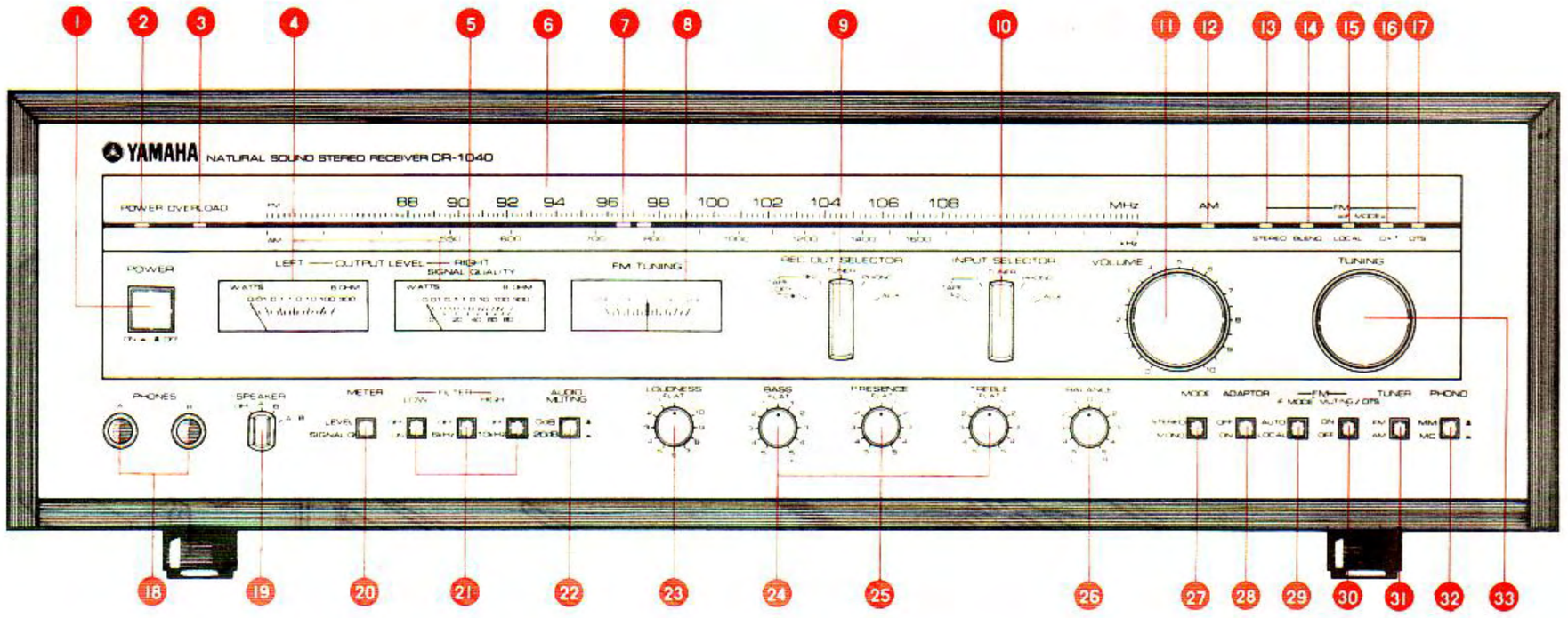
CR-1040

SERVICE MANUAL

■ FRONT PANEL



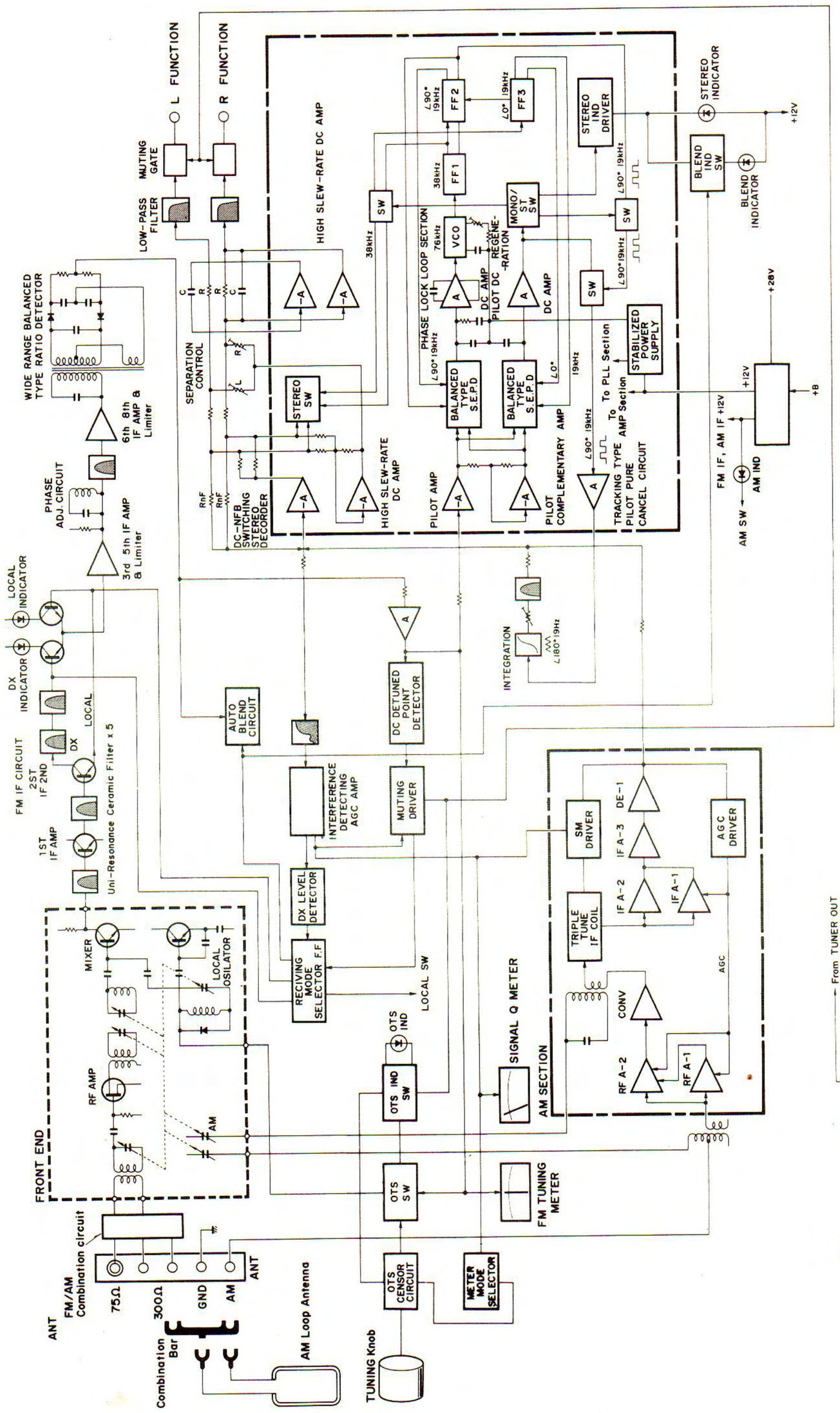
1. POWER SWITCH
2. POWER INDICATOR
3. OVERLOAD INDICATOR
4. LEVEL METERS
5. LEVEL/SIGNAL QUALITY METER
6. FM/AM TUNING SCALE
7. DIAL POINTER
8. FM TUNING METER
9. REC OUT SELECTOR
10. INPUT SELECTOR
11. VOLUME CONTROL
12. AM INDICATOR
13. STEREO INDICATOR
14. BLEND INDICATOR
15. LOCAL INDICATOR
16. DX INDICATOR
17. OTS INDICATOR
18. PHONES JACKS
19. SPEAKER SELECTOR SWITCH
20. METER SWITCH
21. LOW AND HIGH FILTERS SWITCH
22. AUDIO MUTING SWITCH
23. LOUDNESS CONTROL
24. BASS AND TREBLE CONTROLS
25. PRESENCE CONTROL
26. BALANCE CONTROL
27. MODE SWITCH
28. ADAPTOR SWITCH
29. IF MODE SWITCH
30. MUTING OTS SWITCH
31. TUNER FM/AM SWITCH
32. PHONO SWITCH
33. TUNING KNOB

004382

YAMAHA

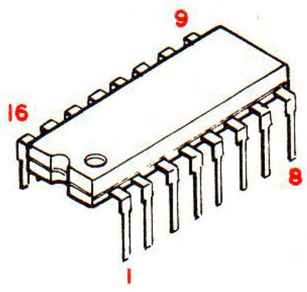
Printed in Japan 2. 80 0.1K

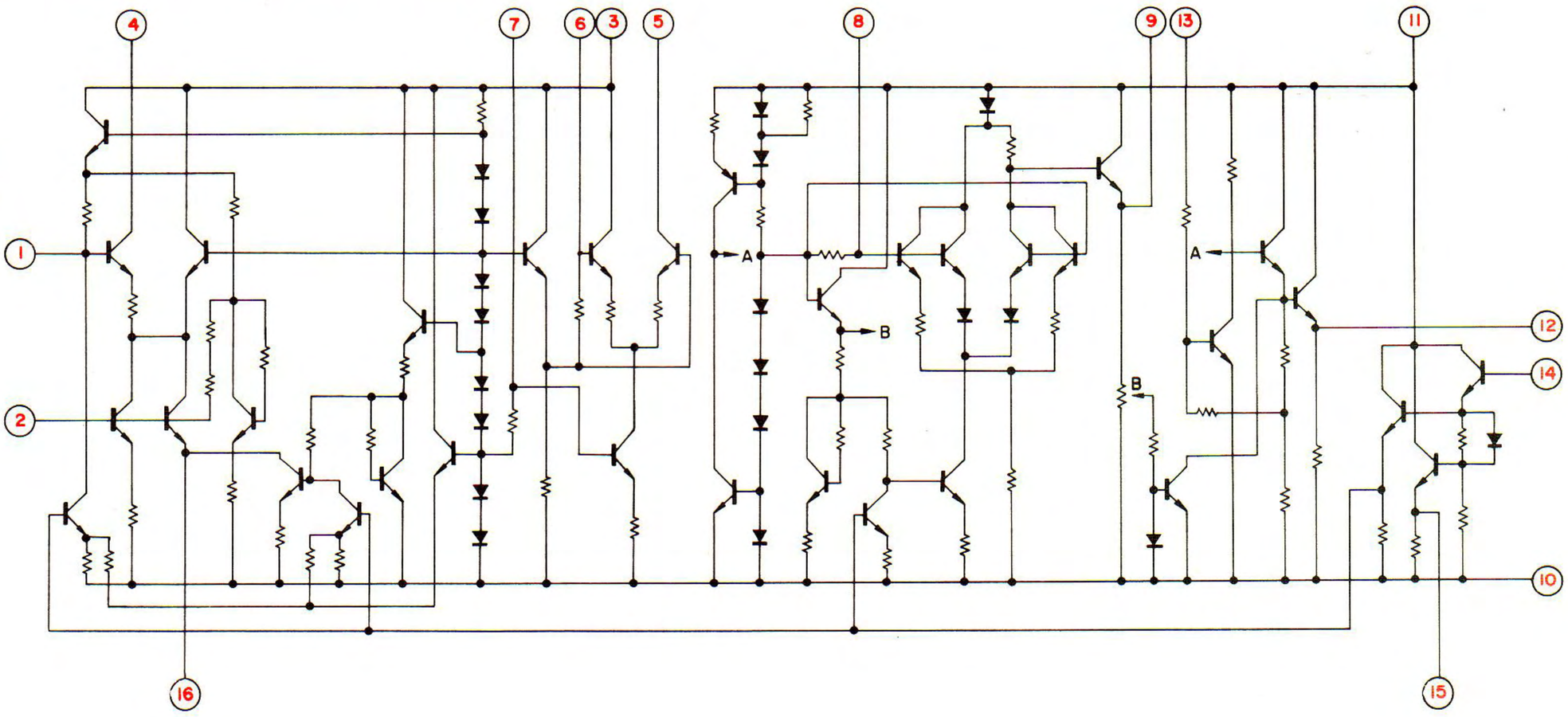
BLOCK DIAGRAM



INTEGRATED CIRCUITS

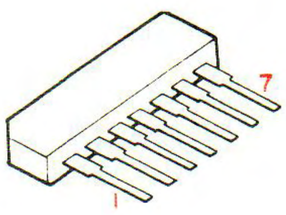
IC301 LA1240

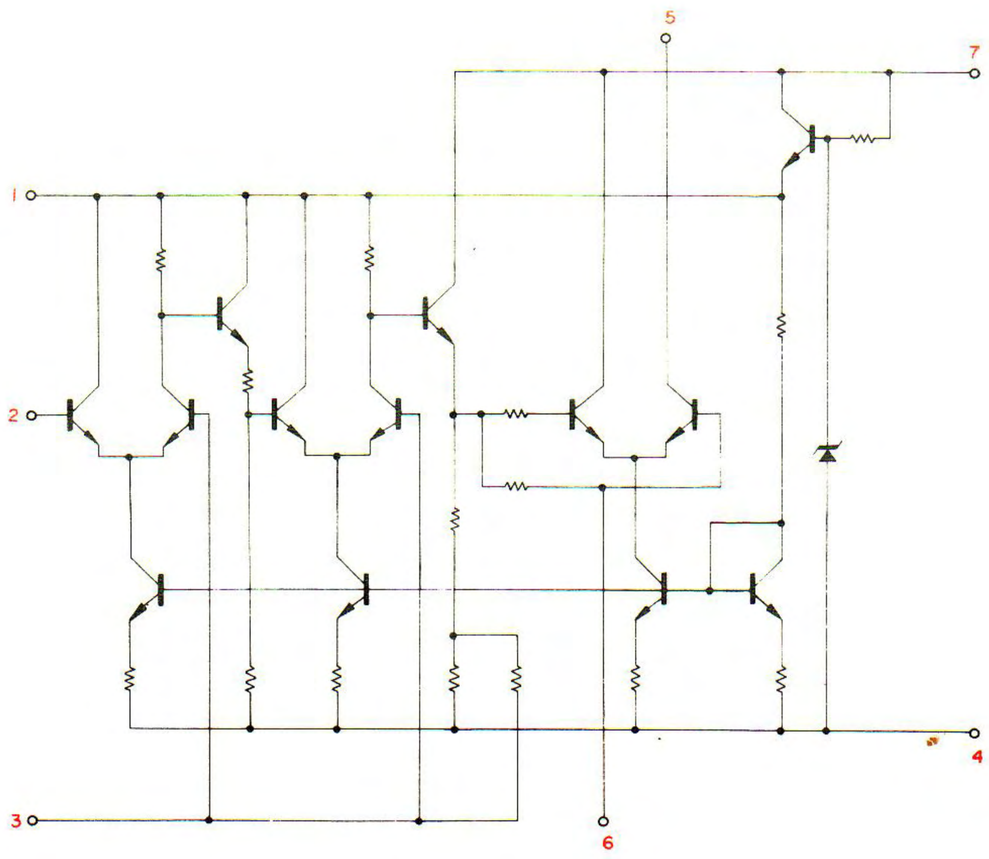




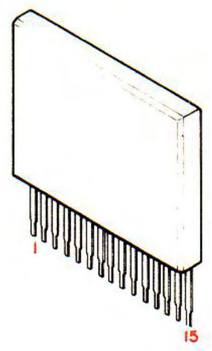
IC101, IC102

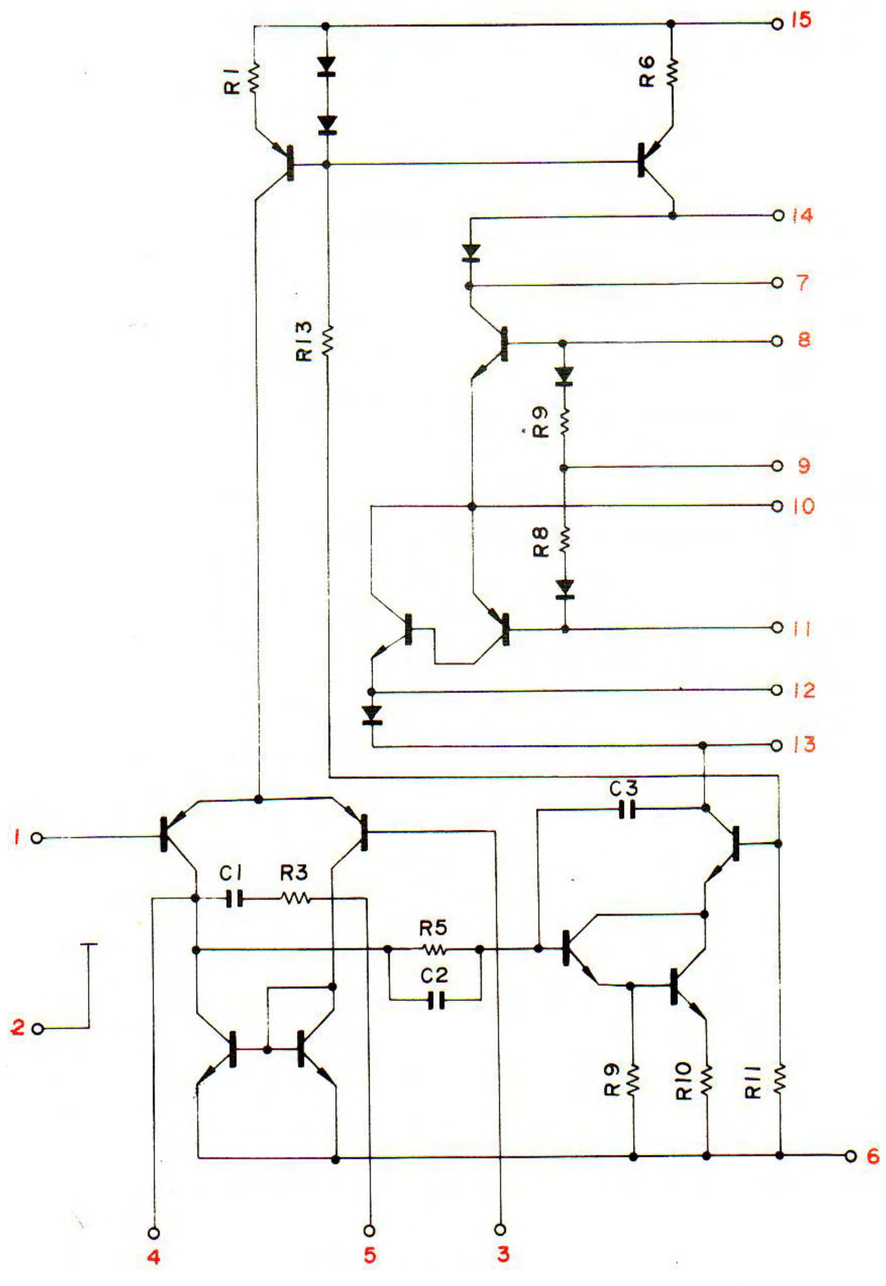
μPC577H





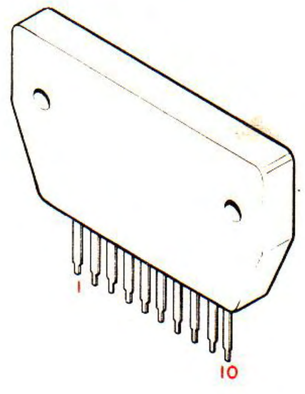
IC601 IC602 IG02940

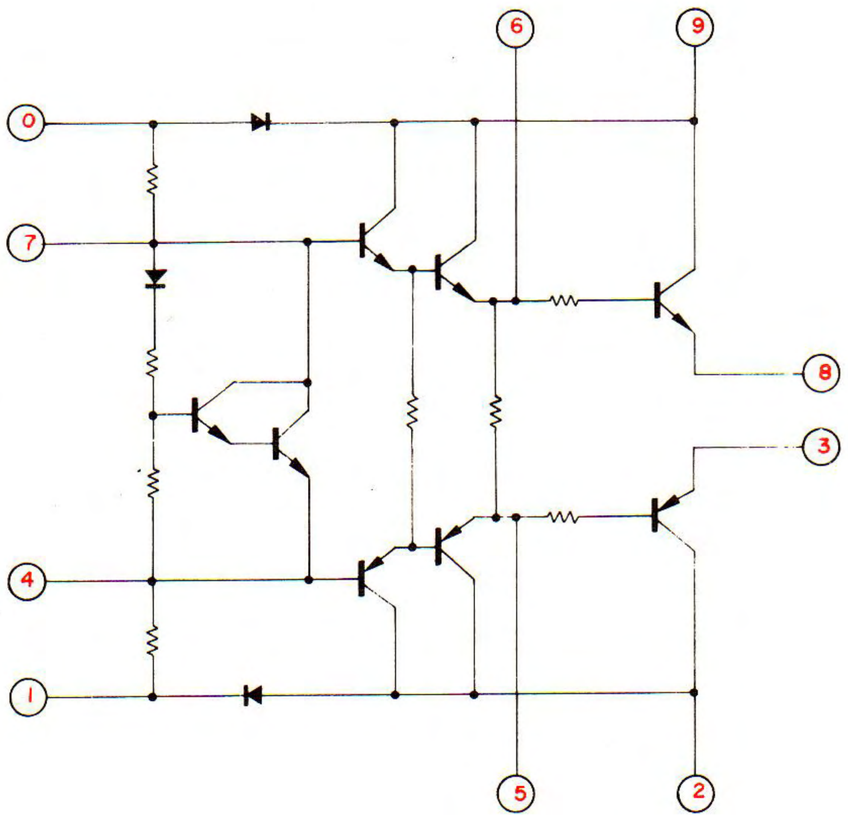




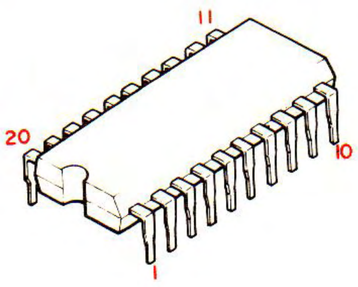
IC603 IC604

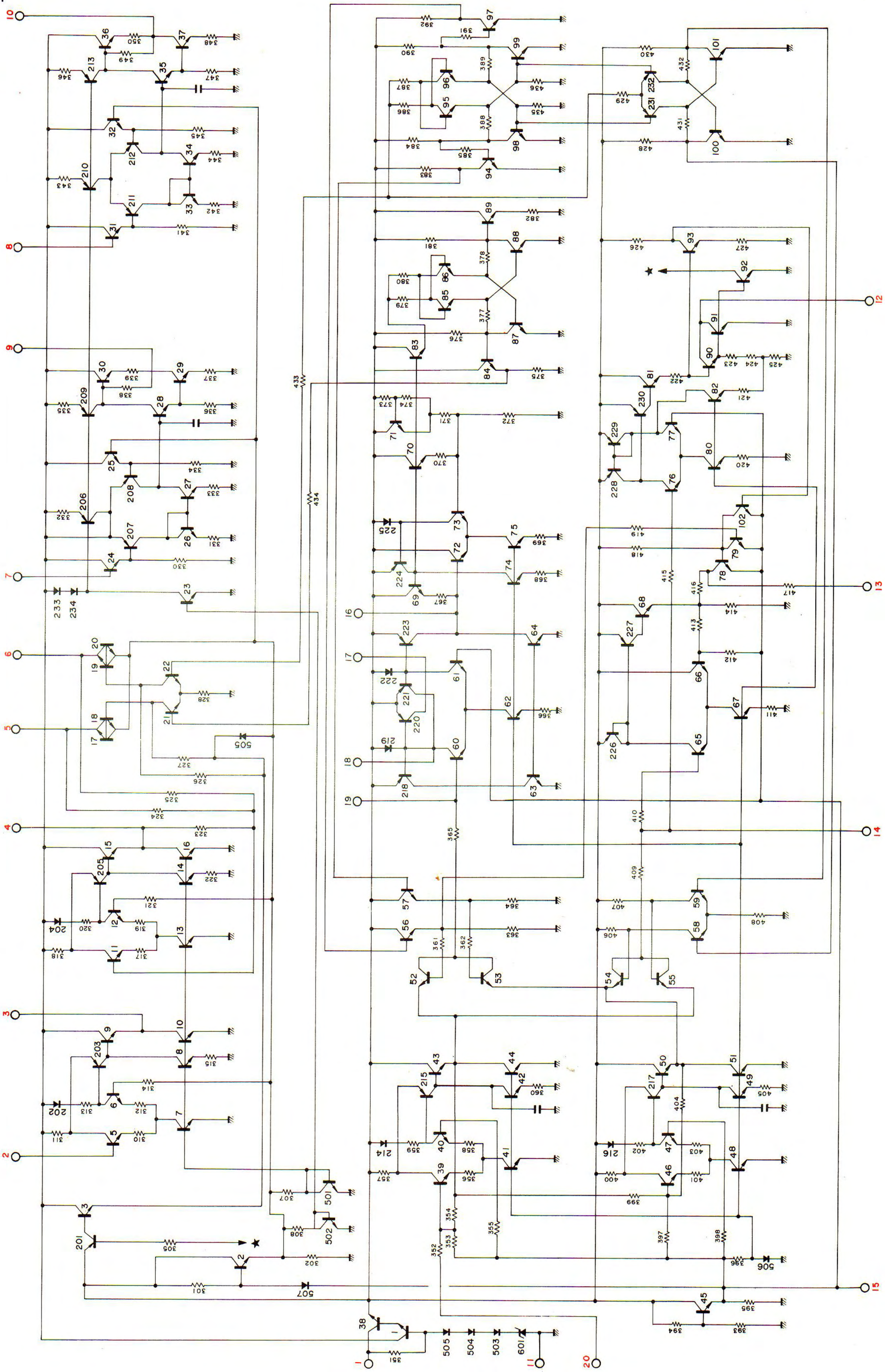
IG02970





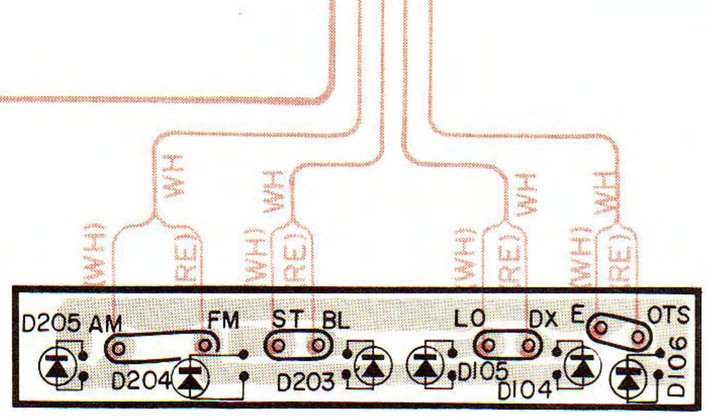
IC201 IG02920, IG02921



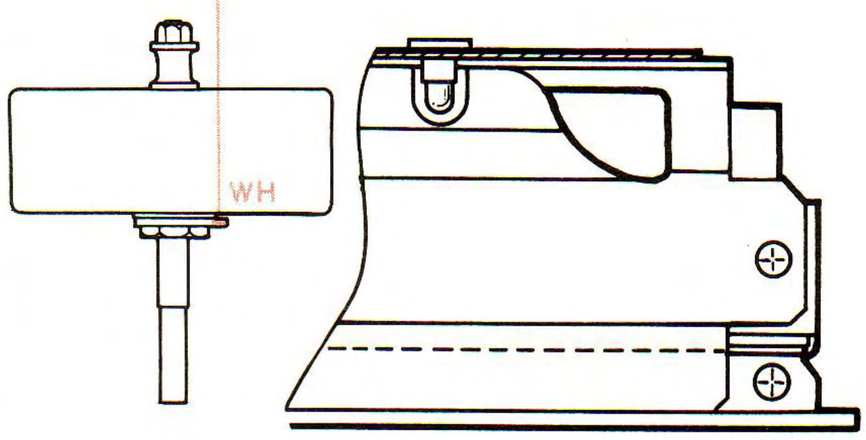


6	2.8		5.6	3.9
7	9.2	9.3	1.4	4
8			11.7	4
9				4.5
10				4.5
11				
12				10.5
13				3.3
14				3.6
15				4.1
16				4
17				1.5
18				1.5
19				4.1
20				4.1

	IC301	IC401	IC402
1	0 (0)	0	0
2	0 (0)		
3	0.3 (0)	−0.2	−0.2
4	0.3 (0)	−21.7	−21.7
5	0.3 (0)	−20.5	−20.5
6	0 (0)	−0.1	−0.1
7	0 (1.27)	−0.2	−0.2
8	0 (2.63)	21.3	21.3
9	0 (8.24)		
10	(0)		
11	0.3 (10.27)		
12	0 (2.23)		
13	0 (0.66)		
14	0 (2.19)		
15	0 (0.16)		
16	0 (1.16)		

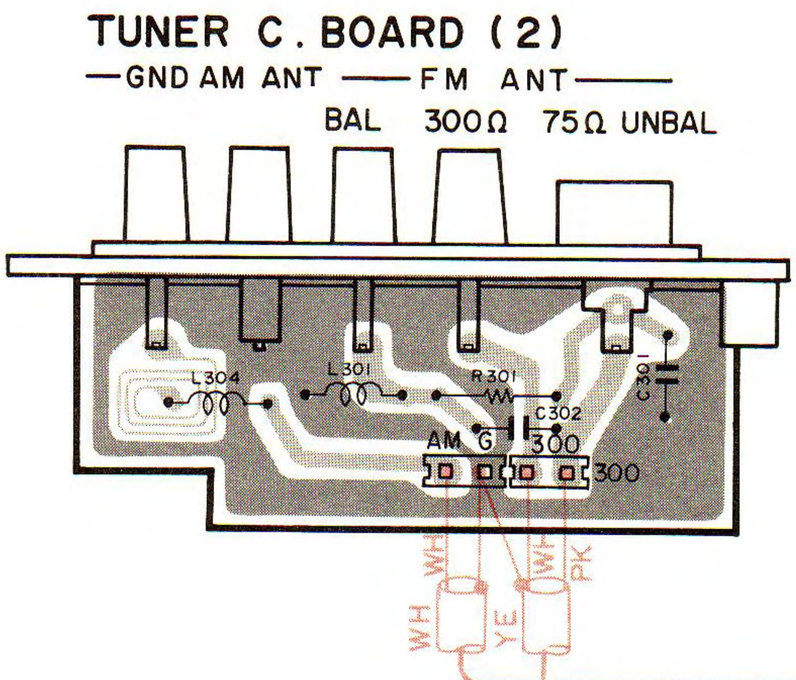


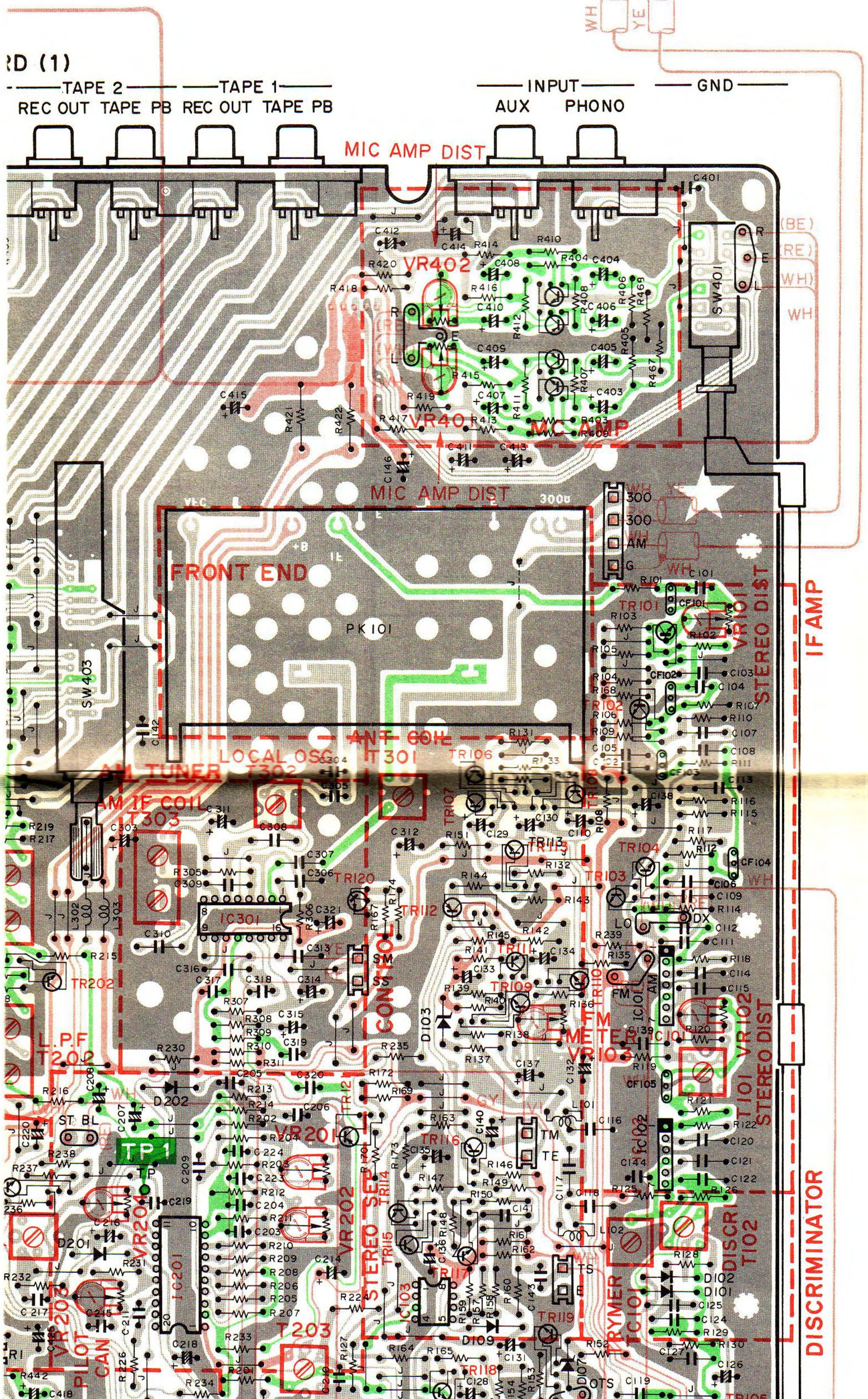
TUNER C. BOARD (4)



