

1. EXPLODED VIEWS AND PARTS LIST

NOTES: • Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.

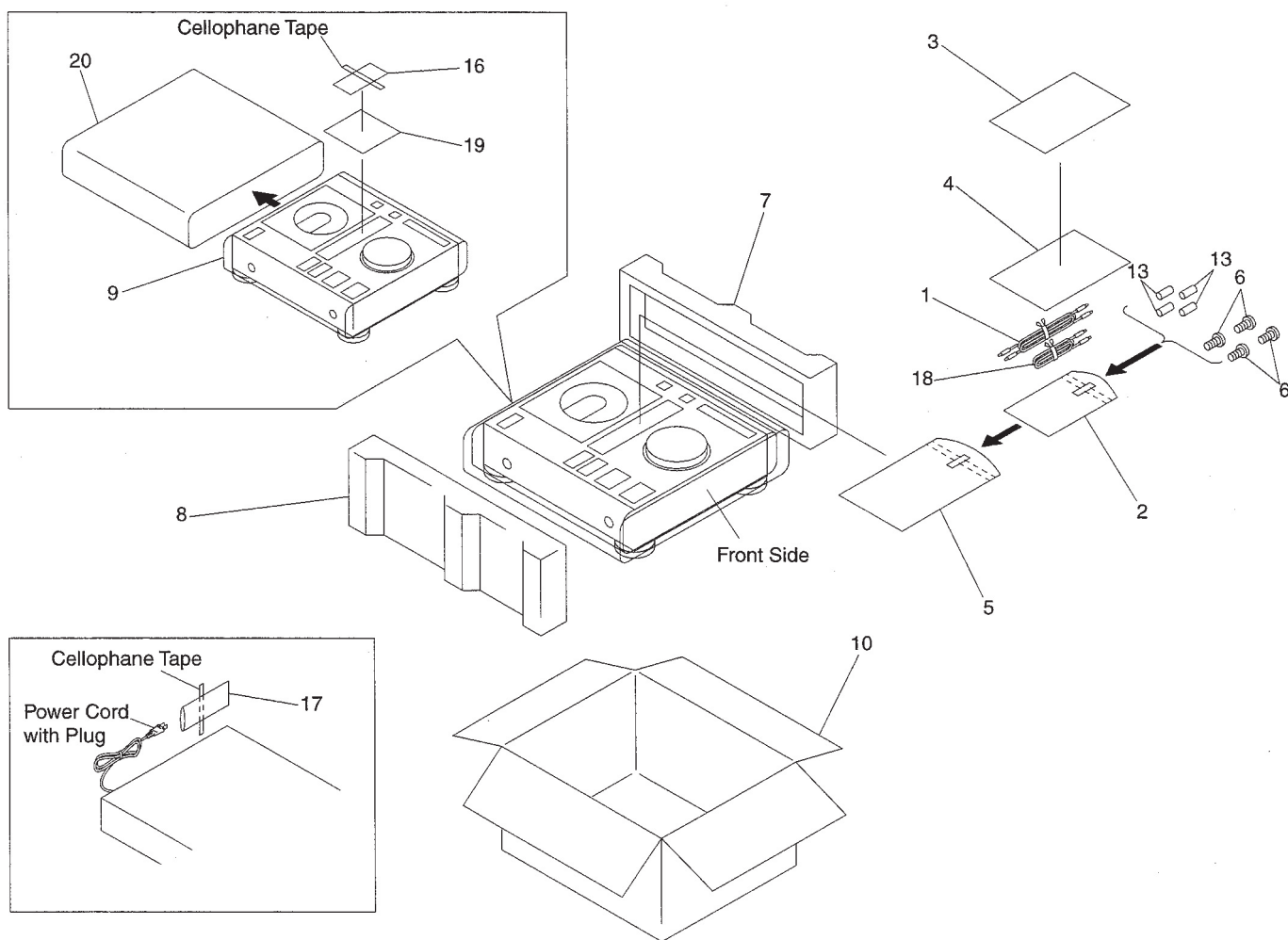
- The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- Ref. No.: Numbers following P and hyphen (-) indicate the page (S) and location number (S) in the RRV1087 service manual, respectively.
- Screws adjacent to ▼ mark on the product are used for disassembly.

