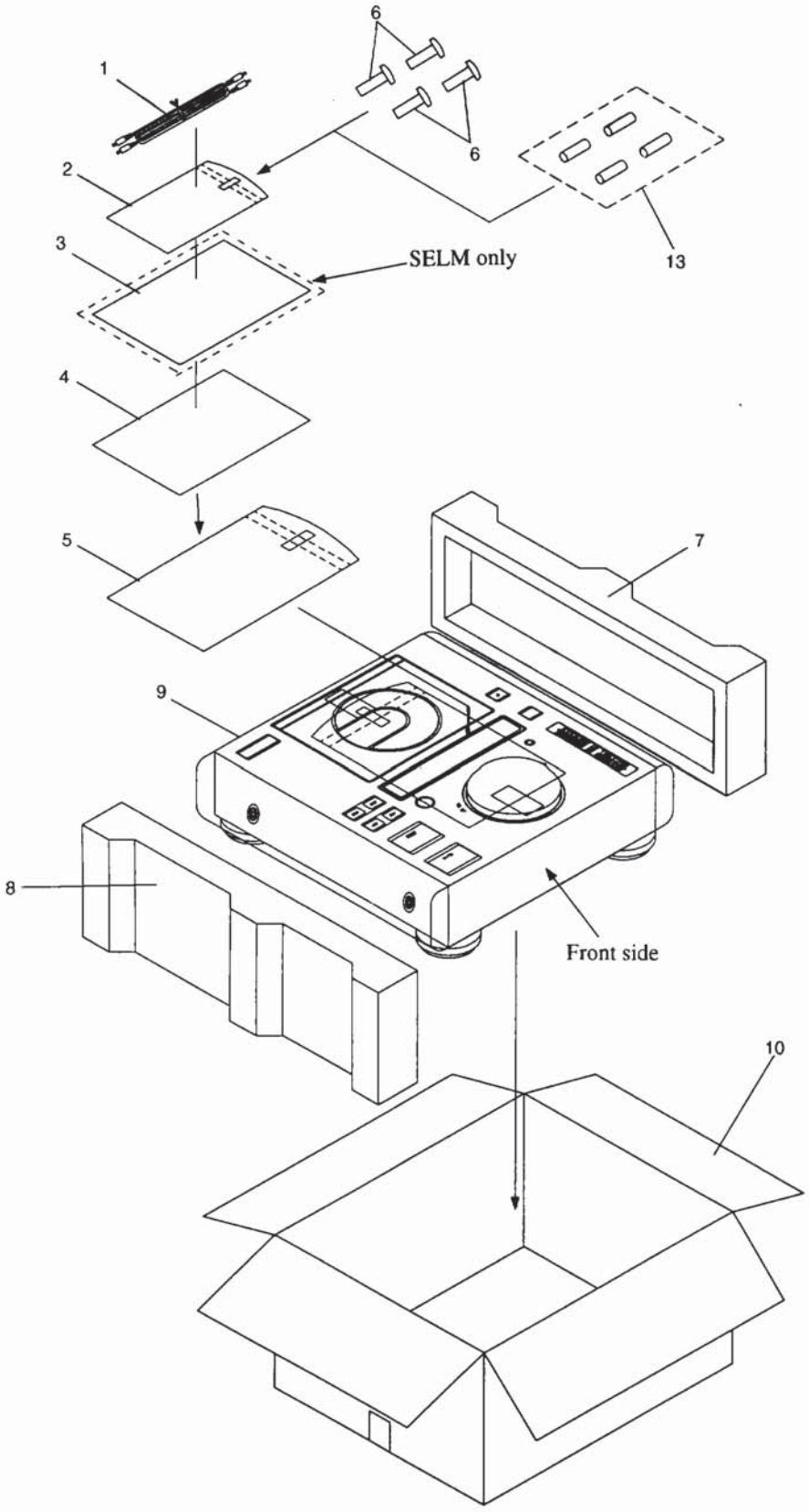