FLY WHEEL

AL, US & CANADIAN MODELS
ALIAN, BRITISH MODELS
OPEAN MODELS





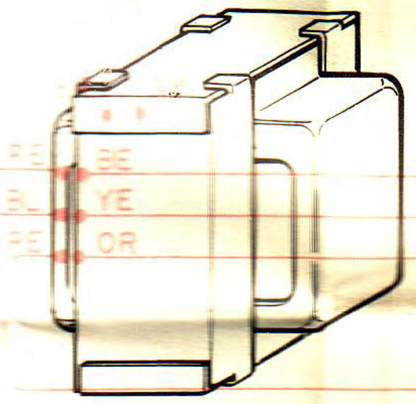
Tuner C. Board
TRANSISTOR, IC, VOLTAGE TABLE
( ) DX

	E	C	B
TR101	0	3.5	0.7
TR102	0.3	9.7	3.5
TR103	2.8	10.6	0
TR104	2.8	10.1	3.5
TR105		0	0.6
TR106		0	0.7
TR107	0	0	0.3
TR108		3.5	0
TR109	0	11.9	0.5
TR110		0.5	0
TR111	12	0	11.9
TR112	12	1.7	11.9
TR113		0	0.7
TR114	4.1	10.8	4.4
TR115	4.1	−1.4	4.4
TR116	11.6	8.3	10.9
TR117		10.7	−1.8
TR118	4.1	4.4	1.3
TR119		0.2	0.8
TR120		0	0.6
TR121	7.9	7.9	7.3
TR201	0	0	0.7
TR202	0	0	0.7
TR203	10.5	10.5	3.4
TR204	12	8.2	12
TR205	12.8	18.1	12

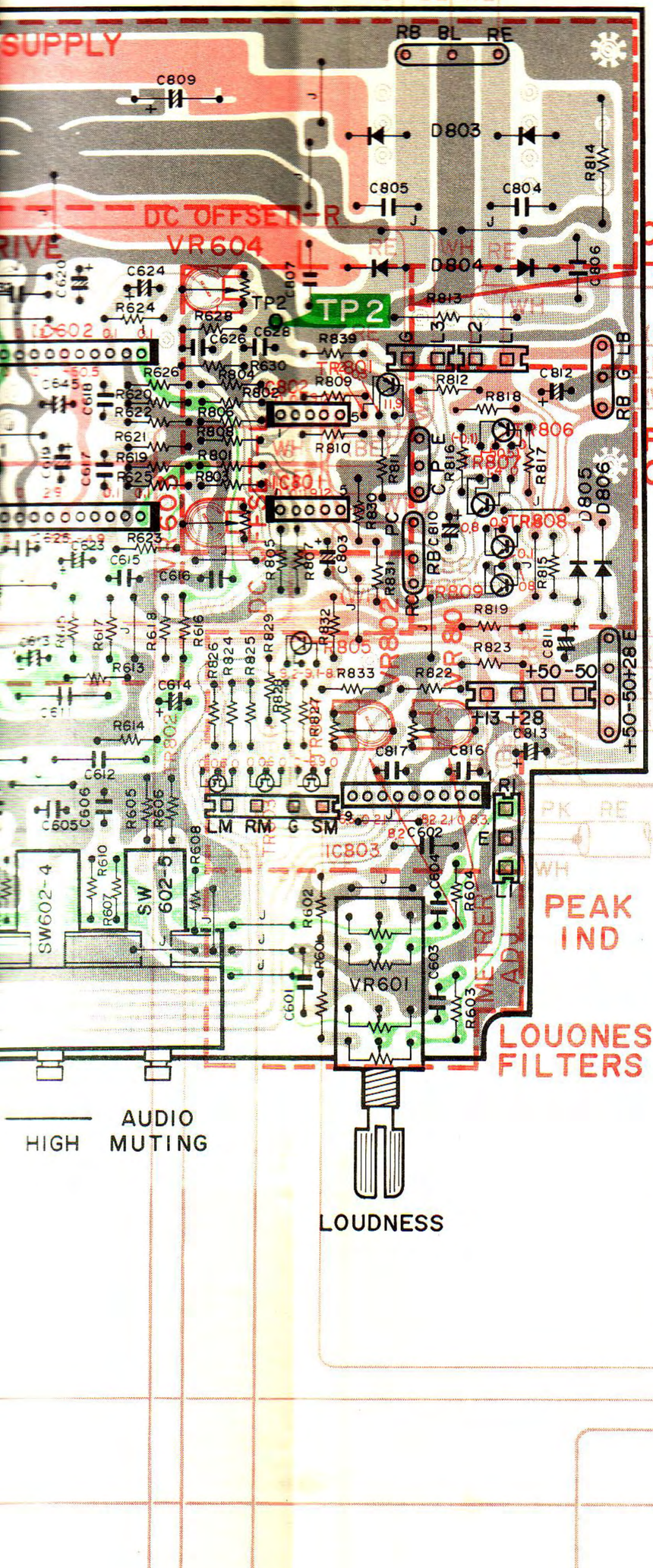
	IC101	IC102	IC103	IC201
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2	1.9	2.0	4.1	4
3	1.8	2.0	4.1	3.7
4	0	9.3		4.3
5		3	5.9	3.9
6	2.8		5.6	3.9
7	9.2	9.3	1.4	4
8			11.7	4
9				4.5
10				4.5
11				
12				10.5
13				3.3
14				3.6
15				4.1
16				4
17				1.5
18				1.5
19				4.1
20				4.1

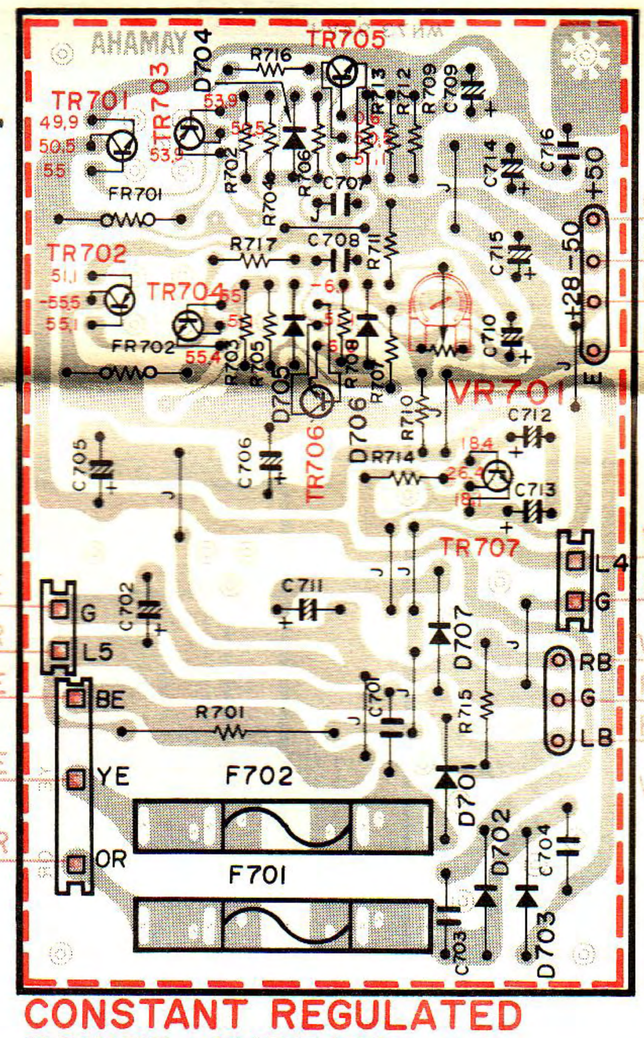
	IC301	IC401	IC402
1	0 (0)	0	0
2	0 (0)		
3	0.3 (0)	−0.2	−0.2
4	0.3 (0)	−21.7	−21.7
5	0.3 (0)	−20.5	−20.5
6	0 (0)	−0.1	−0.1
7	0 (1.27)	−0.2	−0.2
8	0 (2.63)	21.3	21.3
9	0 (8.24)		
10	(0)		
11	0.3 (10.27)		
12	0 (2.23)		
13	0 (0.66)		
14	0 (2.19)		

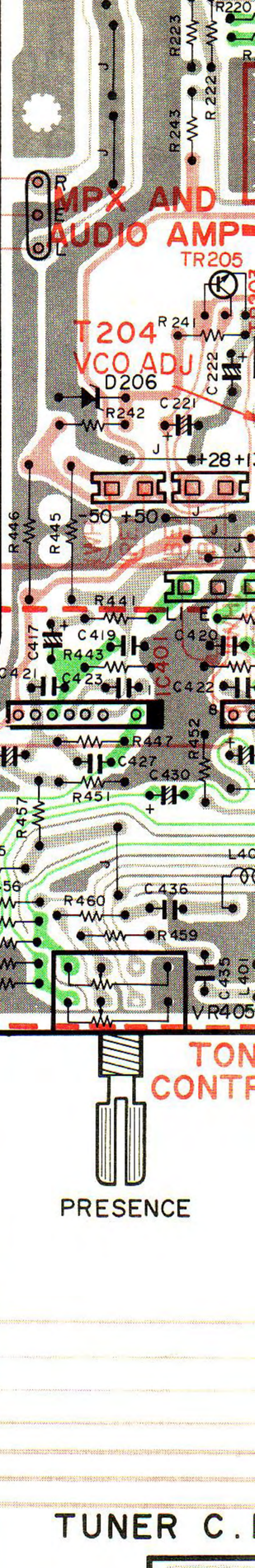
POWER TRANSFORMER

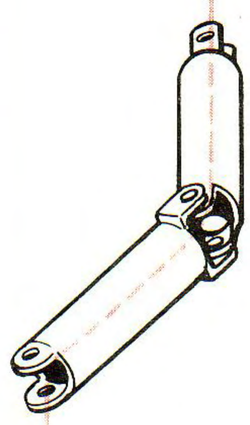


GA 624200	US & CANADIAN	MODELS
GA 075040	GENERAL	
GA 624500	N. EUROPEAN	
GA 624300	AUSTRALIAN	
	BRITISH	











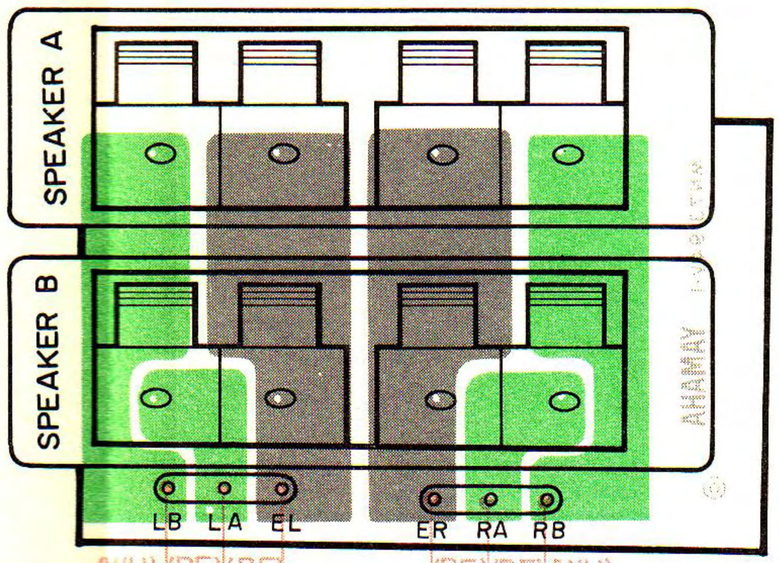


OPEAN

B201480

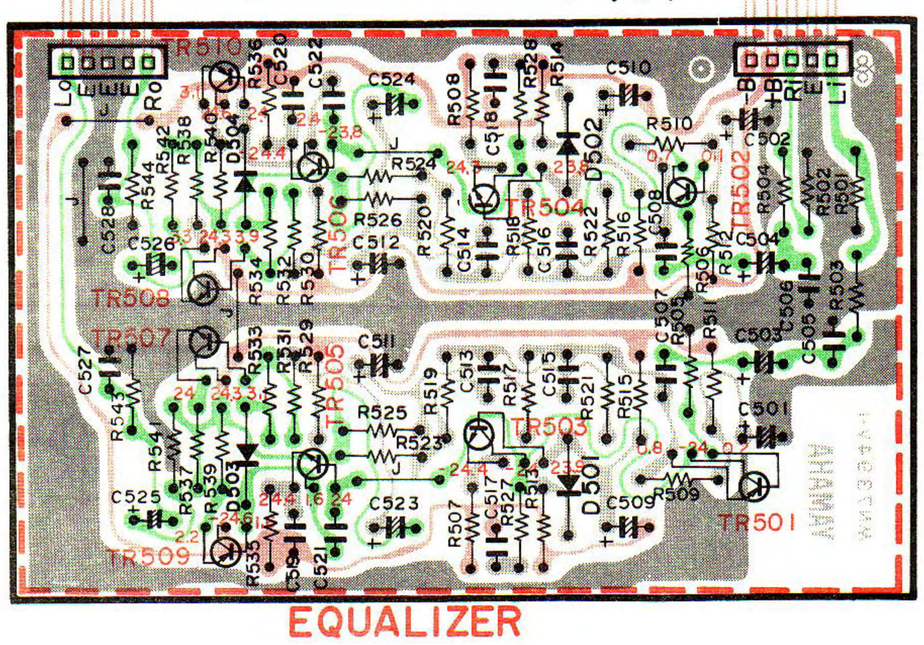
MAIN
CARD (3)

MAIN C. BOARD (4)



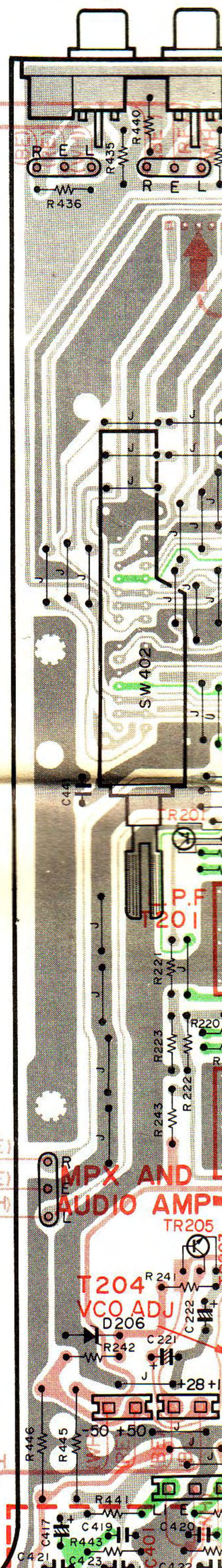
NA07265 GENER
NA07266 AUST
NA07254 N. EU

MAIN C. BOARD (6)



TUNER C. BOA

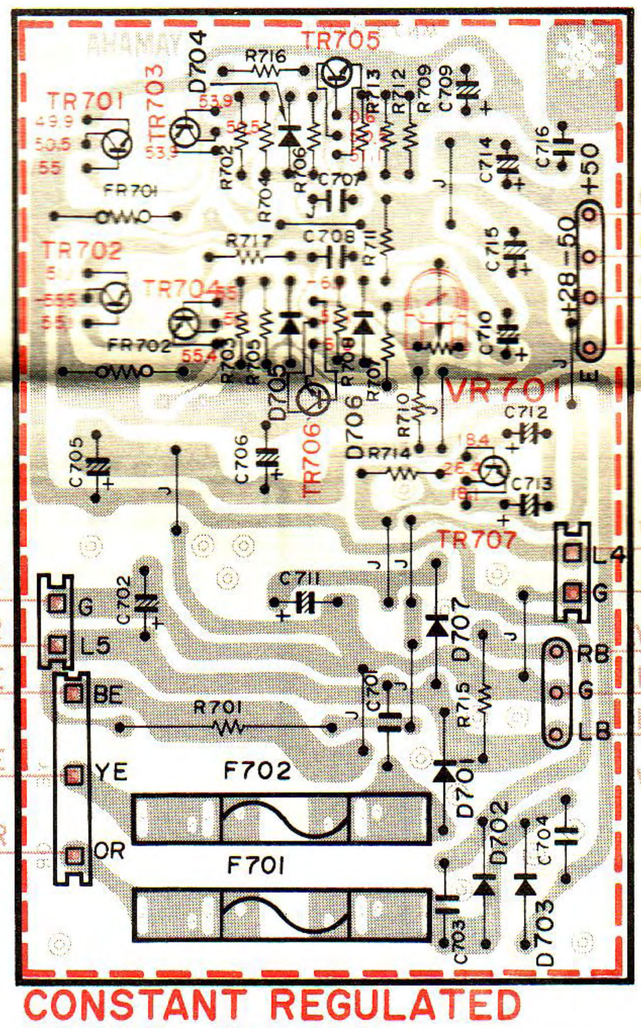
ADAPTOR
TO FROM

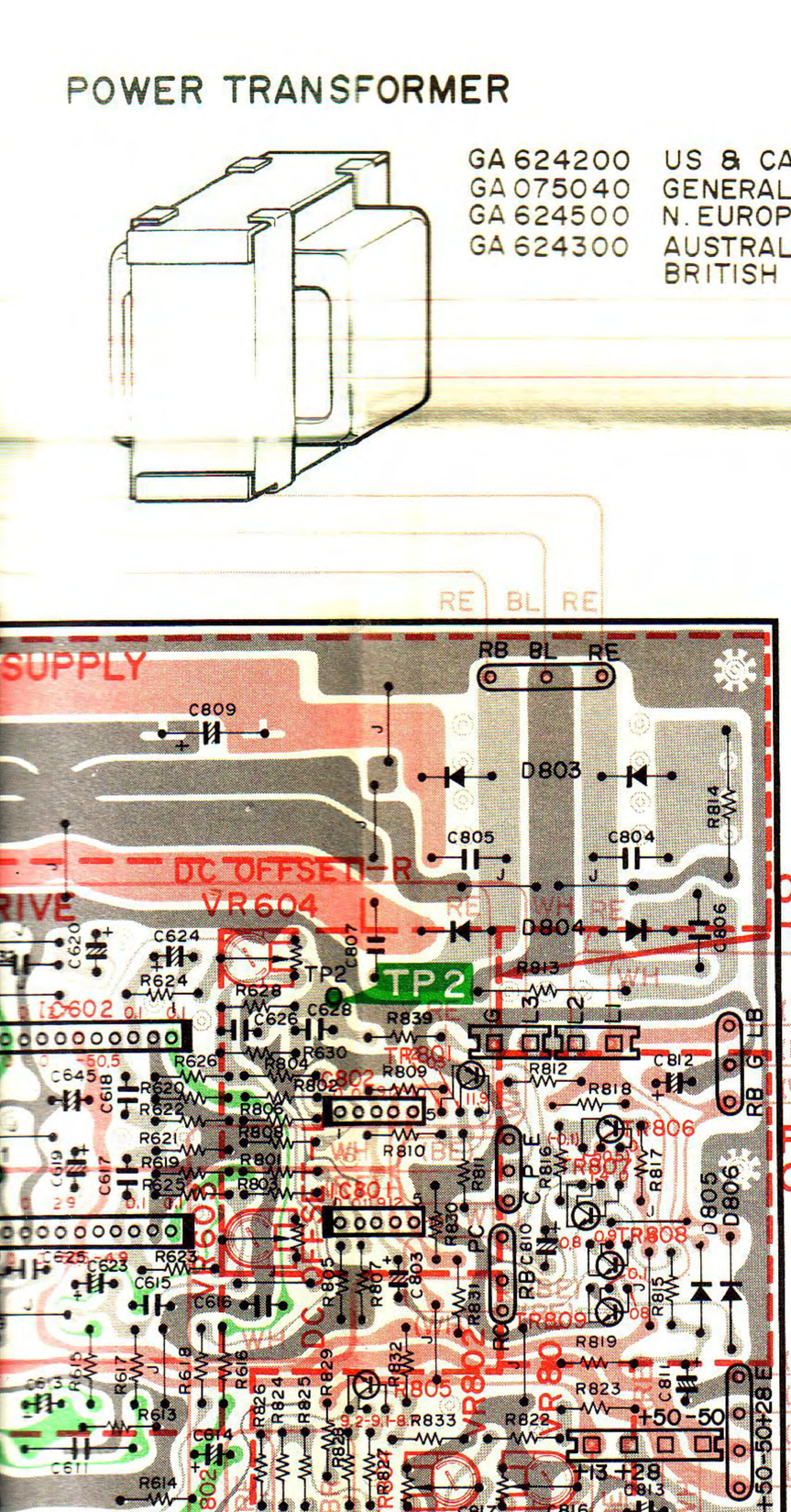


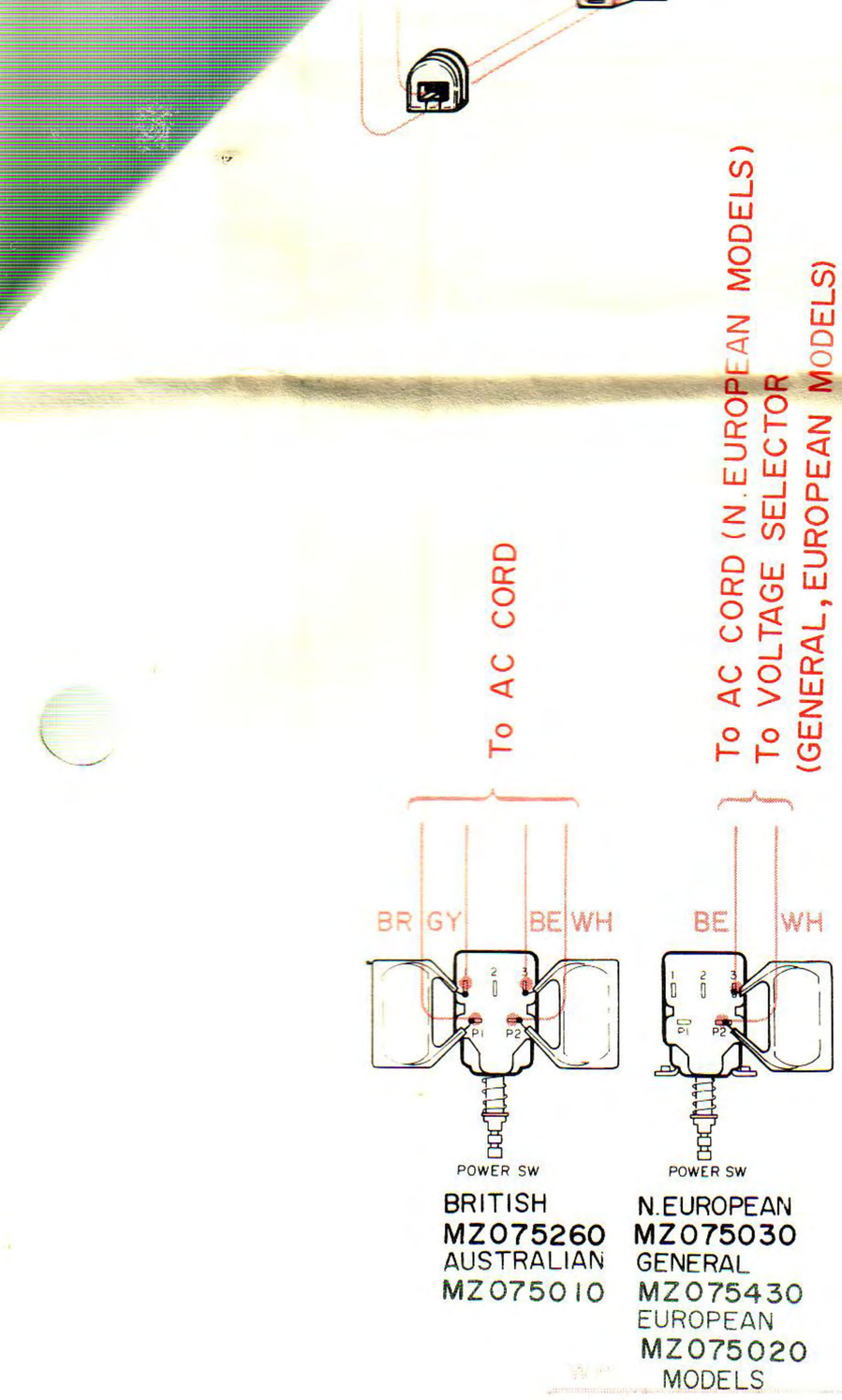
POWER TRANSFORMER

GA 624200	US & CANADIAN	MODELS
GA 075040	GENERAL	
GA 624500	N. EUROPEAN	
GA 624300	AUSTRALIAN BRITISH	

MAIN C. BOARD (2)

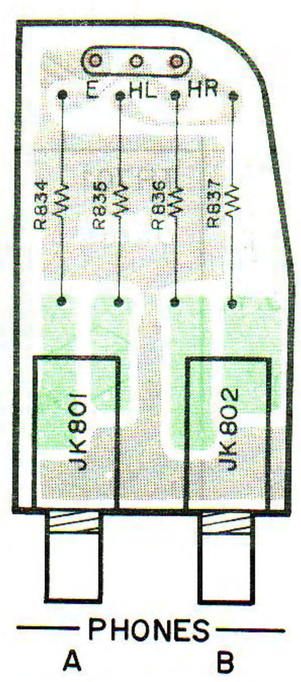




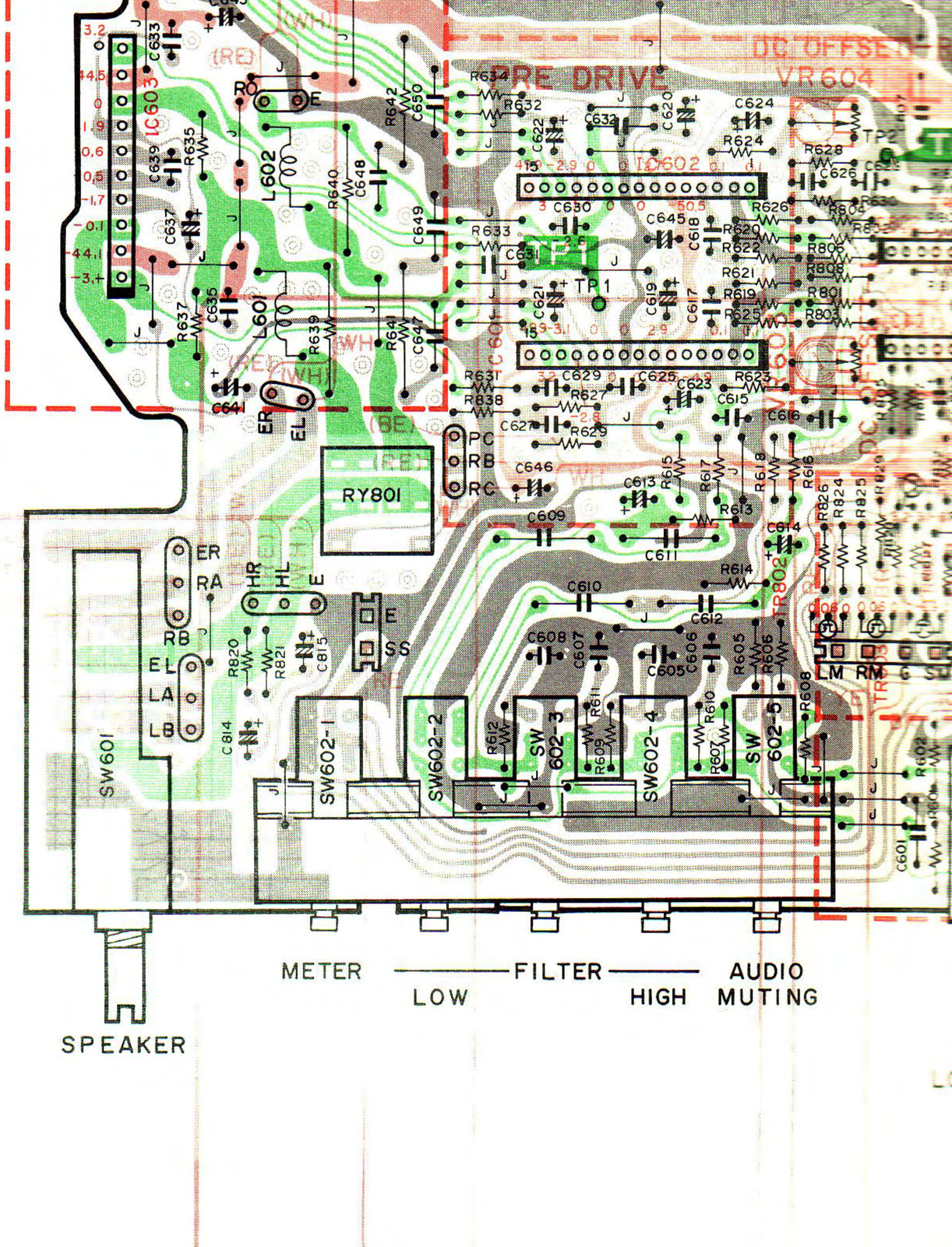


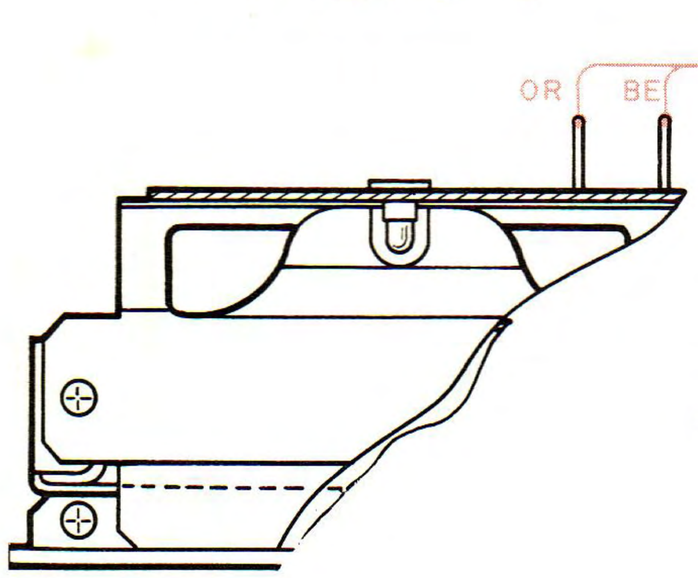
BRITISH
MZ075260
AUSTRALIAN
MZ075010

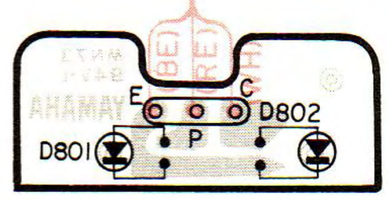
N.EUROPEAN
MZ075030
GENERAL
MZ075430
EUROPEAN
MZ075020
MODELS