Note) Regular inspection/Cleaning

When performing regular inspections, pay particularly careful attention to inspect and clean the parts with the part No. in □ in the parts list and following parts.

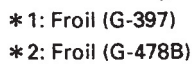
- The sliding sections of the switch holder A assy and the hook drive levrt.
- The lens in the PICKUP ASSY (Cleaning).

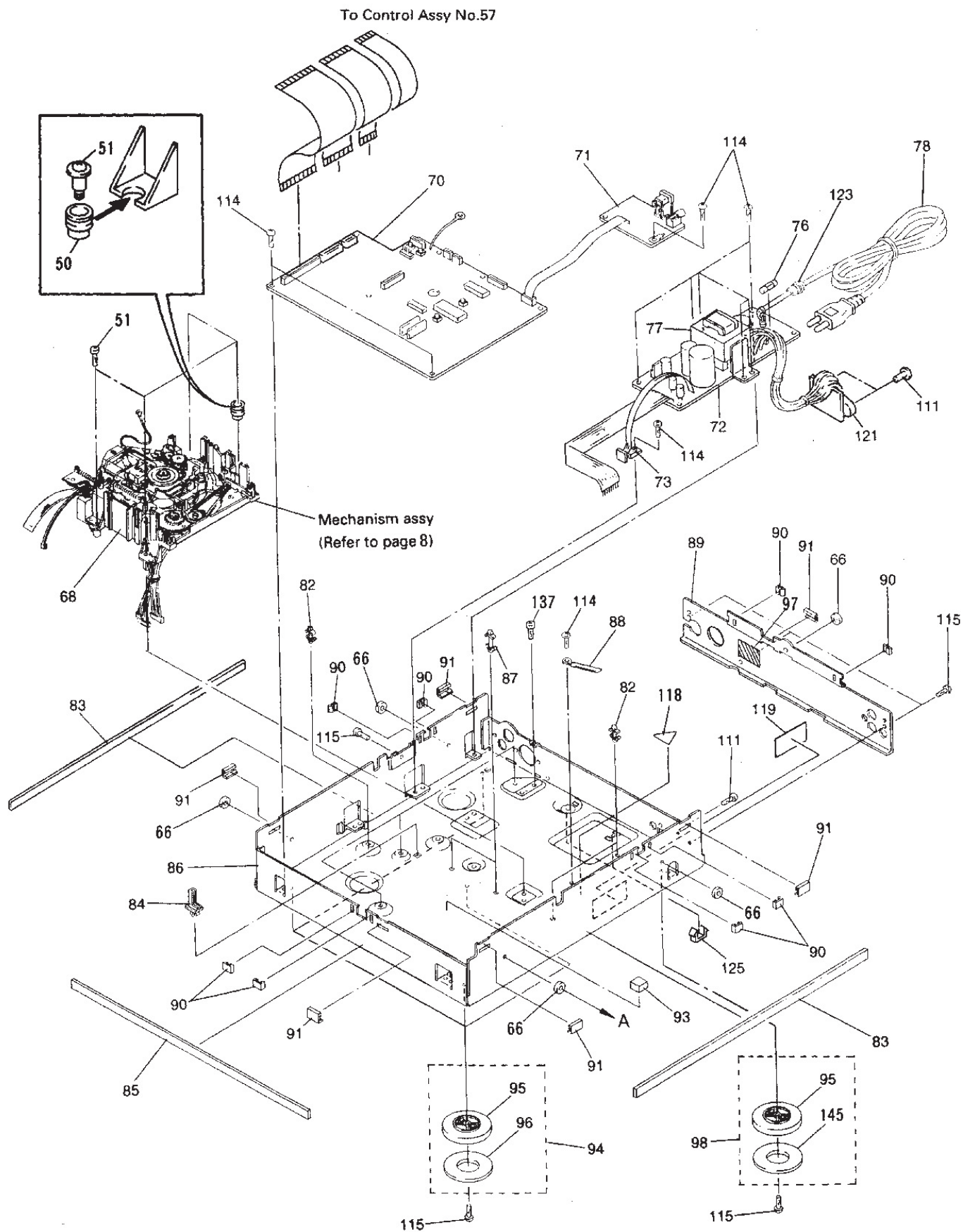
1.1 PACKING



Parts List

Mark	No.	Description	Part No.
	1	Output Cable (L=1.5m)	VDE1033
NSP	2	Vinyl bag (80 x 145 x 0.03)	REG-013
NSP	3	Caution label 220V	ARR7003
	4	Operating Instructions (English/French/German/Italian/Dutch/ Swedish/Spanish/Chinese)	DRB1219
	5	Vinyl bag (230 x 340 x 0.03)	Z21-038
	6	Screws for Rack Mounting	IBZ30P180FMC
	7	Pad L	DHA1290
	8	Pad R	DHA1291
	9	Sheet	RHX1006
	10	Packing Case	DHG1792
	11	.....	
	12	.....	
	13	Spacers for Rack Mounting	DLA1637
	14	.....	
	15	.....	
NSP	16	Caution SG	DRM1199
NSP	17	Cord Sheet	VEG-012
	18	Control Cable (L = 1m)	PDE1247
NSP	19	Silica Gel	AEN7001
	20	Poly Bag	DHL1105





Parts List

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	1	Roller Holder Assy	DXB1626		56	*****	
	2	Door Assy	DXA1805		57	CONTROL ASSY	DWG1462
	3	Yoke	PNB1216	NSP	58	POWER SW ASSY	DWS1247
	4	Clamp Magnet	PMF1014	NSP	59	EJECT SW ASSY	DWS1248
	5	Clamper Holder	DNH1920		60	SLIDER ASSY-S	DXX2225
	6	Clamper (under)	DNK1791		61	Rubber Spacer B	DEB1272
	7	Synchronous Shaft A	DLA1717		62	Rubber Cap	DEB1273
	8	Synchronous Shaft B	DLA1718		63	*****	
	9	Air Seal A	DEC1892		64	*****	
	10	Door Cushion B-L	DEC2157		65	*****	
	11	Air Seal B-R	DEC2158		66	Float Rubber B	DEB1270
	12	Screw	PBA1062		67	Knob Spring	DBH1256
	13	Play Knob	DAC1837	NSP	68	Mechanism Assy	DXA1771
	14	Cue Knob	DAC1838		69	*****	
	15	Spring	DBH1253		70	MAIN BOARD ASSY	DWX1794