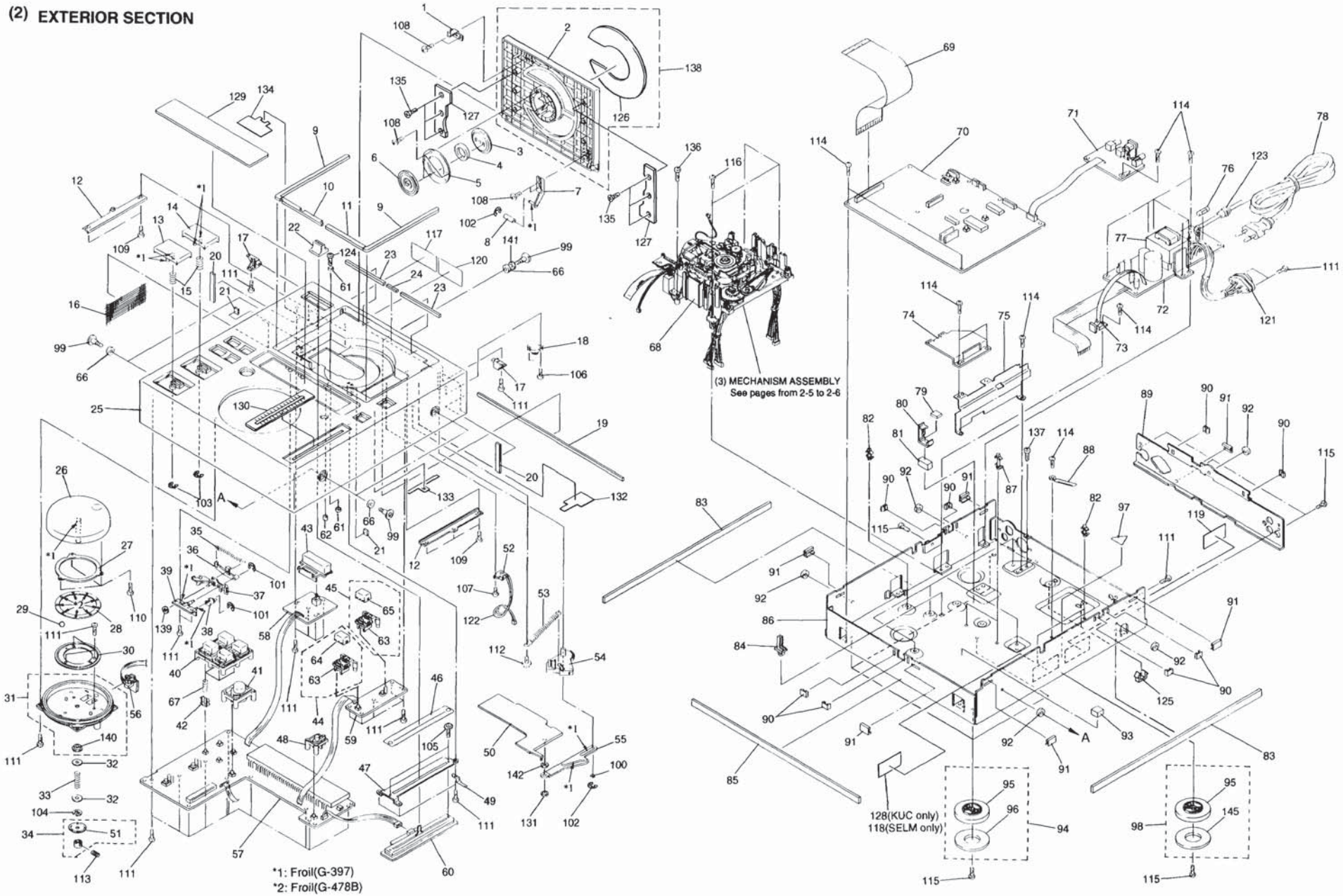
2.1 PACKING AND EXPLODED VIEWS