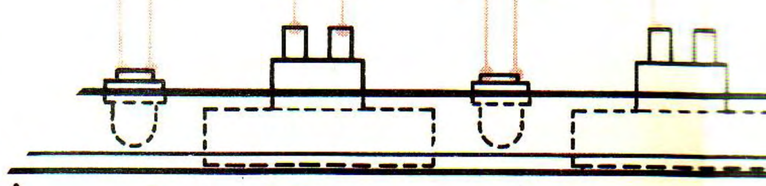
MAIN C.BOARD (3)







MAIN C. BOARD (5)



US, CANADIAN MODELS

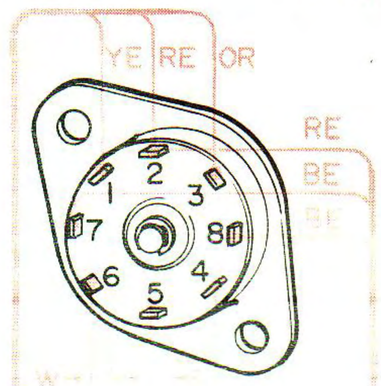
MZ075440 US MODEL
MZ075450 CANADIAN MODEL

WIRING DIAGRAM

+B1,+B2,−B1
GROUND
SIGNAL PATH
THE OTHER PATTERN

GENERAL, EUROPEAN MODEL ONLY

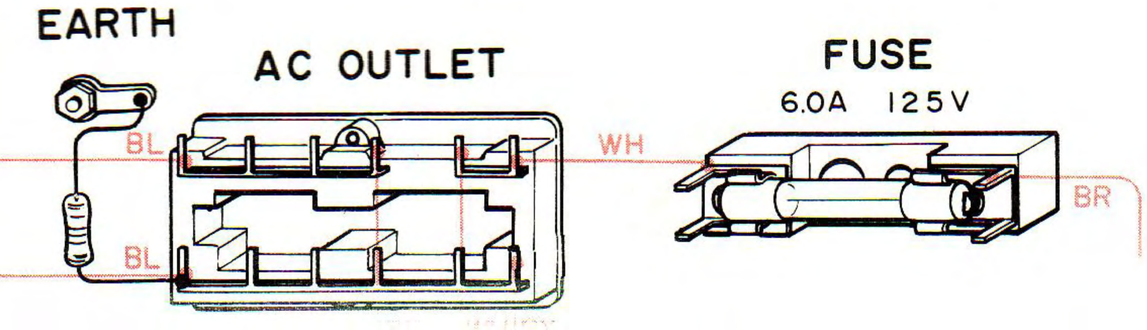
LB201480



MAIN C

SPEAKER A

SPEAKER B

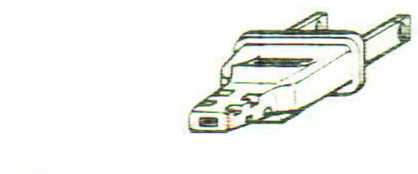


AC COAD

MG000780	GENERAL	
MG000920	AUSTRALIAN	MODELS
MG000860	N.EUROPEAN	
MZ072890	BRITISH	

US, CANADIAN MODELS

MG000840





To AC CORD

To AC CORD (N.EUROPEAN MODELS)
To VOLTAGE SELECTOR
(GENERAL, EUROPEAN MODELS)

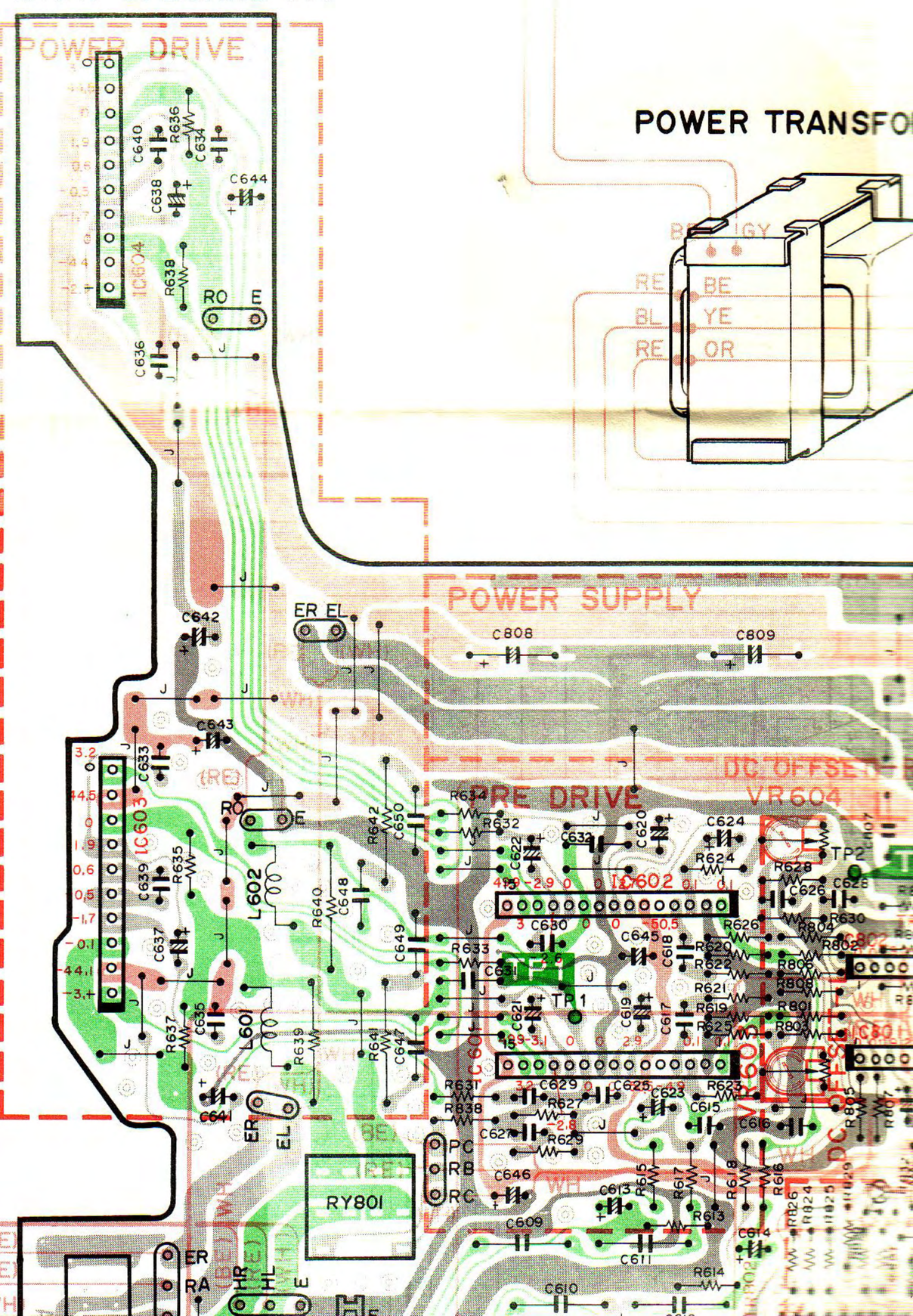


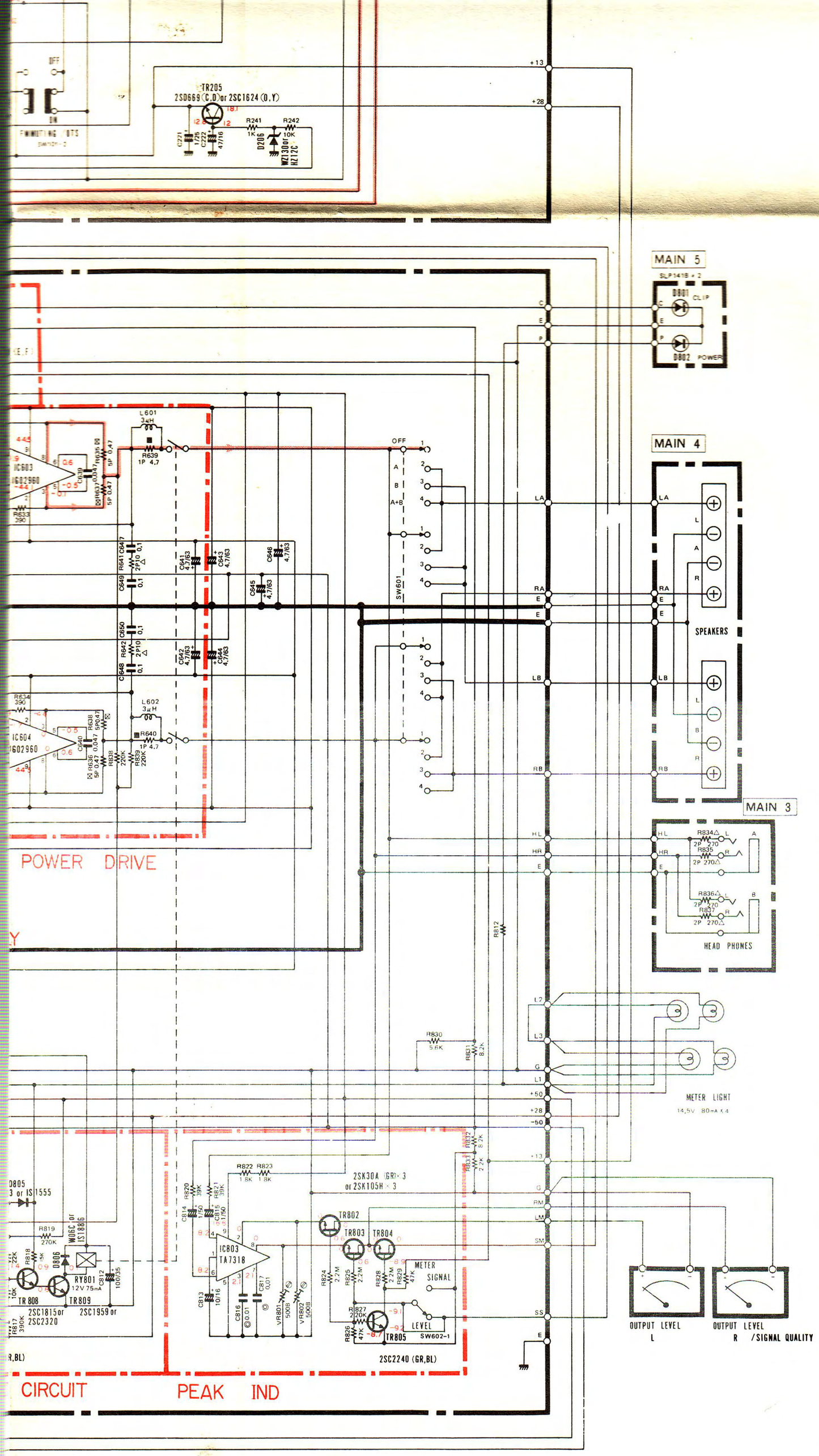
BRITISH
MZ075260
AUSTRALIAN
MZ075010

N.EUROPEAN
MZ075030
GENERAL
MZ075430
EUROPEAN
MZ075020
MODELS

NA07268	GENERAL, AUSTRALIAN MODELS
NA07269	US MODEL
NA07270	N.EUROPEAN, BRITIST, EUROPEAN MODELS
NA07271	CANADIAN MODELS

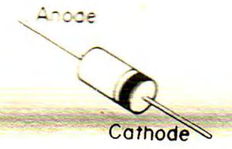
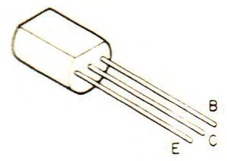
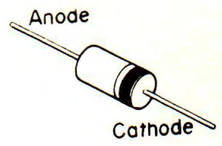
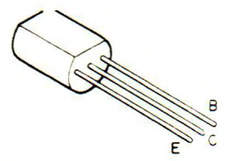
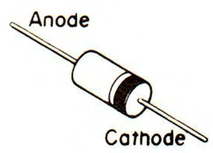
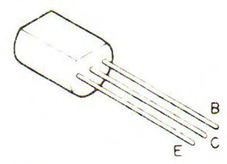
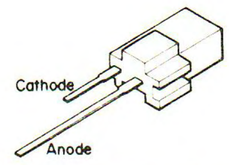
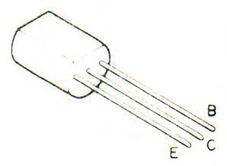
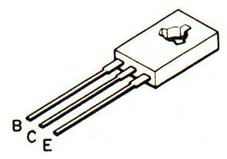
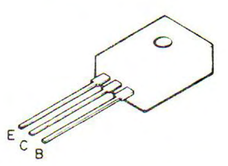
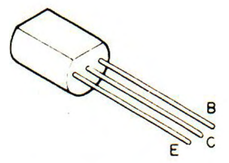
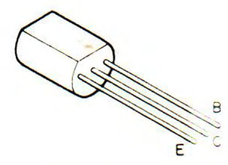
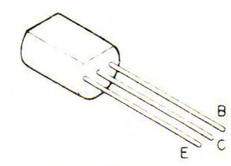
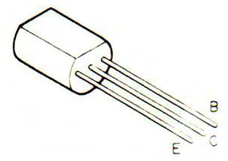
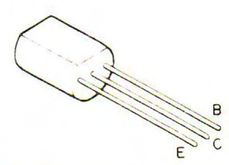
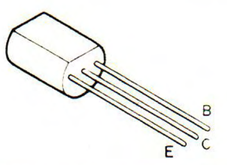
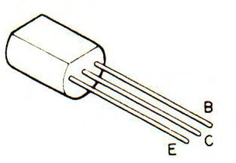
MAIN C. BOARD (1)



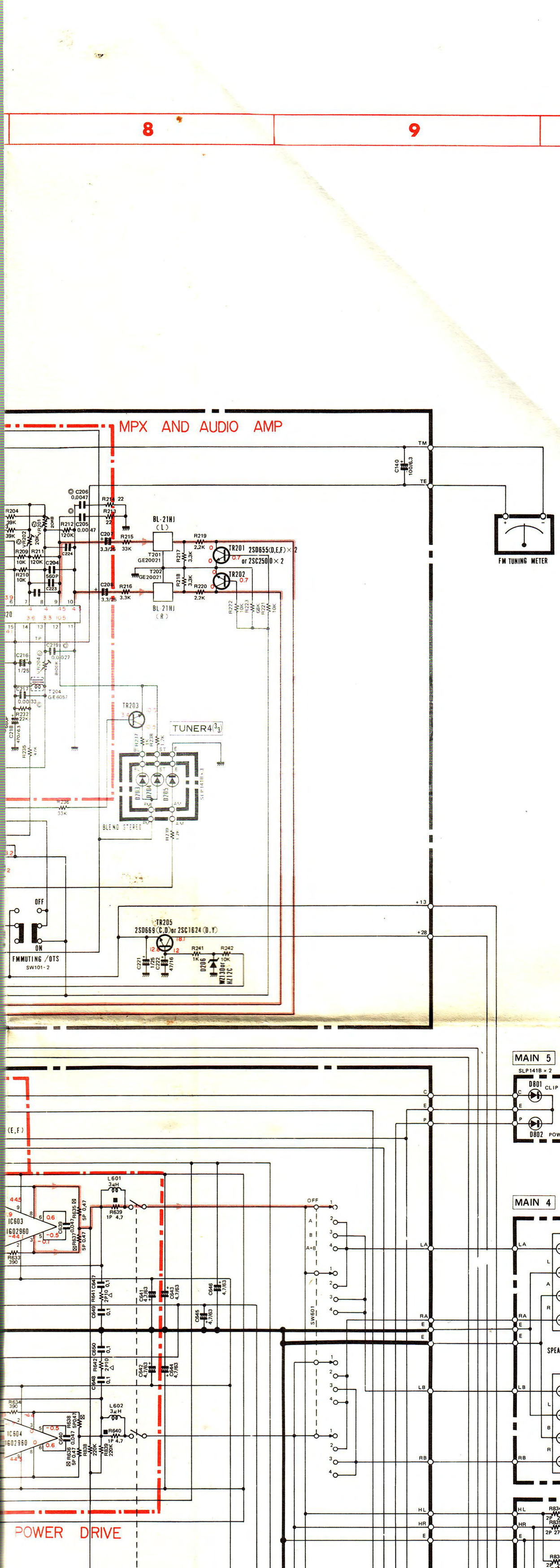


● **WIRE COLOR ABBREVIATIONS**

BL	▶ Black	VI	▶ Violet
BR	▶ Brown	GY	▶ Gray
RE	▶ Red	WH	▶ White
OR	▶ Orange	GG	▶ Grass Green
YE	▶ Yellow	SB	▶ Sky Blue
GR	▶ Green	PK	▶ Pink
BE	▶ Blue		

TR102 ~ 110, 113, TR114, TR117 ~ 120, TR201, 203, 204, 403, TR404, 405, 406, TR501 ~ 506, 803, TR807, 808, 901, 903	D801, 802, 806 W06C, IS1886 
2SC1815 (Y.GR) 2SC2320 (E.F.) 	D807 HZ6C, WZ061 
TR111, 112, 115, 116, TR121, 204, 902 2SA1015 (O.Y) 2SA999 (E.F) 	D804, 805 W03B, IS1885 
TR101, 401, 402 2SC2240 (GR.BL) 2SC2230 	D808 SLP141B 
TR202 2SD655 2SC2500 	TR802 2SB649 (C.D) 2SA814 (O.Y) 
TR801, 806 2SD669 (C.D) 2SD1624 (O.Y) 	TR701 2SD669 
TR809, 904 2SD734 (E.F) 2SC1959 (O.Y) 	TR508, 707 2SD438 2SD667 
TR702, 705, 706, 805 2SC2240 	TR802, 803, 804 2SK30A (GR) 2SK105H 
TR804 2SA999 (E.F) 2SA1015 (O.Y) 	TR509, 510 2SB560 2SB646A (B.C.D.) 

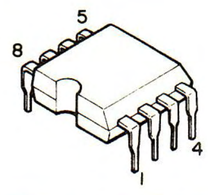
8	9	10	11



TRANSISTOR, DIODE CONNECTION

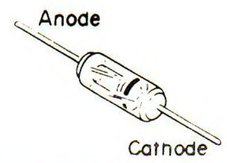
IC103

μPC4558



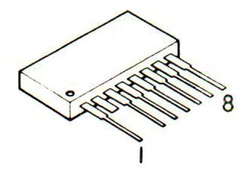
D103

HZ6B



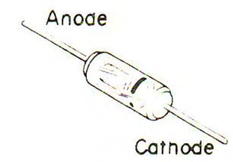
IC401, 402

HA1457



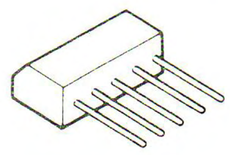
D201, 101, 102, 901

ISI 555



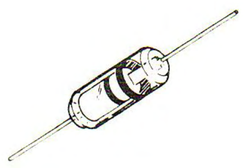
IC801, 802

M51204



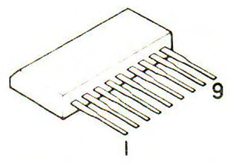
D809

WZ130, HZ12C



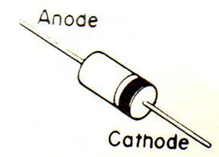
IC803

TA7318



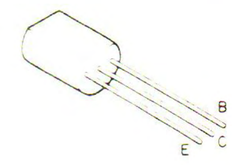
D902

W06C, 1S1885



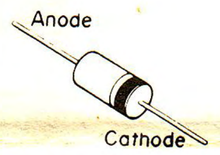
TR102～110, 113, TR114, TR117～120, TR201, 203, 204, 403, TR404, 405, 406, TR501～506, 803, TR807, 808, 901, 903

2SC1815 (Y.GR)
2SC2320 (E.F.)



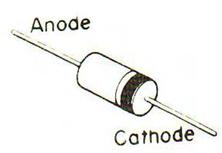
D801, 802, 806

W06C, IS1886



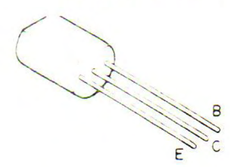
D807

HZ6C, WZ061



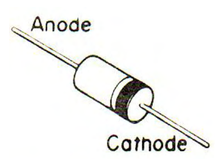
TR111, 112, 115, 116, TR121, 204, 902

2SA1015 (O.Y)
2SA999 (E.F)



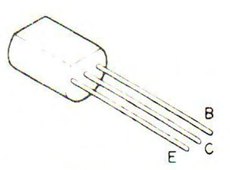
D804, 805

W03B, IS1885



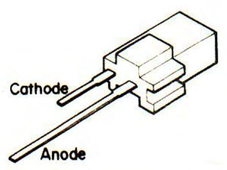
TR101, 401, 402

2SC2240 (GR.BL)
2SC2230



D808

SLP141B



TR202

2SD655

TR802

2SB649 (C.D)

TR102:2SC535(A,B,C)TR103 - 110.113.114.117 - 120.203:2SC1815(Y,GR) or 2SC2320(E,F)
TR111.112.115.116.121.204:2SA1015(O,Y)or2SA999(E,F)

TR120 TR121 R167 R168 R169 3.3K R170 220K R172 10K

LOCAL AUTO IF MODE SW101-3 AM FM TUNER SW101-1

MAIN 1

TONE CONTROL

FROM ADAPTOR PJ404-2 TUNER 3

VOLUME VR403 50K A BASS VR404 20KCS PRESENCE VR405 20K G TREBLE VR406 20K G BALANCE VR407 20KB

MODE SW101-5 MONO STEREO

IC401 HA1457 IC402 HA1457

OVERLOAD HALF POWER IND

TR801 IC801 M51204 IC802 M51204 2SA1015 or 2SA999 (E,F)

LOUDNESS FILTERS

AUDIO MUTING VR601 20KB SW602-5

LOW FILTER SW602-2 IC601 IG02930

HIGH FILTER SW602-4 IC602 IG02930

HIGH FILTER SW602-3 IC603 IG02960 IC604 IG02960

PRE DRIVE POWER

POWER SUPPLY

0.033+120/125 POWER SW 6A 125V 169°C MT4333A GA6242

SW SWITCHED SWITCHED

MAIN 2

D803 S5151R or SS-5R D804 S5151 or SS-5

2SA893(GR,BL) or 2SA970(GR,BL) 2SD669(C,D) 2SD438 or 2SD667

D702 W06C or IS1886 TR701 or 2SC1624(O,Y) TR703 TR704 TR705 2SC1890 or 2SC2240(GR,BD) TR706 TR707 D704 HZ06C D706 HZ06C

D701 IS1885 or W03B D703 W06C or IS1886 TR702 or 2SC2240(GR,BL) or 2SA970(GR,BL) 2SB649(C,D)

D805 IS2473 or IS TR807 2SC1815 or 2SC2320 TR806 2SA970(GR,BL)

LAMP 14.5V 80mA ×4 DIAL LIGHT POINTER LIGHT 14.5V 80mA

CONSTANT REGULATED POWER SUPPLY

PROTECT CIR

TO TUNING KNOB

IF AMP

TUNER4(1/3)

SLP 1418×2

DISCRIMINATOR

TUNER4(2/3)

CONTROL

TR102:2SC535(A,B,C)TR103 110.113.114.117 120.203:2SC1815(Y,GR) or 2SC2320(E,F)
TR111.112.115.116.121.204:2SA1015(O,Y)or2SA999(E,F)

0	9	8.24
0	10	0
0	11	1.027
2	2.23
3	0.66
0	14	2.19
1.27	15	0.16
2.63	16	1.16

MAIN 1

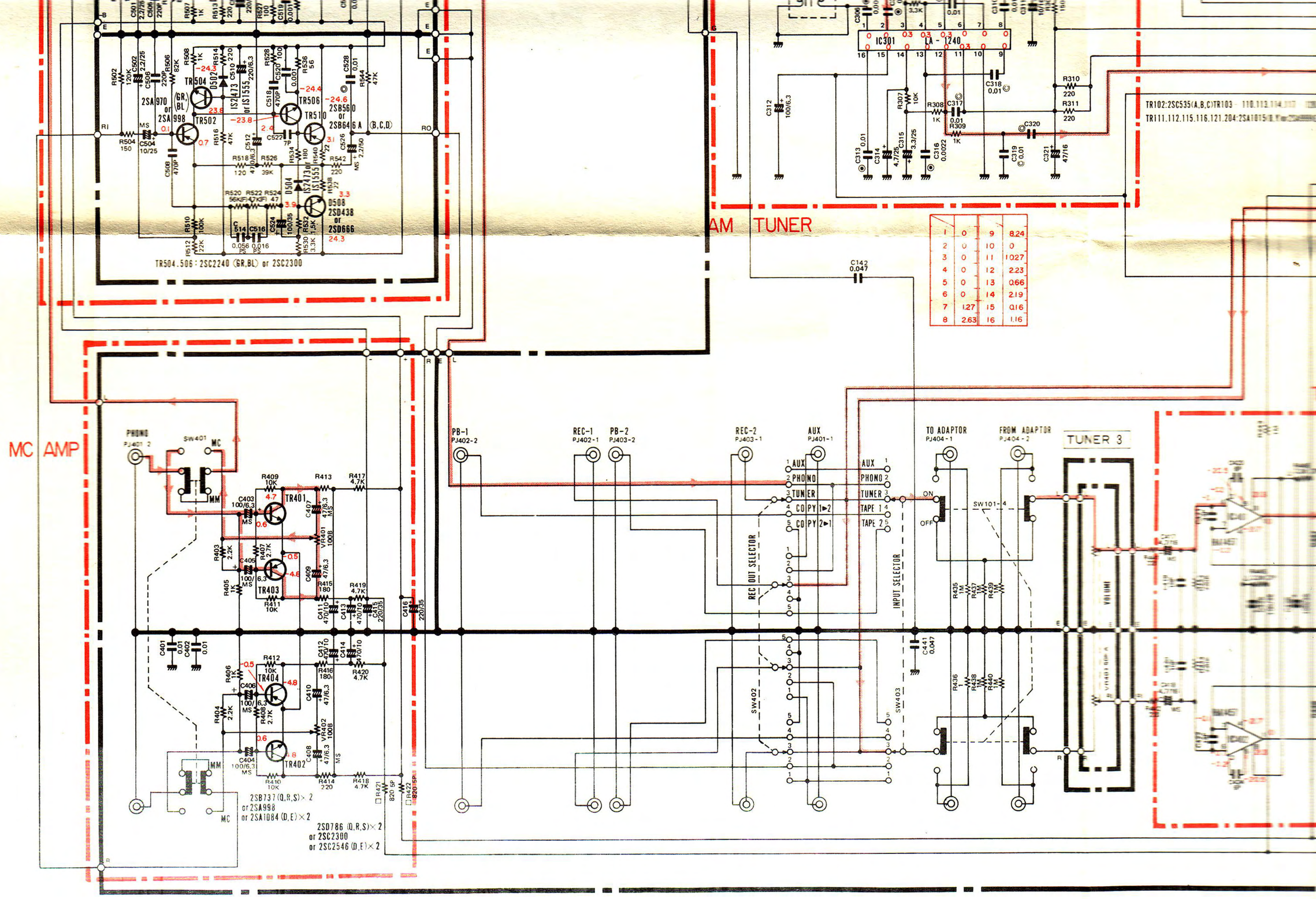
OVERLOAD HALF POWER IND

TONE CONTROL

LOUDNESS FILTERS

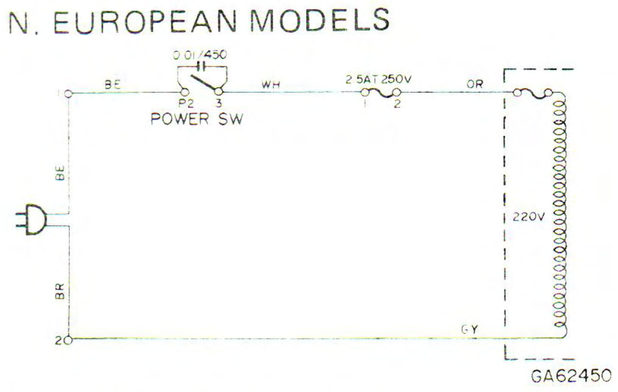
TUNER 3

PRE DRIVE

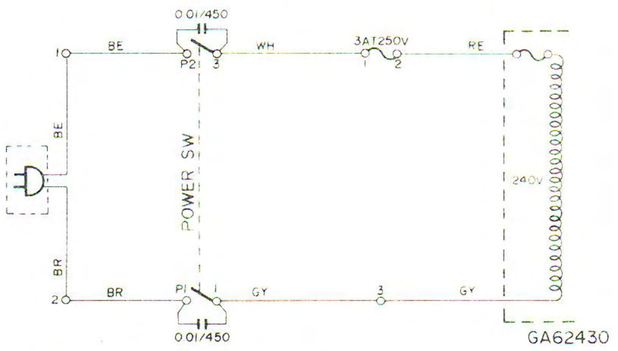


1	0	9	8.24
2	0	10	0
3	0	11	10.27
4	0	12	2.23
5	0	13	0.66
6	0	14	2.19
7	1.27	15	0.16
8	2.63	16	1.16