	16	Net	DED1087		71	AUDIO OUT ASSY	DWX1587
	17	Door Holder	DNK2952		72	TRANSFORMER	DWR1223
	18	*****				BOARD ASSY	
	19	Cushion C	DEC1781	NSP	73	REGULATOR UNIT	DWX1607
	20	Cushion D	DEC1782		74	*****	
					75	*****	
	21	Brind Sheet	DEC1897		76	Fuse (T250mA)	AEK1048
	22	Slide Knob	DNK2936	△	77	Power Transformer (110, 120,	DTT1125
	23	Door Cushion E	DEC1950	△		220-230, 240V)	
	24	Bush	DLA1725		78	Power Cord With Plug	PDG1003
	25	Control Panel	DNK3454	△	79	*****	
					80	*****	
	26	Jog Dial	DNK3189		81	*****	
	27	*****			82	PCB Support	VEC1508
	28	Retainer	DNK1849	NSP	83	Cushion A	DEC1775
	29	Steel Ball	VNX1006		84	Holder	PNW2343
	30	Thrust Stay B	DNH1925		85	Cushion B	DEC1776
	31	Jog Holder	DNK3190				
	32	Smoother	DNK2933	NSP	86	Chassis	DNA1195
	33	Spring J	DBH1321		87	PCB Support	DEC1773
	34	Push Up Hook	DNK3192	NSP	88	Cord Clamper	ZCB-069Z
	35	Lever Spring	DBH1254	NSP	89	Rear Panel	DNC1465
					90	Rubber Spacer C	DEB1276
	36	Lever	DNK3210		91	Rubber Spacer A	DEB1271
	37	Hook Drive Lever	DNK2945		92	*****	
	38	Hook Assy	DXB1509		93	Cushion	DEB1279
	39	Switch Holder A Assy	DXB1510		94	Insulator Assy	DXA1729
	40	Konb A	DNK2931		95	Insulator	VNK1353
				NSP			
	41	Loop Knob	DNK2943		96	Cushion	DEC1827
	42	Limiter	DNK2949	NSP	97	Fuse Caution Label	VRW-548
	43	Power Knob	DNK2942	NSP	98	Insulator Assy	VXA1454
	44	Fook Spring A	DBH1354		99	SH Screw	PBA1033
	45	Collective Knob B	DAC1839		100	*****	
	46	VR Packing	DEB1303		101	E Ring	YE12FUC
	47	VR Plate	DNF1485		102	*****	
	48	Time Mode Knob	DNK2944		103	*****	
	49	VR Spring	DBK1088		104	*****	
	50	Mechanism Float Rubber	DEB1321		105	Screw	AMZ30P040FMC
	51	Mechanism Base Screw	DBA1091		106	*****	
	52	*****			107	*****	
	53	Door Spring	DBH1355		108	Screw	BPZ26P060FNI
	54	Reloop Knob	DNK3200		109	*****	
	55	*****			110	*****	

