dial	*	1
3-11	82-473-252-01		Spring, Tuning dial	*	1
3-12	87-096-083-01		String, Tuning dial		1750
3-13	82-473-206-01		Shield, Phono	*	mm
3-14	82-473-242-01		Label; Shield	*	1
3-15	82-473-245-01		Spacer A, Side panel	*	2
3-16	82-473-247-01		Spacer B, Side panel	*	2
3-17	82-473-055-01		Rear panel	*	1
3-18	82-473-267-01		Collar, Power transformer	*	4
3-19	87-033-088-01		Earth terminal		1
3-20	87-085-102-01		Nylon rivet		16
3-21	82-473-074-01		Name plate, Spec.	*	1
3-22	87-085-101-01		Cord bushing		1
3-23	87-034-835-01		AC power cord		1
3-24	82-473-626-01		Screw terminal	*	1
3-25	82-473-010-01		Antenna holder ass'y	*	1
3-26	82-473-013-01		Antenna holder C	*	1
3-27	82-473-051-01		Caution label, Antenna	*	1
3-28	82-473-213-01		Holder B, Heatsink plate	*	1
3-29	82-473-241-01		Brasspost, Cord	*	1
3-30	82-473-250-01		Spring, Cord support	*	1
3-31	82-473-609-01		Heatsink	*	1
3-32	82-473-212-01		Holder A, Heatsink plate	*	1
3-33	82-473-253-01		Holder, Circuit breaker	*	1
3-34	82-473-703-01		Speaker terminal	*	1
3-35	82-473-019-01		Lock plate, Pointer	*	1
3-36	82-473-018-01		Holder, Pointer	*	1
3-37	82-473-717-01		Holder, Fuse	*	1
3-38	87-085-094-01		Holder A, AC power cord		1
3-39	87-085-095-01		Holder B, AC power cord		1
3-40	82-473-257-01		Holder AC power cord	*	1
3-41	82-471-212-01		Wire guide dial	AF-5080	1

Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
3-101	87-263-096-01	V + 3-10	2	3-113	87-421-306-01	SW-3	2
3-102	87-263-099-01	V + 3-15	8	3-114	87-421-308-01	SW-4	1
3-103	87-263-093-01	V + 3-5	2	3-115	87-421-310-01	SW-6	4
3-104	87-257-097-01	V + 3-12 (Black)	2	3-116	87-433-904-01	WTIE-3	2
3-105	87-343-094-01	UT ₂ + 3-6	14	3-117	87-433-906-01	WTIE-4-10	1
3-106	87-081-402-01	UT ₂ + 3-8 (Black)	5	3-118	87-391-024-01	N-4	1
3-107	87-343-095-01	UT ₂ + 3-8	5	3-119	87-391-017-01	N-3	2
3-108	87-480-093-01	VS + 3-5	4	3-120	87-391-029-01	N-5	4
3-109	87-410-316-01	W3-8-0.8	1	3-121	87-450-414-01	LB-4	2
3-110	87-257-092-01	U + 3-4 (Black)	2	3-122	87-263-099-01	V + 3-15	2
3-111	87-410-325-01	W4-10-1.0	1	3-123	87-081-021-01	FW6-13-1.0	4
3-112	87-081-017-01	FW3-8-1.0	5	3-124	87-410-319-01	W3-15-0.8	1

ACCESSORIES/PACKAGE



ACCESSORIES/PACKAGE

Ref. No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
1	82-473-862-01		Printed indiv. packing	*	1
2	87-056-500-01		Curl stopper	*	2
3	82-473-859-01		Cushion R, Printed indiv.	*	1
4	82-473-858-01		Cushion L, Printed indiv.	*	1
5	87-056-551-01		Poly-vinyl sack (for case)	*	1
6	87-051-131-01		Poly-vinyl sack (for AC power cord)	*	1
7	87-058-023-01		Free-up belt	*	1
8	87-056-016-01		Tag, Voltage selector	*	1
9	82-473-861-01		Cushion, Bar antenna	*	1
10	87-051-171-01		Poly-vinyl sack	*	1
11	82-473-915-01		Instructions booklet	*	1
12	87-056-009-01		Distributors list	*	1
13	87-043-025-01		FM antenna	*	1

