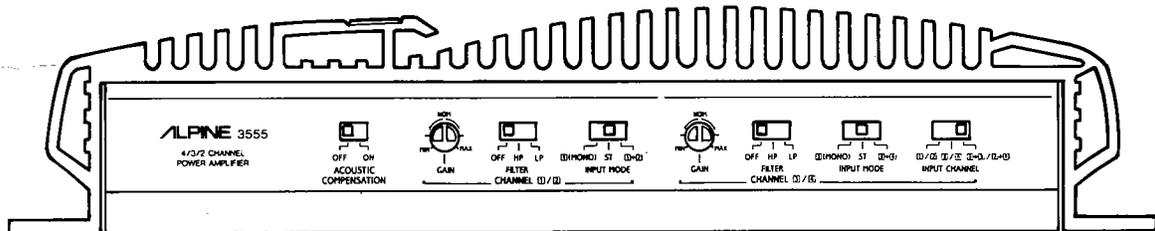


164

ALPINE

SERVICE MANUAL

4/3/2 Channel Power Amplifier



3555

Contents

Specifications	2
Features	3
Switches and Terminals	4 to 5
Connections	5 to 6
Switch Settings	7 to 9
Characteristic Curves	9
Disassembly Instructions	10
Block Diagram	11 to 12
Parts Layout on P.C.Boards and Wiring Diagram	14 to 16
Schematic Diagram (1/2)	17 to 20
Schematic Diagram (2/2)	21 to 24
Electrical Parts List	25 to 28
Packing Assembly Parts List	29
Packing Method View	29
Cabinet Assembly Parts List	30
Exploded View (Cabinet)	31 to 32
Semi-Conductor Lead Identifications	33 to 34

Additional Schematic Diagram Inserted.

Specifications

Power Source	14.4V DC (11~16V)
Current Drain (No Signal)	3A
Power Output (20Hz~20kHz)	0.08% T.H.D. Load 4ohm x 4 : 45W 0.8% T.H.D. Load 2ohm x 4 : 65W 0.8% T.H.D. Load 4ohm x 2 at BTL : 130W
Input Sensitivity (at 50W output)	0.1~2V ± 2dB
Input Impedance	20 ± 2kohm
Frequency Response (at - 1dB)	20Hz~40kHz
S/N Ratio	100dB
Residual Noise	0.14mA
Semiconductors	IC's 17, Transistors 51, Diodes 17, Zener Diodes 5
Dimensions (W x H x D)	285 x 55 x 300mm
Weight	4kg

Note : Due to continuing product improvement, specifications and design are subject to change without notice.

SWITCH SETTINGS

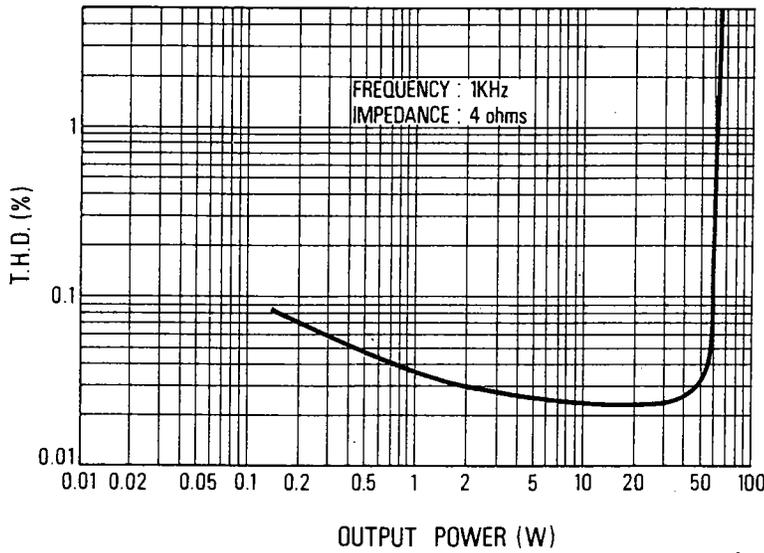
Acoustic Compensation Selector Switch

- a) Turn this switch on to compensate for the loss of low bass and to reduce midbass boominess.
- b) Listen to the system with the switch in both the ON and OFF positions. Since the response of the system can vary depending on vehicle type, interior size, and other characteristics of the listening area, choose the position that provides the best sound reproduction.

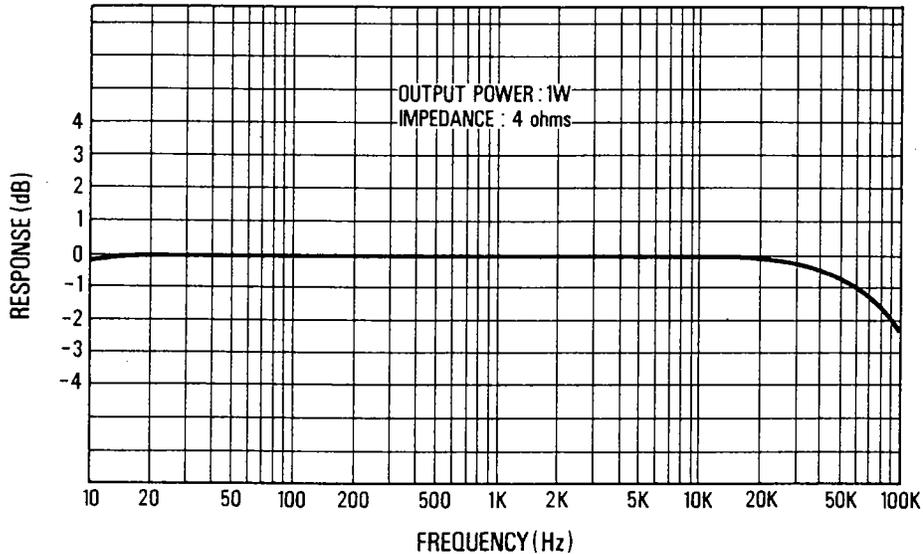


CHARACTERISTIC CURVES

POWER VS. DISTORTION CURVE



FREQUENCY RESPONSE CURVE



Disassembly Instructions

1. Removal of AMP P.C.Board

- (1) After removal of Bottom Cover, remove thirty-three screws marked "●", and remove Solder A and a screw marked "□" as shown in Figure 1.
- (2) AMP P.C.Board with Rear Chassis and Power P.C.Board, Output P.C.Board, RCA P.C.Board can be removed completely.
- (3) After removal of two pieces of Fuse, remove nine screws marked "■" and four Hooks as shown in Figure 2 and 3.
- (4) After removal of Rear Chassis, remove Solder B as shown in Figure 2.
- (5) AMP P.C.Board with Power P.C.Board and Output P.C.Board, RCA P.C.Board can be removed completely.