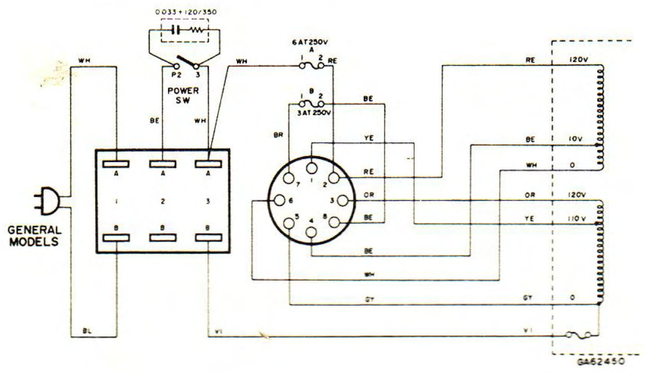
N. EUROPEAN MODELS



AUSTRALIAN MODELS



GENERAL MODELS

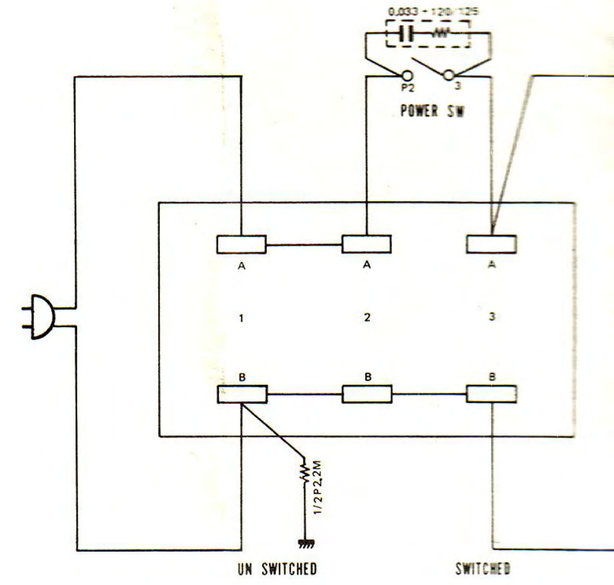


● CAPACITOR

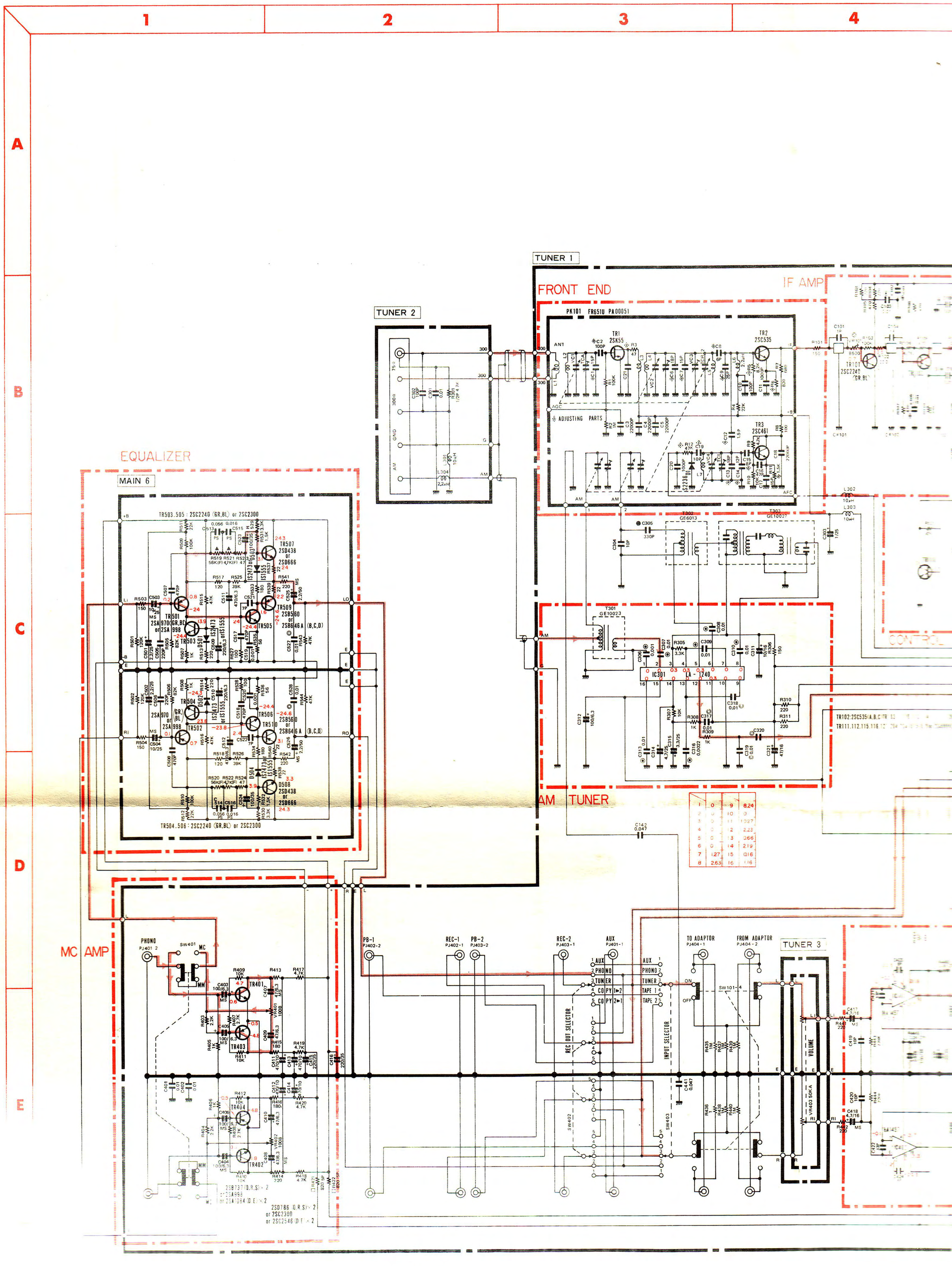
SYMBOL	PART NAME	REMARKS
	MYLAR CAPACITOR	
NO MARK	CERAMIC CAPACITOR	
	POLYSTYRENE CAPACITOR	
NO MARK	(BIPOLAR) ELECTROLYTIC CAPACITOR	
●	LOW NOISE ELECTROLYTIC CAPACITOR	
✕	TANTALUM CAPACITOR	

● RESISTOR

SYMBOL	PART NAME
	FUSE RESISTOR
	METALIZED OXIDATION RESISTOR
	CEMENT RESISTOR
NO MARK	CARBON RESISTOR
	CEMENT MOLDED RESISTOR
▲	METALIZED FILM RESISTOR
	SEMI VARIABLE RESISTOR



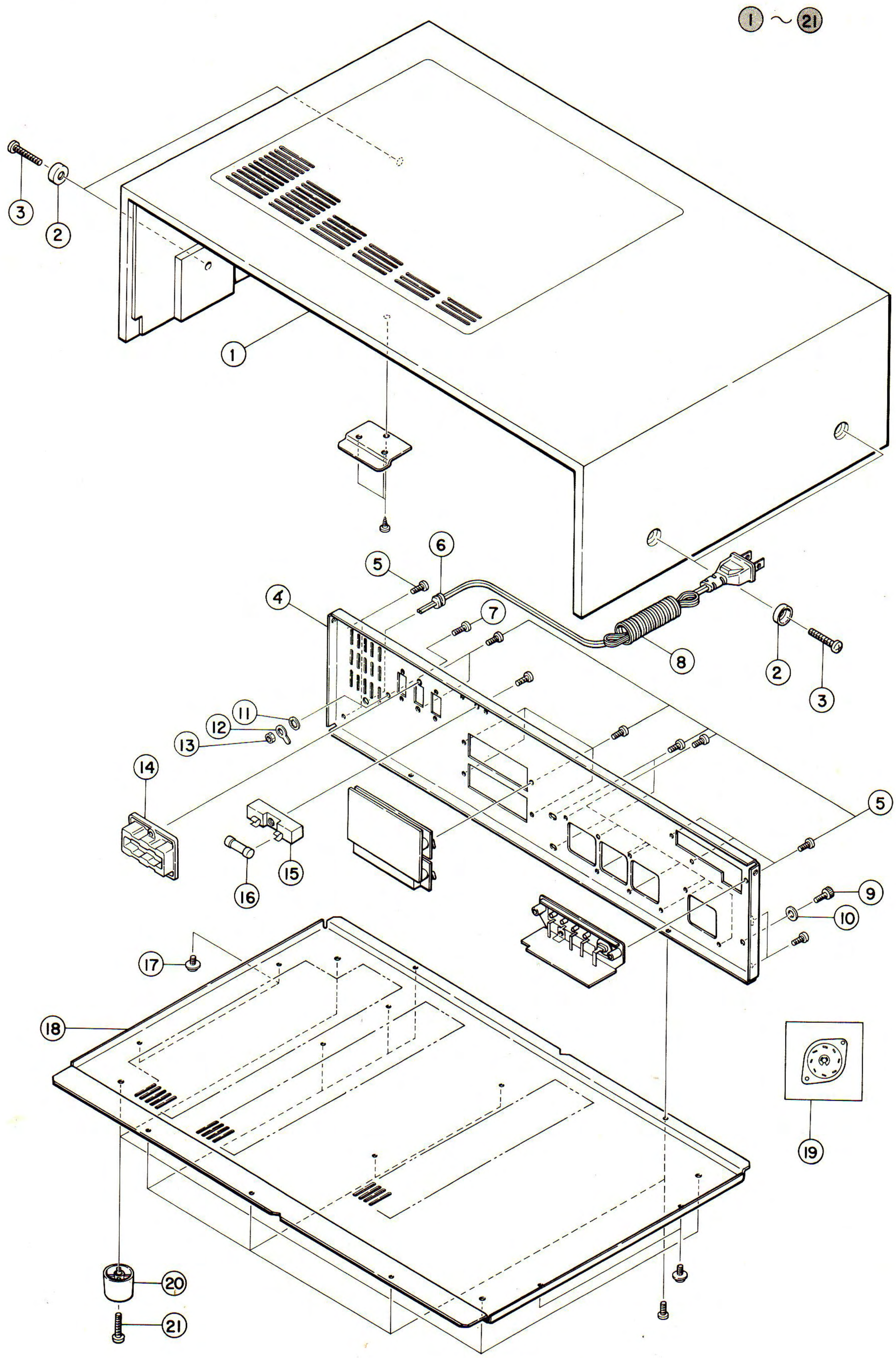
SCHEMATIC DIAGRAM

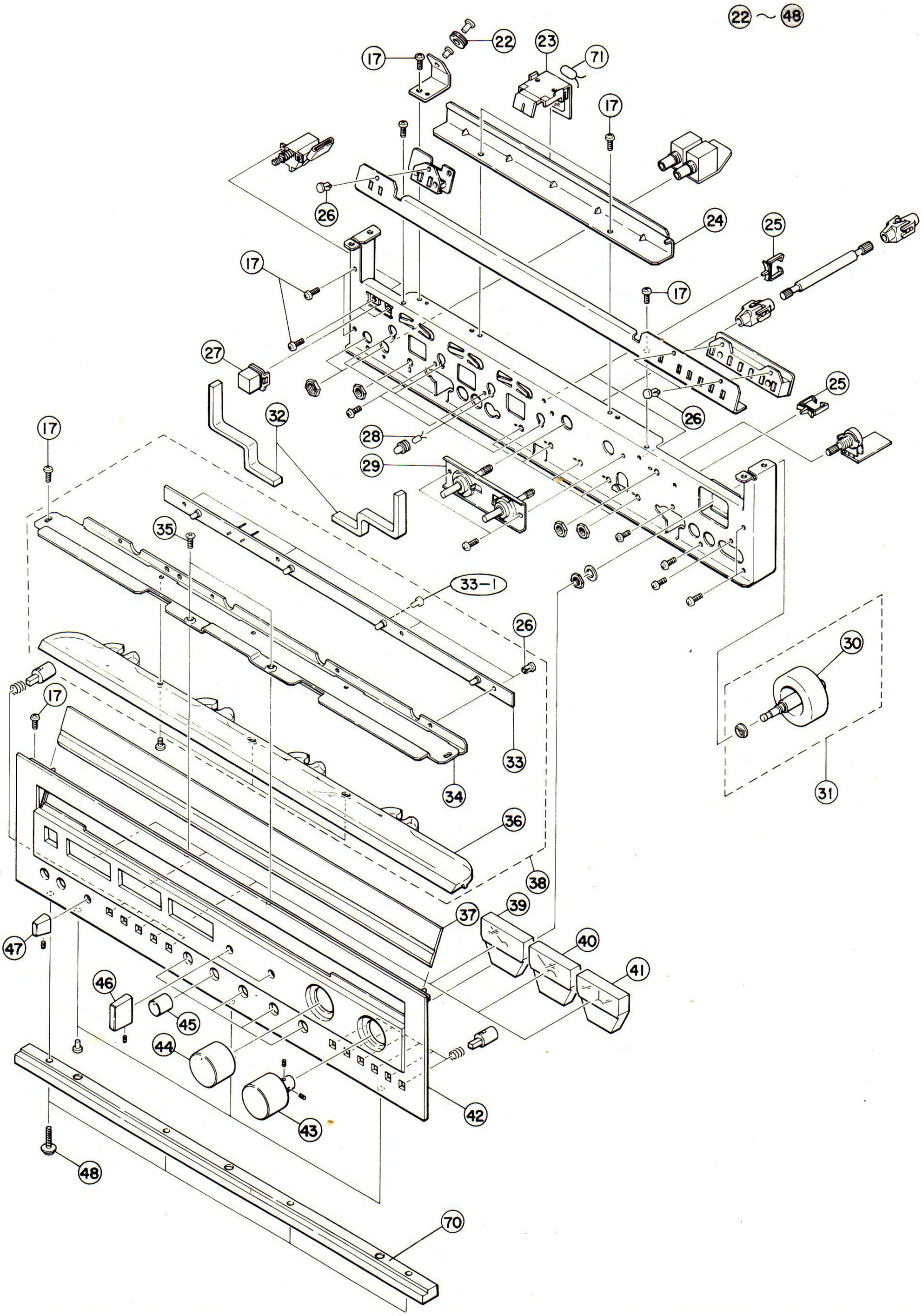


1	0	9	8.24
2	0	10	0
3	0	11	1.027
4	0	12	2.23
5	0	13	0.66
6	0	14	2.19
7	1.27	15	0.16
8	2.63	16	1.16

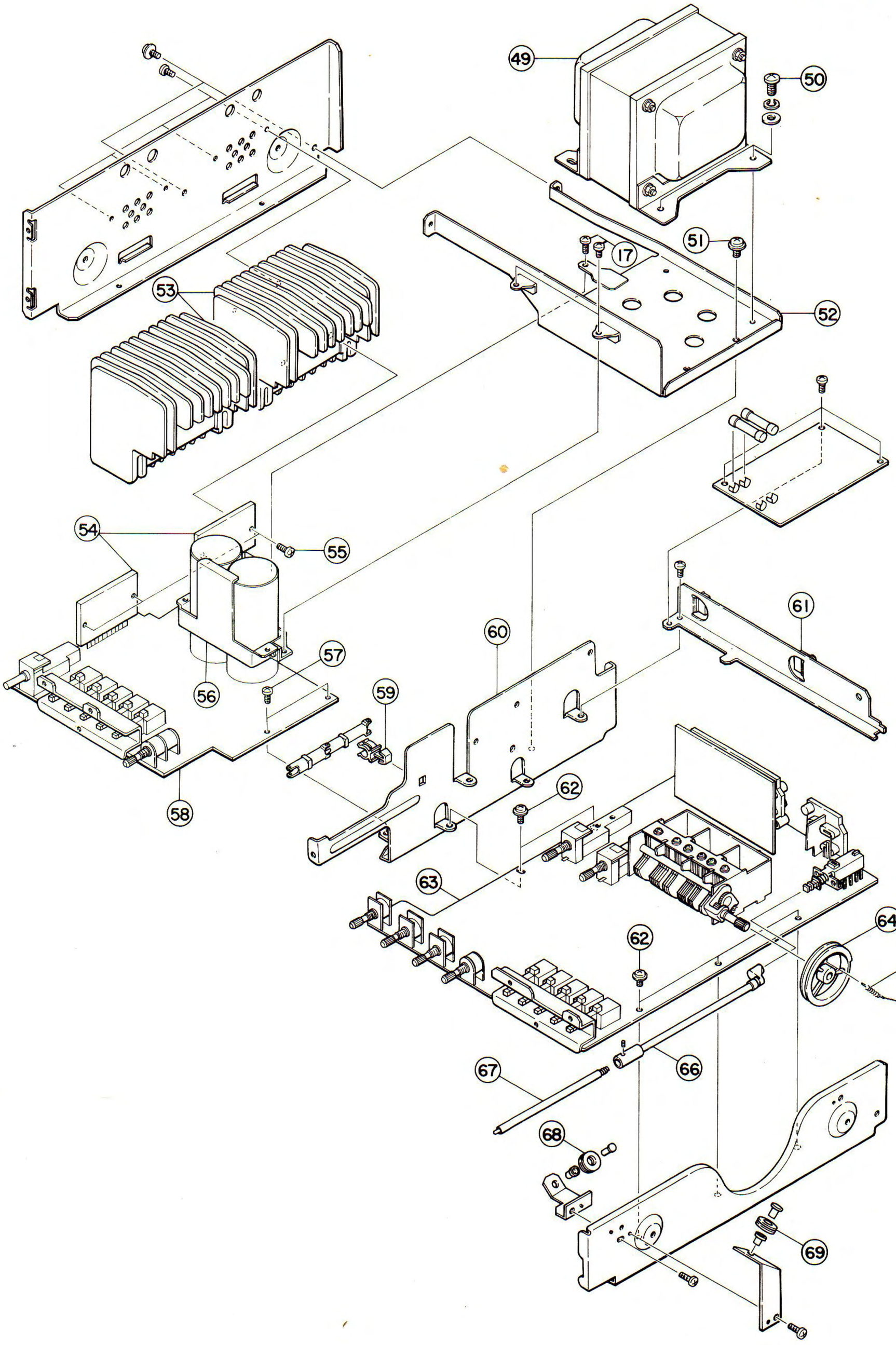
● CAPACITOR

■PARTS LIST




22 ~ 48
17
22
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71
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26
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70

49 ~ 69



DESTINATION ABBREVIATIONS

R : General　A : Australian　C : Canadian
U : US　B : British　G : North European

※ New Parts

	Ref No.	Part No.	Description	部品名	Markets	Remarks
※	1	DC 62 14 10	Cabinet	外装組立	U,C	
※	1	DC 62 15 10	– do. –	〃	R,A,G,B	
	2	CB 07 95 20	Cap	ホールキャップ		
	3		Bind Head Screw 5 x 12 FCM3-BI	鉄バインド小ネジ	R,A,G,B	
	3		– do. – 5 x 25 FCM3-BI	〃	U,C	
※	4	AA 09 61 60	Rear Panel	リヤパネル	R	
※	4	AA 09 61 70	– do. –	〃	U,C	
※	4	AA 09 61 90	– do. –	〃	A	
※	4	AA 09 62 10	– do. –	〃	G	
※	4	AA 09 62 20	– do. –	〃	B	
	5		Bind Tapping Screw 3 x 8 FCM3-BI	鉄バインドボンディングタッピングネジ2種	R,U,A,G,C,B	
	6	CB 06 86 30	Cord Stopper SR-3P-4	コードストッパー	U,C	
	6	CB 07 27 50	– do. – SR-4N-4	〃	R,A,G,B	
	7		Bind Head Tapping Screw 3 x 8 FCM3-BI	鉄バインドタッピングネジ2種	R,U,A,C	
	8	MG 00 07 80	A.C Cord 6A 250V	電源コード	R	
	8	MG 00 08 40	– do. – SPT-1, POT-64 10A 250V	〃	U,C	
※	8	MG 00 09 20	– do. – 7.5A 250V	〃	A	
※	8	MG 00 09 10	– do. – 6A 250V	〃	G	
	8	MZ 07 28 90	BS A.C Cord Ass'y	BS用電源コードAss'y	B	
※	9		Earth Terminal Screw 3 x 13.5 MFNiII	⊕アース端子ネジ		
	10		Sems Plain Washer ϕ10 x ϕ3.6 x t0.8 FNM3-3g	鉄セムス平座金		
	11		Toothed Lock Washer ϕ3 ZMC2-Y	鉄内歯形歯付座金	U,C	
	12	LA 00 02 80	Lug Terminal 3 m/m	アースラグ	U,C	
	13		Hexagonal Nut M3 ZMC2-Y	鉄六角ナット	U,G,C,B	
	14	LB 60 29 80	A.C Connector M7017	ACアウトレット 3連	R,U,C	
	15	LB 20 13 00	Fuse Holder	ヒューズホルダー ラッピング用	R,U,C,A	
	15	LB 20 14 70	– do. – M	〃 フェノール	G,B	
	16	KB 00 03 60	Fuse 3.0AT 250V	ヒューズタイフッシュ	R,A	
※	16	KB 00 17 90	– do. – 6.0A 125V	〃 ULSS-2	U,C	
※	16	KB 00 18 00	– do. – 2.5AT 250V	〃 Ⓢタイムラグ	G,B	
※	16	KB 00 18 10	– do. – 2.5AT 250V	〃 〃	G,B	
	16	KB 00 12 80	– do. – 6.0AT 250V	〃 タイラッシュ	R	
	17		Bind Head Tapping Screw 3 x 8 ZMC2-Y	鉄バインドタッピングネジ2種		
※	18	AA 09 61 40	Bottom Cover	ボトムカバー		
	19	LB 20 14 80	Voltage Selector	電圧切換器		
※	20	CB 09 28 80	Leg	脚	U,C	
※	20	CB 09 28 70	Leg	〃	R,A,G,B	
	21		Bind Head Tapping Screw 3 x 8 ZMC2-Y	鉄バインドタッピングネジ2種		
※	22	AA 09 59 00	Wheel Holder (L)	滑車ホルダー(L)		
※	23	NB 09 15 60	Dial Pointer Unit	ダイヤル指針ユニット		
※	24	AA 09 58 70	Dial Pointer Rail	指針レール		
	25	CB 06 94 70	Wire Clip	ワイヤークリップ		
	26	CB 06 88 80	Plastic Rivet ϕ3.5	プラスチックリベット		
※	27	NB 09 04 60	Power Button Ass'y	パワーボタンAss'y		
	28	JB 00 07 70	Pilot Lamp 14.5V 80mA	パイロットランプ錫コードリード式		
※	29	AA 09 62 30	Shaft Unit	シャフトユニット		
※	30	NB 09 01 60	Tuning Unit ϕ48	チューニングユニット		
※	31	CB 09 00 40	Wheel Ass'y 215Y-1830-00	滑車Ass'y		
	32	CB 07 80 10	Tape 6 x 50 x t10	シャコウテープ		
※	33	NA 07 24 50	Lamp Circuit Board	ランプシート		
※	34	AA 09 62 40	Lens Holder	レンズホルダー		
	35		Oval Head Screw 3 x 5 ZMC2-Y	鉄皿小ネジ		
※	36	CB 09 00 60	Lamp Lens	ランプレンズ		

PARTS LIST

REVISED

CR-1040

AM/FM STEREO RECIVER

SINCE 1887 YAMAHA

NIPPON GAKKI CO., LTD. HAMAMATSU, JAPAN

DESTINATION ABBREVIATIONS

R : General　A : Australian　C : Canadian
U : US　B : British　G : North European

※ New Parts

	Ref No.	Part No.	Description	部品名	Markets	Remarks
※	1	32 00 19 25 62 14 10	Cabinet	外装組立	U,C,R,A	
※	1	32 00 19 90 62 15 10	– do. –	〃	G,B,E	
	2	32 00 00 CB 07 95 20	Cap	キャップ		
	3	42 00 00 ED 35 01 20	Bind Head Screw 5 x 12 FCM3-BI	鉄バインド小ネジ	R,A,G,B	
	3	42 00 00 ED 35 02 50	– do. – 5 x 25 FCM3-BI	〃	U,C	
※	4	32 00 00 AA 09 61 60	Rear Panel	リヤパネル	R	
※	4	32 00 00 AA 09 61 70	– do. –	〃	U,C	
※	4	32 00 00 AA 09 61 90	– do. –	〃	A	
※	4	32 00 00 AA 09 62 10	– do. –	〃	G	
※	4	32 00 00 AA 09 62 20	– do. –	〃	B	
	5	42 00 00 EN 30 10 10	Bind Tapping Screw 3 x 8 FCM3-BI	鉄バインドボンディングタッピングネジ2種	R,U,A,G,C,B	
	6	42 00 00 CB 06 86 30	Cord Stopper SR-3P-4	コードストッパー	U,C	
	6	42 00 00 CB 07 27 50	– do. – SR-4N-4	〃	R,A,G,B	
	7	42 00 00 EN 34 00 10	Bind Head Tapping Screw 3 x 8 FCM3-BI	鉄バインドタッピングネジ2種	R,U,A,C	
	8	42 00 00 MG 00 07 80	A.C Cord 6A 250V	電源コード	R	
	8	42 00 00 MG 00 08 40	– do. – SPT-1, POT-64 10A 250V	〃	U,C	
※	8	42 00 00 MG 00 09 20	– do. – 7.5A 250V	〃	A	
※	8	42 00 00 MG 00 09 10	– do. – 6A 250V	〃	G	
	8	32 00 00 MZ 07 28 90	BS A.C Cord Ass'y	BS用電源コードAss'y	B	
※	9	42 00 00 EZ 00 14 00	Earth Terminal Screw 3 x 13.5 MFNi□	⊕アース端子ネジ		
	10	42 00 00 EV 90 13 60	Sems Plain Washer φ10 x φ3.6 x t0.8 FNM3-3g	鉄セムス平座金		
	11	42 00 00 EV 41 00 30	Toothed Lock Washer φ3 ZMC2-Y	鉄内歯形歯付座金	U,C	
	12	42 00 00 LA 00 02 80	Lug Terminal 3 m/m	アースラグ	U,C	
	13	42 00 00 EV 10 03 00	Hexagonal Nut M3 ZMC2-Y	鉄六角ナット	U,G,C,B	
	14	42 00 00 LB 60 29 80	A.C Connector M7017	ACアウトレット 3連	R,U,C	
	15	42 00 00 LB 20 13 00	Fuse Holder	ヒューズホルダー ラッピング用	R,U,C,A	
	15	42 00 00 LB 20 14 70	– do. – M	〃 フェノール	G,B	
	16	42 00 00 KB 00 03 60	Fuse 3.0AT 250V	ヒューズタイラッシュ	R,A	
※	16	42 00 00 KB 00 17 90	– do. – 6.0A 125V	〃 ULSS-2	U,C	
※	16	42 00 00 KB 00 18 00	– do. – 2.5AT 250V	〃 Ⓢタイムラグ	G,B	Interchangeable
	16	42 00 00 KB 00 18 10	– do. – 2.5AT 250V	〃 〃	G,B	
	16	42 00 00 KB 00 12 80	– do. – 6.0AT 250V	〃 タイラッシュ	R	
	17	42 00 00 EN 03 00 20	Bind Head Tapping Screw 3 x 8 ZMC2-Y	鉄バインドタッピングネジ2種		
※	18	32 00 00 AA 09 61 40	Bottom Cover	ボトムカバー		
	19	42 00 00 LB 20 14 80	Voltage Selector	電圧切換器		
※	20	32 00 00 CB 09 28 80	Leg	脚	U,C	
※	20	32 00 00 CB 09 28 70	Leg	〃	R,A,G,B	
	21	42 00 00 EN 03 00 20	Bind Head Tapping Screw 3 x 8 ZMC2-Y	鉄バインドタッピングネジ2種		
※	22	32 00 00 AA 09 59 00	Wheel Holder (L)	滑車ホルダー(L)		
※	23	32 00 00 NB 09 15 60	Dial Pointer Unit	ダイヤル指針ユニット		
※	24	32 00 00 AA 09 58 70	Dial Pointer Rail	指針レール		
	25	42 00 00 CB 06 94 70	Wire Clip	ワイヤークリップ		
	26	42 00 00 CB 06 88 80	Plastic Rivet φ3.5	プラスチックリベット		
※	27	32 00 00 NB 09 04 60	Power Button Ass'y	パワーボタンAss'y		
	28	42 00 00 JB 00 07 70	Pilot Lamp 14.5V 80mA	パイロットランプ錫コードリード式		
※	29	32 00 00 AA 09 62 30	Shaft Unit	シャフトユニット		
※	30	32 00 00 NB 09 01 60	Tuning Unit φ48	チューニングユニット		
※	31	32 00 00 CB 09 00 40	Wheel Ass'y 215Y-1830-00	滑車Ass'y		
	32	42 00 00 CB 07 80 10	Tape 6 x 50 x t10	シャコウテープ		
※	33	42 00 00 NA 07 24 50	Lamp Circuit Board	ランプシート		
	33-1	42 00 00 JB 00 07 90	Lamp 14.5V 80mA	目盛板照明ランプ		
※	34	32 00 00 AA 09 62 40	Lens Holder	レンズホルダー		
	35	42 00 00 EB 03 00 50	Oval Head Screw 3 x 5 ZMC2-Y	鉄皿小ネジ		

