

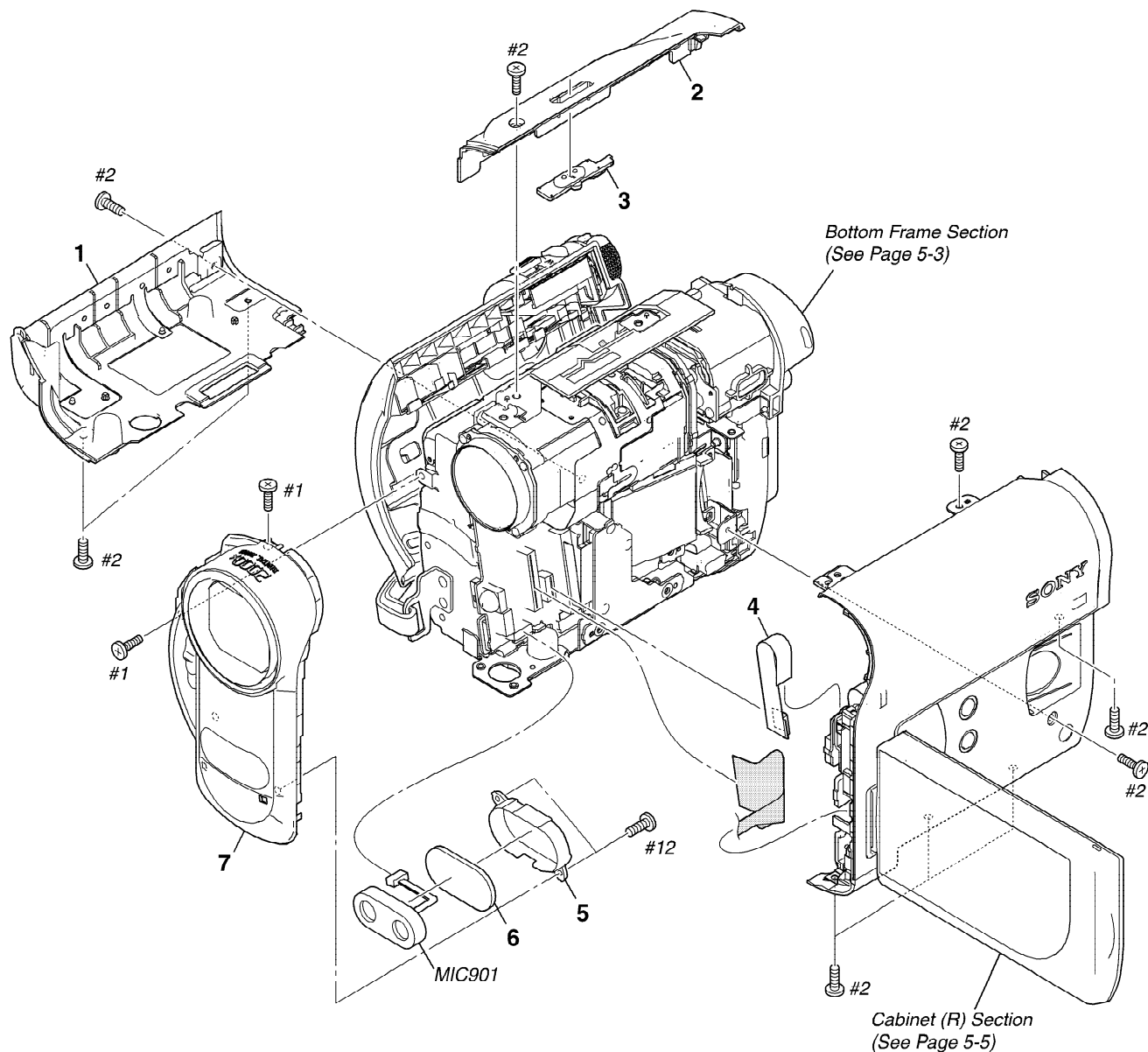
5. REPAIR PARTS LIST

DISASSEMBLY

HARDWARE LIST

5-1. EXPLODED VIEWS

5-1-1. OVERALL SECTION



Ref. No.	Part No.	Description
1	X-2176-373-1	CABINET (L (215)) ASSY
2	2-899-773-01	CABINET (UPPER)
3	2-899-772-01	KNOB (215), NS
4	1-833-206-11	CABLE, FLEXIBLE FLAT (FFC-085)
5	2-899-716-01	RETAINER, MICROPHONE
6	2-899-717-01	CUSHION, MICROPHONE