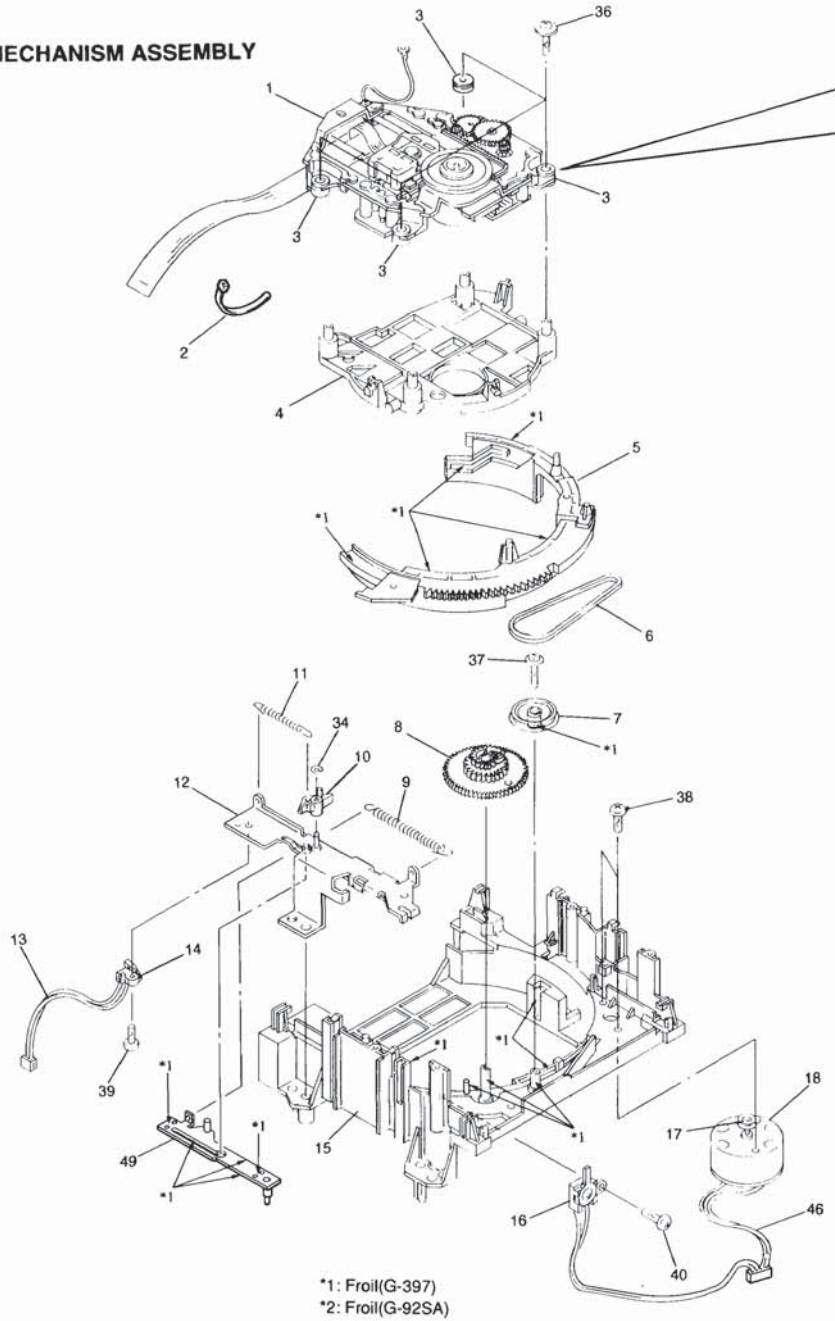
(1) PACKING

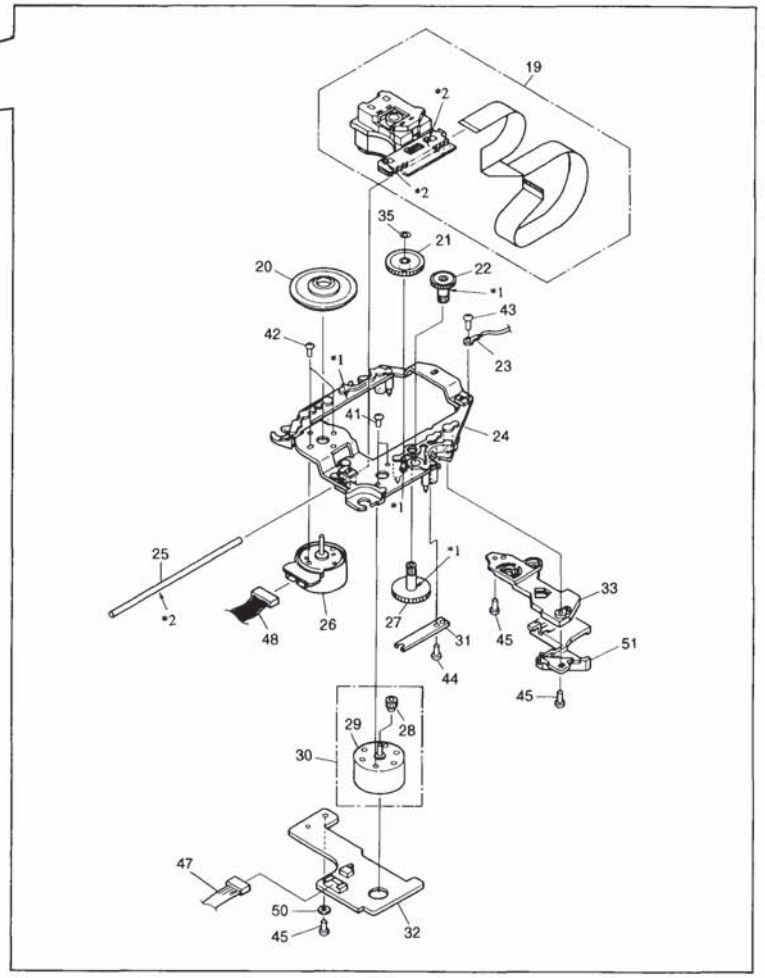


(2) EXTERIOR SECTION



(3) MECHANISM ASSEMBLY

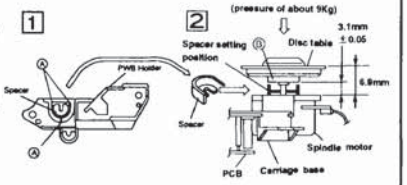




• How to install the disc table

1 Use nipper or other tool to cut the three sections marked Ⓐ figure 1. Then remove the spacer.

2 While supporting the spindle motor shaft with the stopper, put spacer on top of the motor base (angled so it doesn't touch section Ⓑ),and stick the disc table on top (takes about 9Kg pressure). Take off the spacer.



1.9 PARTS LIST FOR EXPLODED VIEWS AND PACKING

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.*
- *Parts marked by " ● " are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.*

(1) PACKING

Mark	No.	Description	Parts No.
	1	Cord with plug	VDE-010
NSP	2	Vinyl bag	REG-013
	3	Caution220V(SELM only)	ARR-003
	4	Operating instructions(KUC only) (English)	DRB1161
	4	Operating instructions(SELM only) (English, French, Germany, Italy, Dutch, Swedish, Spanish, Chinese)	DRB1166
NSP	5	Vinyl bag	VHL-014
	6	Screw	IBZ30P180FMC
	7	Pad L	DHA1290
	8	pad R	DHA1291
	9	Mirror mat	VHL1006
	10	Packing(KUC only)	DHG1586
	10	Packing(SELM only)	DHG1587
NSP	11	Follow up card(KUC only)	DRY1032
NSP	12	Vinyl bag(KUC only)	DHL1011
	13	Spacer	DLA1637

(2) EXTERIOR SECTION

Mark	No.	Description	Parts No.
	1	Roller holder ass'y	DXB1516
	2	Door ass'y(KUC only)	DXA1714
	2	Door ass'y(SELM only)	DXA1715
NSP	3	Yoke(FE)	PNB1216
NSP	4	Clamp magnet	PMF1014
	5	Clamper holder	DNH1920
NSP	6	Clamper (under)	DNK1791
	7	Drive cam A ass'y	DXB1513
	8	Cam roller	DLA1629
	9	Door cushion A	DEC1777
	10	Door cushion B	DEC1778
	11	Door cushion C	DEC1779
	12	Shutter guide	DNK2940
	13	Play knob	DAC1809
	14	Cue knob	DAC1810
	15	Spring	DBH1253
	16	Net	DED1087
	17	Door holder	DNK2952
	18	Damper ass'y	REC1005
	19	Cushion C	DEC1781
	20	Cushion D	DEC1782
	21	Shutter stop rubber	DEB1275