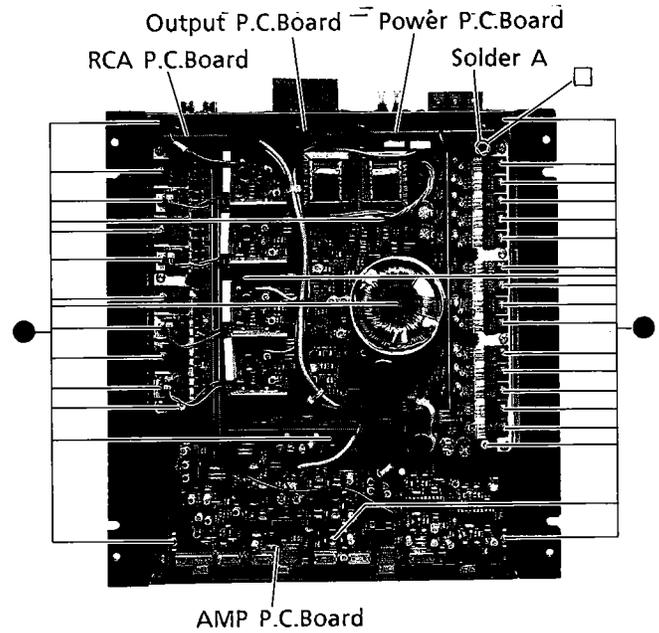


Figure 1

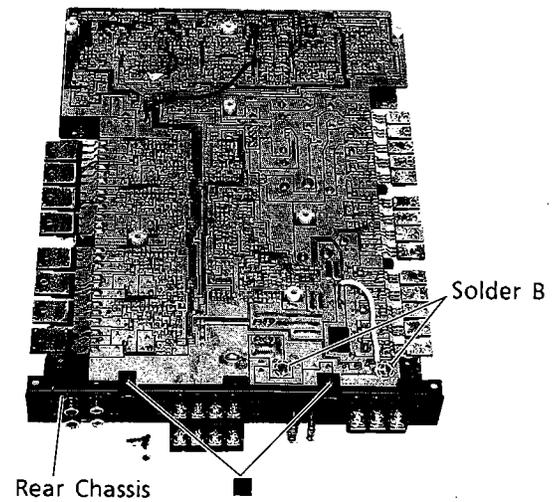


Figure 2

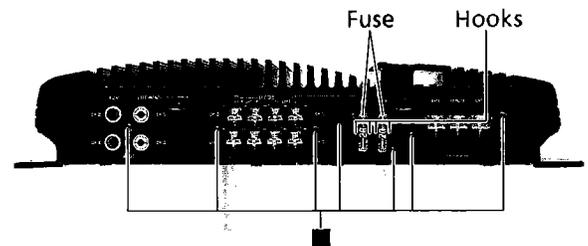


Figure 3

Electrical Parts List

Resistor : Carbon resistors under 1/4 watts are not mentioned in the parts list, please confirm them by schematic diagram.

Capacitor : μ F = microfarads, pF = picofarads

Abbreviations			Symbol No.	Part No.	Description
RES. = Resistor	CAP. = Capacitor		Q404	48E06364S04	2SA1672
C.F. = Carbon Film	ELY. = Electrolytic		Q501	48S44578J02	2SC945L
M.F. = Metal Film	CER. = Ceramic		Q502	48E09189S02	DTC114ES
M.O. = Metal Oxide Film	MYL. = Mylar		Q503	48E09189S02	DTC114ES
M.P. = Metal Plate	TAN. = Tantalum		Q504	48E09189S01	DTA114ES
TR. = Transistor	POLY. = Polystyrol		Q505	48T40081T02	2SA733
TRANS. = Transformer	PP. = Polypropylene		Q506	48E08748S01	DTC144ES
CP. = Chip	PLT. = Polyethylene		Q507	48E08748S02	DTA144ES
	PF. = Polyester Film		Q508	48S44578J02	2SC945L
			Q551	48E09189S02	DTC114ES
Symbol No.	Part No.	Description	Q552	48T70761F01	2SA1358
AMP P. C. Board			Q553	48S44578J02	2SC945L
IC's			Q554	48T40081T02	2SA733
IC101	51T25576W02	NJM4580L	Q555	48S44578J02	2SC945L
IC102	51E06841S01	μ PC1270H	Q556	48T40081T02	2SA733
IC201	51T25576W02	NJM4580L	Q557	48S44578J02	2SC945L
IC202	51E06841S01	μ PC1270H	Q558	48T40081T02	2SA733
IC301	51T25576W02	NJM4580L	Q559	48S44578J02	2SC945L
IC302	51E06841S01	μ PC1270H	Q560	48T94864F01	2SD2012
IC401	51T25576W02	NJM4580L	Q561	48T94865F01	2SB1375
IC402	51E06841S01	μ PC1270H	Q562	48T16440W01	2SC4024
IC501	51T25576W02	NJM4580L	Q563	48E06359S03	2SD1669
IC502	51T25576W02	NJM4580L	Q564	48E06359S03	2SD1669
IC503	51T25576W02	NJM4580L	Q565	48E06359S03	2SD1669
IC504	51T25431W01	M5243P	Q566	48E06359S03	2SD1669
IC505	51T25431W01	M5243P	Q567	48E06359S03	2SD1669
IC506	51T25576W02	NJM4580L	Q568	48T16440W01	2SC4024
IC507	51T25576W02	NJM4580L	Q569	48E06359S03	2SD1669
IC552	51T70759F01	μ PC494C	Q570	48E06359S03	2SD1669
IC551	51E09178S01	PS2501-1	Q571	48E06359S03	2SD1669
Transistors			Q572	48E06359S03	2SD1669
Q101	48E06355S01	2SC3327	Q573	48E06359S03	2SD1669
Q102	48E08295S01	2SC1841	Diodes		
Q103	48E06363S04	2SC4387	D101	48T58583F01	1SS176
Q104	48E06364S04	2SA1672	D201	48T58583F01	1SS176
Q201	48E06355S01	2SC3327	D301	48T58583F01	1SS176
Q202	48E08295S01	2SC1841	D401	48T58583F01	1SS176
Q203	48E06363S04	2SC4387	D501	48E02081S01	11E2
Q204	48E06364S04	2SA1672	D503	48T58583F01	1SS176
Q301	48E06355S01	2SC3327	D504	48T58583F01	1SS176
Q302	48E08295S01	2SC1841	D505	48T58583F01	1SS176
Q303	48E06363S04	2SC4387	D506	48T58583F01	1SS176
Q304	48E06364S04	2SA1672	D553	48T58583F01	1SS176
Q401	48E06355S01	2SC3327	D554	48T58583F01	1SS176
Q402	48E08295S01	2SC1841	D555	48T58583F01	1SS176
Q403	48E06363S04	2SC4387			