ELECTRICAL PARTS

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
◀TUNER CIRCUIT BOARD SECTION ▶					
PCB-A	82-473-726-01		Tuner circuit board	•	1
TR1	89-307-842-01		Transistor, 2SC-784 (R)		1
TR7	89-305-352-01		Transistor, 2SC-535 (B)		1
TR2,3,4,5	89-303-813-01		Transistor, 2SC-381 (O)		4
	87-026-045-01		Transistor, 2SC-380A (O)		2
TR6,12	89-309-456-01		Transistor, 2SC-945L (P)		3
TR8,13,14	89-313-172-01		Transistor, 2SC-1317 (R)		1
TR15	89-303-804-01		Transistor, 2SC-380 (Y)		2
TR9,10	89-303-803-01		Transistor, 2SC-380 (O)		1
TR11	87-026-100-01		FET, 2SK-49 (Hz)		1
FET1	87-027-148-11		IC, KB-4400		1
IC1	87-026-049-01		Diode, 1S-2139 (B)		1
D1	88-052-188-11		Diode, 1S-188 (FM)		4
D4,5,6,8	87-027-097-01		Diode, 1S-1555		6
D2,3,7,9,10					
11	87-027-142-01		Zener diode, WZ-100		1
D12	82-473-729-01		FM coil	•	1
L1	82-473-730-01		FM coil	•	1
L2	87-005-101-01		FM choke coil, 2.2μH	•	1
L3	82-473-689-01		FM coil, 1½t	•	1
L4	87-005-094-01		Micro inductor, 10mH	•	2
L6,7	82-473-628-01		Micro inductor, 8.2mH	•	2
L8,9	82-457-699-01		MW OSC coil		1
L5	84-173-614-01		FM IFT		2
IFT1,2	87-008-159-01		FM IFT (ratio)		1
IFT3	87-008-160-01		AM IFT		1
IFT4	87-008-169-01		FM ceramic filter		1
CF1	82-473-620-01		FM ceramic filter	•	2
CF2,3	87-008-118-01		AM ceramic filter trans	•	1
CFT1	82-473-606-01		VC		1
VC1 ~ 4					
TC1 ~ 4					
SFR1	87-021-239-01		Semi-fixed resistor, 50kΩ - B		1
SFR2	87-021-366-01		Semi-fixed resistor, 10kΩ - B		1
<Resistors>					
R23,96	88-131-330-01		33Ω 1/4W ±5%		2
R1,8,15,16	88-131-101-01		100Ω 1/4W ±5%		8
29,54,62,94					
R18,61	88-131-471-01		470Ω 1/4W ±5%		2
R36,56	88-131-681-01		680Ω 1/4W ±5%		2
R10,19,30,31	88-131-102-01		1kΩ 1/4W ±5%		5
75					
R53	88-131-182-01		1.8kΩ 1/4W ±5%		1
R12,21	88-131-222-01		2.2kΩ 1/4W ±5%		2
R17	88-131-272-01		2.7kΩ 1/4W ±5%		1
R57,90	88-131-332-01		3.3kΩ 1/4W ±5%		2
R71	88-131-392-01		3.9kΩ 1/4W ±5%		1
R49	88-131-472-01		4.7kΩ 1/4W ±5%		1
R59	88-131-682-01		6.8kΩ 1/4W ±5%		1
R25,51	88-131-103-01		10kΩ 1/4W ±5%		2
R74	88-131-123-01		12kΩ 1/4W ±5%		1
R73	88-131-153-01		15kΩ 1/4W ±5%		1
R92	88-131-273-01		27kΩ 1/4W ±5%		1
R41,60,63,76	88-131-333-01		33kΩ 1/4W ±5%		4
R91	88-131-393-01		39kΩ 1/4W ±5%		1
R48	88-131-823-01		82kΩ 1/4W ±5%		1
R3,43	88-131-104-01		100kΩ 1/4W ±5%		2
R55	88-131-124-01		120kΩ 1/4W ±5%		1
R26	88-181-220-01		22Ω 1/4W ±5% ELR		1
R5,6,35,52	88-181-101-01		100Ω 1/4W ±5% ELR		6
72,95					
R7,13,14,20	88-181-151-01		150Ω 1/4W ±5% ELR		4