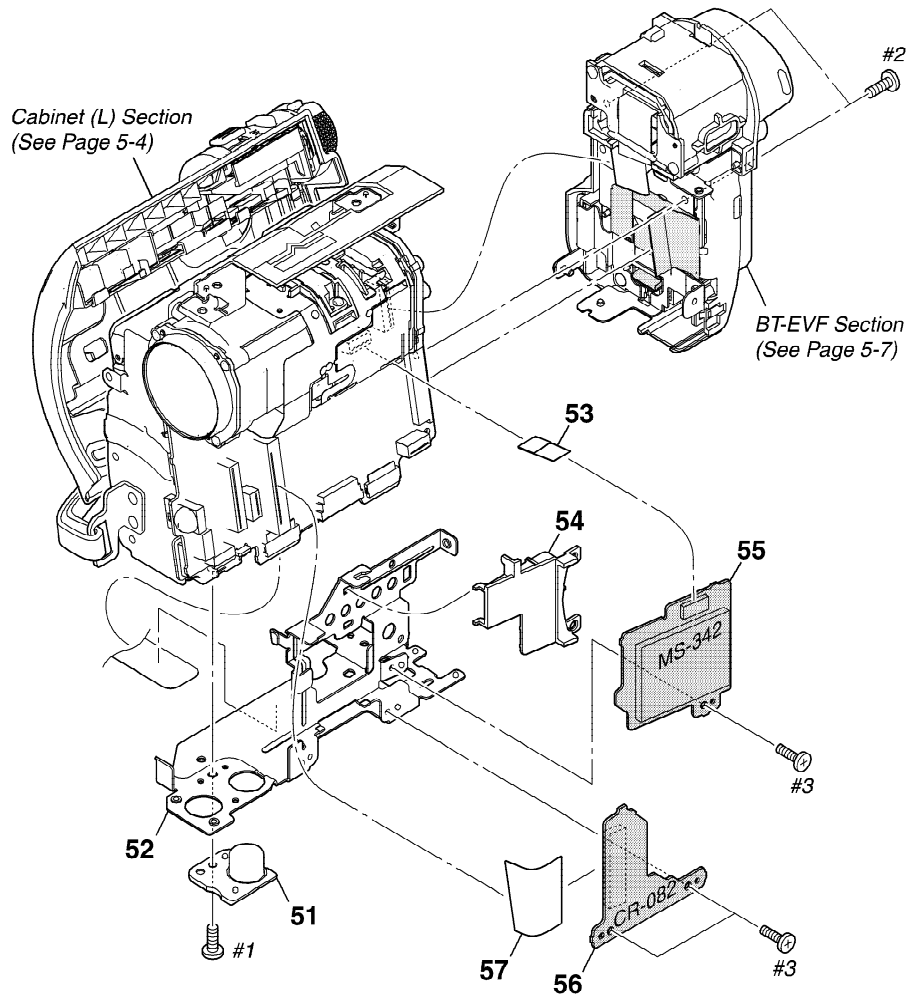
Ref. No.	Part No.	Description
7	X-2176-364-1	PANEL (215) ASSY, F (EXCEPT J)
7	X-2176-365-1	PANEL (215J) ASSY, F (J)
MIC901	1-542-712-11	MICROPHONE UNIT
#1	2-635-562-11	SCREW (M1.7) (Black)
#2	2-635-562-31	SCREW (M1.7) (Black)
#12	3-080-204-21	SCREW, TAPPING, P2 (Black)

5. REPAIR PARTS LIST

DISASSEMBLY

HARDWARE LIST

5-1-2. BOTTOM FRAME SECTION



Ref. No.	Part No.	Description
51	2-899-769-01	SCREW, TRIPOD
* 52	2-899-767-01	FRAME, BOTTOM
53	1-833-207-11	CABLE, FLEXIBLE FLAT (FFC-086)
54	2-899-768-01	CABINET, MS
55	A-1212-565-A	MS-342 BOARD, COMPLETE

Ref. No.	Part No.	Description
56	A-1212-567-A	CR-082 BOARD, COMPLETE
57	1-833-210-11	CABLE, FLEXIBLE FLAT (FFC-089)
#1	2-635-562-11	SCREW (M1.7) (Black)
#2	2-635-562-31	SCREW (M1.7) (Black)
#3	2-660-401-01	SCREW (M1.7), NEW TRU-STAR, P2 (Red)