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
D556	48T68079F03	30D4FA	E106	23E06854S01	ELY., 10 μ F / 16V
D557	48T68079F03	30D4FA	C107	08E09008S14	PF., 0.047 μ F
D560	48E09190S01	F10P20F	E107	23E06854S01	ELY., 10 μ F / 16V
D561	48E09190S02	F10P20FR	C108	08E09008S06	PF., 0.1 μ F
ZD502	48T25766W13	Zener, HZS7B1L	E108	23E06854S01	ELY., 10 μ F / 16V
ZD551	48T68702F31	Zener, RD6.2ESB3	C109	08E09008S06	PF., 0.1 μ F
ZD552	48T68702F68	Zener, RD22ESB1	E109	23E06854S01	ELY., 10 μ F / 16V
ZD558	48T68702F59	Zener, RD16ESB1	C110	08E09008S11	PF., 0.27 μ F
ZD559	48T68702F59	Zener, RD16ESB1	E110	23E06854S01	ELY., 10 μ F / 16V
Coils / Thermistor			C111	21E06324S01	CER., 220pF
L101	24E06338S01	1.1 μ H	E111	23E06854S01	ELY., 10 μ F / 16V
L201	24E06338S01	1.1 μ H	C112	21E07286S02	CER., 27pF
L301	24E06338S01	1.1 μ H	C113	08E09008S14	PF., 0.047 μ F
L401	24E06338S01	1.1 μ H	E113	23E04826S01	ELY., 0.47 μ F / 50V
L551	24E07941S01	Choke	C114	08E09008S12	PF., 0.18 μ F
L552	24E07941S01	Choke	C115	21E06324S01	CER., 220pF
TH551	48E06365S01	Thermistor, 20Kohm	C122	23E06330S01	ELY., (B.P) 100 μ F / 10V
Transformers			C201	21E07287S01	CER., 47pF
T551	25E06343S01	Choke	E201	23E06854S01	ELY., 10 μ F / 16V
T552	25E06343S01	Choke	C202	21E07287S01	CER., 47pF
T553	25E06341S01	Power	E202	23E06854S01	ELY., 10 μ F / 16V
Switches			C203	08E09008S11	PF., 0.27 μ F
S501	40E09137S01	SSSF14 (ACOUSTIC COMPENSATION)	E203	23E04822S01	ELY., 4.7 μ F / 25V
S502	40E09138S01	SSSF12 (INPUT MODE)	C204	08E09008S03	PF., 0.082 μ F
S503	40E09138S01	SSSF12 (INPUT MODE)	E204	23E07090S01	ELY., 0.68 μ F / 50V
S504	40E09138S01	SSSF12 (FILTER)	C205	21E06323S01	CER., 100pF
S505	40E09138S01	SSSF12 (FILTER)	C206	08E09008S10	PF., 0.22 μ F
S506	40E09136S01	SSSF14 (INPUT CHANNEL)	E206	23E06854S01	ELY., 10 μ F / 16V
Capacitors			C207	08E09008S14	PF., 0.047 μ F
C101	21E07287S01	CER., 47pF	E207	23E06854S01	ELY., 10 μ F / 16V
E101	23E06854S01	ELY., 10 μ F / 16V	C208	08E09008S06	PF., 0.1 μ F
C102	21E07287S01	CER., 47pF	E208	23E06854S01	ELY., 10 μ F / 16V
E102	23E06854S01	ELY., 10 μ F / 16V	C209	08E09008S06	PF., 0.1 μ F
C103	08E09008S11	PF., 0.27 μ F	E209	23E04938S02	ELY., 10 μ F / 16V
E103	23E04822S01	ELY., 4.7 μ F / 25V	C210	08E09008S11	PF., 0.27 μ F
C104	08E09008S03	PF., 0.082 μ F	E210	23E06854S01	ELY., 10 μ F / 16V
E104	23E07090S01	ELY., 0.68 μ F / 50V	C211	21E06324S01	CER., 220pF
C105	21E06323S01	CER., 100pF	E211	23E06854S01	ELY., 10 μ F / 16V
C106	08E09008S10	PF., 0.22 μ F	C212	21E07286S02	CER., 27pF
E106	23E06854S01	ELY., 10 μ F / 16V	C213	08E09008S14	PF., 0.047 μ F
C107	08E09008S14	PF., 0.047 μ F	E213	23E04826S01	ELY., 0.47 μ F / 50V
E107	23E06854S01	ELY., 10 μ F / 16V	C214	08E09008S12	PF., 0.18 μ F
C108	08E09008S06	PF., 0.1 μ F	C215	21E06324S01	CER., 220pF
E108	23E06854S01	ELY., 10 μ F / 16V	C222	23E06330S01	ELY., (B.P) 100 μ F / 10V
C109	08E09008S06	PF., 0.1 μ F	C301	21E06324S01	CER., 220pF
E109	23E06854S01	ELY., 10 μ F / 16V	E301	23E06854S01	ELY., 10 μ F / 16V
C110	08E09008S11	PF., 0.27 μ F	C303	08E09008S11	PF., 0.27 μ F
E110	23E06854S01	ELY., 10 μ F / 16V	E303	23E04822S01	ELY., 4.7 μ F / 25V
C111	21E06324S01	CER., 220pF	C304	08E09008S03	PF., 0.082 μ F
E111	23E06854S01	ELY., 10 μ F / 16V	E304	23E07090S01	ELY., 0.68 μ F / 50V
C112	21E07286S02	CER., 27pF	C305	21E06323S01	CER., 100pF
C113	08E09008S14	PF., 0.047 μ F	C306	08E09008S10	PF., 0.22 μ F
E113	23E04826S01	ELY., 0.47 μ F / 50V			
C114	08E09008S12	PF., 0.18 μ F			
C115	21E06324S01	CER., 220pF			
C122	23E06330S01	ELY., (B.P) 100 μ F / 10V			
C201	21E07287S01	CER., 47pF			
E201	23E06854S01	ELY., 10 μ F / 16V			
C202	21E07287S01	CER., 47pF			
E202	23E06854S01	ELY., 10 μ F / 16V			
C203	08E09008S11	PF., 0.27 μ F			
E203	23E04822S01	ELY., 4.7 μ F / 25V			
C204	08E09008S03	PF., 0.082 μ F			
E204	23E07090S01	ELY., 0.68 μ F / 50V			
C205	21E06323S01	CER., 100pF			
C206	08E09008S10	PF., 0.22 μ F			
E206	23E06854S01	ELY., 10 μ F / 16V			
C207	08E09008S14	PF., 0.047 μ F			
E207	23E06854S01	ELY., 10 μ F / 16V			
C208	08E09008S06	PF., 0.1 μ F			
E208	23E06854S01	ELY., 10 μ F / 16V			
C209	08E09008S06	PF., 0.1 μ F			
E209	23E04938S02	ELY., 10 μ F / 16V			
C210	08E09008S11	PF., 0.27 μ F			
E210	23E06854S01	ELY., 10 μ F / 16V			
C211	21E06324S01	CER., 220pF			
E211	23E06854S01	ELY., 10 μ F / 16V			
C212	21E07286S02	CER., 27pF			
C213	08E09008S14	PF., 0.047 μ F			
E213	23E04826S01	ELY., 0.47 μ F / 50V			
C214	08E09008S12	PF., 0.18 μ F			
C215	21E06324S01	CER., 220pF			
C222	23E06330S01	ELY., (B.P) 100 μ F / 10V			
C301	21E06324S01	CER., 220pF			
E301	23E06854S01	ELY., 10 μ F / 16V			
C303	08E09008S11	PF., 0.27 μ F			
E303	23E04822S01	ELY., 4.7 μ F / 25V			
C304	08E09008S03	PF., 0.082 μ F			
E304	23E07090S01	ELY., 0.68 μ F / 50V			
C305	21E06323S01	CER., 100pF			
C306	08E09008S10	PF., 0.22 μ F			