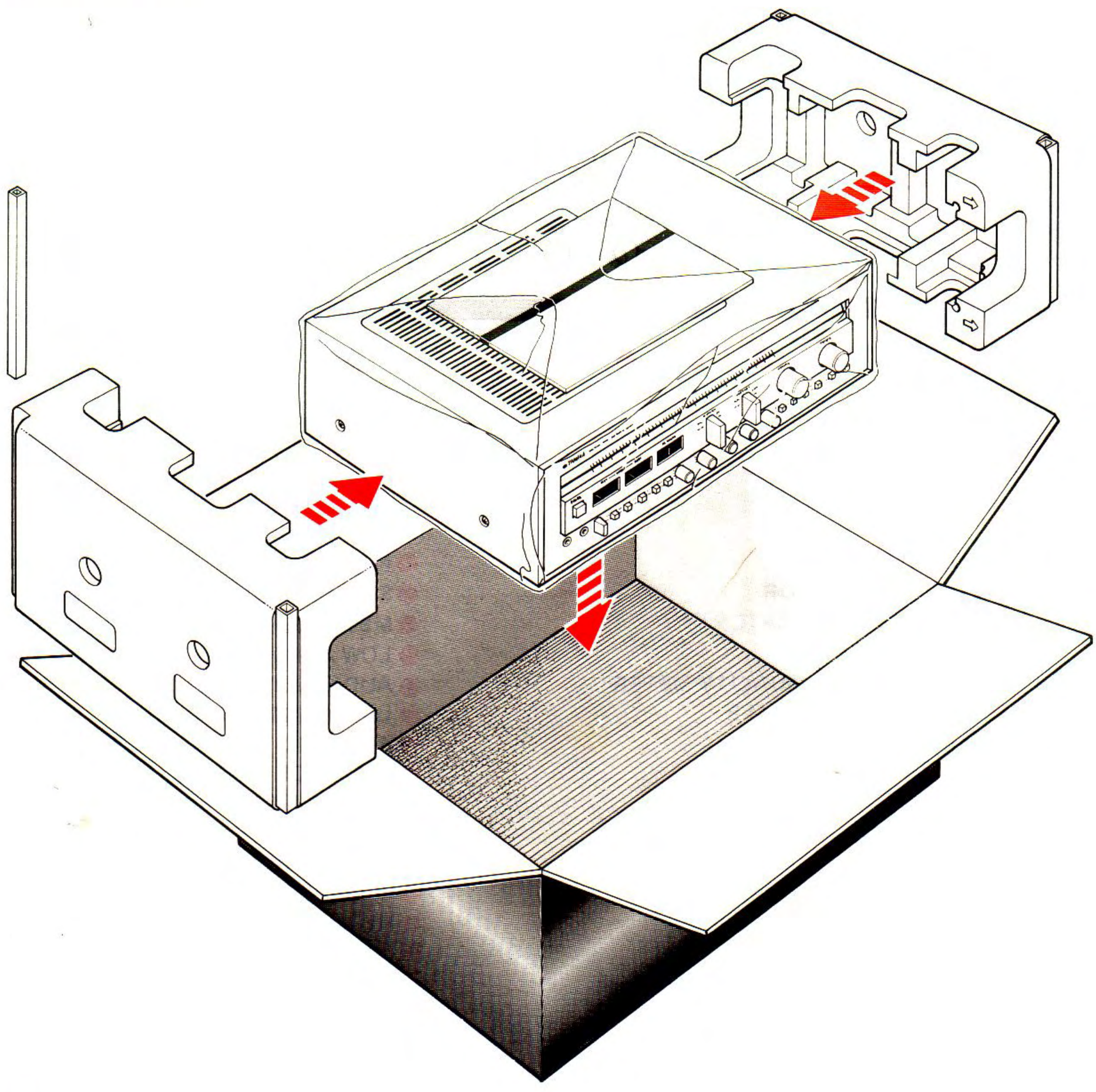
※ New Parts

	Ref No.	Part No.	Description	部品名	Markets	Remarks
※	36	32 00 00 CB 09 00 60	Lamp Lens	ランプレンズ		
※	37	32 00 00 CB 08 97 00	Dial Scale	ダイヤルスケール		
※	38	32 00 00 NB 09 07 60	Lamp Lens Unit	ランプレンズユニット		
※	39	42 00 00 Ji 00 09 50	Level Meter	レベルメーター		
※	40	42 00 00 Ji 00 09 60	Level Signal Meter	レベルシグナルメーター		
※	41	42 00 00 Ji 00 09 80	Tuning Meter	チューニングメーター		
※	42	32 00 00 NB 09 07 50	Panel Unit	パネルユニット		
※	43	32 00 00 BA 07 53 50	Knob. Tuning	チューニングツマミ		
※	44	32 00 00 BA 07 53 60	– do. – : Volume	ボリュームツマミ		
※	45	32 00 00 BA 07 52 70	– do. – : Tone Control	トーンツマミ		
	46	32 00 00 BA 06 80 60	– do. – : Switch	スイッチツマミ		
※	47	32 00 00 BA 07 53 70	– do. – : Switch	スイッチツマミ(小)		
※	48	42 00 00 EK 03 00 40	BW Head Tapping Screw 3 x 20(φ10) ZMC2-Y	鉄ブレザーワッシャーヘッドタッピングネジ2種	U,C	
※	49	42 00 00 GA 62 42 00	Power Transformer	電源トランス	U,C	
※	49	42 00 00 GA 62 43 00	– do. –	〃	A,B	
※	49	42 00 00 GA 62 44 00	– do. –	〃	R	
※	49	42 00 00 GA 62 45 00	– do. –	〃	G	
	50	42 00 00 EH 05 01 00	Pan Head Sems Screw 5 x 10 ZMC2-Y	鉄セムスナベ小ネジ(スリーピース)		
	51	42 00 00 EK 03 00 50	BW Head Tapping Screw 4 x 8 (φ10) ZMC2-Y	鉄BWヘッドタッピングネジ2種		
※	52	32 00 00 AA 09 61 30	Transformer Holder	トランスホルダー		
※	53	32 00 00 BA 07 55 10	Heat Sink	放熱板		
※	54	42 00 00 iG 02 96 00	IC Driver iG 02960	IC		
	55	42 00 00 EK 05 00 20	Pan Head Tap-Tight Screw 3 x 16 ZMC2-Y	ナベタップタイトネジ(Bタイプ)		
※	56	32 00 00 AA 09 63 10	Electrolytic Capacitor Holder	ケミコンホルダー		
	57	42 00 00 EK 03 00 60	BW Head Tapping Screw 3 x 8 ZMC2-Y	鉄ブレザーワッシャーヘッドタッピングネジ2種		
※	58	32 00 00 NA 07 26 80	Main Circuit Board	メインシート	R,A	
※	58	32 00 00 NA 07 26 90	– do. –	〃	U	
※	58	32 00 00 NA 07 27 00	– do. –	〃	G,B	
※	58	32 00 00 NA 07 27 10	– do. –	〃	C	
※	59	32 00 00 CB 09 11 80	Lead Pipe Holder 220NT-870-00	リードパイプホルダー		
※	60	32 00 00 AA 09 57 60	Center Flame	センターフレーム		
※	61	32 00 00 BA 07 59 00	Bridge	ブリッジ		
	62	42 00 00 EK 03 00 60	BW Head Tapping Screw 3 x 8 (φ8) ZMC2-Y	鉄ブレザーワッシャーヘッドタッピングネジ2種		
※	63	32 00 00 NA 07 26 50	Tuner Circuit Board	チューナーシート	R,U,C	
※	63	32 00 00 NA 07 26 60	– do. –	〃	A,G,B	
※	64	32 00 00 CB 08 97 90	Pully: Variable Capacitor	バリコンプーリー		
	65	32 00 00 AA 08 98 60	Dial Spring	ダイヤルスプリング		
	66	32 00 00 CB 07 93 80	Push Lod (B)	プッシュロッド(B)		
※	67	32 00 00 CB 08 97 70	– do. –	プッシュロッド		
※	68	32 00 00 AA 09 59 20	Wheel Holder (RB)	滑車ホルダー(RB)		
※	69	32 00 00 AA 09 59 10	– do. – (RU)	〃 (RU)		
		42 00 00 KA 80 06 90	Push Switch SDG-5PE	プッシュ SW	R,A,E,G,B	Power Switch
		42 00 00 KA 80 10 70	〃 SDV-2P	〃	U	〃
※		42 00 00 KA 80 13 70	〃 SDZIP-A	〃	C	〃
	70	32 00 19 OO 00 00 60	Front Bar	面棒	U	
	71	42 00 00 JB 00 07 80	Lamp, Dial Pointer	ダイアル指針ランプ		

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PACKAGE



TUNER CIRCUIT BOARD

※ New Parts

	Ref No.	Part No.	Description	部品名	Markets	Remarks
※	C101	42 00 00 FG 50 01 00	Ceramic Capacitor 50V SL(F) 1P	セラコン		
	C102 C103	42 00 00 Fi 17 41 00	– do. – 0.01	セラコン円筒型		
※	C104	42 00 00 FG 50 01 00	– do. – 50V SL(F) 1P	セラコン		
	C105～C107	42 00 00 Fi 17 41 00	– do. – 0.01	セラコン円筒型		
	C108	42 00 00 Fi 17 21 00	– do. – 100P	〃		
	C109	42 00 00 Fi 17 41 00	– do. – 0.01	〃		
	C110	42 00 00 FJ 13 71 00	Electrolytic Capacitor Vert. 10/16	ケミコンタテ型		
	C111～C115	42 00 00 Fi 17 41 00	Ceramic Capacitor 0.01	セラコン円筒型		
	C116	42 00 00 Fi 17 32 20	– do. – 0.0022	〃		
	C117	42 00 00 Fi 17 21 00	– do. – 100P	〃		
	C118	42 00 00 Fi 17 31 00	– do. – 0.001	〃		
	C119	42 00 00 Fi 17 21 00	– do. – 100P	〃		
	C120～C122	42 00 00 Fi 17 41 00	– do. – 0.01	〃		
	C123	42 00 00 FS 25 25 60	SA Capacitor 50V (J) 560P	SAコン・フォーミング		
	C124 C125	42 00 00 Fi 17 14 70	Ceramic Capacitor 47P	セラコン円筒型		
	C126	42 00 00 FJ 13 71 00	Electrolytic Capacitor Vert. 10/16	ケミコンタテ型		
	C127	42 00 00 Fi 17 14 70	Ceramic Capacitor 47P	セラコン円筒型		
	C128	42 00 00 FJ 11 81 00	Electrolytic Capacitor 100/63	ケミコンタテ型		
	C129	42 00 00 FM 11 61 00	B.P. Electrolytic Capacitor 1/50	B.Pケミコン		
	C130	42 00 00 FZ 00 08 80	MSCapacitor Vert. 0.1/50	MSコンタテ型		
	C131	42 00 00 FJ 13 71 00	Electrolytic Capacitor Vert. 10/16	ケミコンタテ型		
	C132	42 00 00 FJ 11 73 30	– do. – 33/6.3	〃		
	C133 C134	42 00 00 FJ 14 61 00	– do. – 1/25	〃		
	C135	42 00 00 FJ 14 61 00	– do. – 1/25	〃		
	C136	42 00 00 FJ 13 74 70	– do. – 47/16	〃		
	C137	42 00 00 FJ 24 54 70	– do. – 0.47/25	〃		
	C138	42 00 00 FJ 14 61 00	– do. – 1/25	〃		
	C139	42 00 00 Fi 17 41 00	Ceramic Capacitor 0.01	セラコン円筒型		
	C140	42 00 00 FJ 11 81 00	Electrolytic Capacitor Vert. 100/6.3	ケミコンタテ型		
	C141	42 00 00 FG 54 41 00	Ceramic Capacitor 50V F(Z) 0.01	セラコン		
	C142 C143	42 00 00 FG 54 44 70	– do. – 50V F(Z) 0.047	〃		
	C144	42 00 00 FG 50 02 00	– do. – 50V SL(F) 2P	〃		
※	C203 C204	42 00 00 FS 25 23 90	SA Capacitor 50V (J) 390P	SAコンフォーミング	A,G,B	
	C203 C204	42 00 00 FS 25 25 60	– do. – 50V (J) 560P	〃	R,U,C	
	C205 C206	42 00 00 FA 85 34 70	Mylar Capacitor 50V (J) 0.0047	マイラーコン		
	C207 C208	42 00 00 FJ 14 63 30	Electrolytic Capacitor Vert. 3.3/25	ケミコンタテ型		
	C209 C210	42 00 00 FA 85 33 30	Mylar Capacitor 50V (J) 0.0033	マイラーコン		
	C211	42 00 00 FA 85 41 00	– do. – 50V (J) 0.01	〃		
	C212	42 00 00 FA 85 44 70	– do. – 50V (J) 0.047	〃		
	C213	42 00 00 FJ 13 71 00	Electrolytic Capacitor Vert. 10/16	ケミコンタテ型		
	C214	42 00 00 FJ 13 81 00	– do. – 100/16	〃		
	C215	42 00 00 FS 25 26 80	SA Capacitor 50V (J) 680P	SAコンフォーミング		
	C216	42 00 00 FJ 14 61 00	Electrolytic Capacitor Vert. 1/25	ケミコンタテ型		
	C217	42 00 00 FA 85 33 30	Mylar Capacitor 50V (J) 0.0033	マイラーコン		
	C218	42 00 00 FJ 11 84 70	Electrolytic Capacitor Vert. 470/6.3	ケミコンタテ型		
※	C219	42 00 00 FA 85 32 70	Mylar Capacitor 50V (J) 0.0027	マイラーコン		
	C220	42 00 00 FJ 14 64 70	Electrolytic Capacitor Vert. 4.7/25	ケミコンタテ型		
	C221	42 00 00 FJ 14 61 00	– do. – 1/25	〃		
	C222	42 00 00 FJ 13 74 70	– do. – 47/16	〃		
	C223 C224	42 00 00 FG 51 13 30	Ceramic Capacitor 50V SL(K) 33P	セラコン	R,U,C	
	C301	42 00 00 Fi 17 31 00	Ceramic Capacitor 0.001	セラコン円筒型		
	C302	42 00 00 Fi 17 21 00	– do. – 100P	〃		
	C303	42 00 00 FJ 14 61 00	Electrolytic Capacitor Vert. 1/25	ケミコンタテ型		

※ New Parts

	Ref No.	Part No.	Description	部品名	Markets	Remarks
※	C304	42 00 00 FG 51 11 00	Ceramic Capacitor 50V SL(K) 10P	セラコン		
	C305	42 00 00 FS 25 23 30	SA Capacitor 50V (J) 330P	SAコンフォーミング		
	C306	42 00 00 Fi 17 31 00	Ceramic Capacitor 0.001	セラコン円筒型		
	C307～C310	42 00 00 Fi 17 41 00	– do. – 0.01	〃		
	C311	42 00 00 FJ 13 71 00	Electrolytic Capacitor Vert. 10/16	ケミコンタテ型		
	C312	42 00 00 FJ 11 81 00	– do. – 100/6.3	〃		
	C313	42 00 00 Fi 17 41 00	Ceramic Capacitor 0.01	セラコン円筒型		
	C314	42 00 00 FJ 14 64 70	Electrolytic Capacitor Vert. 4.7/25	ケミコンタテ型		
	C315	42 00 00 FJ 14 63 30	– do. – 3.3/25	〃		
	C316	42 00 00 Fi 17 32 20	Ceramic Capacitor 0.0022	セラコン円筒型		
	C317～C319	42 00 00 FA 85 41 00	Mylar Capacitor 50V (J) 0.01	マイラーコン		
	C320	42 00 00 FA 85 42 20	– do. – 50V (J) 0.022	〃		
	C321	42 00 00 FJ 13 74 70	Electrolytic Capacitor Vert. 47/16	ケミコンタテ型		
	C401 C402	42 00 00 FG 54 41 00	Ceramic Capacitor 50V F(Z) 0.01	セラコン		
	C403～C406	42 00 00 FZ 00 08 40	MS Capacitor Vert. 100/6.3(10)	MSコンタテ型		
	C407～C410	42 00 00 FZ 00 08 30	– do. – 47/6.3(10)	〃		
※	C411～C414	42 00 00 FZ 00 17 90	Electrolytic Capacitor 470/10	ケミコン小型		
	C415 C416	42 00 00 FJ 15 82 20	Electrolytic Capacitor Vert. 220/35	ケミコンタテ型		
※	C417 C418	42 00 00 FZ 00 09 10	MS Capacitor Vert. 4.7/16(25)	MSコンタテ型		
※	C419 C420	42 00 00 FG 51 11 00	Ceramic Capacitor 50V SL(K) 10P	セラコン		
※	C421 C422	42 00 00 FG 51 13 30	– do. – 50V SL(K) 33P	〃		
※	C423 C424	42 00 00 FG 51 06 00	– do. – 50V SL(K) 6P	〃		
	C425 C426	42 00 00 FJ 15 81 00	Electrolytic Capacitor Vert. 100/35	ケミコンタテ型		
	C427 C428	42 00 00 FG 51 11 00	Ceramic Capacitor 50V SL(K) 10P	セラコン		
	C429 C430	42 00 00 FJ 14 71 00	Electrolytic Capacitor Vert. 10/25	ケミコンタテ型		
	C431 C432	42 00 00 FJ 14 73 30	– do. – 33/25	〃		
	C433 C434	42 00 00 FA 45 51 20	Mylar Capacitor 50V (J) 0.12	マイラーコン		
	C435 C436	42 00 00 FA 85 45 60	– do. – 50V (J) 0.056	〃		
※	C437 C438	42 00 00 FA 85 43 90	– do. – 50V (J) 0.039	〃		
	C439 C440	42 00 00 FG 51 21 00	Ceramic Capacitor 50V SL(K) 100P	セラコン		
	C441	42 00 00 FG 54 44 70	– do. – 50V F(Z) 0.047	〃		
	TC101	42 00 00 FY 00 00 90	Trimmer Capacitor CTY112A 4P	トリマーコン		
	T101	42 00 00 GE 10 02 60	FM IF Coil GE10026	FM IFコイル		
	T102	42 00 00 GE 10 02 80	FM Discriminator Coil GE10028	FM ディスクリコイル		
※	T201 T202	42 00 00 GE 20 02 10	MPX Low-Pass Filter BL-21HJ	MPX ローパスフィルター		
	T203 T204	42 00 00 GE 20 00 80	MPX Coil GE6057	MPX コイル		
	T301	42 00 00 GE 10 02 30	AM Antenna Coil GE10023	AM アンテナコイル		
	T302	42 00 00 GE 10 01 50	OSC Coil AM GE6013	OSC コイル AM		
	T303	42 00 00 GE 10 02 70	AM IF Coil GE10027	AM IFコイル		
	L101 L102	42 00 00 GE 30 01 50	RF Inductor 8.2mH	RF インダクター		
	L103	42 00 00 GE 20 01 70	MPX Coil 22mH	MPX固定コイル		
	L104	42 00 00 GE 30 02 40	Inductor LAL04N100K 10μH	円筒型インダクター		
	L301～L303	42 00 00 GE 30 02 40	– do. – LAL04N100K 10μH	〃		
※	L304	42 00 00 GE 30 02 90	– do. – LAL042R2M 2.2μH	〃		
	L401 L402	42 00 00 GE 20 01 80	MPX Coil 47mH	MPX 固定コイル		
	CF101～CF105	42 00 00 GG 00 03 90	Ceramic Filter 107S12	セラミックフィルター		
	R101	42 00 00 HJ 35 51 50	Carbon Resistor RD25 SM-8 150Ω	カーボン抵抗		
	R102	42 00 00 HJ 35 52 20	– do. – 220	〃		
	R103	42 00 00 HJ 35 81 00	– do. – 100K	〃		
	R104	42 00 00 HJ 35 52 20	– do. – 220	〃		
	R105	42 00 00 HJ 35 54 70	– do. – 470	〃		
	R106	42 00 00 HJ 35 64 70	– do. – 4.7K	〃		
	R107～R109	42 00 00 HJ 35 54 70	– do. – 470	〃		

※ New Parts

Ref No.	Part No.	Description	部品名	Markets	Remarks
R110	42 00 00 HJ 35 51 00	Carbon Resistor RD25 SM-8 100	カーボン抵抗		
R111	42 00 00 HJ 35 42 20	– do. – 22	〃		
R112 R113	42 00 00 HJ 35 54 70	– do. – 470	〃		
R114	42 00 00 HJ 35 53 30	– do. – 330	〃		
R115	42 00 00 HJ 35 61 00	– do. – 1K	〃		
R116 R117	42 00 00 HJ 35 71 00	– do. – 10K	〃		
R118	42 00 00 HJ 35 54 70	– do. – 470	〃		
R119	42 00 00 HJ 35 52 20	– do. – 220	〃		
R120	42 00 00 HJ 35 42 20	– do. – 22	〃		
R121	42 00 00 HJ 35 54 70	– do. – 470	〃		
R122	42 00 00 HJ 35 52 20	– do. – 220	〃		
R123	42 00 00 HJ 35 74 70	– do. – 47K	〃		
R124	42 00 00 HJ 35 54 70	– do. – 470	〃		
R125	42 00 00 HJ 35 52 20	– do. – 220	〃		
R126	42 00 00 HJ 35 66 80	– do. – 6.8K	〃		
R127	42 00 00 HJ 35 71 00	– do. – 10K	〃		
R128	42 00 00 HJ 35 51 00	– do. – 100	〃		
R129 R130	42 00 00 HJ 35 66 80	– do. – 6.8K	〃		
R131	42 00 00 HJ 35 74 70	– do. – 47K	〃		
R132	42 00 00 HJ 35 72 20	– do. – 22K	〃		
R133	42 00 00 HJ 35 74 70	– do. – 47K	〃		
R134	42 00 00 HJ 35 81 00	– do. – 100K	〃		
R135	42 00 00 HJ 35 91 00	– do. – 1M	〃		
R136	42 00 00 HJ 35 84 70	– do. – 470K	〃		
R137	42 00 00 HJ 35 73 30	– do. – 33K	〃		
R138	42 00 00 HJ 35 66 80	– do. – 6.8K	〃		
R139	42 00 00 HJ 35 63 30	– do. – 3.3K	〃		
R140	42 00 00 HJ 35 74 70	– do. – 47K	〃		
R141	42 00 00 HJ 35 63 30	– do. – 3.3K	〃		
R142～ R144	42 00 00 HJ 35 72 20	– do. – 22K	〃		
R145	42 00 00 HJ 35 82 20	– do. – 220K	〃		
R146	42 00 00 HJ 35 74 70	– do. – 47K	〃		
R147	42 00 00 HJ 35 81 00	– do. – 100K	〃		
R148	42 00 00 HJ 35 74 70	– do. – 47K	〃		
R149	42 00 00 HJ 35 52 20	– do. – 220	〃		
R150	42 00 00 HJ 35 82 20	– do. – 220K	〃		
R151	42 00 00 HJ 35 61 50	– do. – 1.5K	〃		
R152	42 00 00 HJ 35 54 70	– do. – 470	〃		
R153	42 00 00 HJ 35 71 00	– do. – 10K	〃		
R154	42 00 00 HJ 35 72 20	– do. – 22K	〃		
R155 R156	42 00 00 HJ 35 74 70	– do. – 47K	〃		
R157	42 00 00 HJ 35 91 00	– do. – 1M	〃		
R158 R159	42 00 00 HJ 35 81 00	– do. – 100K	〃		
R160	42 00 00 HJ 35 82 20	– do. – 220K	〃		
R161 R162	42 00 00 HJ 35 52 20	– do. – 220	〃		
R163	42 00 00 HJ 35 71 20	– do. – 12K	〃		
R164	42 00 00 HJ 35 72 20	– do. – 22K	〃		
R165	42 00 00 HJ 35 74 70	– do. – 47K	〃		
R166	42 00 00 HJ 35 71 00	– do. – 10K	〃		
R167	42 00 00 HJ 35 81 00	– do. – 100K	〃		
R168	42 00 00 HJ 35 52 20	– do. – 220	〃		
R169	42 00 00 HJ 35 63 30	– do. – 3.3K	〃		
R170	42 00 00 HJ 35 82 20	– do. – 220K	〃		

※ New Parts

	Ref No.	Part No.	Description		部品名	Markets	Remarks
	R172	42 00 00 HJ 35 71 00	Carbon Resistor RD25 SM-8	10K	カーボン抵抗		
	R173	42 00 00 HJ 35 74 70	– do. –	47K	〃		
	R174	42 00 00 HJ 35 51 00	– do. –	100	〃		
	R201	42 00 00 HJ 35 72 20	– do. –	22K	〃		
	R202	42 00 00 HJ 35 51 00	– do. –	100	〃		
	R203 R204	42 00 00 HJ 35 73 90	– do. –	39K	〃		
	R205 R206	42 00 00 HJ 35 71 00	– do. –	10K	〃		
	R207 R208	42 00 00 HJ 35 74 70	– do. –	47K	〃		
	R209 R210	42 00 00 HJ 35 71 00	– do. –	10K	〃		
	R211 R212	42 00 00 HJ 35 81 20	– do. –	120K	〃		
	R213 R214	42 00 00 HJ 35 42 20	– do. –	22	〃		
	R215 ~ R218	42 00 00 HJ 35 63 30	– do. –	3.3K	〃		
	R219 R220	42 00 00 HJ 35 62 20	– do. –	2.2K	〃		
	R221 R222	42 00 00 HJ 35 71 00	– do. –	10K	〃		
	R223	42 00 00 HJ 35 76 80	– do. –	68K	〃		
	R224	42 00 00 HJ 35 73 30	– do. –	33K	〃		
	R225	42 00 00 HJ 35 61 20	– do. –	1.2K	〃		
	R226 R227	42 00 00 HJ 35 72 20	– do. –	22K	〃		
	R228	42 00 00 HJ 35 82 20	– do. –	220K	〃		
	R229	42 00 00 HJ 35 62 20	– do. –	2.2K	〃		
	R230	42 00 00 HJ 35 72 20	– do. –	22K	〃		
※	R231	42 00 00 HU 57 71 50	Metal Film Resistor	15K	金属被膜抵抗		
	R232	42 00 00 HJ 35 72 20	Carbon Resistor RD25, SM-8	22K	カーボン抵抗		
	R233 R234	42 00 00 HJ 35 76 80	– do. –	68K	〃		
	R235	42 00 00 HJ 35 74 70	– do. –	47K	〃		
	R236	42 00 00 HJ 35 73 30	– do. –	33K	〃		
	R237	42 00 00 HJ 35 61 00	– do. –	1K	〃		
	R238 R239	42 00 00 HJ 35 61 20	– do. –	1.2K	〃		
	R240	42 00 00 HJ 35 71 00	– do. –	10K	〃		
	R241	42 00 00 HJ 35 61 00	– do. –	1K	〃		
	R242	42 00 00 HJ 35 71 00	– do. –	10K	〃		
	R243	42 00 00 HJ 35 91 00	– do. –	IM	〃		
	R301	42 00 00 HG 00 64 70	Carbon Resistor R50 (J) ½W	4.7K	〃		
	R305	42 00 00 HJ 35 62 20	Carbon Resistor RD25 SM-8	2.2K	〃		
	R306	42 00 00 HJ 35 51 50	– do. –	150	〃		
	R307 R308	42 00 00 HJ 35 71 00	– do. –	10K	〃		
	R309	42 00 00 HJ 35 61 00	– do. –	1K	〃		
	R310 R311	42 00 00 HJ 35 52 20	– do. –	220	〃		
	R403 R404	42 00 00 HJ 35 61 80	– do. –	1.8K	〃		
	R405 R406	42 00 00 HJ 35 61 00	– do. –	1K	〃		
	R407 R408	42 00 00 HJ 35 62 70	– do. –	2.7K	〃		
	R409 ~ R412	42 00 00 HJ 35 71 00	– do. –	10K	〃		
	R413 ~ R416	42 00 00 HJ 35 52 70	– do. –	270	〃		
	R417 ~ R420	42 00 00 HJ 35 64 70	– do. –	4.7K	〃		
※	R421 R422	42 00 00 HM 05 58 20	Cement Molded Resistor 5P	820	セメント抵抗		
	R435 ~ R440	42 00 00 HJ 35 91 00	Carbon Resistor RD25 SM-8	1M	カーボン抵抗		
	R441 R442	42 00 00 HJ 35 52 20	– do. –	220	〃		
	R443 R444	42 00 00 HJ 35 82 20	– do. –	220K	〃		
	R445 R446	42 00 00 HL 42 63 30	Metal Oxide Resistor 2P	3.3K	酸金抵抗		
	R447 ~ R450	42 00 00 HJ 35 81 00	Carbon Resistor RD25 SM-8	100K	カーボン抵抗		
	R451 R452	42 00 00 HJ 35 58 20	– do. –	820	〃		
	R453 ~ R456	42 00 00 HJ 35 62 70	– do. –	2.7K	〃		
	R457 R458	42 00 00 HJ 35 61 80	– do. –	1.8K	〃		

※ New Parts

	Ref No.	Part No.	Description	部品名	Markets	Remarks
	R459 R460	42 00 00 HJ 35 58 20	Carbon Resistor RD25 SM-8 820	カーボン抵抗		
	R461 R462	42 00 00 HJ 35 53 90	– do. – 390	〃		
	R463 R464	42 00 00 HJ 35 63 90	– do. – 3.9K	〃		
	R467 R468	42 00 00 HJ 35 31 20	– do. – 1.2	〃		
	VR101 ~ VR103	42 00 00 HT 17 00 40	Semi Fixed Variable Resistor B500	半固定VR V8K4−1		
※	VR201 VR202	42 00 00 HT 77 00 70	– do. – B20K	〃 KVSF8−7PNF		
	VR203	42 00 00 HT 17 00 20	– do. – B10K	〃 V8K4−1		
※	VR204	42 00 00 HT 77 00 90	– do. – B100K	〃 KVSF8−7PNF		
	VR401 VR402	42 00 00 HT 37 01 50	– do. – B100	〃 V8		
※	VR403	42 00 00 HS 41 09 20	Variable Resistor 16-Type 50KA x 2	VR 16型(音量)		
	VR404	42 00 00 HS 31 07 40	– do. – 20KCS x 2	〃		¦ Interchangeable
※	VR404	42 00 00 HS 31 06 50	– do. – 20KCS x 2	〃 (BASS)		
※	VR405 VR406	42 00 00 HS 31 06 60	– do. – 20K Special G x 2	〃 (PRESENCE TREBLE)		
※	VR407	42 00 00 HS 31 06 70	– do. – 20K HB-2	〃 (BALANCE)		
	TR101	42 00 00 iC 22 40 00	Transistor 2SC2240 (GR,BL)	トランジスタ		
	TR102	42 00 00 iC 05 35 00	– do. – 2SC535 (A,B,C)	〃		
	TR103 ~ TR110	42 00 00 iC 18 15 00	– do. – 2SC1815 (Y,GR)	〃		¦ 〃
	TR103 ~ TR110	42 00 00 iC 23 20 10	– do. – 2SC2320 (E,F)	〃		
※	TR111 TR112	42 00 00 iA 10 15 70	– do. – 2SA1015 (O,Y)	〃		¦ 〃
	TR111 TR112	42 00 00 iA 09 99 10	– do. – 2SA999 (E,F)	〃		
	TR113 TR114	42 00 00 iC 18 15 00	– do. – 2SC1815 (Y,G,R)	〃		¦ 〃
	TR113 TR114	42 00 00 iC 23 20 10	– do. – 2SC2320 (E,F)	〃		
※	TR115 TR116	42 00 00 iA 10 15 70	– do. – 2SA1015 (O,Y)	〃		¦ 〃
	TR115 TR116	42 00 00 iA 09 99 10	– do. – 2SA999 (E,F)	〃		
	TR117 ~ TR120	42 00 00 iC 18 15 00	– do. – 2SC1815 (Y,GR)	〃		¦ 〃
	TR117 ~ TR120	42 00 00 iC 23 20 10	– do. – 2SC2320 (E,F)	〃		
※	TR121	42 00 00 iA 10 15 70	– do. – 2SA1015 (O,Y)	〃		¦ 〃
	TR121	42 00 00 iA 09 99 10	– do. – 2SA999 (E,F)	〃		
※	TR201 TR202	42 00 00 iC 25 00 00	– do. – 2SC2500	〃		¦ 〃
	TR201 TR202	42 00 00 iD 06 55 00	– do. – 2SD655 (D,E,F)	〃		
	TR203	42 00 00 iC 18 15 00	– do. – 2SC1815 (Y,GR)	〃		¦ 〃
	TR203	42 00 00 iC 23 20 10	– do. – 2SC2320 (E,F)	〃		
※	TR204	42 00 00 iA 10 15 70	– do. – 2SA1015 (O,Y)	〃		¦ 〃
	TR204	42 00 00 iA 09 99 10	– do. – 2SA999 (E,F)	〃		
	TR205	42 00 00 iD 06 69 00	– do. – 2SD669 (C,D)	〃		
	TR401 TR402	42 00 00 iC 23 00 00	– do. – 2SC2300	〃		¦ 〃
※	TR401 TR402	42 00 00 iD 07 86 00	– do. – 2SD786 (Q,R,S)	〃		
※	TR401 TR402	42 00 00 iC 25 46 20	– do. – 2SC2546 (D,E)	〃		
※	TR403 TR404	42 00 00 iA 10 84 20	– do. – 2SA1084 (D,E)	〃		¦ 〃
	TR403 TR404	42 00 00 iA 09 98 00	– do. – 2SA998	〃		
※	TR403 TR404	42 00 00 iB 07 37 00	– do. – 2SB737 (Q,R,S)	〃		
	D101 D102	42 00 00 iF 00 00 40	Diode 1S1555	ダイオード		¦ 〃
	D101 D102	42 00 00 iF 00 06 70	– do. – 1S2473	〃		
	D103	42 00 00 iF 00 03 20	Zener Diode WZ061	ツェナーダイオード		¦ 〃
※	D103	42 00 00 iF 00 14 70	– do. – RD62EB2	〃		
	D103	42 00 00 iF 00 10 70	– do. – HZ6B	〃		
※	D104 ~ D106	42 00 00 iF 00 14 30	LED (Red) SLP-141B	LED 赤角型		
	D107	42 00 00 iF 00 03 20	Zener Diode WZ061	ツェナーダイオード		¦ 〃
※	D107	42 00 00 iF 00 14 70	– do. – RD62EB2	〃		
	D107	42 00 00 iF 00 10 70	– do. – HZ6B	〃		
	D108 D109	42 00 00 iF 00 00 40	Diode 1S1555	ダイオード		¦ 〃
	D108 D109	42 00 00 iF 00 06 70	– do. – 1S2473	〃		
	D201 D202	42 00 00 iF 00 00 40	– do. – 1S1555	〃		¦ 〃
	D201 D202	42 00 00 iF 00 06 70	– do. – 1S2473	〃		