MODEL AX-7550EE

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
R24,89	88-181-221-01		220Ω 1/4W ±5% ELR		2
R28,93	88-181-331-01		330Ω 1/4W ±5% ELR		2
R11	88-181-391-01		390Ω 1/4W ±5% ELR		1
R40	88-181-561-01		560Ω 1/4W ±5% ELR		1
R85,86	88-181-681-01		680Ω 1/4W ±5% ELR		2
R4,22,27	88-181-102-01		1kΩ 1/4W ±5% ELR		3
R45	88-181-222-01		2.2kΩ 1/4W ±5% ELR		1
R77,78	88-181-332-01		3.3kΩ 1/4W ±5% ELR		2
R9	88-181-392-01		3.9kΩ 1/4W ±5% ELR		1
R88	88-181-472-01		4.7kΩ 1/4W ±5% ELR		1
R42,83,84	88-181-562-01		5.6kΩ 1/4W ±5% ELR		3
R37	88-181-682-01		6.8kΩ 1/4W ±5% ELR		1
R47,58	88-181-822-01		8.2kΩ 1/4W ±5% ELR		2
R32,33,38,66	88-181-103-01		10kΩ 1/4W ±5% ELR		4
R65	88-181-123-01		12kΩ 1/4W ±5% ELR		1
R67	88-181-153-01		15kΩ 1/4W ±5% ELR		1
R70,97	88-181-183-01		18kΩ 1/4W ±5% ELR		2
R39,64	88-181-223-01		22kΩ 1/4W ±5% ELR		2
R44	88-181-273-01		27kΩ 1/4W ±5% ELR		1
R34,68	88-181-333-01		33kΩ 1/4W ±5% ELR		2
R2	88-181-473-01		47kΩ 1/4W ±5% ELR		1
R46	88-181-563-01		56kΩ 1/4W ±5% ELR		1
R50,69	88-181-104-01		100kΩ 1/4W ±5% ELR		2
R79,82	88-181-124-01		120kΩ 1/4W ±5% ELR		2
R80,81	88-181-154-01		150kΩ 1/4W ±5% ELR		2
R87	88-152-101-01		100Ω 1W ±10%		1
C37,69,70	88-337-590-01		<Capacitors>		3
C34,35,42,45	88-337-100-01		0.47μF 50V Electrolytic		7
49,56,64			1μF 50V Electrolytic		
C65	88-337-500-01		4.7μF 50V Electrolytic		1
C12	88-336-110-01		10μF 25V Electrolytic		1
C86	88-336-310-01		33μF 25V Electrolytic		1
C24,90,95	88-335-110-01		10μF 16V Electrolytic		3
C66,84	88-335-510-01		47μF 16V Electrolytic		2
C72,73	88-333-310-01		33μF 10V Electrolytic		2
C97	88-617-530-01		360pF Styrol		1
C60	88-617-550-01		470pF Styrol		1
C62	87-015-106-01		0.47μF 6V Aluminum solid		1
C74,93	88-707-660-01		0.0022μF Mylar		2
C76,81	88-707-750-01		0.0082μF Mylar		2
C58,89	88-717-810-01		0.01μF Mylar		2
C67,68	88-707-820-01		0.015μF Mylar		2
C77,78,79,82	88-707-880-01		0.018μF Mylar		4
C47,52	88-717-830-01		0.022μF Mylar		2
C75,80	88-707-890-01		0.027μF Mylar		2
C71	88-717-840-01		0.033μF Mylar		1
C43,61	88-717-850-01		0.047μF Mylar		2
C57	88-717-980-01		0.056μF Mylar		1
C63	88-717-930-01		0.22μF Mylar		1
C27,28	88-212-150-01		15pF Ceramic		2
C13	88-212-220-01		24pF Ceramic		1
C7,22	88-212-410-01		100pF Ceramic		2
C20,21	88-212-420-01		120pF Ceramic		2
C59	88-212-550-01		470pF Ceramic		1
C5	88-213-020-01		2pF Ceramic		1
C32	88-213-040-01		4pF Ceramic		1
C1,4,6	88-213-060-01		6pF Ceramic		3
C29	88-213-070-01		7pF Ceramic		1
C91	88-213-090-01		9pF Ceramic		1
C17	88-214-610-01		0.001μF Ceramic		1
C3,26,40,51	88-214-720-01		0.0047μF Ceramic		8
53,54,87,94					