Symbol No.	Part No.	Description		Symbol No.	Part No.	Description	
E306	23E06854S01	ELY.,	10 μ F / 16V	E555	23E08297S02	ELY.,	3300 μ F / 16V
C307	08E09008S14	PF.,	0.047 μ F	C556	21E06323S01	CER.,	100pF
E307	23E06854S01	ELY.,	10 μ F / 16V	E556	23E08297S02	ELY.,	3300 μ F / 16V
C308	08E09008S06	PF.,	0.1 μ F	C557	21E06325S01	CER.,	560pF
E308	23E06854S01	ELY.,	10 μ F / 16V	E557	23E08793S03	ELY.,	220 μ F / 16V
C309	08E09008S06	PF.,	0.1 μ F	C558	21E06323S01	CER.,	100pF
E309	23E06854S01	ELY.,	10 μ F / 16V	E558	23E08794S01	ELY.,	100 μ F / 25V
C310	08E09008S11	PF.,	0.27 μ F	C559	08E09008S06	PF.,	0.1 μ F
E310	23E06854S01	ELY.,	10 μ F / 16V	E559	23E08793S03	ELY.,	220 μ F / 16V
C311	21E06324S01	CER.,	220pF	C560	08E09008S06	PF.,	0.1 μ F
E311	23E06854S01	ELY.,	10 μ F / 16V	E560	23E08794S01	ELY.,	100 μ F / 25V
C312	21E07286S02	CER.,	27pF	C561	08E09008S06	PF.,	0.1 μ F
C313	08E09008S14	PF.,	0.047 μ F	E561	23E09187S02	ELY.,	5600 μ F / 35V
E313	23E04826S01	ELY.,	0.47 μ F / 50V	C562	08E09151S02	MLY.,	0.01 μ F
C314	08E09008S12	PF.,	0.18 μ F	E562	23E09187S02	ELY.,	5600 μ F / 35V
C322	23E06330S01	ELY., (B.P)	100 μ F / 10V	C563	08E09008S01	PF.,	0.056 μ F
C401	21E06324S01	CER.,	220pF	E563	23E08302S01	ELY.,	470 μ F / 35V
E401	23E06854S01	ELY.,	10 μ F / 16V	E564	23E08302S01	ELY.,	470 μ F / 35V
C403	08E09008S11	PF.,	0.27 μ F	E565	23E04826S01	ELY.,	0.47 μ F / 50V
E403	23E04822S01	ELY.,	4.7 μ F / 25V				
C404	08E09008S03	PF.,	0.082 μ F	Resistors			
E404	23E07090S01	ELY.,	0.68 μ F / 50V	R141	17E09460S01	Cement,0.1 ohm	\times 2
C405	21E06323S01	CER.,	100pF	R142	06E06383S01	SPR, 10 ohm	1W
C406	08E09008S10	PF.,	0.22 μ F	R241	17E09460S01	Cement,0.1 ohm	\times 2
E406	23E06854S01	ELY.,	10 μ F / 16V	R242	06E06383S01	SPR, 10 ohm	1W
C407	08E09008S14	PF.,	0.047 μ F	R341	17E09460S01	Cement,0.1 ohm	\times 2
E407	23E06854S01	ELY.,	10 μ F / 16V	R342	06E06383S01	SPR, 10 ohm	1W
C408	08E09008S06	PF.,	0.1 μ F	R441	17E09460S01	Cement,0.1 ohm	\times 2
E408	23E06854S01	ELY.,	10 μ F / 16V	R442	06E06383S01	SPR, 10 ohm	1W
C409	08E09008S06	PF.,	0.1 μ F	R507	06E07006S02	C.F., 560 ohm	1/2W
E409	23E06854S01	ELY.,	10 μ F / 16V	R508	06E03962S01	C.F., 680 ohm	1/2W
C410	08E09008S11	PF.,	0.27 μ F	R509	06E07006S02	C.F., 560 ohm	1/2W
E410	23E06854S01	ELY.,	10 μ F / 16V	R510	06E03962S01	C.F., 680 ohm	1/2W
C411	21E06324S01	CER.,	220pF	R551	06E03962S01	C.F., 680 ohm	1/2W
E411	23E06854S01	ELY.,	10 μ F / 16V	R582	06E06382S01	SPR, 1 ohm	1W
C412	21E07286S02	CER.,	27pF	R583	06E06382S01	SPR, 1 ohm	1W
E413	23E04826S01	ELY.,	0.47 μ F / 50V	R584	06E06382S01	SPR, 1 ohm	1W
C413	08E09008S14	PF.,	0.047 μ F	R585	06E06382S01	SPR, 1 ohm	1W
C414	08E09008S12	PF.,	0.18 μ F	R586	06E06382S01	SPR, 1 ohm	1W
C422	23E06330S01	ELY., (B.P)	100 μ F / 10V	R587	06E06383S01	SPR, 10 ohm	1W
E503	23E04833S01	ELY.,	100 μ F / 16V	R588	06E06383S01	SPR, 10 ohm	1W
E504	23E06854S01	ELY.,	10 μ F / 16V	R589	06E06383S01	SPR, 10 ohm	1W
E505	23E04833S01	ELY.,	100 μ F / 16V	R590	06E06383S01	SPR, 10 ohm	1W
C551	08E09008S06	PF.,	0.1 μ F	R591	06E06383S01	SPR, 10 ohm	1W
E551	23E04833S01	ELY.,	100 μ F / 16V	R598	06E06382S01	SPR, 1 ohm	1W
C552	08E09151S06	MYL.,	1200pF	R599	06E06382S01	SPR, 1 ohm	1W
E552	23E04836S01	ELY.,	220 μ F / 10V				
C553	21E06323S01	CER.,	100pF				
E553	23E04833S01	ELY.,	100 μ F / 16V				
C554	21E06323S01	CER.,	100pF				
E554	23E04836S01	ELY.,	220 μ F / 10V				
C555	21E06325S01	CER.,	560pF				