	22	Slide knob	DNK2936
	23	Door cushion D	DEC1780
	24	Door stop rubber	DEB1274
	25	Control panel ass'y(KUC only)	DXA1725
	25	Control panel ass'y(SELM only)	DXA1727
	26	Jog dial	DNK2932
	27	Thrust stay	DNH1401
	28	Retainer	DNK1849
	29	Steel ball	VNX1006
	30	Thrust stay B	DNH1925
	31	Jog holder ass'y	DXA1693
	32	Smoother	DNK2933
	33	Spring J	DBH1252
	34	Encorder disc ass'y	DXB1160
	35	Lever spring	DBH1254
	36	Lever	DNK2937
	37	Hook drive lever	DNK2945
	38	Hook ass'y	DXB1509
	39	Switch holder A ass'y	DXB1510
	40	Knob A	DNK2931
	41	Loop knob	DNK2943
	42	Limiter	DNK2949
	43	Power knob	DNK2942
	44	TEMPO knob ass'y	DXA1680
	45	Eject knob ass'y	DXA1679
	46	VR packing	DEB1291
	47	VR plate	DNF1485
	48	Time mode knob	DNK2944
	49	VR spring	DBK1088
	50	Shutter	DNK2939
NSP	51	Encorder disc	DNH1248
	52	Lever switch	DSK1003
	53	Door spring	DBH1255
	54	Drive cam B ass'y	DXB1515
	55	Drive cam C	DNH1927
NSP	56	Photo interrupter ass'y	DWX1438
	57	Control ass'y	DWG1415
NSP	58	Power SW ass'y	DWS1213
NSP	59	Eject SW ass'y	DWS1214
	60	Slider ass'y	DXX2225
	61	Rubber spacer B	DEB1272
	62	Rubber cap	DEB1273
NSP	63	Knob base	DNK2950
NSP	64	TEMPO cap	DAC1799
NSP	65	Eject cap	DAC1798
	66	Float rubber B	DEB1270
	67	Knob spring	DBH1256
NSP	68	Mechanism ass'y	DXA1684
	69	40P F•F•C/60V	DDD1085
	70	Main unit(KUC only)	DWX1437
	70	Main unit(SELM only)	DWX1441
NSP	71	Audio out ass'y(KUC only)	DWX1439
NSP	71	Audio out ass'y(SELM only)	DWX1442
	72	Transformer ass'y(KUC only)	DWR1185
	72	Transformer ass'y(SELM only)	DWR1186
NSP	73	Transistor unit	DWX1484
	74	Plate	DNH1921
	75	Shield plate	DNH1917
⚠	76	Fuse(500mA)(KUC only)	VEK1009
⚠	76	Fuse(315mA)(SELM only)	REK-095
⚠	77	Power transformer(120V)(KUC only)	DTT1104
⚠	77	Power transformer(110, 120; 220-230, 240V)(SELM only)	DTT1105
⚠	78	Power cord with plug(KUC only)	DDG1063
⚠	78	Power cord with plug(SELM only)	PDG1003
	79	Damp cushion A	DEC1366
NSP	80	Cable clamper	REC1182