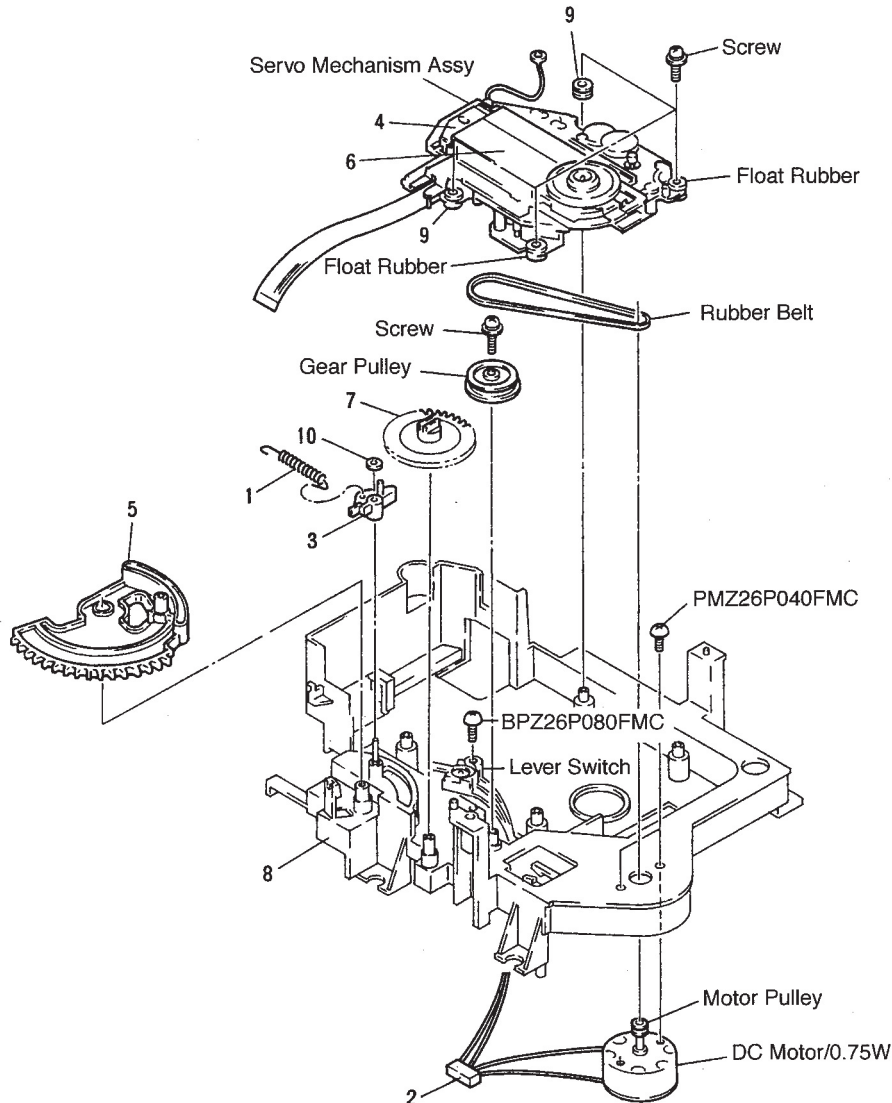
Mark	No.	Description	Part No.
	111	Screw	BPZ30P080FMC
	112	.....	
	113	.....	
	114	Screw	BBZ30P060FMC
	115	Screw	BBZ30P080FZK
	116	.....	
NSP	117	Caution Label (F)	VRW-328
	118	Caution Label (G)	VRW-329
	119	Caution Label	PRW1018
NSP	120	SISIR REGISTRATION	DRW1878
NSP	121	VOLTAGE SELECTOR BOARD ASSY	DWS1256
	122	.....	
	123	Strain Relief	CM-22B
	124	Screw	DBA1079
	125	Screw Cap	DNK2959
	126	.....	
	127	.....	
	128	.....	
	129	Panel	DAH1750
	130	Slide Sheet	DAH1751
	131	.....	
	132	.....	
	133	.....	
	134	.....	
	135	.....	
	136	.....	
	137	Screw	BMZ40P060FMC
	138	.....	
	139	Stopper Ring	YS20FBT
	140	.....	
	141	Washer	WA52D080D025
	142	.....	
	143	.....	
	144	.....	
NSP	145	Cushion	VEC1224
	146	Short-Collar	DLA1788
	147	Long-Collar	DLA1789
	148	Damper	VEB1172