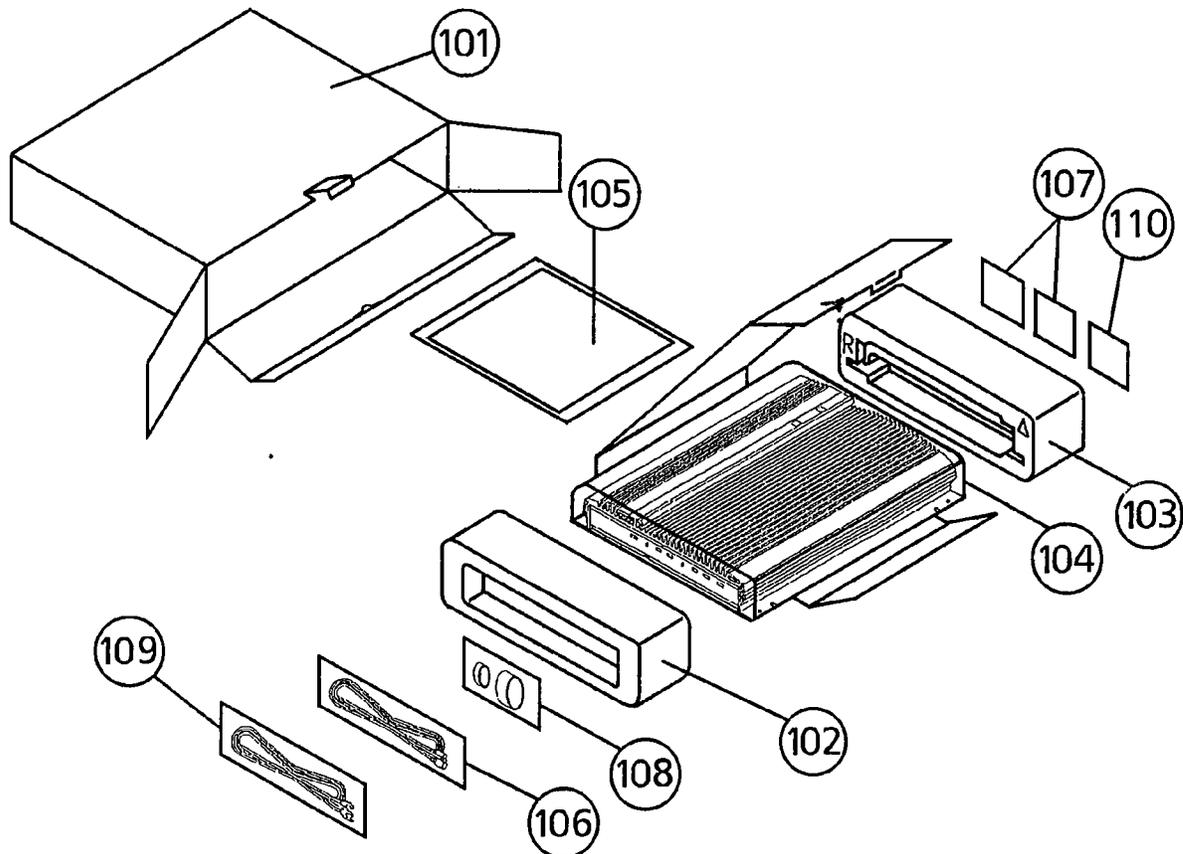
Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
R600	06E06382S01	SPR, 1 ohm 1W	RCA P. C. Board		
R601	06E06382S01	SPR, 1 ohm 1W	Capacitors		
R602	06E06382S01	SPR, 1 ohm 1W	C115	21E03875S01	CER., 100pF
R603	06E06383S01	SPR, 10 ohm 1W	C215	21E03875S01	CER., 100pF
R604	06E06383S01	SPR, 10 ohm 1W	Transistor P. C. Board		
R605	06E06383S01	SPR, 10 ohm 1W	Transistors		
R606	06E06383S01	SPR, 10 ohm 1W	Q105	48S44578J02	2SC945L
R607	06E06383S01	SPR, 10 ohm 1W	Q205	48S44578J02	2SC945L
R608	06E06384S01	SPR, 100 ohm 1W	Q305	48S44578J02	2SC945L
R611	06E06384S01	SPR, 100 ohm 1W	Q405	48S44578J02	2SC945L
R612	17E08299S01	Cement, 0.1 ohm	Miscellaneous		
R613	17E08299S01	Cement, 0.1 ohm	ET501	29E09185S01	Power Terminals
VR501	18E09602S01	10K ohm x2	ET502	29E06476S01	Speaker Output Terminals
VR502	18E09602S01	10K ohm x2	F501	65S58596F06	Fuse, Auto 20A (For Battery Line)
Output P. C. Board			F502	65S58596F06	Fuse, Auto 20A (For Battery Line)
Capacitors			JK501	09E06320S01	RCA Jack
C150	08E09008S06	PF., 0.1 μ F	LD501	48E06366S01	LED, AABG4307K (ORG / GRN)
C151	08E09008S16	PF., 0.022 μ F	LD502	48E06366S01	LED, AABG4307K (ORG / GRN)
C250	08E09008S06	PF., 0.1 μ F	Power P. C. Board		
C251	08E09008S16	PF., 0.022 μ F	Diode / Capacitor		
C350	08E09008S06	PF., 0.1 μ F	D570	48E01627S04	Diode, 11E2
C351	08E09008S16	PF., 0.022 μ F	C570	08E09008S04	PF., 0.082 μ F
C450	08E09008S06	PF., 0.1 μ F	Resistors		
C451	08E09008S16	PF., 0.022 μ F	R150	06E06383S01	SPR, 10 ohm 1W
Resistors			R250	06E06383S01	SPR, 10 ohm 1W
R150	06E06383S01	SPR, 10 ohm 1W	R350	06E06383S01	SPR, 10 ohm 1W
R250	06E06383S01	SPR, 10 ohm 1W	R450	06E06383S01	SPR, 10 ohm 1W
R350	06E06383S01	SPR, 10 ohm 1W	Power P. C. Board		
R450	06E06383S01	SPR, 10 ohm 1W	Diode / Capacitor		
Power P. C. Board			D570	48E01627S04	Diode, 11E2
Diode / Capacitor			C570	08E09008S04	PF., 0.082 μ F
D570	48E01627S04	Diode, 11E2	Power P. C. Board		
C570	08E09008S04	PF., 0.082 μ F	Diode / Capacitor		