Mark	No.	Description	Parts No.
NSP	81	Rubber spacer	DEB1150
NSP	82	PCB support	VEC1508
	83	Cushion A	DEC1775
NSP	84	Holder	PNW2343
	85	Cushion B	DEC1776
NSP	86	Chassis	DNA1151
	87	PCB support	DEC1773
NSP	88	Cord clamper	Z06-060
	89	Rear panel(KUC only)	DNC1359
	89	Rear panel(SELM only)	DNC1360
	90	Rubber spacer C	DEB1276
	91	Rubber spacer A	DEB1271
	92	Float rubber B	DEB1270
	93	Cushion	DEB1279
	94	Insulator ass'y(B)	VXA1414
NSP	95	Insulator	VNK1353
NSP	96	Cushion	VEC1297
	97	Caution label(G)(SELM only)	VRW329
	98	Insulator ass'y	VXA1454
	99	SH screw	PBA1033
	100	Washer	WA26D047D025
	101	E ring	YE12FUC
	102	E ring	YE15FUC
	103	E ring	YE20FUC
	104	E ring	YE30FUC
	105	Screw	AMZ30P040FMC
	106	Screw	BPZ20P080FZK
	107	Screw	BPZ26P050FMC
	108	Screw	BPZ26P060FNI
	109	Screw	BPZ26P060FZK
	110	Screw	BPZ26P080FZK
	111	Screw	BPZ30P080FMC
	112	Screw	IPZ26P060FMC
	113	Screw	ZMD26H030FBT
	114	Screw	BBZ30P060FMC
	115	Screw	BBZ30P080FZK
	116	Screw	BBZ30P160FZK
	117	Caution label (F) (SELM only)	VRW-328
	118	Caution label (HE) (SELM only)	PRW1233
	119	Caution label (SELM only)	VRW1094
	120	Caution label (SELM only)	DRW1603
	121	Line voltage selector(SELM only)	RSB1009
	122	Conector (2P)	DDE1082
	123	Strain relief(KUC only)	VEC-201
	123	Strain relief(SELM only)	CM-22B
	124	Screw	DBA1079
	125	Screw cap	DNK2959
	126	Door plate	DAP1045
	127	Door reinforcement plate	DNH1946
	128	65 label(KUC only)	ORW1069
	129	Panel	DAH1750
	130	Slide sheet	DAH1751
	131	Ring	YS40FBT
	132	Sheet A	DEC1801
	133	Sheet B	DEC1802
	134	Sheet C	DEC1803
	135	Screw	CPZ26P060FZK
	136	Screw	BBZ30P180FMC
	137	Screw	BMZ40P060FMC
	138	Door ass'y-S(KUC only)	DXX2203
	138	Door ass'y-S(SELM only)	DXX2204
	139	Stoper ring	YS20FBT
NSP	140	J bush	DLA1624
	141	Washer	WA52D080D025
	142	Washer	WA42D080D025
NSP	145	Cushion	VEC1224