※ New Parts

	Ref No.	Part No.	Description	部品名	Markets	Remarks
※	D203～D205	42 00 00 iF 00 14 30	LED SLP-141B	LED 赤角型		
	D206	42 00 00 iF 00 03 50	Zener Diode WZ130	ツェナーダイオード		Interchangeable
	D206	42 00 00 iF 00 05 50	– do. – HZ 12C	〃		
	IC101	42 00 00 iG 00 03 90	IC μPC 577H	IC		
	IC102	42 00 00 iG 03 45 00	IC μPC 577H (F)	〃		
	IC103	42 00 00 iG 02 83 00	– do. – UPC 4558	〃		
	IC201	42 00 00 iG 02 92 00	– do. – IG 02920	〃		
	IC301	42 00 00 iG 03 17 00	– do. – LA 1240	〃		
	IC401 IC402	42 00 00 iG 02 62 00	– do. – HA 1457	〃		
※	SW101	42 00 00 KA 80 10 20	Push Switch	プッシュスイッチ5連		
※	SW401	42 00 00 KA 80 09 70	– do. –	〃 単連		
	SW402 SW403	42 00 00 KA 50 03 90	Rotary Switch SPZV045NO1	ロータリーSW 4回路5接点		
	PJ401～PJ404	42 00 00 LB 40 03 10	Pin Jack PC 4P	ピンジャックL型改良		Interchangeable
	PJ401～PJ404	42 00 00 LB 40 06 10	– do. – 4P	〃 ブラス品		
	PK101	42 00 00 PA 00 05 10	RF Pack FR651U	パック		
		42 00 00 LA 00 25 40	I Type Wrapping Terminal 2P p=5(0)	I型ラッピング端子板		
		42 00 00 LA 00 25 50	– do. – 3P p=5(0)			
		42 00 00 LA 00 20 30	– do. – 4P p=5			
		42 00 00 LA 00 27 70	5P Antenna Terminal	5Pアンテナ端子板		
		42 00 00 Mi 06 72 40	Ribbon Wire UL2468, 2P	リボンワイヤー		
		42 00 00 Mi 06 72 50	– do. – 2P	〃		
		42 00 00 Mi 06 75 20	– do. – 3P	〃		
		42 00 00 Mi 06 75 30	– do. – 3P	〃		
		42 00 00 Mi 06 75 60	– do. – 3P	〃		
		42 00 00 Mi 06 76 00	– do. – 3P	〃		
		32 00 00 AA 08 29 10	Shield Plate	シールド板		
※		32 00 00 AA 09 58 80	Switch Holder (A)	SWホルダー(A)		
※		32 00 00 BA 06 96 20	Heat Sink	放熱板		
		32 00 00 CB 08 96 70	6L Holder	6Lホルダー		
		42 00 00 CB 06 88 80	Plastic Rivet φ3.5 201-JD	プラスチックリベット		
		42 00 00 ED 03 00 60	Bind Head Screw 3 x 6 ZMC2-Y	鉄バインド小ネジ		
		42 00 00 EK 03 00 60	Bind Head Tapping Screw 3 x 8 ZMC2-Y	鉄バインドタッピングネジ2種		
		42 00 00 LB 10 01 10	Diamond Connect Pin	ダイヤモンドコネクトピン		

MAIN CIRCUIT BOARD

※ New Parts

	Ref No.	Part No.	Description	部品名	Markets	Remarks
	C501 C502	42 00 00 FJ 24 62 20	Electrolytic Capacitor Vert. 2.2/25	ケミコンタテ型		
	C503 C504	42 00 00 FZ 00 05 30	– do. – (MS) 10/25	〃 (MS)		
※	C505 C506	42 00 00 FG 51 22 20	Ceramic Capacitor 50V SL(K) 220P	セラコン		
※	C507 C508	42 00 00 FG 51 24 70	– do. – 50V SL(K) 470P	セラコン		
	C509 C510	42 00 00 FJ 21 82 20	Electrolytic Capacitor Vert. 220/6.3	ケミコンタテ型		
※	C511 C512	42 00 00 FZ 00 17 30	Electrolytic Capacitor 470/6.3	ケミコン小型		
	C513 C514	42 00 00 FT 36 45 60	PS Capacitor (G) 0.056	PSコン (G)		
	C515 C516	42 00 00 FT 36 41 60	– do. – 0.016	〃		
※	C517 C518	42 00 00 FG 51 24 70	Ceramic Capacitor 50V SL(K) 470P	セラコン		
	C519 C520	42 00 00 FG 54 31 00	– do. – 50V YZ 0.001	〃		
※	C521 C522	42 00 00 FG 51 07 00	– do. – 50V SL(K) 7P	〃		
※	C523 C524	42 00 00 FZ 00 17 20	Electrolytic Capacitor 100/35	ケミコン小型		
	C525 C526	42 00 00 FZ 00 09 00	Electrolytic Capacitor Vert. (MS) 2.2/50	ケミコンタテ型 (MS)		
	C527 C528	42 00 00 FA 85 41 00	Mylar Capacitor 50V (J) 0.01	マイラーコン		
	C601 C602	42 00 00 FA 45 51 50	Mylar Capacitor 50V (J) 0.15	マイラーコン		
※	C603 C604	42 00 00 FA 85 33 90	– do. – 50V (J) 0.0039	〃		
※	C605 C606	42 00 00 FA 85 41 50	– do. – 50V (J) 0.015	〃		
※	C607 C608	42 00 00 FA 85 42 20	– do. – 50V (J) 0.022	〃		
	C609 ~ C612	42 00 00 FA 45 52 70	– do. – 50V (J) 0.27	〃		
	C613 C614	42 00 00 FJ 26 62 20	Electrolytic Capacitor Vert. 2.2/50	ケミコンタテ型		
	C615 ~ C618	42 00 00 FG 51 21 00	Ceramic Capacitor 50V SL(K) 100P	セラコン		
	C619 ~ C622	42 00 00 FJ 26 61 00	Electrolytic Capacitor Vert. 1/50	ケミコンタテ型		
	C623 C624	42 00 00 FJ 26 62 20	– do. – 2.2/50	〃		
※	C625 C626	42 00 00 FG 51 04 00	Ceramic Capacitor 50V SL(D) 4P	セラコン		
※	C627 C628	42 00 00 FG 51 06 00	– do. – 50V SL(K) 6P	〃		
	C629 C630	42 00 00 FG 54 44 70	– do. – 50V YZ 0.047	〃		
	C631 C632	42 00 00 FG 54 51 00	– do. – 50V YZ 0.1	〃		
	C633 ~ C636	42 00 00 FH 61 18 20	– do. – 50V CH(K) 82P	〃		
	C637 C638	42 00 00 FJ 26 61 00	Electrolytic Capacitor Vert. 1/50	ケミコンタテ型		
	C639 C640	42 00 00 FG 54 44 70	Ceramic Capacitor 50V YZ 0.047	セラコン		
	C641 ~ C646	42 00 00 FJ 27 64 70	Electrolytic Capacitor Vert. 4.7/63	ケミコンタテ型		
	C647 ~ C650	42 00 00 FG 54 51 00	Ceramic Capacitor 50V YZ 0.1	セラコン		
	C701	42 00 00 FH 23 41 00	Ceramic Capacitor 500V YZ(P) 0.01	〃		
	C702	42 00 00 FJ 28 82 20	Electrolytic Capacitor Vert. 220/80	ケミコンタテ型		
	C703 C704	42 00 00 FH 23 41 00	Ceramic Capacitor 500V YZ(P) 0.01	セラコン		
※	C705 C706	42 00 00 FJ 28 84 70	Electrolytic Capacitor Vert. 470/80	ケミコンタテ型		
	C707 C708	42 00 00 FH 21 21 00	Ceramic Capacitor 500V YW(K) 100P	セラコン		
	C709 C710	42 00 00 FJ 27 64 70	Electrolytic Capacitor Vert. 4.7/63	ケミコンタテ型		
	C711	42 00 00 FJ 26 84 70	– do. – 470/50	〃		
	C712	42 00 00 FJ 25 81 00	– do. – 100/35	〃		
	C713	42 00 00 FJ 25 71 00	– do. – 10/35	〃		
	C714 C715	42 00 00 FJ 27 74 70	– do. – 47/63	〃		
	C716	42 00 00 FG 54 41 00	Ceramic Capacitor 50V YZ 0.01	セラコン		
	C803	42 00 00 FJ 26 61 00	Electrolytic Capacitor Vert. 1/50	ケミコンタテ型		
	C804 ~ C807	42 00 00 FH 23 41 00	Ceramic Capacitor 500V YZ(P) 0.01	セラコン		
※	C808 C809	42 00 00 FZ 00 16 60	Electrolytic Capacitor 15000/63	ケミコン大型		Interchangeable
※	C808 C809	42 00 00 FZ 00 16 70	– do. – 15000/63	〃		
	C810	42 00 00 FJ 12 74 70	Electrolytic Capacitor Vert. 47/10	ケミコンタテ型		
※	C811	42 00 00 FM 40 74 70	Electrolytic Capacitor Z-Type 47/25	ケミコンZ型		
	C812	42 00 00 FJ 25 81 00	Electrolytic Capacitor Vert. 100/35	ケミコンタテ型		
	C813	42 00 00 FJ 23 71 00	– do. – 10/16	〃		
	C814 C815	42 00 00 FJ 26 61 00	Electrolytic Capacitor Vert. 1/50	ケミコンタテ型		
	C816 C817	42 00 00 FA 85 41 00	Mylar Capacitor 50V (J) 0.01	マイラーコン		

※ New Parts

	Ref No.	Part No.	Description		部品名	Markets	Remarks
	L601 L602	42 00 00 GD 90 02 80	Coil	3μH	コイル		
	R501 R502	42 00 00 HJ 35 81 20	Carbon Resistor RD25 SM-8	120K	カーボン抵抗		
	R503 R504	42 00 00 HJ 35 51 50	– do. –	150	〃		
	R505 R506	42 00 00 HJ 35 78 20	– do. –	82K	〃		
	R507 R508	42 00 00 HJ 35 61 00	– do. –	1K	〃		
	R509 R510	42 00 00 HJ 35 81 00	– do. –	100K	〃		
	R511 R512	42 00 00 HJ 35 72 20	– do. –	22K	〃		
	R513 R514	42 00 00 HJ 35 52 20	– do. –	220	〃		
	R515 R516	42 00 00 HJ 35 74 70	– do. –	47K	〃		
	R517 R518	42 00 00 HJ 35 51 20	– do. –	120	〃		
	R519 R520	42 00 00 HU 57 75 60	Metal Film Resistor (F)	56K	金属被膜抵抗		
	R521 R522	42 00 00 HU 57 64 70	– do. – (F)	4.7K	〃		
	R523 R524	42 00 00 HJ 35 44 70	Carbon Resistor RD25 SM-8	47	カーボン抵抗		
	R525 R526	42 00 00 HJ 35 73 90	– do. –	39K	〃		
	R527 R528	42 00 00 HJ 35 51 00	– do. –	100	〃		
	R529 R530	42 00 00 HJ 35 63 30	– do. –	3.3K	〃		
	R531 R532	42 00 00 HJ 35 61 50	– do. –	1.5K	〃		
	R533 R534	42 00 00 HJ 35 51 80	– do. –	180	〃		
	R535 R536	42 00 00 HJ 35 45 60	– do. –	56	〃		
	R537 ~ R540	42 00 00 HJ 35 42 20	– do. –	22	〃		
	R541 R542	42 00 00 HJ 35 52 20	– do. –	220	〃		
	R543 R544	42 00 00 HJ 35 74 70	– do. –	47K	〃		
	R601 R602	42 00 00 HJ 35 61 80	– do. –	1.8K	〃		
	R603 R604	42 00 00 HJ 35 66 80	– do. –	6.8K	〃		
	R605 R606	42 00 00 HJ 35 64 70	– do. –	4.7K	〃		
	R607 R608	42 00 00 HJ 35 73 30	– do. –	33K	〃		
	R609 ~ R612	42 00 00 HJ 35 92 20	– do. –	2.2M	〃		
	R613 R614	42 00 00 HJ 35 91 00	– do. –	1M	〃		
	R615 R616	42 00 00 HJ 35 52 20	– do. –	220	〃		
	R617 R618	42 00 00 HJ 35 71 80	– do. –	18K	〃		
	R619 R620	42 00 00 HJ 35 73 90	– do. –	39K	〃		
	R621 R622	42 00 00 HJ 35 61 50	– do. –	1.5K	〃		
	R623 R624	42 00 00 HJ 35 73 30	– do. –	33K	〃		
	R625 R626	42 00 00 HJ 35 61 00	– do. –	1K	〃		
	R627 R628	42 00 00 HJ 35 76 80	– do. –	68K	〃		
	R629 R630	42 00 00 HJ 35 61 00	– do. –	1K	〃		
	R631 ~ R634	42 00 00 HJ 35 53 90	– do. –	390	〃		
※	R635 ~ R638	42 00 00 HZ 00 10 30	Metal Plate Resistor 5P	0.47	金属板抵抗		
	R639 R640	42 00 00 HZ 00 07 10	Fire Proof Resistor 1P	0.47	不燃性抵抗		
	R641 R642	42 00 00 HL 32 41 00	Metal Oxide Resistor 2P	10	酸金抵抗		
	R701	42 00 00 HM 55 51 80	Cement Molded Resistor 5P	180	セメント抵抗		
	R702 R703	42 00 00 HJ 35 62 20	Carbon Resistor RD25 SM-8	2.2K	カーボン抵抗		
	R704 R705	42 00 00 HJ 35 71 00	– do. –	10K	〃		
	R706 R707	42 00 00 HJ 35 72 70	– do. –	27K	〃		
	R708	42 00 00 HJ 35 71 20	– do. –	12K	〃		
	R709	42 00 00 HJ 35 86 80	– do. –	680K	〃		
	R710	42 00 00 HJ 35 63 90	– do. –	3.9K	〃		
	R711	42 00 00 HJ 35 72 20	– do. –	22K	〃		
	R712 R713	42 00 00 HJ 35 71 50	– do. –	27K	〃		
	R714	42 00 00 HJ 35 64 70	– do. –	4.7K	〃		
※	R715	42 00 00 HM 05 51 80	Cement Molded Resistor 5P	180	セメント抵抗		
	R716 R717	42 00 00 HJ 35 65 60	Carbon Resistor RD25 SM-8	5.6K	カーボン抵抗		
	R801 ~ R804	42 00 00 HJ 35 84 70	– do. –	470K	〃		

※ New Parts

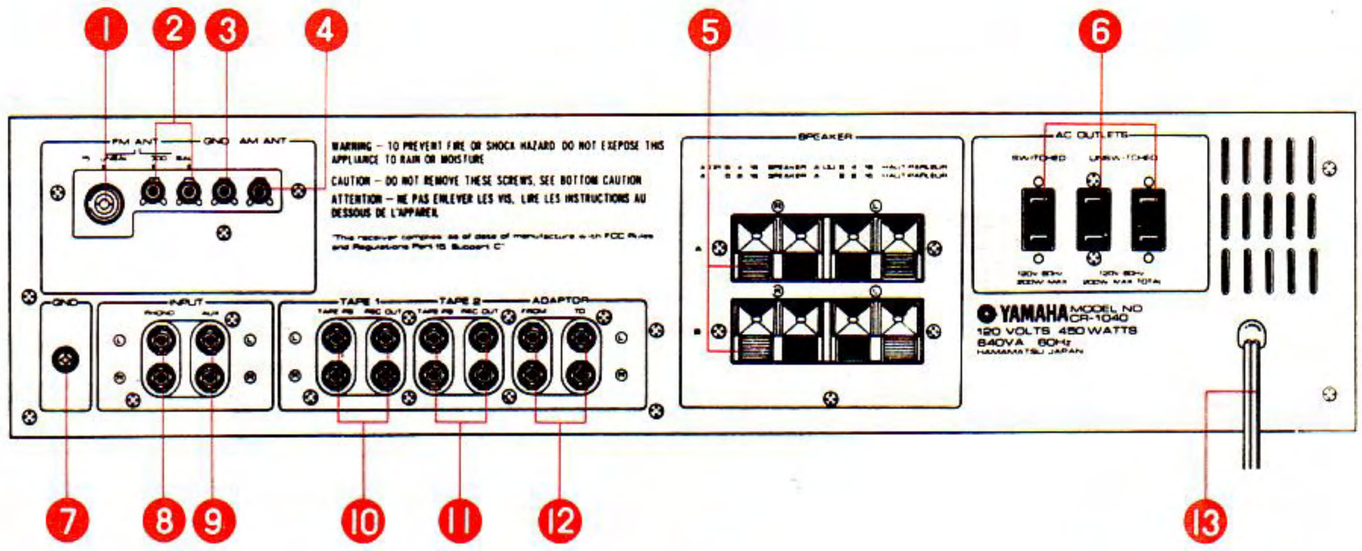
	Ref No.	Part No.	Description		部品名	Markets	Remarks
	R805～R808	42 00 00 HJ 35 85 60	Carbon Resistor RD25 SM-8	560K	カーボン抵抗		
	R809 R810	42 00 00 HJ 35 81 00	– do. –	100K	〃		
	R811	42 00 00 HJ 35 61 80	– do. –	1.8K	〃		
	R812	42 00 00 HJ 35 62 20	– do. –	2.2K	〃		
	R813 R814	42 00 00 HL 32 64 70	Metal Oxide Resistor 2P	4.7K	酸金抵抗		
	R815	42 00 00 HJ 35 72 20	Carbon Resistor RD25 SM-8	22K	カーボン抵抗		
	R816	42 00 00 HJ 35 71 00	– do. –	10K	〃		
	R817	42 00 00 HJ 35 83 90	– do. –	390K	〃		
	R818	42 00 00 HJ 35 71 50	– do. –	15K	〃		
	R819	42 00 00 HJ 35 82 70	– do. –	270K	〃		
	R820 R821	42 00 00 HJ 35 73 90	– do. –	390K	〃		
	R822 R823	42 00 00 HJ 35 61 80	– do. –	1.8K	〃		
	R824 R825	42 00 00 HJ 35 92 20	– do. –	2.2M	〃		
	R826	42 00 00 HJ 35 74 70	– do. –	47K	〃		
	R827	42 00 00 HJ 35 82 20	– do. –	220K	〃		
	R828	42 00 00 HJ 35 92 20	– do. –	2.2M	〃		
	R829	42 00 00 HJ 35 74 70	– do. –	47K	〃		
	R830	42 00 00 HJ 35 65 60	– do. –	5.6K	〃		
	R831 R832	42 00 00 HJ 35 68 20	– do. –	8.2K	〃		
	R833	42 00 00 HJ 35 62 20	– do. –	2.2K	〃		
	R834～R837	42 00 00 HL 52 52 70	Metal Oxide Resistor 2P	270	酸金抵抗		
	R838 R839	42 00 00 HJ 35 82 20	Carbon Resistor RD25 SM-8	220K	カーボン抵抗		
※	VR601	42 00 00 HS 31 06 80	Variable Resistor	20KB	ボリューム11点クリック		
	VR603 VR604	42 00 00 HT 77 00 60	Semi Fixed Variable Resistor	B10K	半固定VR, KVSF8-7NF		
	VR701	42 00 00 HT 77 00 50	– do. –	B5K	〃 〃		
	VR801 VR802	42 00 00 HT 77 00 20	– do. –	B500	〃 〃		
※	FR701 FR702	42 00 00 HW 89 51 80	Fuse Resistor 37mA	180	ヒューズ抵抗	R,A,G,C,B	
	FR701 FR702	42 00 00 HW 99 51 80	– do. – 37mA	180	〃 FN19181J	U	
	TR501 TR502	42 00 00 iA 09 98 00	Transistor	2SA998	トランジスタ		Interchangeable
	TR501 TR502	42 00 00 iA 09 70 00	– do. –	2SA970 (GR,BL)	〃		
	TR503～TR506	42 00 00 iC 23 00 00	– do. –	2SC2300	〃		〃
	TR503～TR506	42 00 00 iC 22 40 00	– do. –	2SC2240 (GR,BL)	〃		
	TR507 TR508	42 00 00 iD 04 38 00	– do. –	2SD438	〃		〃
※	TR507 TR508	42 00 00 iD 06 66 10	– do. –	2SD666	〃		
	TR509 TR510	42 00 00 iB 05 60 00	– do. –	2SB560	〃		〃
	TR509 TR510	42 00 00 iB 06 46 00	– do. –	2SB6464 (B,C,D)	〃		
	TR701	42 00 00 iD 06 69 00	– do. –	2SD669 (C,D)	〃		
	TR702	42 00 00 iB 06 49 00	– do. –	2SB649 (C,D)	〃		
	TR703	42 00 00 iA 09 70 00	– do. –	2SA970 (GR,BL)	〃		
	TR704 TR705	42 00 00 iC 22 40 00	– do. –	2SC2240 (GR,BL)	〃		
	TR706	42 00 00 iA 09 70 00	– do. –	2SA970 (GR,BL)	〃		
※	TR707	42 00 00 iD 06 67 00	– do. –	2SD667	〃		Interchangeable
	TR707	42 00 00 iD 04 38 00	– do. –	2SD438	〃		
※	TR801	42 00 00 iA 10 15 10	– do. –	2SA1015	〃		〃
	TR801	42 00 00 iA 09 99 10	– do. –	2SA999 (E,F)	〃		
	TR802～TR804	42 00 00 iE 10 12 20	FET	2SK105H	FET		〃
	TR802～TR804	42 00 00 iE 00 00 20	– do. –	2SK30A (GR)	〃		
	TR805	42 00 00 iC 22 40 00	Transistor	2SC2240 (GR,BL)	トランジスタ		
	TR806	42 00 00 iA 09 70 00	– do. –	2SA970 (GR,BL)	〃		
	TR807 TR808	42 00 00 iC 18 15 00	– do. –	2SC1815	〃		〃
※	TR807 TR808	42 00 00 iC 23 20 00	– do. –	2SC2320	〃		
※	TR809	42 00 00 iC 19 59 00	– do. –	2SC1959	〃		〃
	TR809	42 00 00 iD 07 34 00	– do. –	2SD734 (E.F.VCE350V)	〃		

※ New Parts

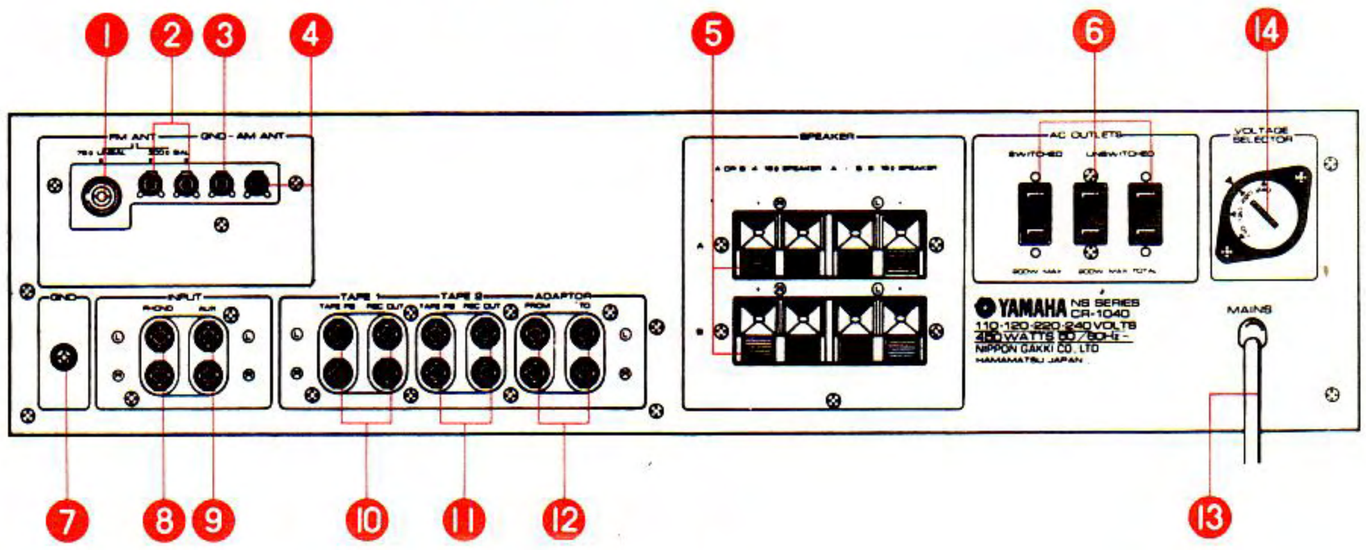
	Ref No.	Part No.	Description	部品名	Markets	Remarks
	D501～D504	42 00 00 iF 00 00 40	Diode 1S1555	ダイオード		Interchangeable
	D501～D504	42 00 00 iF 00 06 70	– do. – 1S2473	〃		〃
※	D701	42 00 00 iH 00 07 20	– do. – W03B	〃		〃
	D701	42 00 00 iH 00 02 40	– do. – 1S1885	〃		〃
	D702 D703	42 00 00 iH 00 07 10	– do. – W06C	〃		〃
	D702 D703	42 00 00 iH 00 02 50	– do. – 1S1886	〃		〃
	D704～D706	42 00 00 iF 00 05 70	Zener Diode HZ06C	ツェナーダイオード		〃
	D704～D706	42 00 00 iF 00 14 70	– do. – RD6, 2EB2	〃		〃
	D707	42 00 00 iH 00 07 10	Diode W06C	ダイオード		〃
	D707	42 00 00 iH 00 02 50	– do. – 1S1886	〃		〃
※	D801 D802	42 00 00 iF 00 14 30	LED SLP141B	LED赤角型		
	D803	42 00 00 iH 00 02 20	Diode S5151R	ダイオード		〃
	D803	42 00 00 iH 00 05 10	– do. – SS-5R	〃		〃
	D804	42 00 00 iH 00 02 10	– do. – S5151	〃		〃
	D804	42 00 00 iH 00 05 00	– do. – SS-5	〃		〃
	D805	42 00 00 iF 00 00 40	– do. – 1S1555	〃		〃
	D805	42 00 00 iF 00 06 70	– do. – 1S2473	〃		〃
	D806	42 00 00 iH 00 07 10	– do. – W06C	〃		〃
	D806	42 00 00 iH 00 02 50	– do. – 1S1886	〃		〃
※	IC601 IC602	42 00 00 iG 02 93 00	IC IG02930	IC		
※	IC801 IC802	42 00 00 iG 03 09 00	– do. – M51204	〃		
	IC803	42 00 00 iG 03 07 00	– do. – TA7318	〃		
※	SW601	42 00 00 KA 50 14 20	Rotary Switch h=12.5, l=20 SRZ044N	ロータリースイッチ		
※	SW602	42 00 00 KA 80 10 10	Push Switch	プッシュSW 5連2回路		
	F701	42 00 00 KB 00 15 90	Fuse ASB 1.5A 250V	ヒューズタイラッシュ ASB	U,C	
	F701	42 00 00 KB 00 06 80	– do. – 1.25AT 250V	〃 Ⓢ タイムラグ	G,B	〃
※	F701	42 00 00 KB 00 16 30	– do. – 1.25AT 250V	〃 〃	G,B	
	F701	42 00 00 KB 00 03 40	– do. – 1.5AT 250V	〃 タイラッシュ	R,A	
※	F702	42 00 00 KB 00 16 40	– do. – 2A 250V	〃 SS-2	U,C	
※	F702	42 00 00 KB 00 16 60	– do. – 1.6AT 250V	〃 Ⓢ タイムラグ	G,B	〃
※	F702	42 00 00 KB 00 16 70	– do. – 1.6AT 250V	〃 〃	G,B	
	F702	42 00 00 KB 00 03 50	– do. – 2A 250V	〃 タイラッシュ	R,A	
	RY801	42 00 00 KC 00 06 60	Relay 75mA 12V	リレー		
※	RY801	42 00 00 KC 00 06 80	– do. – 75mA 12V	〃		
※	JK801 JK802	42 00 00 LB 30 09 80	Head Phone Jack	ヘッドホンジャック		
		42 00 00 LA 00 25 00	I Type Wrapping Terminal	I型ラッピング端子板・単連		
		42 00 00 LA 00 21 20	– do. – 3P p=5	I型ラッピング端子板		
		42 00 00 LA 00 23 20	– do. – 3P p=7.5	〃		
		42 00 00 LA 00 21 50	– do. – 3P p=10	〃		
		42 00 00 LA 00 20 30	– do. – 4P p=5	〃		
		42 00 00 LA 00 25 40	– do. – 2P p=5	〃		
		42 00 00 LA 00 29 60	4P Push Terminal	4Pプッシュターミナル		
		42 00 00 LB 50 01 60	Pin L Type 3094-5A	5Pミニチュアコネクトコンピン L型		
		42 00 00 LB 20 09 00	Fuse Holder Pin YSH402P	ヒューズホルダーピン	R,U,A,C	
		42 00 00 LB 20 15 30	– do. –	〃	G,B	
		42 00 00 Mi 06 75 20	Ribbon Wire UL2468 3P	リボンワイヤー		
		42 00 00 Mi 06 75 40	– do. – 3P	〃		
※		42 00 00 Mi 06 78 60	– do. – 4P	〃		
※		42 00 00 Mi 06 75 70	– do. – 3P	〃		