Packing Assembly Parts List

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description		
○	101	56E09605S01	Carton, Packing	○	109	01E06306S01	Assy., Power Cord
●	101	56E09605S01	Carton, Packing	●	109	01E06306S01	Assy., Power Cord
△	101	56E09606S01	Carton, Packing	△	109-1	01E09603S01	Assy., Power Cord
	102	56E06374S01	Tray, Packing (L)	△	109-2	01E09604S01	Assy., GND Cord
	103	56E06375S01	Tray, Packing (R)		110	03E09191S01	Screw, CHTS-1 (M4×20)
	104	56B72811F08	Sack, Polyethylene				
○	105	68P40151W01	Owner's, Manual				
●	105-1	68P40151W01	Owner's, Manual				
●	105-2	68P40151W02	Owner's, Manual				
△	105	68P40151W04	Owner's, Manual				
	106	01E08346S01	Assy., Remote Cord				
	107	65S58596F06	Fuse, Auto 20A (For Battery Line)				
	108	15A81064F03	Housing Rubber				

Notes: ○ : North American Model Only, ● : Canadian Model Only,
 △ : General Foreign Model Only, Others : Common

Packing Method View

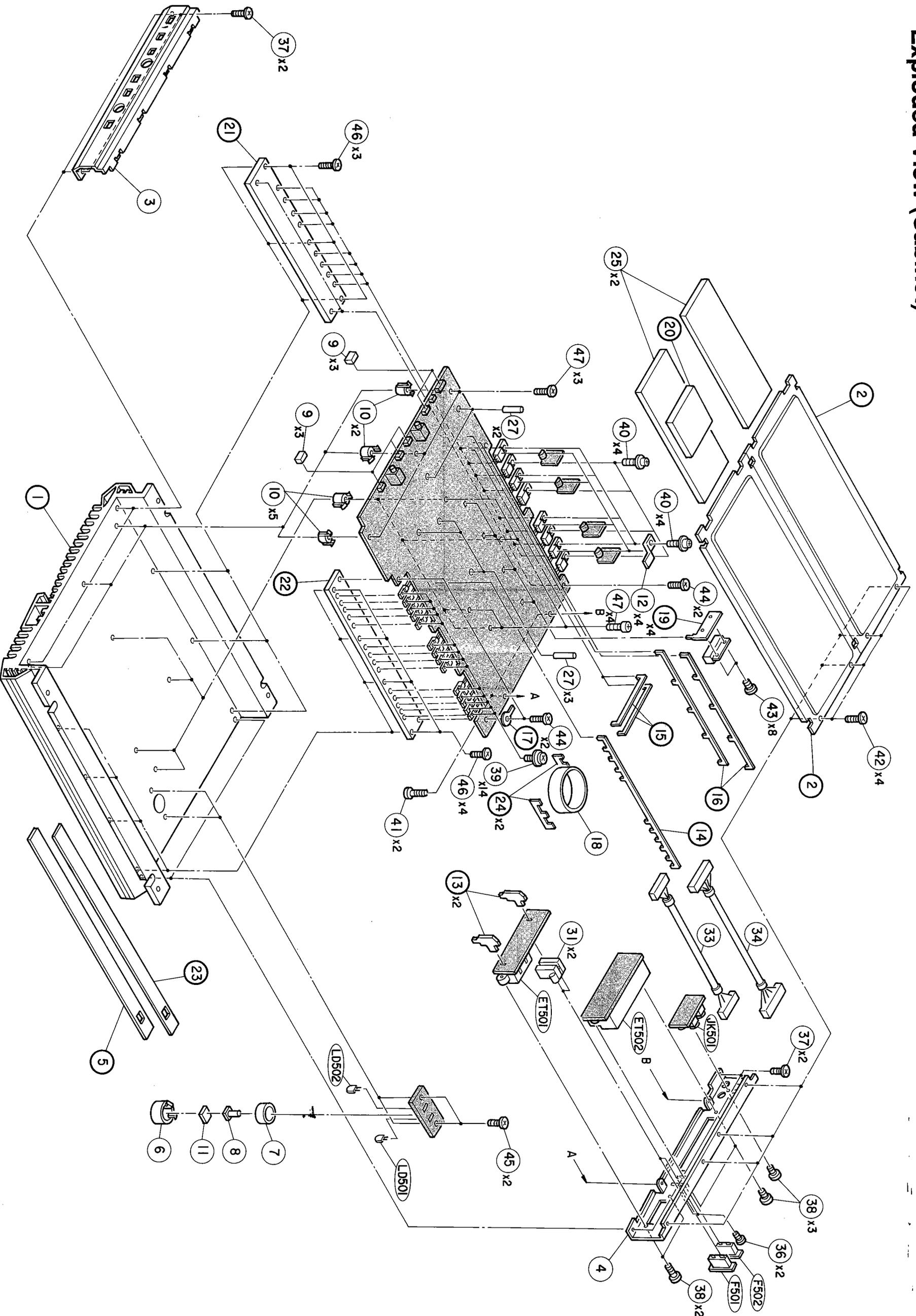


Cabinet Assembly Parts List

Note : The parts without parts list are not supplied.

Symbol No.	Index	Part No.	Description	Symbol No.	Index	Part No.	Description
3	5-B	27E09628S01	Chassis, Front				