MECHANISM ASSY

DXA1771 and DXA1684 are constructed the same except for the following:

Ref. No.	Mark	Symbol and Description	Part No.		Remarks
			DXA1684	DXA1771	
P37-4	NSP	Float Base	PNW2032	Not used	
P37-5		Clamp Cam	DNK3029	Not used	
P37-8		Drive Gear 2	PNW2369	Not used	
P37-15		Loading Base	DNK3030	Not used	
P37-46		2MM Pich Connector Assy 4P	DDE1083	Not used	
P37-47		2MM Pich Connector Assy 4P	DKP2863	PG04 MM-G20	No. 1
		Release Lever Spring	Not used	DBH1258	No. 2
		2MM Pich Connector Assy 5P	Not used	DDE1106	No. 3
		Release lever	Not used	DNK2938	No. 4
		PU Cover	Not used	DNK3188	No. 4
		Drive Gear A	Not used	DNK3191	No. 5
		Shutter	Not used	DNK3193	No. 6
		Drive Gear B	Not used	DNK3199	No. 7
		Mechanism Base Assy	Not used	DXB1568	No. 8
		Float Rubber	Not used	PEB1014	No. 9
		Washer	Not used	WT16D032D025	No. 10

Note: The number in the remarks column corresponds to the number in the Mechanism assy's exploded view below.



4. PCB PARTS LIST

NOTES: • Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.

• The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

• When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).

560 Ω $\rightarrow$ 56 $\times 10^1 \rightarrow$ 561 RD1/4PU561J

47k Ω $\rightarrow$ 47 $\times 10^3 \rightarrow$ 473 RD1/4PU473J

0.5 Ω $\rightarrow$ R50 RN2H50K

1 Ω $\rightarrow$ 1R0 RS1P1R0K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62k Ω $\rightarrow$ 562 $\times 10^1 \rightarrow$ 5621 RN1/4PC5621F

Mark	No.	Description	Part No.
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LIST OF ASSEMBLIES

NSP	MOTHER BOARD ASSY	DWM1492
	└ TRANSFORMER BOARD ASSY	DWR1223
	└ AUDIO OUT ASSY	DWX1587
	└ MAIN BOARD ASSY	DWX1794
NSP	└ REGULATOR UNIT	DWX1607
NSP	└ VOLTAGE SELECTOR BOARD ASSY	DWS1256
NSP	SUB BOARD ASSY	DWX1585
	└ CONTROL ASSY	DWG1462
NSP	└ POWER SW ASSY	DWS1247
NSP	└ EJECT SW ASSY	DWS1248
	└ SLIDER ASSY-S	DXX2225