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
C39,41,88	88-214-810-01		0.01 μ F Ceramic		3
C23	88-215-610-01		0.001 μ F Ceramic		1
C2,8,9,10,11, 14,15,16,18, 25,33,36,38, 44,46,48,50, 55,83,85,92, 96	88-215-810-01		0.01 μ F Ceramic		22
C19	88-215-850-01		0.047 μ F Ceramic		1
C31	88-251-212-01		22pF Ceramic		1
C30	88-211-110-01		0.5pF Ceramic		1
PRE AMP/SELECTOR SWITCH-1 CIRCUIT BOARD SECTION					
PCB-8	82-473-712-01		PRE AMP/SELECTOR SWITCH-1 Circuit board	*	1
TR501,502	89-107-505-01		Transistor, 2SA-750 (E)		2
TR503,504	89-314-005-01		Transistor, 2SC-1400 (E)		2
S1,2,3,4,5,6	82-473-638-01		Push switch (SELECTOR SWITCH)	*	1
S7,8,9,10	82-473-639-01		Push switch (AFC, FM MUTING, LOUDNESS, STEREO)	*	1
PIN 7	87-032-437-01		3P mini plug		1
PIN 1,8,10	87-032-653-01		Pin 3P		3
PIN 2,3,12	87-032-654-01		Pin 4P		3
PIN 6,	87-032-655-01		Pin 5P		1
PIN 5,11	87-032-656-01		Pin 6P		2
PIN 4,9	87-032-657-01		Pin 7P		2
< Resistors >					
R513,514	88-131-331-01		330 Ω 1/4W $\pm$ 5%		2
R533,534,539 540	88-131-102-01		1k Ω 1/4W $\pm$ 5%		4
R523,524	88-131-112-01		1.1k Ω 1/4W $\pm$ 5%		2
R507,508	88-131-182-01		1.8k Ω 1/4W $\pm$ 5%		2
R519,520	88-131-332-01		3.3k Ω 1/4W $\pm$ 5%		2
R521,522	88-131-562-01		5.6k Ω 1/4W $\pm$ 5%		2
R543,544	88-131-103-01		10k Ω 1/4W $\pm$ 5%		2
R501,502	88-131-123-01		12k Ω 1/4W $\pm$ 5%		2
R509,510,525 526,541,542	88-131-223-01		22k Ω 1/4W $\pm$ 5%		6
R505,506	88-131-333-01		33k Ω 1/4W $\pm$ 5%		2
R527,528,529 530,535,536	88-131-473-01		47k Ω 1/4W $\pm$ 5%		6
R515,516,531 532	88-131-104-01		100k Ω 1/4W $\pm$ 5%		4
R503,504	88-131-224-01		220k Ω 1/4W $\pm$ 5%		2
R537,538	88-131-394-01		390k Ω 1/4W $\pm$ 5%		2
R545,546	88-141-332-01		3.3k Ω 1/2W $\pm$ 5%		2
R547	88-141-392-01		3.9k Ω 1/2W $\pm$ 5%		1
R548	88-141-472-01		4.7k Ω 1/2W $\pm$ 5%		1
R511,512	82-473-705-01		6.8k Ω 1W Metal film	*	2
< Capacitors >					
C515,516	88-337-120-01		100 μ F 50V Electrolytic		2
C507,508	88-332-310-01		33 μ F 6.3V Electrolytic		2
C513,514	88-332-320-01		330 μ F 6.3V Electrolytic		2
C503,504	87-015-244-01		4.7 μ F 50V Electrolytic		2
C511,512	82-473-681-01		4.7 μ F 50V Electrolytic	*	2
C521,522	88-707-830-01		0.022 μ F Mylar		2
C501,502	88-212-290-01		47pF Ceramic		2
C509,510	88-212-100-01		10pF Ceramic		2
C505,506	88-212-410-01		100pF Ceramic		2
C519,520	88-212-460-01		180pF Ceramic		2