4	2-G	27E09629S01	Chassis, Rear				
6	5-G	15E09383S01	Holder, LED				
7	4-G	15E09384S01	Cover, LED				
8	4-G	07E09492S01	LED Pre Base				
9		36E09132S01	Knob, Switch B				
10	4-C	43E08008S01	Support, P.C.Board				
11	4-G	61E06376S01	Lens, LED				
12	2-D	07E09494S01	Support, Transistor (B)				
18	3-E	26A81610F02	Shield, CU				
25	2-B	14A13430W01	Insulator, Plate				
27		09E07042S01	Lead Pin				
31	3-F	09E06453S01	Holder, Auto Fuse				
33	2-F	01E09630S01	Assy., Connector (3P)				
34	2-F	01E09631S01	Assy., Connector (5P)				
36	2-G	03E08303S01	Screw, CPTS-4 (M2 x 6)				
37		03E06480S01	Screw, CPTS-2 (M3 x 6)				
38		03E04878S01	Screw, CPTS-2 (M3 x 8)				
39	3-E	03E08304S01	Screw, CPTS-2 (M3 x 8.5)				
40		03E08305S01	Screw, CPTS-2 (M3 x 9.5)				
41		03E06492S01	Screw, CBTS-3 (M3 x 5)				
42	1-E	03E06493S02	Screw, CFTS-3 (M3 x 6)				
43	2-D	03E06492S02	Screw, CBTS-2 (M3 x 5)				
44		03E08429S02	Screw, CBTS-2 (M3 x 6)				
45	3-G	03E08429S01	Screw, CBTS-2 (M3 x 6)				
46		03E06967S01	Screw, CBTS-2 (M3 x 10)				
47		03E07234S01	Screw, CBTS-2 (M3 x 12)				

Exploded View (Cabinet)



1

2

3

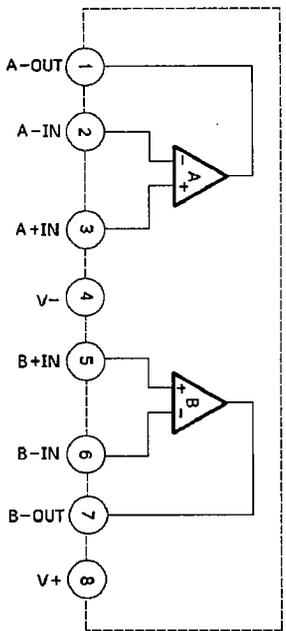
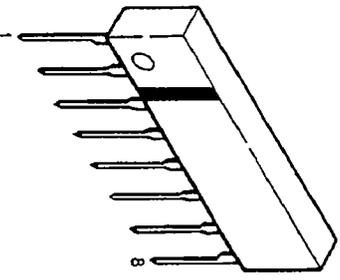
4