(3) MECHANISM ASS'Y

Mark	No.	Description	Parts No.
NSP	1	Servo mechanism ass'y	DXA1685
	2	Binder	Z09-056
	3	Float rubber	PEB1132
	4	Float base(ABS)	PNW2032
	5	Clamp cam(ABS)	DNK3029
	6	Rubber belt	PEB1193
	7	Gear pulley(POM)	PNW2034
	8	Drive gear 2(PON)	PNW2369
	9	Release plate spring	DBH1257
	10	Release lever	DNK2938
	11	Release lever spring	DBH1258
	12	Switch holder B ass'y	DXB1526
	13	Connector ass'Y(2p)	DDE1082
	14	Push switch	DSG1013
	15	Loading base(ABS)	DNK3030
	16	Lever switch	DSK1003
	17	Motor pulley	PNW1634
	18	DC motor/0.75W	PXM1010
	19	Pickup ass'y-S	DXX2185
	20	Disc table(PC)	PNW1608
	21	Gear 3	PNW2054
	22	Gear 2	PNW2053
NSP	23	Earth lead unit	PDF1074
	24	Carriage base	PNW2445
	25	Guide bar	PLA1094
	26	DC motor ass'y(SPINDLE)	DXM1063
	27	Gear 1	PNW2052
	28	Pinion gear	PNW2055
NSP	29	DC motor(CARRIAGE)	PXM1027
	30	DC motor ass'y	PEA1246
NSP	31	Gear stopper	PNB1303
NSP	32	CDG mecha PCB unit	DWX1436
	33	PWB holder	PNW2057
	34	Washer	WT16D032D025
	35	Washer	WT12D032D025
	36	Screw	PBA1048
	37	Screw	Z39-019
	38	Screw	PMZ26P040FMC
	39	Screw	BMZ20P060FMC
	40	Screw	BPZ26P080FMC
	41	Screw	JFZ17P025FZK
	42	Screw	JFZ20P030FNI
	43	Screw	BBZ26P060FMC
	44	Screw	BPZ20P060FMC
	45	Screw	BPZ26P100FMC
	46	Connector ass'y(4P)	DEE1083
	47	Connector ass'y(4P)	DKP2863
	48	Connector ass'y(11P)	DKP2861
	49	Release plate	DXB1511
	50	Washer	VEC1254
	51	Flexible guide	DNK2946

NOTE 1. Regular inspection / Cleaning

When performing regular inspections, pay particularly careful attention to the parts with the part No. in ☐ in the parts list.

NOTE 2. Inspection / Cleaning

- The sliding sections of the drive cam B and the drive cam C (Cleaning / Application of grease)
- The lens in the PU section (Cleaning)

1.10 PCB 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.*
- *Parts marked by "●" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.*
- *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%).

560Ω → 56 × 10¹ → 561 ..... RD1/8PM 5 6 1 J
47kΩ → 47 × 10³ → 473 ..... RD1/4PS 4 7 3 J
0.5Ω → 0R5 ..... RN2H 0 R 5 K
1Ω → 010 ..... RS1P 0 1 0 K