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
SELECTOR SWITCH-2 CIRCUIT BOARD SECTION					
PCB-C	82-473-714-11		SELECTOR SWITCH-2 circuit board	*	1
MUTING CIRCUIT BOARD SECTION					
PCB-D	82-473-713-01		MUTING circuit board	*	1
TR301,302 303,304 306,308 309	89-309-456-01		Transistor, 2SC-945L (P)		7
TR305,307 D301,302,305 307,308	89-104-954-01 88-052-188-11		Transistor, 2SA-495 (Y) Diode, 1S-188 (FM)		2 5
D303,304,306 PIN22 PIN21	87-027-097-01 87-032-653-01 87-032-654-01		Diode, 1S-1555 Pin 3P Pin 4P		3 1 1
R314 R308,311 R318 R315 R309 R310 R313,316,317 R301,302,303 R306,304 R312 R305 R307	88-131-561-01 88-131-102-01 88-131-152-01 88-131-222-01 88-131-392-01 88-131-562-01 88-131-682-01 88-131-103-01 88-131-333-01 88-131-473-01 88-131-563-01 88-131-104-01		<Resistors> 560Ω 1/4W ±5% 1kΩ 1/4W ±5% 1.5kΩ 1/4W ±5% 2.2kΩ 1/4W ±5% 3.9kΩ 1/4W ±5% 5.6kΩ 1/4W ±5% 6.8kΩ 1/4W ±5% 10kΩ 1/4W ±5% 33kΩ 1/4W ±5% 47kΩ 1/4W ±5% 56kΩ 1/4W ±5% 100kΩ 1/4W ±5%		1 2 1 1 1 1 3 3 2 1 1 1
C301 C302	88-336-300-01 88-336-500-01		<Capacitors> 3.3μF 25V Electrolytic 4.7μF 25V Electrolytic		1 1
JACK/EQUALIZER AMP CIRCUIT BOARD SECTION					
PCB-E	82-473-608-21		JACK/EQUALIZER AMP circuit board	*	1
TR401,402 403,404 TR405,406 407,408 TR409,410 J1,2,3,4,5,6 7,8,9,10,11 12,13	82-473-644-01 82-473-645-01 89-317-354-01 82-473-625-11		Transistor, 2SA-750 (DA) Transistor, 2SC-1400 (DA) Transistor, 2SC-1735 (E) Jack ass'y (12P pin jack, DIN jack PHONO, AUX, TAPE-1, TAPE-2, REC/PB)	*	4 4 2 1
R413,414 R401,402 R419,420 R429,430 R407,408,409 410 R403,404 R415,416,417 418 R423,424,431 432 R411,412 R433,434 R405,406 R421,422 R427,428 R425,426	88-131-112-01 88-131-152-01 88-131-182-01 88-131-222-01 88-131-303-01 88-131-563-01 88-131-623-01 88-131-104-01 88-131-184-01 88-131-394-01 88-131-105-01 82-473-676-01 82-473-683-01 82-473-716-01		<Resistors> 1.1kΩ 1/4W ±5% 1.5kΩ 1/4W ±5% 1.8kΩ 1/4W ±5% 2.2kΩ 1/4W ±5% 30kΩ 1/4W ±5% 56kΩ 1/4W ±5% 62kΩ 1/4W ±5% 100kΩ 1/4W ±5% 180kΩ 1/4W ±5% 390kΩ 1/4W ±5% 1MΩ 1/4W ±5% 3.9kΩ 1W ±1% Metal film 68.1kΩ ±1% Metal film 953kΩ ±1% Metal film		2 2 2 2 4 2 4 4 2 2 2 2 2 2 2