F TRANSFORMER BOARD ASSY

SEMICONDUCTORS

Δ	IC102	ICP-N15
Δ	IC101	ICP-N25
Δ	IC22	NJM79M05FA
Δ	Q1	2SB1566
	D54	MTZJ22A
	D60	MTZJ33B
Δ	D11-D14, D51, D52	S5688G

COILS AND FILTERS

Δ	L1	DTL1016
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CAPACITORS

Δ	C1, C2 (0.01 μ F/250V)	ACG7005
	C60	CEAS220M50
	C24, C53	CEAS221M50
	C27, C28	CEAS471M10
	C11, C13-C17	CKCYF473Z50
	C25 (18000 μ F/16V)	DCH1069
	C52 (100 μ F/100V)	DCH1070
	C26 (10000 μ F/16V)	VCH1054

RESISTORS

All Resistors	RD1/4PU□□□J
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Mark	No.	Description	Part No.
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OTHERS

Δ		LEAD WIRE UNIT (BRN)	DDF1001
Δ		LEAD WIRE UNIT (ORG)	DDF1002
Δ		LEAD WIRE UNIT (GRY)	DDF1003
Δ		LEAD WIRE UNIT (VLT)	DDF1004
Δ		LEAD WIRE UNIT (BLU)	DDF1005
		TERMINAL	RKC-061
	H1, H2	FUSE HOLDER	RKR1003
	KN1	EARTH METAL FITTING	VNF1084

G AUDIO OUT ASSY

SEMICONDUCTORS

D806	ISS254
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COILS AND FILTERS

Δ	L801	LAU1R5J
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CAPACITORS

	C950	CGCYX473M25
	C805, C808	CKCYF103Z50
	C809	CKCYF473Z50
Δ	C801, C802	CQMA152J50

RESISTORS

R801, R802	RD1/4PU471J
Other Resistors	RS1/10S□□□J

OTHERS

JA801	2P PIN JACK	PKB1009
JA803	REMOTE CONTROL JACK	RKN1004
KN801	EARTH METAL FITTING	VNF1084

E MAIN BOARD ASSY

SEMICONDUCTORS

IC381	BA7042
IC151	CXA1372Q
IC301	CXD2500BQ
IC501	HM514800CLTT-7
IC202	LA6517
IC203	LA6520

Mark	No.	Description	Part No.
	IC205		LB1687
	IC502		LH52256AN-70LL
	IC204, IC405		NJM4558DX
	IC402		PCM1700P-L
	IC701		PD4670C
	IC401		SM5841CP
	IC702		ST24C01CB1
	IC382		TC74HCU04AP
	IC302, IC303		UPD6383GF
	Q704-Q707		2SC2458
	Q403, Q404		2SD2144S
	Q405		DTC124ES
	D712, D713, D729, D730		ISS254

COILS AND FILTERS

L101	LFA100J
L301	LFA100K

SWITCHES AND RELAYS

S701	PSG1006
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CAPACITORS

C344, C345	CCSQCH150J50
C351, C352, C355, C356	CCSQCH5R0C50
C151-C153, C387, C401	CEAS101M10
C81, C82, C85	CEAS101M10
C83, C84	CEAS101M16
C89	CEAS101M50
C433, C434	CEAS220M25
C216, C217, C303, C330, C334	CEAS330M16
C338, C339, C341, C346, C348	CEAS330M16
C411, C412, C501, C504	CEAS330M16
C382, C415, C416	CEAS3R3M50
C242, C243, C381, C413, C414	CEAS470M50
C302	CEAS471M6R3
C160, C162	CEAS4R7M50
C309	CEASR47M50
C161	CFTXA104J50
C383	CFTXA474J50
C157, C164, C169, C308, C399	CGCYX103K25
C158, C159, C163, C236, C241	CGCYX104K25
C246-C248	CGCYX104K25
C156, C168	CGCYX333K25
C307, C329, C705	CGCYX473K25
C306, C417, C418	CKCYB152K50
C155	CKCYB182K50
C170	CKCYB332K50
C171, C172	CKCYB472K50
C167, C204, C205, C230	CKCYF103Z50
C237, C238, C250, C251, C255	CKCYF103Z50
C335, C340, C398, C402	CKCYF103Z50
C419, C420, C479, C713	CKCYF103Z50
C709, C710	CKPUYF103Z25
C231	CKSQYB683K25
C396	CKSQYF102Z50
C244, C245, C253, C257, C300	CKSQYF103Z50