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

5.62kΩ → 562 × 10¹ → 5621 ..... RN1/4PC 5 6 2 1 F

Mark	No.	Description	Parts No.
LIST OF ASSEMBLES			
NSP		MOTHER BOARD ASS'Y(KUC TYPE)	DWM1390
NSP		MOTHER BOARD ASS'Y(SELM TYPE)	DWM1419
		├ TRANSFORMER ASS'Y(KUC TYPE)	DWR1185
		├ TRANSFORMER ASS'Y(SELM TYPE)	DWR1186
		├ MAIN UNIT(KUC TYPE)	DWX1437
		├ MAIN UNIT(SELM TYPE)	DWX1441
		├ AUDIO OUT ASS'Y(KUC TYPE)	DWX1439
		├ AUDIO OUT ASS'Y(SELM TYPE)	DWX1442
NSP		└ TRANSISTOR UNIT	DWX1484
NSP		SUB BOARD ASS'Y	DWX1397
		├ CONTROL ASS'Y	DWG1415
NSP		├ POWER SW ASS'Y	DWS1213
NSP		├ EJECT SW ASS'Y	DWS1214
NSP		├ PHOTO INTERRUPTER ASS'Y	DWX1438
		└ SLIDER ASS'Y	DXX2225
NSP		MECHANISM ASS'Y	DXA1684
NSP		└ CDG MECHA PCB UNIT	DWX1436
CONTROL ASS'Y			
SEMICONDUCTORS			
		IC709	NJM79L06A
		IC702	NM93C46N
		IC701	PD4543A
		Q701-Q703, Q708	2SA933S
		Q704-Q707	2SC1740S
		D708-D713, D716-D723	1SS254
		D705, D706	GL3HY43
		D701, D702	GL5EG8
		D703, D704	GL5HY8
SWITCHES AND RELAYS			
		S709	DSG1016
		S704, S707	DSG1046
		S701, S708	PSG1006
		S702, S703, S705, S706	RSG-143

Mark	No.	Description	Parts No.
CAPACITORS			
		C701	CEAS101M10
		C704, C705, C707, C708, C710-C713	CKCYF103Z50
		C706, C709	CKCYF473Z50
RESISTORS			
		R719	RA4T473J
		R720	RA6T223J
		Other Resistors	RD1/6PM□□□J
OTHERS			
	CN603	CONNECTOR(40P)	HLEM40R
	CN606	CONNECTOR(2P)	2-173979-2
	J652	CONNECTOR ASSEMBLY	PDE1170
	V701	FL INDICATOR TUBE	DEL1021
	X701	CERAMIC RESONATOR	VSS1014
TRANSFORMER ASS'Y			
SEMICONDUCTORS			
⚠	IC102		ICP-N15
⚠	IC101		ICP-N25
⚠	IC20		M5290P
⚠	Q2		2SD1913
	Q3		2SD2144S
⚠	D52		11ES2
	D54		MTZJ22A
⚠	D11-D14		RB100A
COILS AND FILTERS			
⚠	L1	FILTER	VTL-004
CAPACITORS			
		C31, C60	CEAS010M50
		C61	CEAS100M50
		C52(KUC only)	CEAS221M50
		C52(100/100)(SELM only)	DCH1070
		C53	CEAS470M50
		C27, C28	CEAS471M10
		C26(10000/16)	VCH1054
		C11, C13, C15, C16(KUC only)	CKCYF103Z50
		C11, C13-C17(SELM only)	CKCYF473Z50
		C29, C30	CKCYF103Z50
⚠	C1, C2	(10000/400)(KUC only)	RCG-009
⚠	C1, C2	(0.01/400)(SELM only)	VCG-048
	C25	(18000/16)	DCH1069