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
C411,412	82-475-628-01		<Capacitors> 2.2μF 50V Electrolytic (BP) 15μF 10V Electrolytic (BP) 4.7μF 50V Electrolytic (LR) 10μF 50V Electrolytic 1100pF PP 3900pF PP 47pF Ceramic 220pF Ceramic 1000pF Ceramic	AF-3060 * * * * * * *	2
C407,408	82-473-715-01				2
C401,402	87-015-244-01				2
C413,414	88-337-110-01				2
C417,418	82-473-685-01				2
C415,416	82-473-684-01				2
C409,410	88-212-290-01				2
C403,404	88-212-480-01				2
C405,406	88-218-610-01				2
» MAIN AMP CIRCUIT BOARD SECTION «					
PCB-F	82-473-605-11		MAIN AMP circuit board	*	1
TR701,702	89-107-336-01		Transistor, 2SA-733 (P)		2
TR703,704	89-107-985-01		Transistor, 2SA-798 (G)		2
TR705,706	89-317-353-01		Transistor, 2SC-1735 (D)		4
707,708					
TR709,710	89-108-503-01		Transistor, 2SA-850 (D)		2
TR715,716	89-309-458-01		Transistor, 2SC-945L (R)		2
TR717	89-107-196-01		Transistor, 2SA-719 (R)		1
D701,702	87-027-143-01		Zener diode, WZ-150		2
D703,704	82-473-611-01		Diode, STV-3H	*	2
D705,706,707	87-026-066-01		Diode, M8513 A-O		5
708,709					
L701,702	82-473-679-01		Coil, 2.2mH	*	2
SFR701,702	87-021-421-01		Semi-fixed resistor, 1kΩ-B		2
SFR703,704	87-021-433-01		Semi-fixed resistor, 470Ω-B		2
RY,S13	82-473-610-11		Relay	*	1
CB701,702	82-473-678-01		Circuit braker	*	2
PIN14	87-032-437-01		3P mini plug		3
PIN13	87-032-654-01		Pin 4P		1
» MAIN AMP CIRCUIT BOARD SECTION «					
R747	88-131-100-01		<Resistors> 10Ω 1/4W ±5% 680Ω 1/4W ±5% 1kΩ 1/4W ±5% 1.2kΩ 1/4W ±5% 1.5kΩ 1/4W ±5% 2.2kΩ 1/4W ±5% 8.2kΩ 1/4W ±5% 10kΩ 1/4W ±5% 15kΩ 1/4W 27kΩ 1/4W ±5% 100kΩ 1/4W ±5% 10Ω 1/2W ±5% 8.2kΩ 1/2W ±5% 10Ω 1W Metal film 220Ω 1W Metal film 0.47Ω 2W Metal film 15Ω 1W Metal film 2.2kΩ 1W Metal film 1.5kΩ 1W Metal film <Capacitors> 1μF 50V Electrolytic 33μF 50V Electrolytic 100μF 25V Electrolytic 220μF 6.3V Electrolytic		1
R713,714,717	88-131-681-01				4
718					
R748	88-131-102-01				1
R709,710,711	88-131-122-01				4
712					
R701,702,746	88-131-152-01				3
R707,708,715	88-131-222-01				6
716,727,728					
R725,726	88-131-822-01				2
R742,743,745	88-131-103-01				3
R705,706,723	88-131-153-01				4
724					
R744	88-131-273-01				1
R703,704	88-131-104-01				2
R729,730	88-141-100-01				2
R741	88-141-822-01				1
R739,740	82-473-616-01				2
R731,732,733	82-473-617-01				4
734					
R735,736,737	82-473-618-01				4
738					
R749	82-473-674-01				1
R721,722	82-473-707-01				2
R719,720	82-473-708-01				2
C720	88-337-100-01				1
C709,710	88-337-310-01				2
C723,724	88-336-120-01				2
C707,708	88-332-220-01				2