5

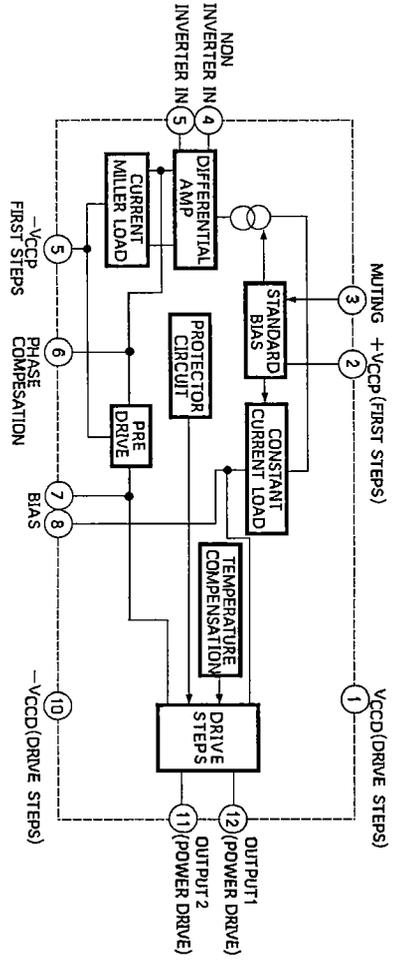
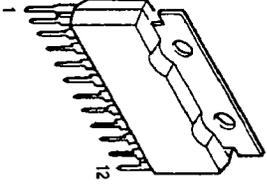
A I I B-31 I I C I I D I I E I I F-32 I I G I I H

Semi-Conductor Lead Identifications

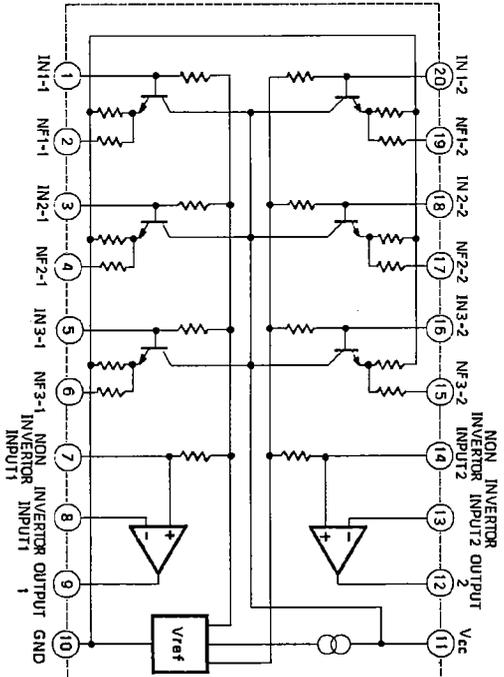
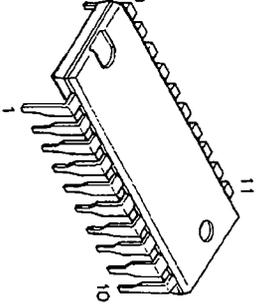
NUM4580L : IC101, 201, 301, 401, 501, 502, 503, 506, 507



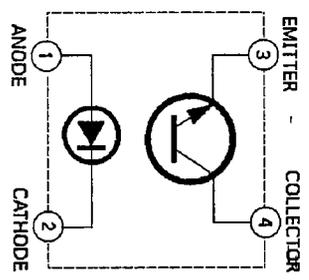
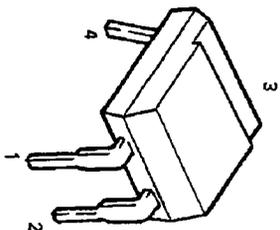
μPC1270H : IC102, 202, 302, 402



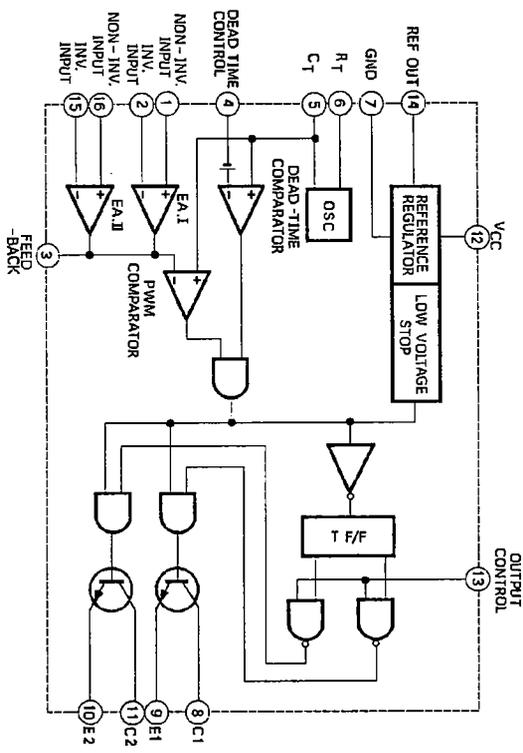
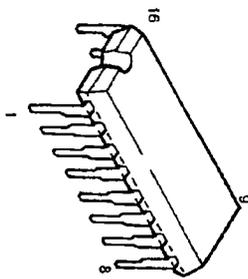
M5243P : IC504, 505



PS2501 - 1 : IC551



μPC494C : IC552



ALPINE ELECTRONICS INC.

Tokyo Office: 1-1-8 Nishi Gotanda,
Shinagawa-ku, Tokyo, Japan 141
Phone 03-3494-1101 Telex 8927-61

ALPINE ELECTRONICS OF AMERICA, INC.

19145 Gramercy Place
Torrance, California 90501
Phone 213-326-8000

ALPINE ELECTRONICS OF CANADA, INC.

605 Alden RD, Markham,
Ontario L3R 3L5 Canada
Phone 416-475-7280 Telex 06-986789

ALPINE ELECTRONICS GmbH

Brandenburger Strasse 2-6
D-4030, Ratingen F.R.Germany
Tel. 001-49-2102-4550 Fax. 001-49-2102-445321
Telex 8589157

9/91-B
68P40996W01
Printed in Japan