■REAR PANEL

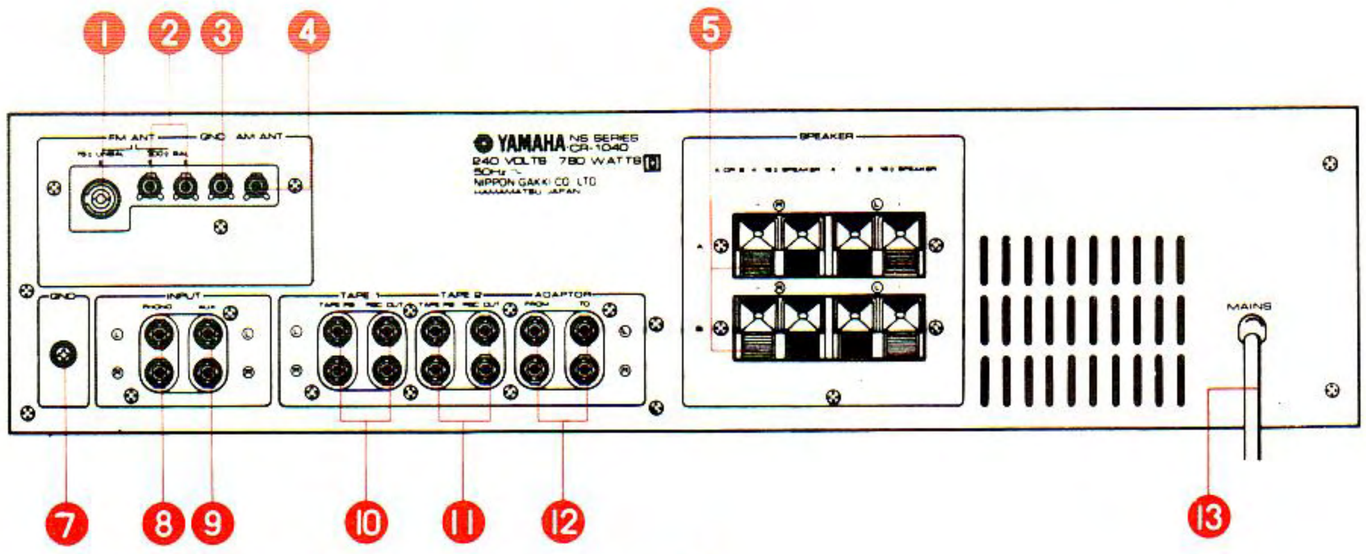
▼ U.S.A. & CANADIAN MODELS



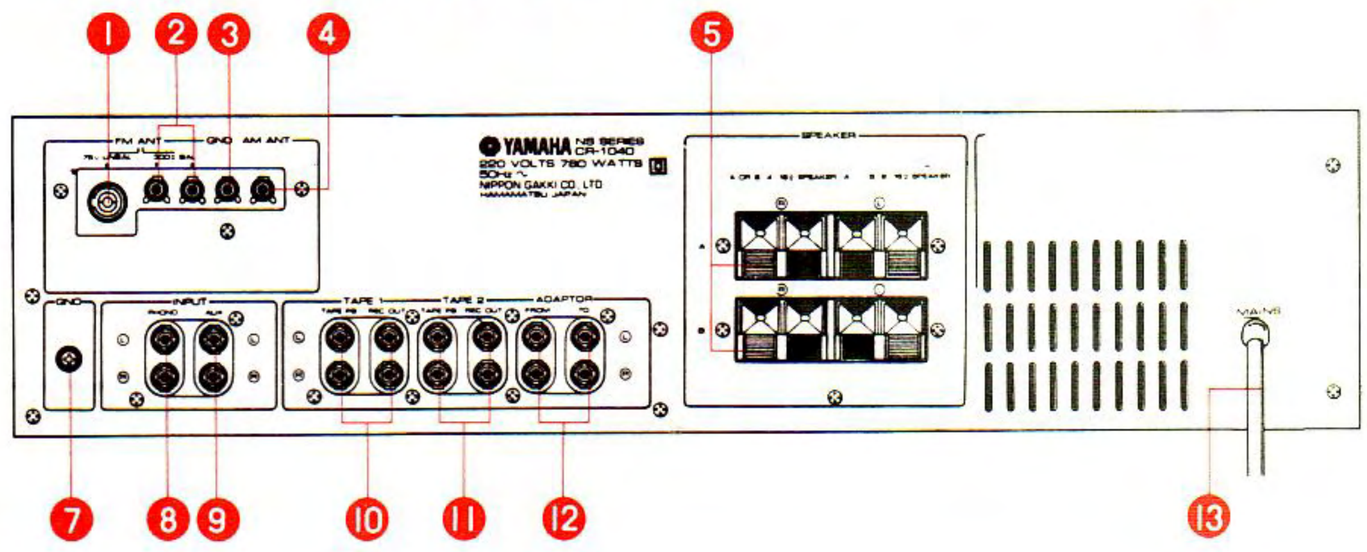
▼ GENERAL MODEL



▼ BRITISH & AUSTRALIAN MODELS



▼ NORTH EUROPEAN MODEL



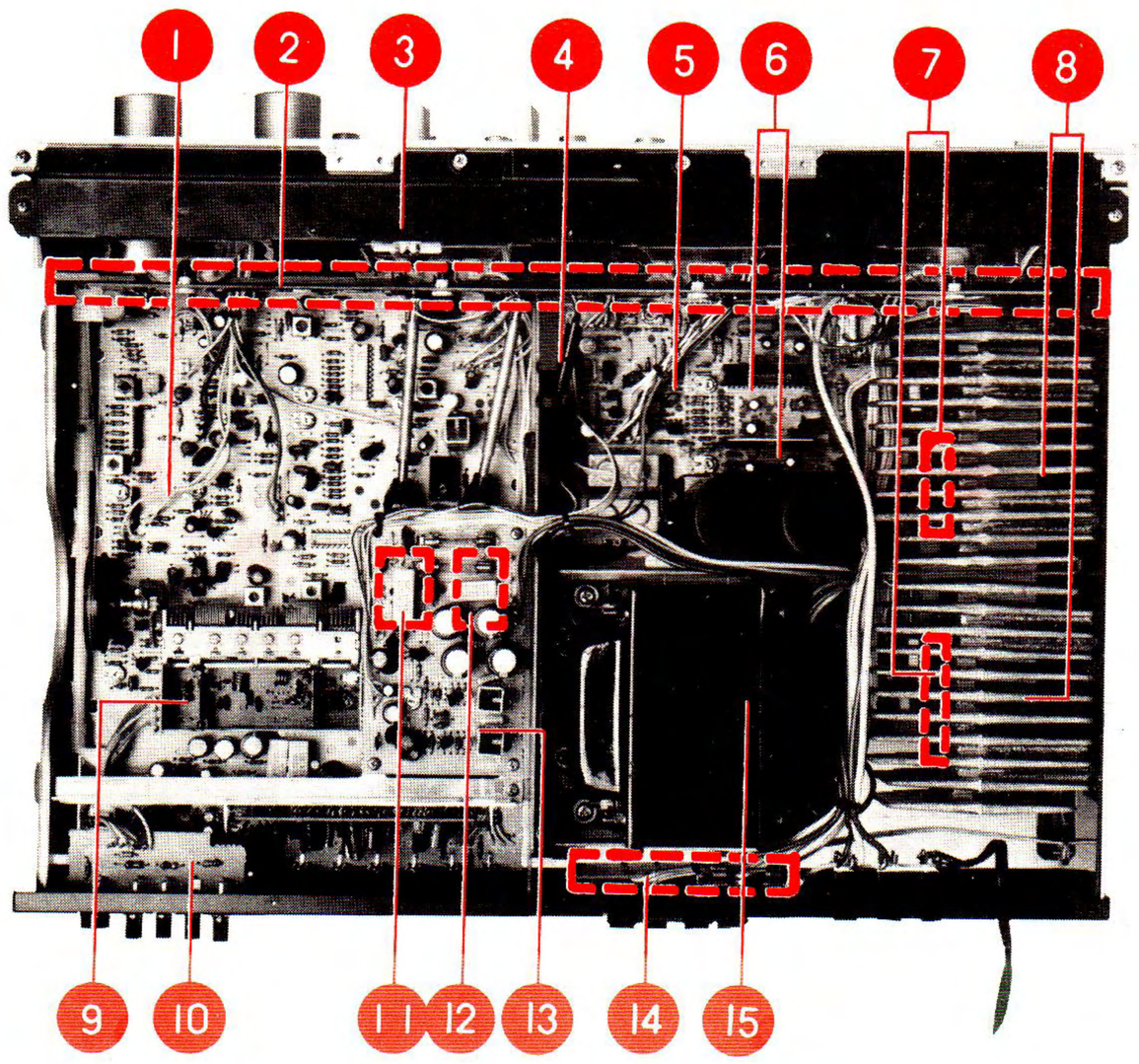
1. FM ANTENNA TERMINAL (75Ω)
2. FM ANTENNA TERMINAL (300Ω)
3. AM GROUND TERMINAL
4. AM ANTENNA TERMINAL
5. SPEAKERS TERMINAL
6. AC OUTLETS
7. GROUND TERMINAL
8. PHONO INPUT JACKS
9. AUX INPUT JACKS
10. TAPE 1 PB/REC JACKS
11. TAPE 2 PB/REC JACKS
12. ADAPTER FROM/TO JACKS
13. AC CORD
14. VOLTAGE SELECTOR

※ New Parts

	Ref No.	Part No.	Description	部品名	Markets	Remarks
※		42 00 00 Mi 06 84 60	Ribbon Wire UL4259 2P	リボンワイヤー		
※		42 00 00 Mi 06 87 50	– do. – 3P	〃		
※		42 00 00 Mi 06 88 10	– do. – 3P	〃		
		32 00 00 BA 06 96 20	Heat Sink	放熱板		
		42 00 00 EN 03 00 20	Bind Head Tapping Screw 3 x 8 ZMC2-Y	鉄バインドタッピングネジ2種		
※		32 00 00 AA 09 62 50	Switch Holder	SWホルダー		
		42 00 00 ED 03 00 60	Bind Head Screw 3 x 6 ZMC2-Y	鉄バインド小ネジ		
※		32 00 00 CB 08 96 80	2-L Holder	2-Lホルダー		
		42 00 00 CB 06 88 80	Plastic Rivet φ3.5 201-JD	プラスチックリベット		
※		32 00 00 AA 09 78 00	Metal Warp Prevention	そり止め金具		

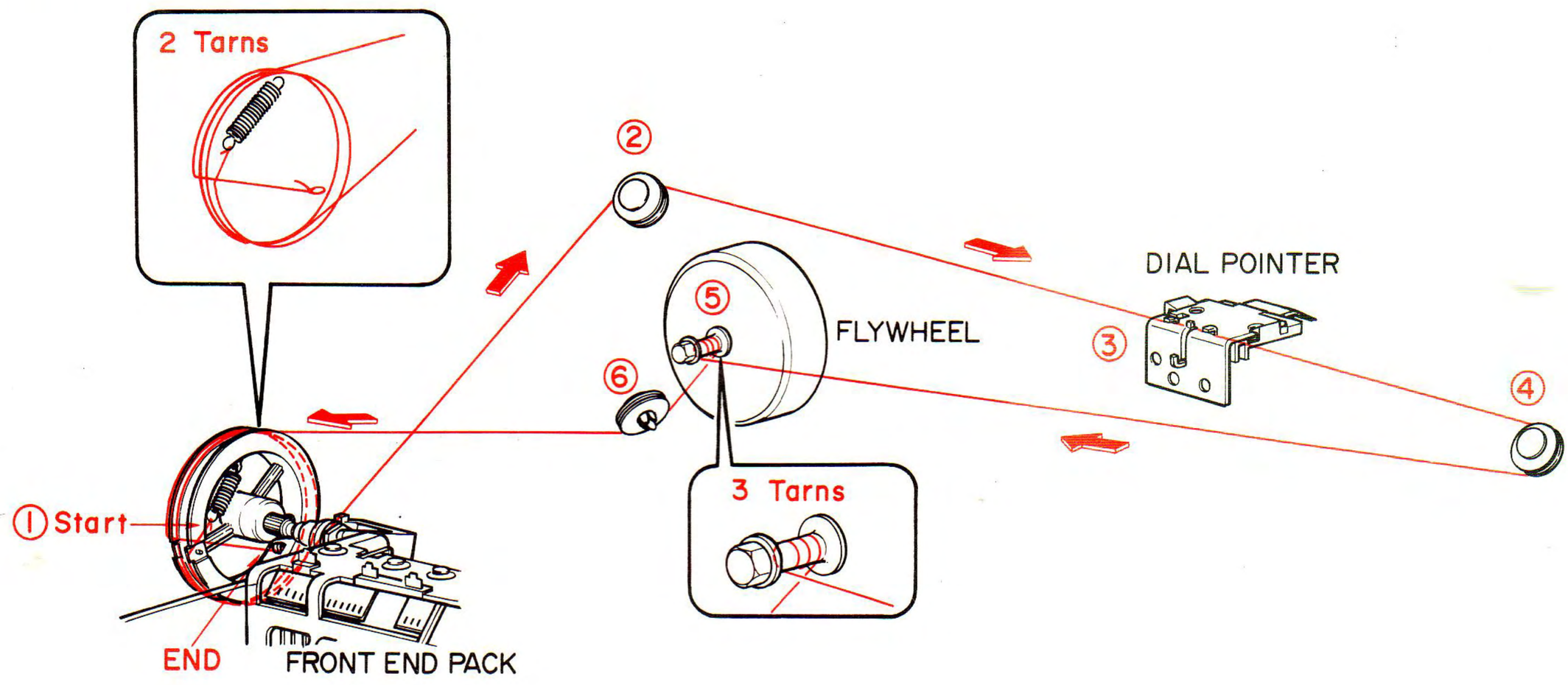
■INTERNAL VIEW

▼TOP VIEW

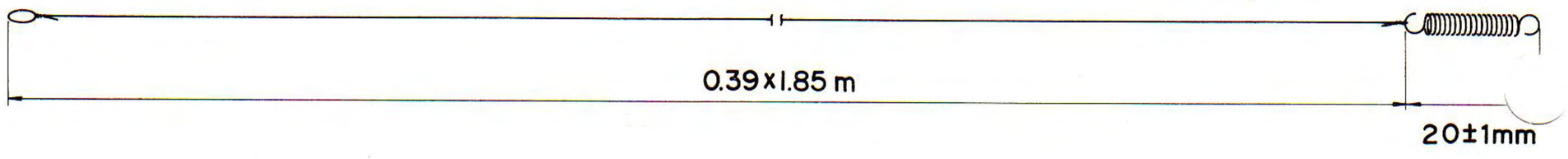


❶ TUNER CIRCUIT BOARD (1)
❷ LAMP CIRCUIT BOARD
❸ LENS HOLDER (DIAL LAMP)
❹ LEAD PIPE (DIAL POINTER LAMP)
❺ MAIN CIRCUIT BOARD (1)
❻ IC: IG2940
❼ IC: 02970
❽ HEAT SINK
❾ FRONT END PACK: PK101
❿ TUNER CIRCUIT BOARD (2): ANT
⓫ INPUT SELECTOR SWITCH: SW402
⓬ REC OUT SELECTOR SWITCH: SW401
⓭ MAIN CIRCUIT BOARD (3): FUSE
⓮ MAIN CIRCUIT BOARD (2): SPEAKER
⓯ POWER TRANSFORMER

■DIAL MECHANISM



DIAL CORD LENGTH



PARTIAL DISASSEMBLY

TOP COVER REMOVAL

Remove 4 screws

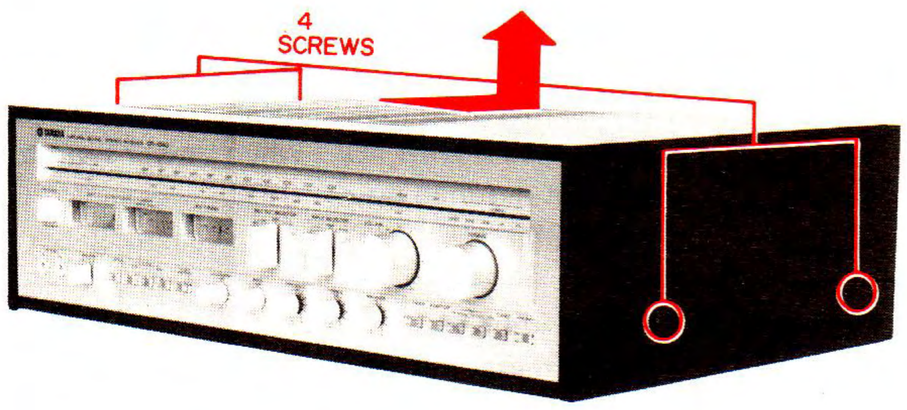


Photo 1

BOTTOM COVER REMOVAL

Remove screws ① to ⑬

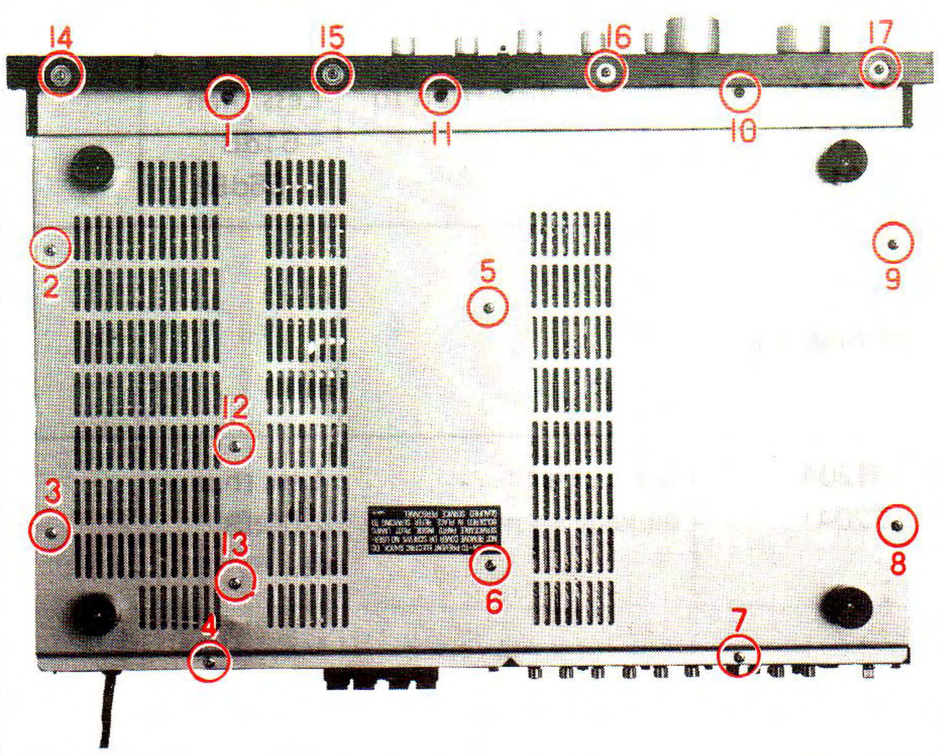


Photo 2

TUNER CIRCUIT BOARD 2 (ANTENNA TERMINAL) REMOVAL

Remove the screws ⑨ and ⑪ in photo 7 and then remove the tuner circuit board 2.

TUNER CIRCUIT BOARD 5 (VOLUME) REMOVAL

Remove the nut ⑧ in photo 6 and then remove tuner circuit board 5.

REAR PANEL REMOVAL

Remove the screws ① to ⑧ and ⑯ to ㉑ in photo 2 and the screws ④ and ⑦ in photo 2.

MAIN CIRCUIT BOARD (4) (SPEAKERS) REMOVAL

Remove the screws ⑫ to ⑮ in photo 7 and then remove the main circuit board 4.

FRONT PANEL REMOVAL

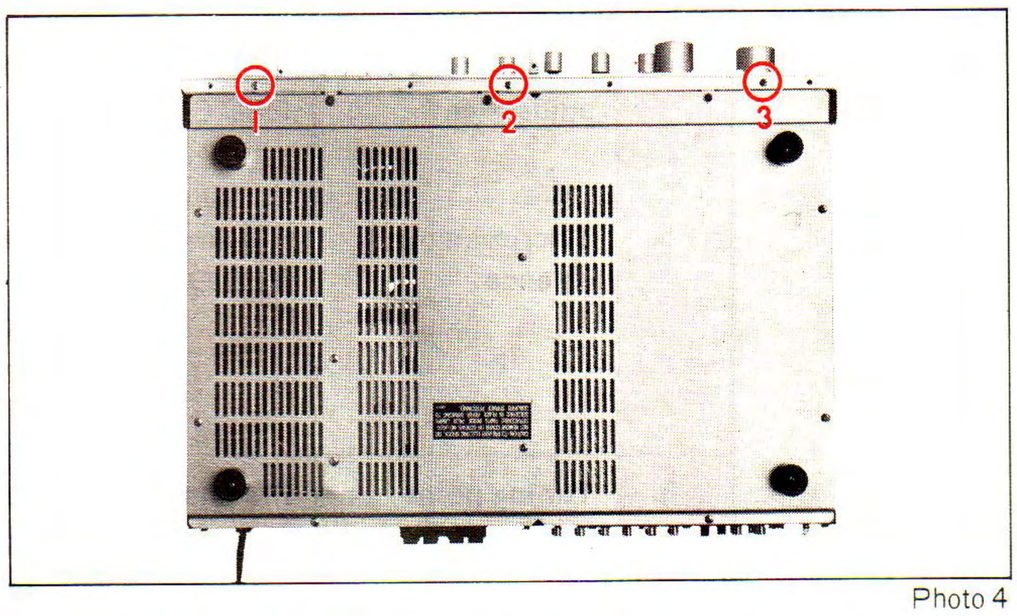
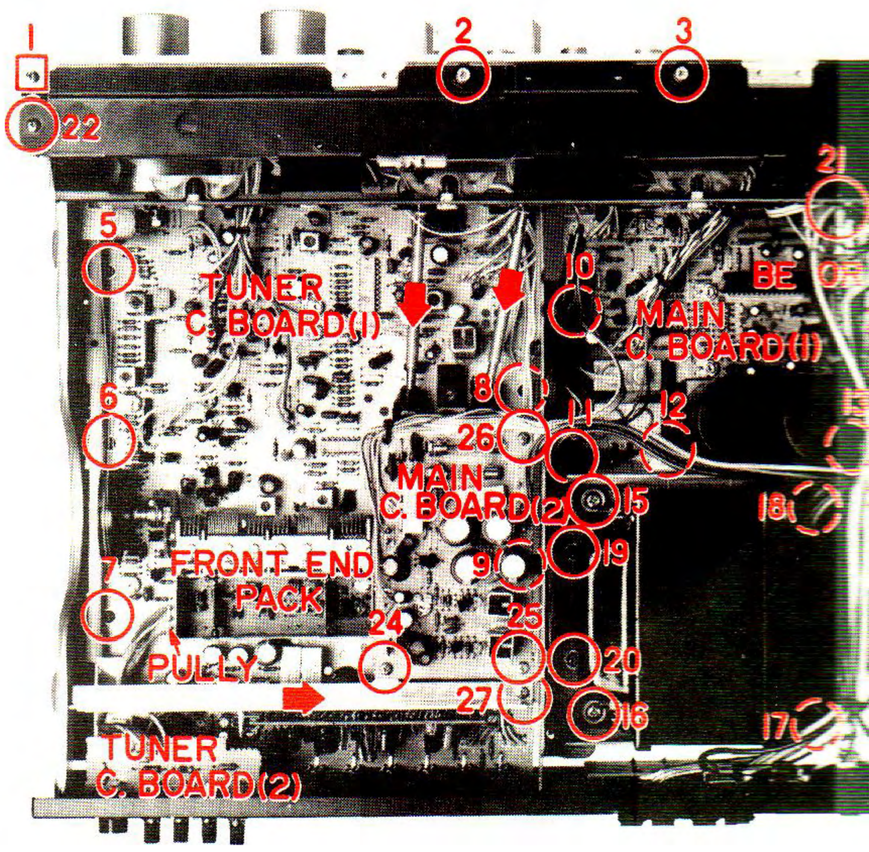


Photo 4

1. Pull out the VOLUME, BASS, TREBLE, PRESENCE, BALANCE and LOUDNESS knobs.
2. Pull out selector switches. Use a hexagonal wrench to loosen the screws inside parts of switches.
3. Remove set-screns in photo 3 with hexagonal wrench (over 60mm length) and remove tuning knob.
4. Remove the screws ⑭ to ⑰ in photo 2.
5. Remove the screws ① to ③ in photo 4.
6. Remove the screws ① to ④ in photo

TUNER CIRCUIT BOARD 1 REMOVAL





1. Remove the nuts ① to ④ and the screws ⑤ to ⑦ in photo 6.
2. Disconnect the joint as shown in photo 5.
3. Pull out the variable capacitor pulley from the variable capacitor shaft. You will find that if you wind adhesive tape or vinyl tape to secure the dial string to the pulley so that the string does not get tangled up in photo 11.
4. Detach the lead wires which are attached to the tuner printed circuit board 1 and remove the screws ⑤ ~ ⑨ . Remove the printed circuit board 1.
5. Remove the screws ㉗ in photo 5 and remove the stay.

TUNER CIRCUIT BOARD 4 (LED) AND MAIN CIRCUIT BOARD 5 REMOVAL

Hold the plastic rivet ⑱ to ⑳ gently with radio pliers and pull toward yourself and then remove tuner circuit board 4 and main circuit boards in photo 6.

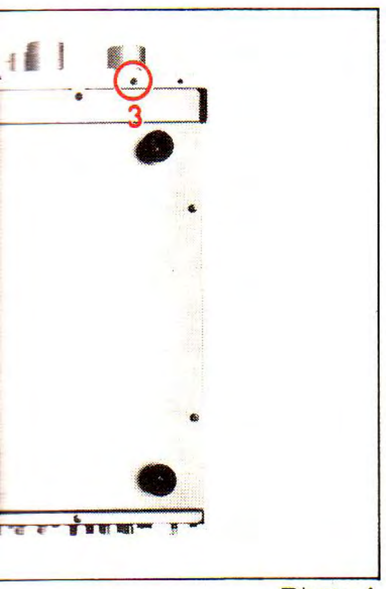


Photo 4

ve set-screns in photo 3 with a
onal wrench (over 60mm length),
emove tuning knob.
ve the screws ⑭ to ⑰ in photo 2.
ve the screws ① to ③ in photo 4.
ve the screws ① to ④ in photo 5

USE A HEXAGONAL

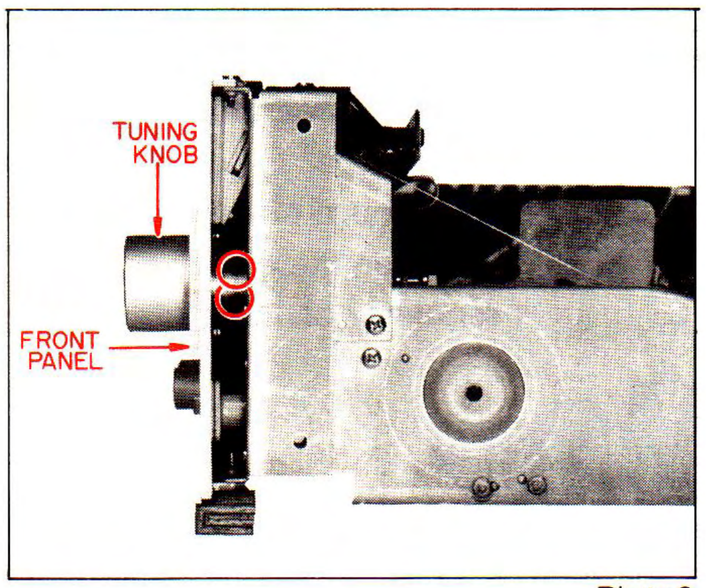


Photo 3

and pull out the front panel gently toward you. Disconnect the lead wires of the OUTPUT meter and FM TUNING meter as shown in photo 9.

MAIN CIRCUIT BOARD (2) REMOVAL

1. Remove the screws ㉔ to ㉖ in photo 5 then remove circuit board 2.

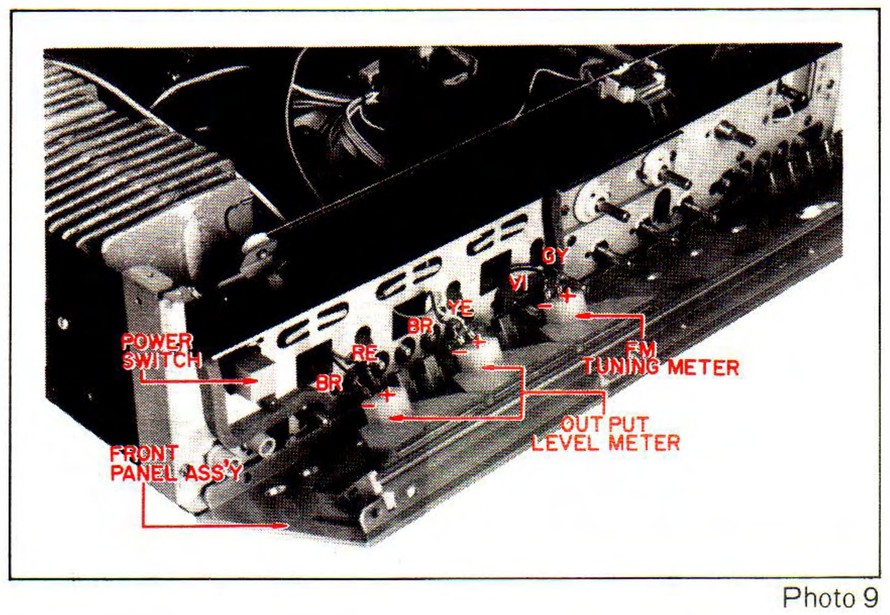


Photo 9

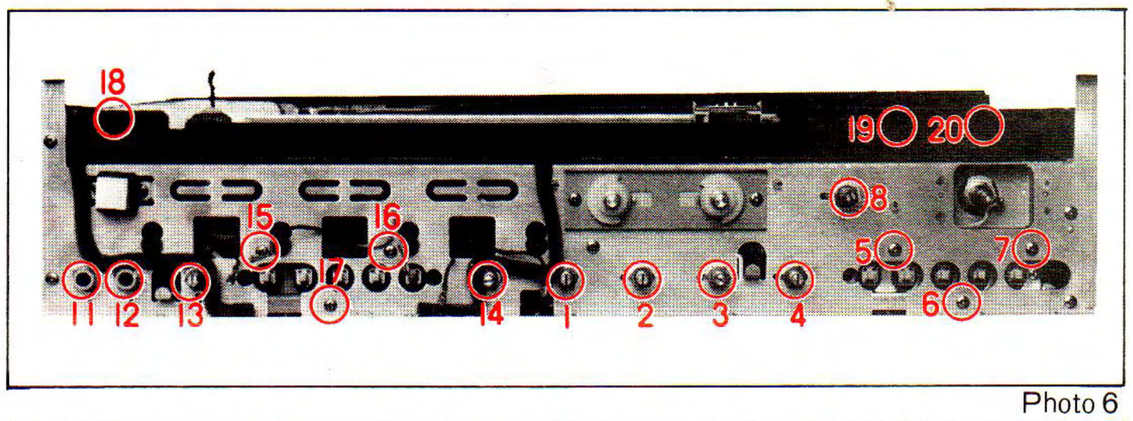


Photo 6

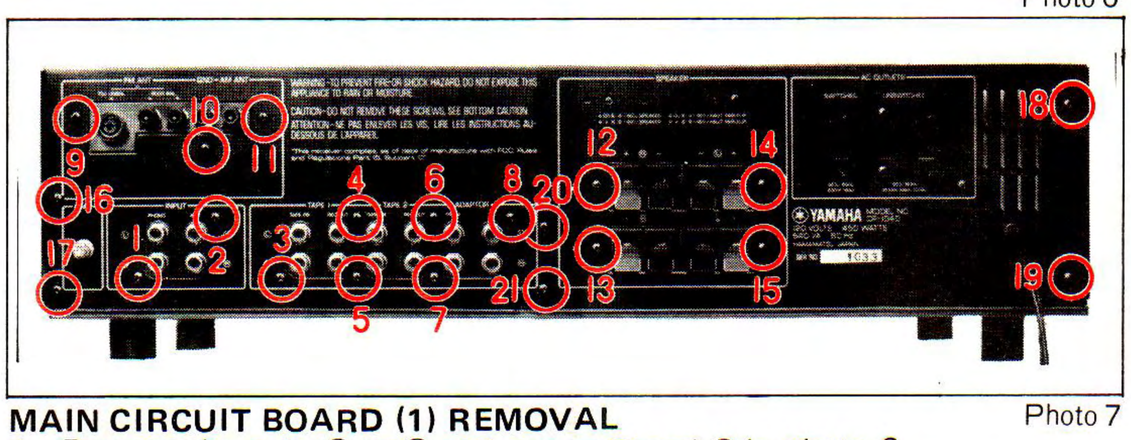


Photo 7

MAIN CIRCUIT BOARD (1) REMOVAL

1. Remove the nuts ⑪ to ⑭ and screws ⑮ and ⑰ in photo 6.
2. Remove the screws ⑮ to ⑰ and remove the power transformer.
3. Remove the screws ㉘ to ㉛ in photo 5 and the screws ① to ④ in photo 8, then remove the heat sink.
4. Remove the screws ⑫ to ⑭, ⑲ and ⑳.
5. Remove the screws ⑤ and ⑥ in photo 8, then remove the power transformer holder.
6. Remove the screws ⑩ and ⑪ in photo 5, then remove the MAIN CIRCUIT BOARD 1.