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
C719	88-437-100-01		1μF 50V Electrolytic		1
C701,702	87-015-245-01		10μF 50V Electrolytic (LR)		2
C721	82-473-619-01		100μF 25V Electrolytic (BP)	*	1
C722	88-717-610-01		0.001μF Mylar		1
C717,718	88-717-830-01		0.022μF Mylar		2
C705,706	88-717-910-01		0.1μF Mylar		2
C711,712	88-213-050-01		5pF Ceramic		2
C713,714	88-212-200-01		20pF Ceramic		2
C715,716	88-212-290-01		47pF Ceramic		2
C703,704	88-212-550-01		470pF Ceramic		2
»» CONTROL CIRCUIT BOARD SECTION ««					
PCB-G	82-473-603-11		CONTROL circuit board		1
TR601,602	89-107-505-01		Transistor, 2SA-750 (E)	*	3
606					
TR603,604	89-314-005-01		Transistor, 2SC-1400 (E)		3
605					
TR607	89-317-353-01		Transistor, 2SC-1735 (D)		1
VR601,602	82-473-612-11		Volume, 250kΩ-B (VOLUME)	*	1
VR603,604	82-473-613-11		Volume, 250kΩ-MN (BALANCE)	*	1
VR605,606	82-473-614-11		Volume, 50kΩ-A (TREBLE, BASS)	*	2
607,608					
VR609	82-473-615-01		Volume, 10kΩ-B (MIC, MIXING)	*	1
R611,612,617	88-181-331-01		<Resistors>		4
618			330Ω 1/4W ±5% ELR		
R605,606	88-181-561-01		560Ω 1/4W ±5% ELR		2
R637	88-181-681-01		680Ω 1/4W ±5% ELR		1
R629	88-181-162-01		1.6kΩ 1/4W ±5% ELR		1
R636	88-181-182-01		1.8kΩ 1/4W ±5% ELR		1
R623,624	88-181-392-01		3.9kΩ 1/4W ±5% ELR		2
R638	88-181-562-01		5.6kΩ 1/4W ±5% ELR		1
R625	88-181-682-01		6.8kΩ 1/4W ±5% ELR		1
R627	88-181-183-01		18kΩ 1/4W ±5% ELR		1
R607,608,633	88-181-223-01		22kΩ 1/4W ±5% ELR		3
R632	88-181-303-01		30kΩ 1/4W ±5% ELR		1
R603,604	88-181-333-01		33kΩ 1/4W ±5% ELR		2
R631	88-181-753-01		75kΩ 1/4W ±5% ELR		1
R628	88-181-104-01		100kΩ 1/4W ±5% ELR		1
R626	88-181-624-01		620kΩ 1/4W ±5% ELR		1
R630	88-181-684-01		680kΩ 1/4W ±5% ELR		1
R615,616	88-131-222-01		2.2kΩ 1/4W ±5%		2
R613,614	88-131-223-01		22kΩ 1/4W ±5%		2
R601,602	88-131-224-01		220kΩ 1/4W ±5%		2
R621,622	88-131-564-01		560kΩ 1/4W ±5%		2
R619	88-141-103-01		10kΩ 1/2W ±5%		1
R634,635	82-473-706-01		4.7kΩ 1W Metal film	*	2
R609,610	82-473-705-01		6.8kΩ 1W Metal film	*	2
C626	88-337-100-01		<Capacitors>		1
C625	88-337-500-01		1μF 50V Electrolytic		1
C624	87-015-242-01		4.7μF 50V Electrolytic		1
C601,602,621	87-015-244-01		2.2μF 50V Electrolytic (LR)		1
C611,612,628	82-473-681-01		4.7μF 50V Electrolytic (LR)		3
C605,606	88-332-120-01		4.7μF 50V Electrolytic (BP)	*	3
C609,610	88-332-320-01		100μF 6.3V Electrolytic		2
C613,614	88-707-680-01		330μF 6.3V Electrolytic		2
C615,616,617	88-707-820-01		0.0027μF Mylar		2
618			0.015μF Mylar		4
C619,620	88-707-970-01		0.082μF Mylar		2
C607,608	88-212-100-01		10pF Ceramic		2

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
C603,604,622 623	88-212-410-01		100pF Ceramic		4
C627	88-212-570-01		680pF Ceramic		1
« POWER CIRCUIT BOARD SECTION »					
PCB-H	82-473-602-11		POWER circuit board	*	1
TR801	89-313-846-01		Transistor, 2SC-1384 (R)		1
TR802	89-106-844-01		Transistor, 2SA-684 (R)		1
D801,802	87-027-144-01		Zener diode, WZ-350		2
D803,804,805 806,810	87-027-083-01		Diode, 1S-1885		5
D807	87-027-149-01		Diode, SS-3		1
D809	87-027-150-01		Diode, SS-3R		1
PIN17,18,19 20	87-032-437-01		3P mini plug		4
<Resistors>					
R802,805	88-131-101-01		100Ω 1/4W ±5%		2
R803,806	88-131-332-01		3.3kΩ 1/4W ±5%		2
R801	87-025-056-01		390Ω 2W Metal film		1
R804,807	82-473-708-01		1.5kΩ 1W Metal film	*	2
<Capacitors>					
C801,802,803 805,806	88-337-224-01		220μF 50V Electrolytic		5
C804,807	88-437-134-01		1000μF 50V Electrolytic		2
C812	88-335-524-01		470μF 16V Electrolytic		1
C813	88-717-910-01		0.1μF 50V Mylar		1
C808,809,810 811	88-238-810-01		0.01μF 500V Ceramic		4
« LED-1 CIRCUIT BOARD SECTION »					
PCB-I	82-473-672-11		LED-1 circuit board	*	1
D502,503	87-026-083-01		Light emitting diode, RED (FM, AM)		2
« LED-2 CIRCUIT BOARD SECTION »					
PCB-J	82-473-673-01		LED-2 circuit board	*	1
D501,504,505	87-026-088-01		Light emitting diode, GRN (PHONO, AUX, TAPE-2)		3
D506	87-026-087-01		Light emitting diode, RED (TAPE-1)		1
« LED-3 CIRCUIT BOARD SECTION »					
PCB-K	82-473-671-21		LED-3 circuit board	*	1
D902	87-026-083-01		Light emitting diode, RED (FM STEREO)		1
« DIN JACK CIRCUIT BOARD »					
PCB-L	82-473-601-01		DIN JACK circuit board	*	1
J15	87-032-678-01		5P DIN socket (TAPE-2)		1
« LAMP CIRCUIT BOARD SECTION »					
PCB-M	82-473-670-01		LAMP circuit board	*	1
PL906,907	82-473-634-01		Pilot lamp	*	2
	87-032-527-01		Pilot lamp clamp (PL906,907)		4
« ANTENNA CIRCUIT BOARD SECTION »					
PCB-N	82-473-727-01		Antenna circuit board	*	1
T902	87-006-047-01		FM balun		1
B,P,F	87-030-035-01		FM band pass filter		1
<Capacitor>					
C904	82-473-709-01		1000pF 250V Ceramic	*	1