Mark	No.	Description	Parts No.
RESISTORS			
⚠	R1(KUC only)		RD1/2PM225J
	R11, R12		RD1/4PM472J
	Other Resistors		RD1/6PM□□□J
OTHERS			
	J2	PARALLEL CORD	DSWW0315E
⚠		TERMINAL	RKC-061
		EARTH PLATE	VNF-091
POWER SW ASS'Y			
SEMICONDUCTORS			
	Q651		2SB1185-F8
	D651		MTZJ33B
SWITCHES AND RELAYS			
	S650		PSG1007
CAPACITORS			
	C652		CEAS220M50
RESISTORS			
	All Resistors		RD1/6PM□□□J
EJECT SW ASS'Y			
SEMICONDUCTORS			
	D601		GL5HY8
SWITCHES AND RELAYS			
	S610, S611		PSG1006
RESISTORS			
	All Resistors		RD1/6PM□□□J
CDG MECHA PCB UNIT			
SWITCHES AND RELAYS			
	S610		DSG1016
OTHERS			
	CN610	CONNECTOR(4P)	VKN1061
		PC BOARD	DNP1575
MAIN UNIT			
SEMICONDUCTORS			
	IC151		CXA1372Q
	IC301		CXD2500BQ
	IC202, IC203		LA6517
	IC207		LB1687
	IC501(KUC only)		LC7870NE
	IC502(KUC only)		MB81464-12P
	IC503(KUC only)		MM1031XS
	IC303, IC304		MS514256A-80ZC
	IC204		NJM2902N
	IC201, IC405		NJM4558DX
	IC406(KUC only)		NJM4558DX
	IC402		PCM1700P-L
	IC401		SM5841CP
	IC381		SN74LS624N
	IC382		TC74HCT04AF
	IC302		UPD6383GF
	IC206		XRU4053B
	Q403, Q404, Q433, Q434		2SD2144S
	Q406		XDA124ES
	Q405		XDC124ES
	D453, D454(KUC only)		1SS254
COILS AND FILTERS			
	L301, L331, L401, L601, L602		LAU010J
	L339(SELM only)		LFA010K
	L604, L605(SELM only)		VTH1024
CAPACITORS			
	C506, C507(KUC only)		CCCCH050C50
	C310, C311, C331, C332		CCCCH150J50
	C383		CCCCH220J50
	C509(KUC only)		CEAS010M50
	C151-C153, C401		CEAS101M10
	C501-C503(KUC only)		CEAS101M10
	C81, C82		CEAS101M10
	C83, C84		CEAS101M25
	C433, C434		CEAS220M25
	C216, C217, C303, C330, C336		CEAS330M16
	C338, C339, C381, C382, C334		CEAS330M16
	C385, C386, C411, C412		CEAS330M16
	C508(KUC only)		CEAS330M16
	C249		CEAS330M25
	C415, C416		CEAS3R3M50
	C242, C243, C413, C414		CEAS470M50
	C512(KUC only)		CEAS471M10
	C302		CEAS471M6R3
	C160, C162		CEAS4R7M50
	C309		CEASR47M50
	C161		CFTXA104J50
	C157, C164, C169, C308		CGCYX103K25
	C158, C159, C163, C230-C232		CGCYX104K25
	C236, C241, C246-C248, C301		CGCYX104K25
	C337		CGCYX104K25
	C504, C505(KUC only)		CGCYX104K25
	C156, C168		CGCYX333K25
	C307		CGCYX473K25
	C306, C417, C418		CKCYB152K50
	C155		CKCYB182K50
	C170		CKCYB332K50
	C171, C172		CKCYB472K50
	C384(KUC only)		CKCYF103Z50
	C384(SELM only)		CEAS101M10
	C167, C204, C205, C207		CKCYF103Z50
	C234, C235, C237-C240, C329		CKCYF103Z50
	C333, C335, C402, C403		CKCYF103Z50
	C510, C513(KUC only)		CKCYF103Z50
	C321(SELM only)		CKCYF473Z50
	C429, C430		CQMA152J50
	C461(KUC only)		CQMA393J50
	VC501(20pF)(KUC only)		DCM1005
RESISTORS			
	R249		RD1/2PMFR47J
	R238, R239, R244, R245		RN1/6PQ1002F
	VR151, VR152(22k)		RCP1046
	VR401, VR402(100k)		RCP1048
	Other Resistors		RD1/6PM□□□J
OTHERS			
	CN11	JUMPER CONNECTOR(13P)	52147-1310
	CN101	CONNECTOR(12P)	12FMZ-ABT
	CN201	CONNECTOR(6P)	RKP-533
	CN205	CONNECTOR(2P)	2-173981-2
	CN351	CONNCETOR(40P)	HLEM40S

Mark	No.	Description	Parts No.
	CN402	CONNECTOR(9P)(KUC only)	KPC9
		CONNECTOR(5P)(SELM only)	KPC5
		EARTH PLATE	VNF-091
	X301	XTAL RESONATOR	PSS1008
	X302	CERAMIC RESONATOR	DSS1054
	X501	CRYSTAL RESONATOR (KUC only)	VSS1026
		PCB BINDER	VEF1008

PHOTO INTERRUPTER ASS'Y

SEMICONDUCTORS

	IC682	GP1A30R

CAPACITORS

	C651	CKCYF223Z50

RESISTORS

	All Resistors	RD1/6PM□□□J

AUDIO OUT ASS'Y

CAPACITORS

	C804, C810(KUC only)	CKCYF103Z50
	C805, C808	CKCYF103Z50
	C809	CKCYF473Z50
	C801, C802	CQMA152J50
	C803(KUC only)	CQMA471J50
	C815(SELM only)	CKCYB102K50

RESISTORS

	All Resistors	RD1/6PM□□□J

OTHERS

	JA801 JACK	PKB1009
	JA802 JACK(KUC only)	VKB1029
	JA803 JACK	RKN1004
	EARTH PLATE	VNF-091

TRANSISTOR UNIT

SEMICONDUCTORS

⚠	Q1	2SB1274

CAPACITORS

	C54	CKCYF473Z50