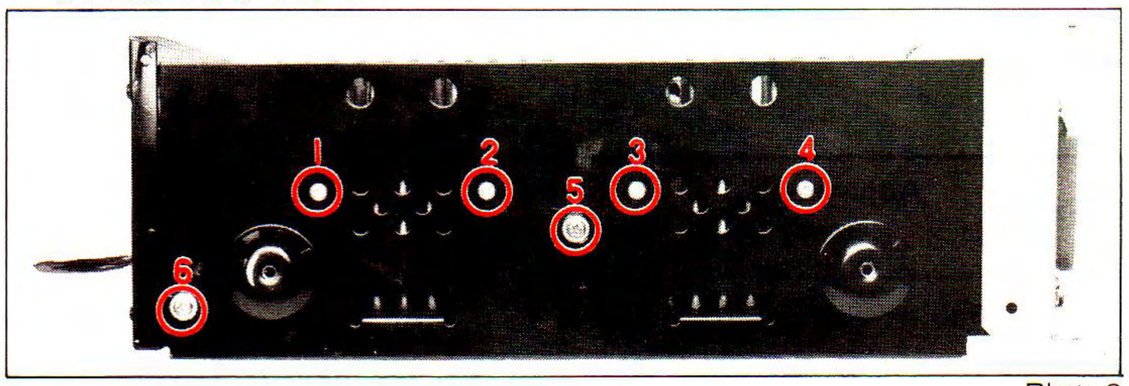


Photo 8

LAMP CIRCUIT BOARD REMOVAL

1. Detach the lead wires which are attached to the terminal ㉑ in photo 5.
2. Remove the screws ㉒ and ㉓ in photo 5 and then remove the lamp circuit board and lens-holder.
3. Remove the plastic rivets ① to ④ in photo 10 and then the lamp circuit board is separated from the lens-holder.

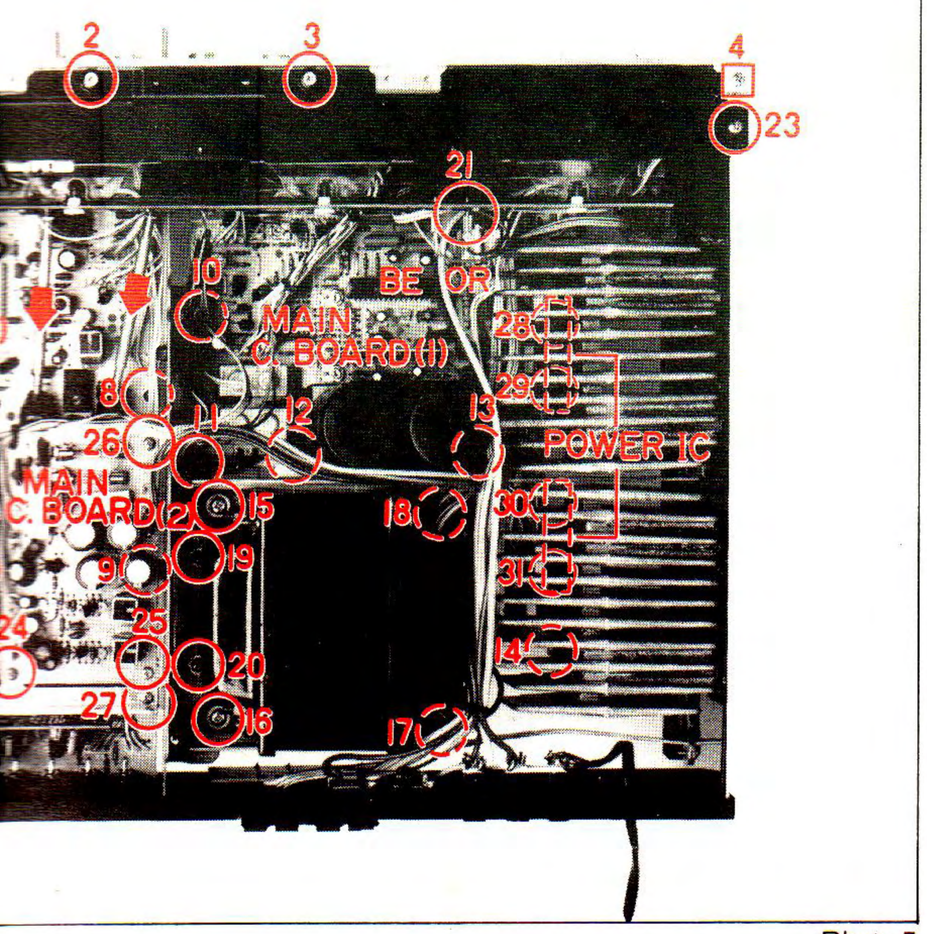


Photo 5

s ⑤ to ⑦ in photo 6.
5.
ey from the variable
ou wind adhesive tape
the pulley so that the
11.
ed to the tuner printed
⑤ ~ ⑨. Remove the

emove the stay.

AND MAIN CIRCUIT

h radio pliers and pull
rcuit board 4 and main

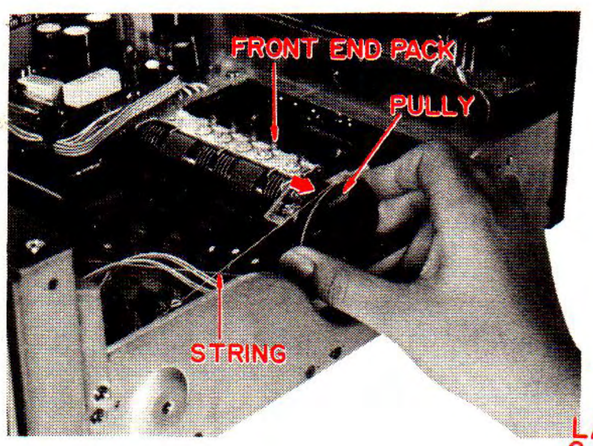


Photo 11

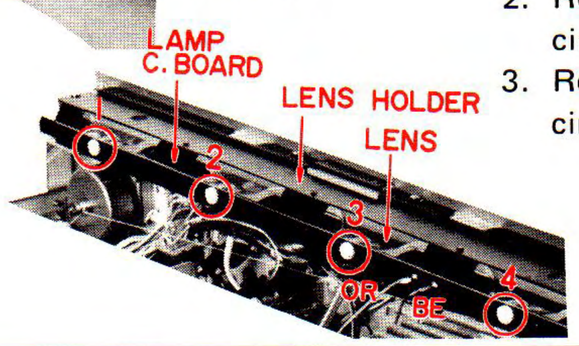
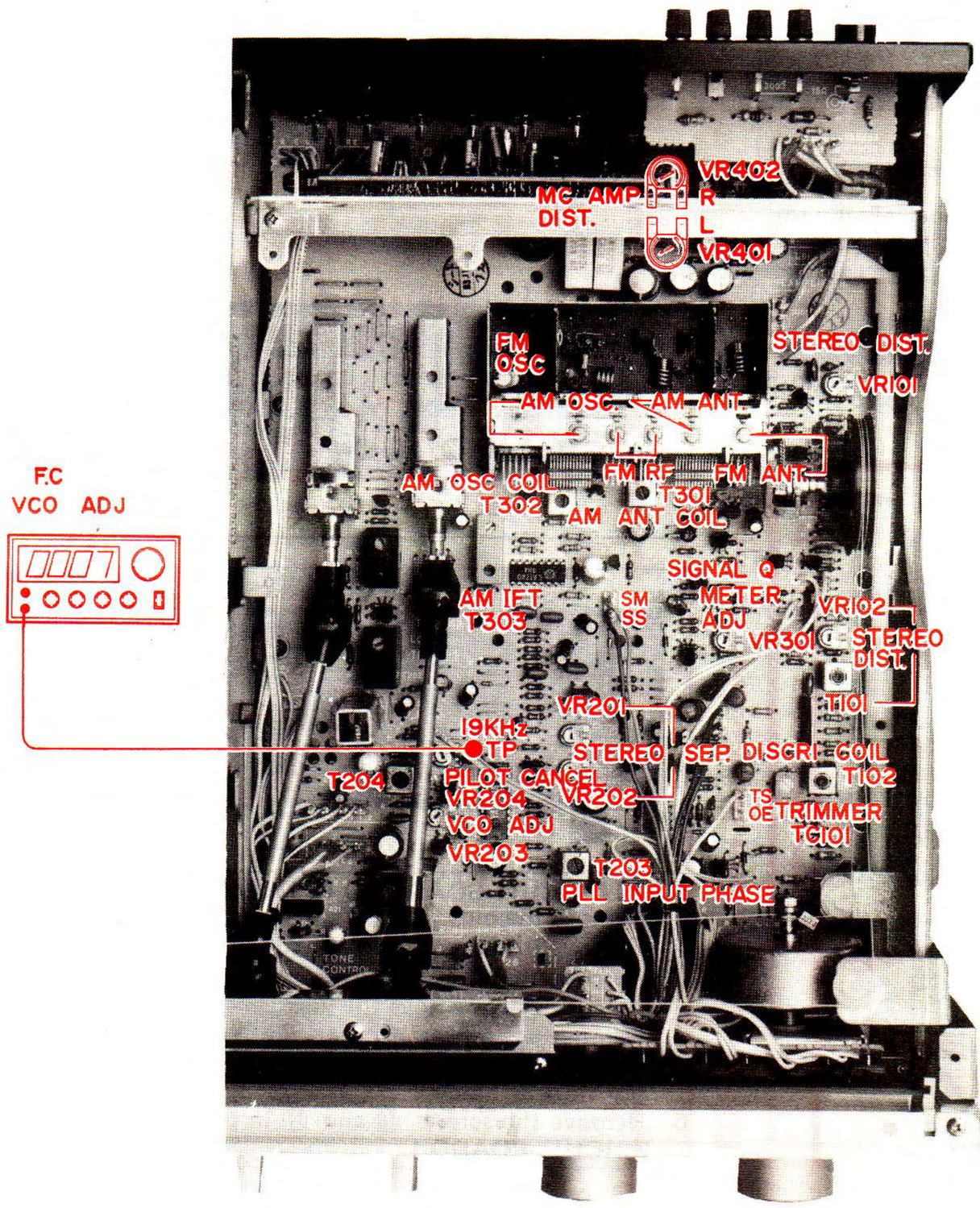


Photo 10

■MEASUREMENT AND ADJUSTMENT

1. FM tuner overall adjustment

1. Set the switches to the following positions.
   METER SIGNAL Q
   IF Mode LOCAL
   FM MUTING/OTS OFF
2. When adjusting the steps except step 7, use a low pass filter of 15kHz.
3. Abbreviation of instruments.
   FM SG : FM signal generator
   OSC : Oscilloscope
   D.M : Digital multi meter
   DIST.M. : Distortion meter
   F.C : Frequency counter



Step	Adjustment item	Terminals to be connected	Instrument required	Adjustment location	Adjustment method	Rating or standard	Remarks
1.	Pointer alignment			Tuning knob pointer	Rotate the tuning knob and align pointer with the starting point of the dial scale.	±1mm	
2.	Tracking adjustment I	FM antenna terminals	FM SG 104MHz	Tuning knob local oscillator trimmer	Rotate tuning knob and align pointer with 104MHz on dial scale. Rotate trimmer and set to center of tuning meter.	Less than ±1mm	See Fig. 3

3.	Tracking adjustment II	FM antenna terminals	FM SG	Local oscillator trimmer	Adjust deviation all over the frequency range.	Less than ± 2mm (92 ~ 104 MHz)	Adjust only when pointer deviates with step 2.
4.	Sensitivity adjustment	FM antenna REC OUT 1	Mono 1kHz 100%OSC, D.M., DIST, M 98MHz	ANT trimmer RE trimmer (PACK)	Set for a maximum sensitivity.		
5.	Discriminator balance	FM antenna REC OUT 1	Mono 1kHz 100% OSC, D.M., DIST, M 98MHz	T102 discriminator coil	Move core until tuning meter pointer deflects to 0 with noise at detuned point near 98MHz.	Check that meter pointer mechanically points to 0 when power switch is set OFF.	
6.	Tuning point setting	FM antenna terminals	Antenna input 60dBμ	Tuning knob	Adjust knob until tuning meter pointer points to center.		See Fig. 2
7.	Monaural distortion adjustment	FM antenna terminals	Antenna input 60dBμ	TC101 trimmer	Reduce distortion to minimum	Less than −63dB (−66dB)	
8.	VCO adjustment	FM antenna terminals 19kHz TP terminal	Unmodulated F.C.	VR203	Set to 19kHz	± 20Hz (± 5Hz)	
9.	PLL input phase adjustment	FM antenna REC OUT 1	L-R 100% modulation	T-203	Set Output level to maximum		
10.	Stereo distortion adjustment	FM antenna REC OUT 1	L 100% modulation	VR101 VR102 T101	Reduce distortion to minimum.	Less than −61dB (−66dB)	
11.	Tracking, discriminator balance adjustment	FM antenna REC OUT 1	See Step 2 and 5				
12.	Pilot canceling adjustment	FM antenna REC OUT 1	Pilot 9% modulation only	VR204 (T204)	Set carrier leakage to minimum	Less than −60dB (L, R)	
13.	Separation adjustment	FM antenna REC OUT 1	L, R, 1kHz 100% modulation	VR201 (L → R) VR202 (R → L)	Set for a maximum separation	More than 50dB (55dB)	
14.	Signal meter full scale adjustment	FM antenna REC OUT 1	60dBμ non modulation	VR103	Adjust so that pointer is within rated range.	70 ~ 80 (75)	



White marked point

As to the set which has MPX IC with the mark as shown in the figure, eliminate R222 (22KΩ resistor) before adjusting.

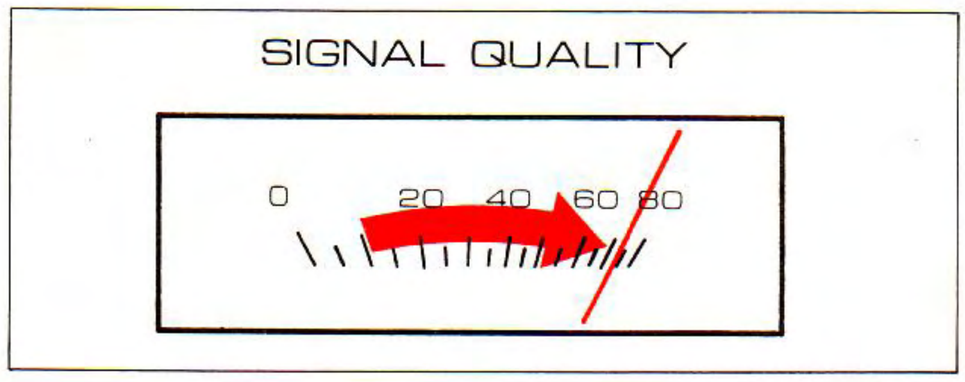


Fig. 1

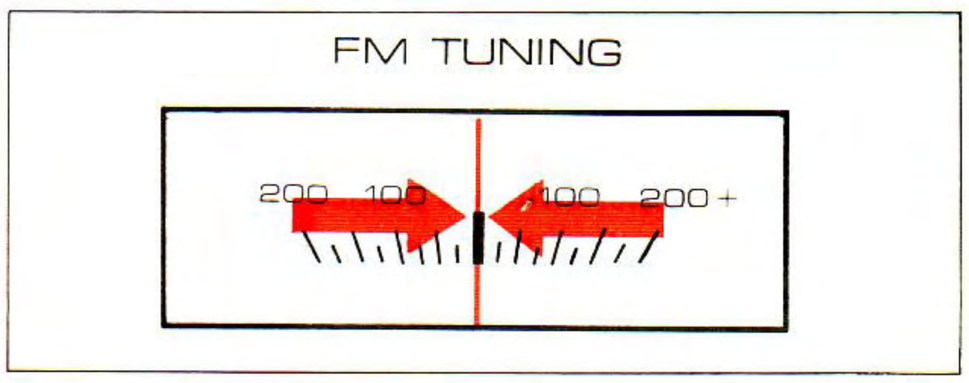


Fig. 2

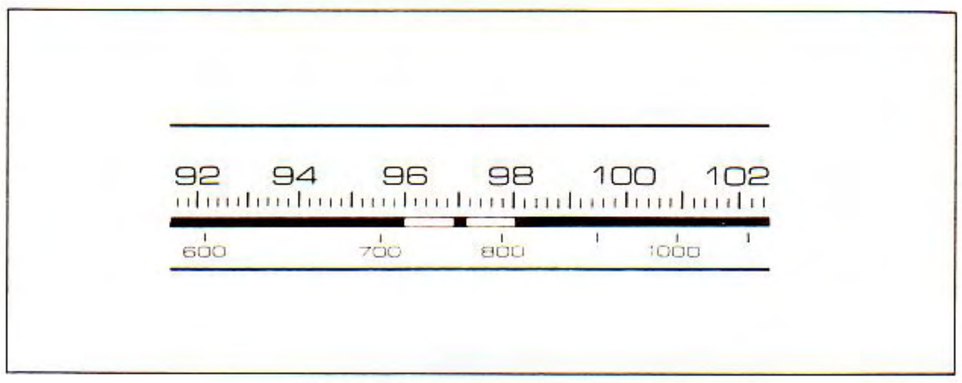
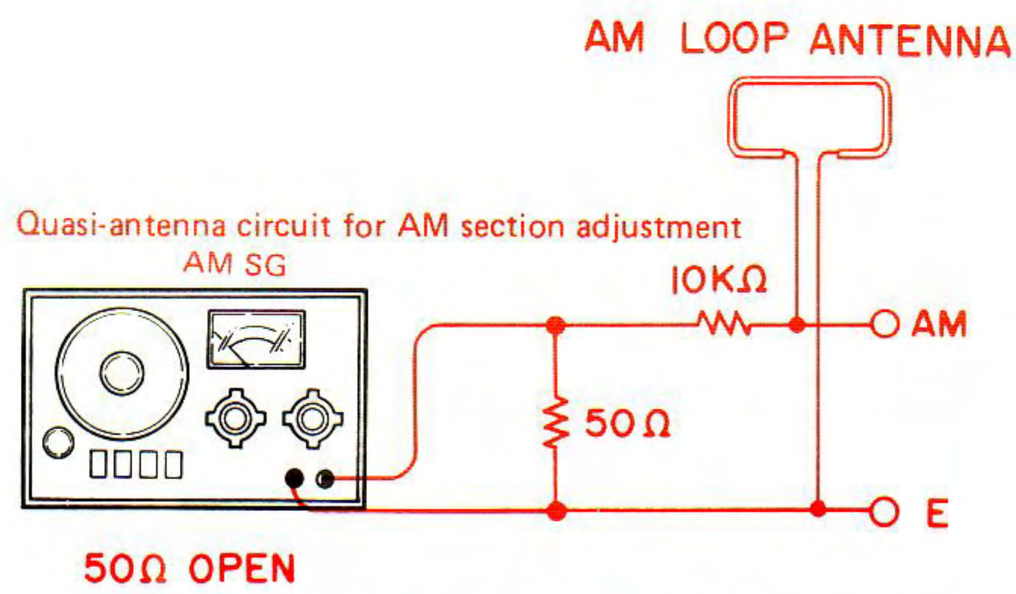


Fig. 3

2. AM tuner tracking adjustment

1. Set the switch to the following position.
   Tuner → AM
2. Proceed with the AM section adjustments after having finished the FM section adjustments.
3. Connect the loop antenna to the AM ANT and GND terminals.
4. Do not use the combination bar.



Output level shows the 50Ω load terminal.

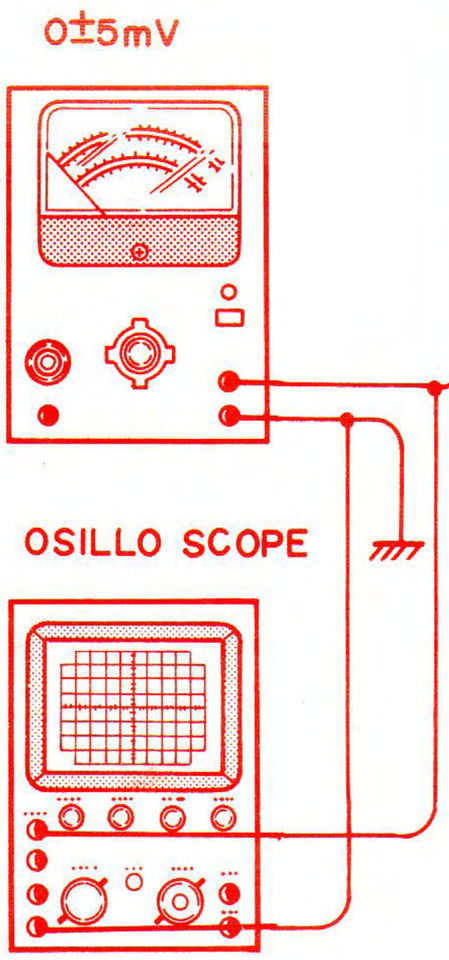
Step	Adjustment item	Terminals to be connected	Instrument required	Adjustment location	Adjustment method	Rating or standard
1.	Local oscillator coil adjustment	Output L or R	AM signal generator 600kHz, 60dBμ	Tuning knob T302 (GE 6013)	Align pointer with 600kHz using tuning knob, rotate coil core and adjust for a maximum signal quality meter deflection.	
2.	Low-frequency range sensitivity adjustment	Same as step 1	AM signal generator 600kHz, 60dBμ	T301 (GE 10023)	Adjust for a maximum signal meter pointer deflection at same tuning point as under step 1.	
3.	Local oscillator trimmer adjust-ment	Same as step 1	AM signal generator 1350kHz, 60dBμ	Tuning knob front end local oscil-lator trimmer	Align pointer with 1350kHz using tuning knob, rotate trimmer and set for a maximum signal meter pointer deflection.	
4.	High-frequency range sensitivity adjustment	Same as step 1	Same as step 3	Front end AM ANT trimmer	Adjust for a maximum signal quality meter pointer deflection at step 3 tuning point.	
5.	Sensitivity defference adjust-ment	Same as step 1	AM signal generator 600kHz, 1350kHz	Repeat steps 1 to 4		Scale devia-tion: less than ±1.5mm for 600kHz, 1350kHz
6.	Medium frequency range check	Same as step 1	AM signal generator 950kHz	Tuning knob	Set for maximum signal quality meter pointer deflection	Scale devia-tion less than ±2mm

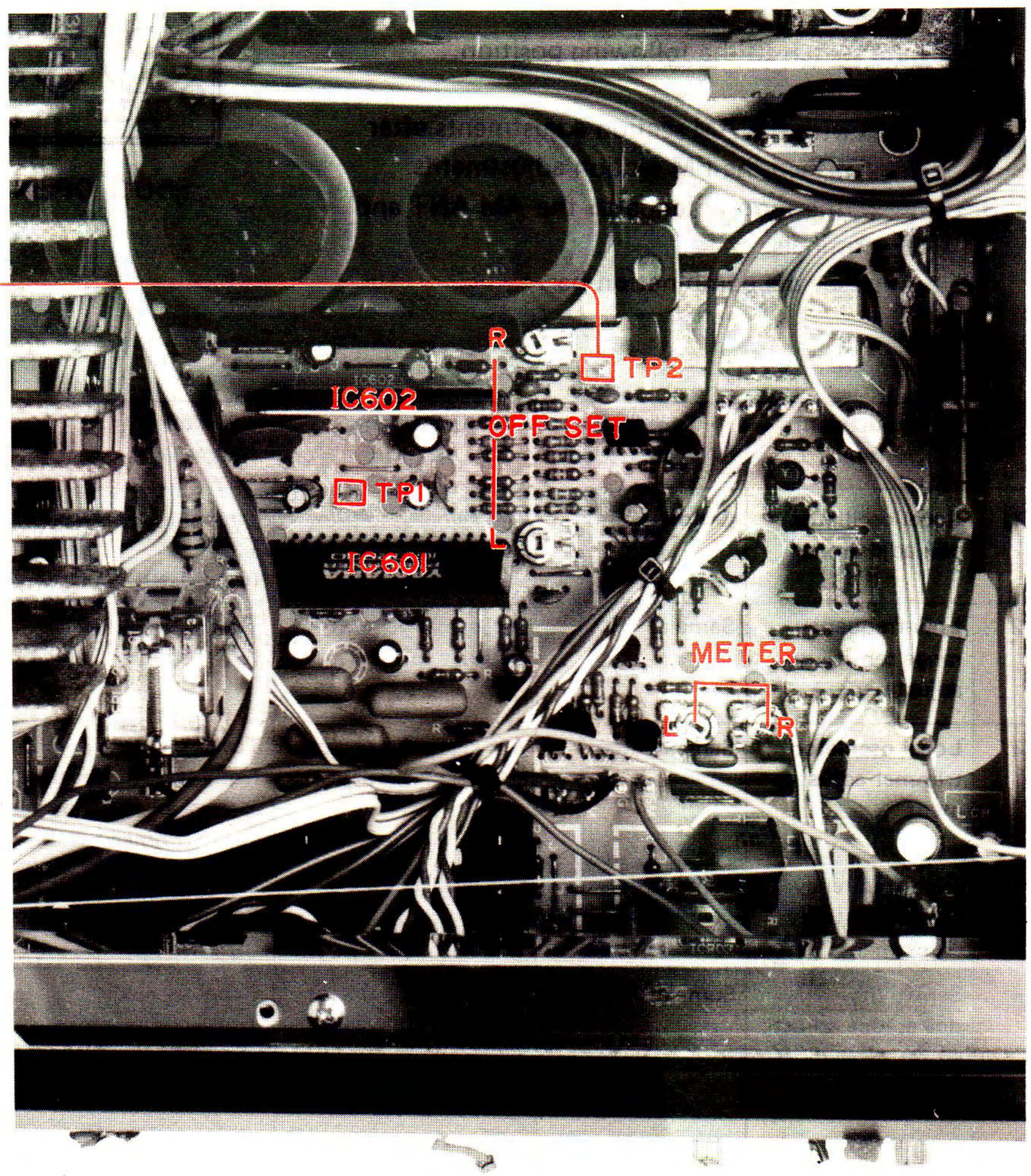
3. Audio section adjustment

Before measurement

1. After the power switch is pushed on, wait I minute before measuring, to be sure of the most stable operation.
2. Connect dummy load resistance (8Ω) to the speaker terminals.

Step	Adjustment item	Adjustment	Instruments	Terminals/ test points	Rating or standard
1.	DC offset voltage	VR 603 (Lch) VR 604 (Rch)	Digital multi meter	Main C. Board TP1. E TP2. E	0 ± 5 mV
2.	Power meter adjustment	VR 801 (L) VR 802 (R)	D.M.	SP OUT	8Ω Load 10W (1 kHz) Adjust VR so that power meter points 10W.





SPECIFICATION

● AUDIO SECTION		
Minimum RMS Output Power per Channel		
80 Watts (4 ohms) from 20 to 20,000 Hz at no more than 0.02% Total Harmonic Distortion.		
80 Watts (8 ohms) from 20 to 20,000 Hz at no more than 0.02% Total Harmonic Distortion.		
Continuous RMS Power		100 Watts (4 Ω)
(both channels driven, 1 kHz)		85 Watts (8 Ω)
Input Sensitivity/Impedance		
Phono	MC	100 μV/50 Ω
	MM	2.5 mV/40 kΩ
Maximum Input Levels		
Phono	MC	11 mV
	MM	270 mV at 1 kHz
Output Level/Impedance		
Rec Out terminals (Phono)		120 mV/220 Ω (rated)
Frequency Response		
Phono RIAA deviation (MM, MC)		± 0.2 dB
Aux, Tape 1, 2 to SP Out		20 Hz to 20 kHz ± 0.2 dB
Tone Control Characteristics		
Bass turnover frequency		350 Hz
Bass boost/cut		± 10 dB at 50 Hz
Presence center frequency		3 kHz
Presence boost/cut		± 6 dB
Treble turnover frequency		3.5 kHz
Treble boost/cut		± 10 dB at 20 kHz
Filters and Loudness Control Characteristics		
Low		25 Hz (12 dB/octave)
High		6 kHz (6 dB/octave), 10 kHz (6 dB/oct)
Loudness control		Level-related equalization
Signal-to-Noise Ratio (IHF-A Network)		
Phono	MC	86 dB
	MM	95 dB (INPUT shorted)
Aux, Tape 1, 2		100 dB
Residual noise		0.19 mV
Distortion 20 Hz to 20 kHz		
Phono to Rec Out	MC	0.05% 3V
	MM	0.01% 3V
Aux, Tape to Sp Out (8 Ω)		0.01% at 40 W
Noise-Distortion Clearance Range (NDCR) for 0.1% into 8 Ω at 1 kHz		
Phono	MC	100 mW to 80 watts with Vol −20 dB
	MM	20 mW to 80 watts with Vol −20 dB
Power Bandwidth (IHF)		10 Hz to 40 kHz
Damping Factor (at 1 kHz)		Better than 40 into 8 Ω
● FM SECTION		
Tuning Range		87.6 to 108 MHz
Usable Sensitivity		
300 Ω		9.3 dBf/1.6 μV
75 Ω		9.3 dBf/0.8 μV
50 dB Quieting Sensitivity		
Mono		15.3 dBf (3.2 μV)
Stereo		36.1 dBf (35 μV)
Image Response Ratio (98 MHz)		80 dB
IF Response Ratio (98 MHz)		100 dB
Spurious Response Ratio (98 MHz)		100 dB
AM Suppression Ratio (IHF)		60 dB
Capture Ratio		1.5 dB
Alternate Channel Selectivity		DX 82 dB (IHF) LOCAL 48 dB (IHF)
Signal-to-Noise Ratio (at 65 dBf)		
Mono		90 dB (1 HF)
Stereo		84 dB (1 HF)
Distortion (AT 65 dBf)		
Mono 100 Hz		0.07%
1 kHz		0.07%
6 kHz		0.1%
Stereo 100 Hz		0.09%
1 kHz		0.09%
6 kHz		0.15%
Intermodulation Distortion (IHF)		
Mono		0.05%
Stereo		0.07%
Subcarrier Product Ratio		70 dB
Stereo Separation		
50 Hz		50 dB
1 kHz		50 dB
10 kHz		45 dB
Blend		10 dB
Frequency Response		
50 Hz to 10 kHz		± 0.4 dB
30 Hz to 15 kHz		+ 0.4 −1.0 dB
Muting Threshold		19.2 dBf (5 μV)
Auto DX Sensitivity		36.1 dBf (35 μV) or at 50 dB S/N
● AM SECTION		
Tuning Range		525 to 1,605 kHz
Usable Sensitivity (IHF)		15 μV
Selectivity (1,000 kHz)		30 dB
Signal-to-Noise Ratio		50 dB (at 80 dB/m)
Image Response Ratio (1,000 kHz)		35 dB
IF Response Ratio (1,000 kHz)		40 dB
Spurious Response Ratio (1,000 kHz)		60 dB
Total Harmonic Distortion		0.4%
Tuner Section Output Level/Impedance		
FM (100% mod. at Rec Out)		450 mV/3.9 kΩ
AM (30% mod. at Rec Out)		150 mV/3.9 kΩ
Semiconductors		53 Transistors, 14 ICs, 4 FET, 18 Diodes, 6 Zener Diodes, 8 LEDs
● GENERAL		
Power Supplies		Australian model AC 240V, 50 Hz North European model AC 220V, 50 Hz British and Australian models AC 240V, 50 Hz General models AC 110/120/220/240V, 50 Hz 60Hz U.S.A. & Canadian models AC 120V, 60 Hz
Power Consumption		North European, British and Australian models, 780W General model, 450W, U.S.A. model 450W (Canadian 640 VA)
Dimensions (W x H x D)		North European, British, Australian and General models 520 x 151 x 386 (20-1/2" x 6" x 15-1/4") U.S.A. & Canadian models 540 x 167 x 386 mm (21-1/4" x 6-9/16 x 15-1/4")
Weight		North European, British, Australian and General models 16.5 kg (36 lb 4 oz), U.S.A. & Canadian models, 17.3 kg (38 lbs 2 oz)

(Specifications and design are subject to change without notice since policy of this company is one of continuous improvement.)