MODEL AX-7550EE

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
<<MISCELLANEOUS>>					
T901	82-473-702-11		Power transformer	*	1
TR711,712	89-310-302-01		Transistor, 2SC-1030 (B)		2
TR713,714	89-107-562-01		Transistor, 2SA-756 (B)		2
LM901	82-473-637-01		Level meter (FM TUNING)	*	1
LM902	82-473-636-01		Level meter (SIGNAL)	*	1
J14	87-032-672-01		Mic jack 5.3φ (MIC)		1
J16	87-032-673-01		Phones jack (PHONES)		1
J17	82-457-697-01		Antenna socket (DIN FM)		1
J18	82-457-696-01		Antenna socket (DIN AM)		1
J19,20	82-473-703-01		SP terminal (SPEAKERS A, B)	*	1
S11	82-473-704-11		Rotary switch (SPEAKERS SELECTOR)	*	1
S12	87-031-342-01		Push switch (POWER)		1
S14,15	87-031-343-01		Slide switch (VOLTAGE SELECTOR-1,2)		2
L201	82-473-669-11		MW bar antenna coil	*	1
PL901,902	82-473-632-01		Pilot lamp	*	4
903,904					
PL905	82-473-633-21		Pilot lamp (TUNING POINTER)	*	1
F901,904,905	87-035-142-01		Fuse, 2A		3
	87-057-817-01		Fuse label, 2A		3
F902	87-035-102-01		Fuse, 3.15A		1
	87-057-807-01		Fuse label, 3.15A		1
F903	87-035-141-01		Fuse, 1.6A		1
	87-057-818-01		Fuse label, 1.6A		1
	82-473-717-01		Fuse holder 5P (F901,902,903,904,905)	*	1
	82-473-677-11		Transistor socket (TR711,712,713,714)	*	4
	82-473-609-01		Heat sink	*	1
	82-473-626-11		4P antenna terminal	*	1
	87-034-835-01		AC cord		1
CON10	87-032-503-01		Pilot lamp socket (PL901,902,903,904)		4
CON8	82-473-652-11		3P Connector ass'y	*	1
CON1	82-473-653-01		3P Connector ass'y	*	1
CON14	82-473-654-01		3P Connector ass'y	*	1
CON15	82-473-662-01		3P Connector ass'y	*	1
CON16	82-473-663-11		3P Connector ass'y	*	1
CON16	82-473-664-01		3P Connector ass'y	*	1
CON21	82-473-701-01		3P Connector ass'y	*	1
CON7,20	82-473-661-01		3P Connector ass'y	*	1
CON13	82-473-650-11		3P Connector ass'y	*	2
CON2	82-473-658-01		4P Connector ass'y	*	1
CON3	82-473-659-01		4P Connector ass'y	*	1
CON22	82-473-660-01		4P Connector ass'y	*	1
CON12	82-473-691-01		4P Connector ass'y	*	1
CON6	82-473-649-01		4P Connector ass'y	*	1
CON11	82-473-646-01		5P Connector ass'y	*	1
CON5	82-473-647-01		6P Connector ass'y	*	1
CON9	82-473-648-01		6P Connector ass'y	*	1
CON4	82-473-657-01		7P Connector ass'y	*	1
			<Resistor>		
R901,902	88-141-271-01		270Ω 1/2W ±5%		2
			<Capacitors>		
C901,902	82-473-623-01		4700μF x 2 35V Electrolytic	*	1
C903	88-214-810-01		0.01μF Ceramic		1

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