Mark	No.	Description	Part No.
	C320, C353, C354, C360, C361		CKSQYF103Z50
	C394, C440, C502, C503, C505		CKSQYF103Z50
	C349		CKSQYF104Z50
	C105, C106		CKSQYF473Z50
	C429, C430		CQMA152J50
	VC301		VCMI002

RESISTORS

R237 (0.47Ω)	DCN1035
R350, R368, R778, R782	RS1/10S0R0J
R102, R440, R745, R788	RS1/10S103J
R244, R341, R384	RS1/10S104J
R740	RS1/10S105J
R141	RS1/10S153J
R441	RS1/10S182J
R240	RS1/10S184J
R744	RS1/10S202J
R755	RS1/10S221J
R739, R741, R751-R754, R756	RS1/10S223J
R780	RS1/10S223J
R245	RS1/10S224J
R743	RS1/10S244J
R140	RS1/10S274J
R340	RS1/10S332J
R144	RS1/10S333J
R143	RS1/10S334J
R242, R243, R254	RS1/10S470J
R342, R397, R445-R448	RS1/10S471J
R396	RS1/10S472J
VR151, VR152 (22 kΩ)	RCP1046
VR401, VR402 (100 kΩ)	RCP1048
VR201	VRTS6VS221
Other Resistors	RD1/4PU□□□J

OTHERS

CN101	FPC CONNECTOR	12FMZ-ABT
CN204	MT CONNECTOR 4P	173981-4
CN353	6P JUMPER CONNECTOR	52147-0610
CN11	12P JUMPER CONNECTOR	52147-1210
CN352	17P JUMPER CONNECTOR	52147-1710
CN201	6P TOP POST	B6P-SHF-1AA
X302, X303	CERAMIC RESONATOR (24.576 MHz)	DSS1054
X301	CRYSTAL RESONATOR (16.9344 MHz)	PSS1008
	PCB BINDER	VEF1040
X701	CERAMIC RESONATOR (4.19 MHz)	VSS1014

H REGULATOR UNIT**SEMICONDUCTORS**

△ IC23	PQ05RR12
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I VOLTAGE SELECTOR BOARD ASSY**OTHERS**

△ VOLTAGE SELECTOR SWITCH	DSB1014
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Mark	No.	Description	Part No.
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A CONTROL ASSY

SEMICONDUCTORS

IC602	TC74HC175AP
Q601-Q604	2SC2458
Q608-Q611	DTA124ES
D601-D613, D625	1SS254
D618-D621	GL3HY43
D614, D615	GL5EG8
D616, D617	GL5HY8
D622, D623	GP1S53V

SWITCHES AND RELAYS

S602, S603, S605, S606	ASG1034
S612	DSG1016
S604, S607	DSG1046
S601, S609, S615	DSG1056
S608	PSG1006

CAPACITORS

C601	CEAL101M6R3
C620	CEAS2R2M50
C602-C605, C608, C609	CKCYF103Z50
C613, C614	CKCYF103Z50

RESISTORS

All Resistors	RD1/4PU□□□J
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OTHERS

J604	3P JUMPER WIRE	D20PWW0315E
J605	4P JUMPER WIRE	D20PWW0415G
V601	FL INDICATOR TUBE	DEL1028
J606	CONNECTOR	PF04PG-D05
	FL SPACER	VEB1129

B POWER SW ASSY

SWITCHES AND RELAYS

S613	PSG1007
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C EJECT SW ASSY

SWITCHES AND RELAYS

S610, S611	PSG1006
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D SLIDER ASSY-S

OTHERS

CN601	KR CONNECTOR	S4B-PH-K-S
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