5. REPAIR PARTS LIST

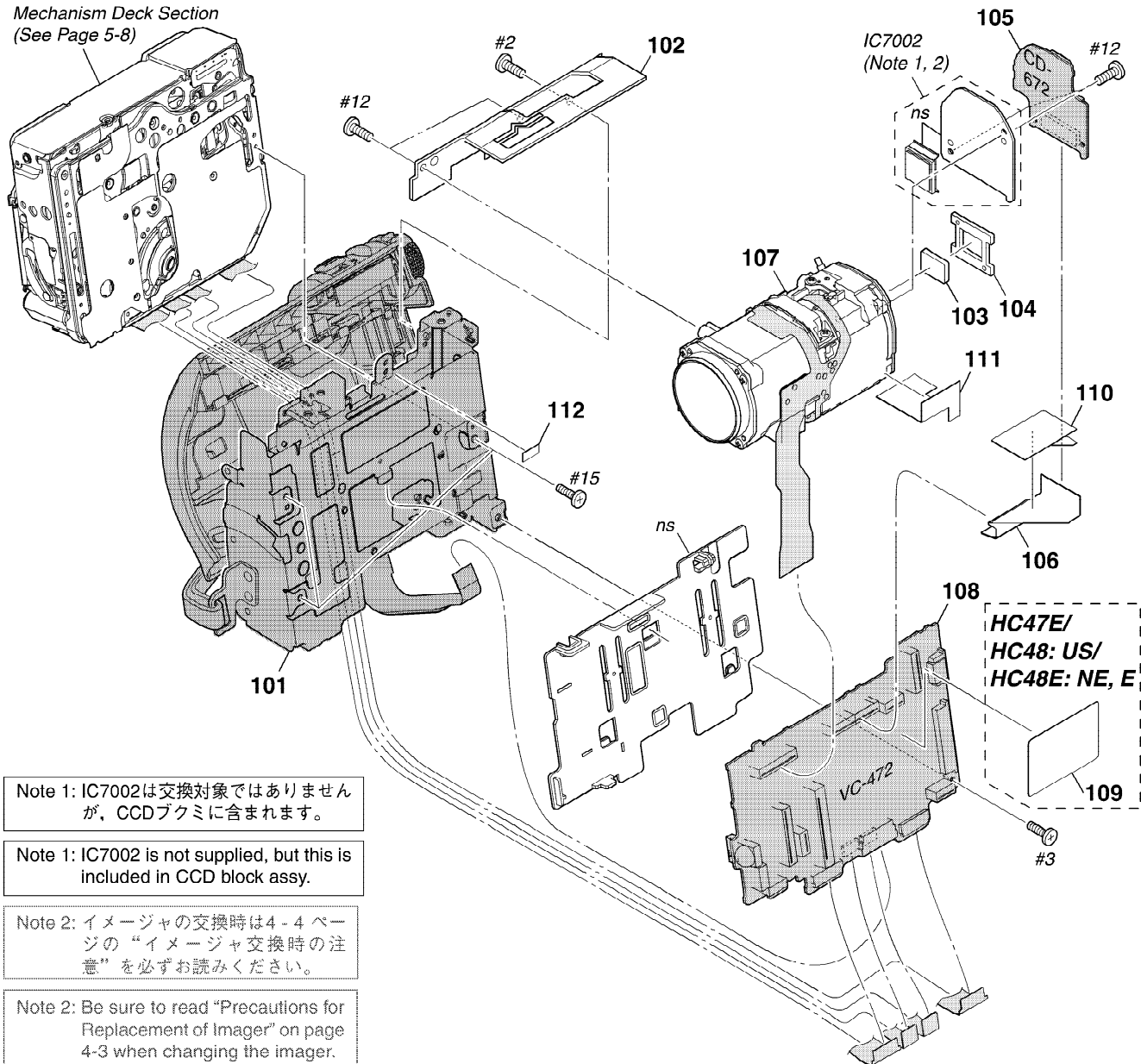
DISASSEMBLY

HARDWARE LIST

5-1-3. CABINET (L) SECTION

ns: not supplied

Mechanism Deck Section
(See Page 5-8)



Note 1: IC7002は交換対象ではありませんが、CCDブロックに含まれます。

Note 1: IC7002 is not supplied, but this is included in CCD block assy.

Note 2: イメージャの交換時は4-4ページの“イメージャ交換時の注意”を必ずお読みください。

Note 2: Be sure to read “Precautions for Replacement of Imager” on page 4-3 when changing the imager.

Ref. No.	Part No.	Description
101	1-479-928-21	KEY BLOCK, CONTROL (SS21200) (EXCEPT J)
101	1-479-928-31	KEY BLOCK, CONTROL (SS21200) (J)
102	2-899-770-01	PLATE, NS CLICK
103	1-788-523-11	OPTICAL FILTER BLOCK (OFB-06-11)
104	3-088-645-01	RUBBER (Z), SEAL
105	A-1212-400-A	CD-672 BOARD, COMPLETE
106	1-833-676-11	CABLE, FLEXIBLE FLAT (FFC-004)
107	A-1248-849-A	LENS (BLOCK ASSY 1180 (J1))
108	A-1212-718-A	VC-472 BOARD, COMPLETE (HC48)
108	A-1212-719-A	VC-472 BOARD, COMPLETE (HC47E/HC48E)
109	2-659-500-01	LABEL, FUSE REPLACEMENT CAUTION (HC47E/HC48: US/HC48E: NE, E)

Ref. No.	Part No.	Description
* 110	3-095-468-01	SHEET (CD (215)), COPY
* 111	3-095-521-01	SHEET/GUARD
112	2-899-740-01	CUSHION, ELECTROSTATIC
IC7002	A-1216-665-A	CCD BLOCK ASSY (1M) (CCD IMAGER) (Note1, 2)
#2	2-635-562-31	SCREW (M1.7) (Black)
#3	2-660-401-01	SCREW (M1.7), NEW TRU-STAR, P2 (Red)
#12	3-080-204-21	SCREW, TAPPING, P2 (Black)
#15	3-062-214-01	SCREW (M1.4X1.5) (Silver)

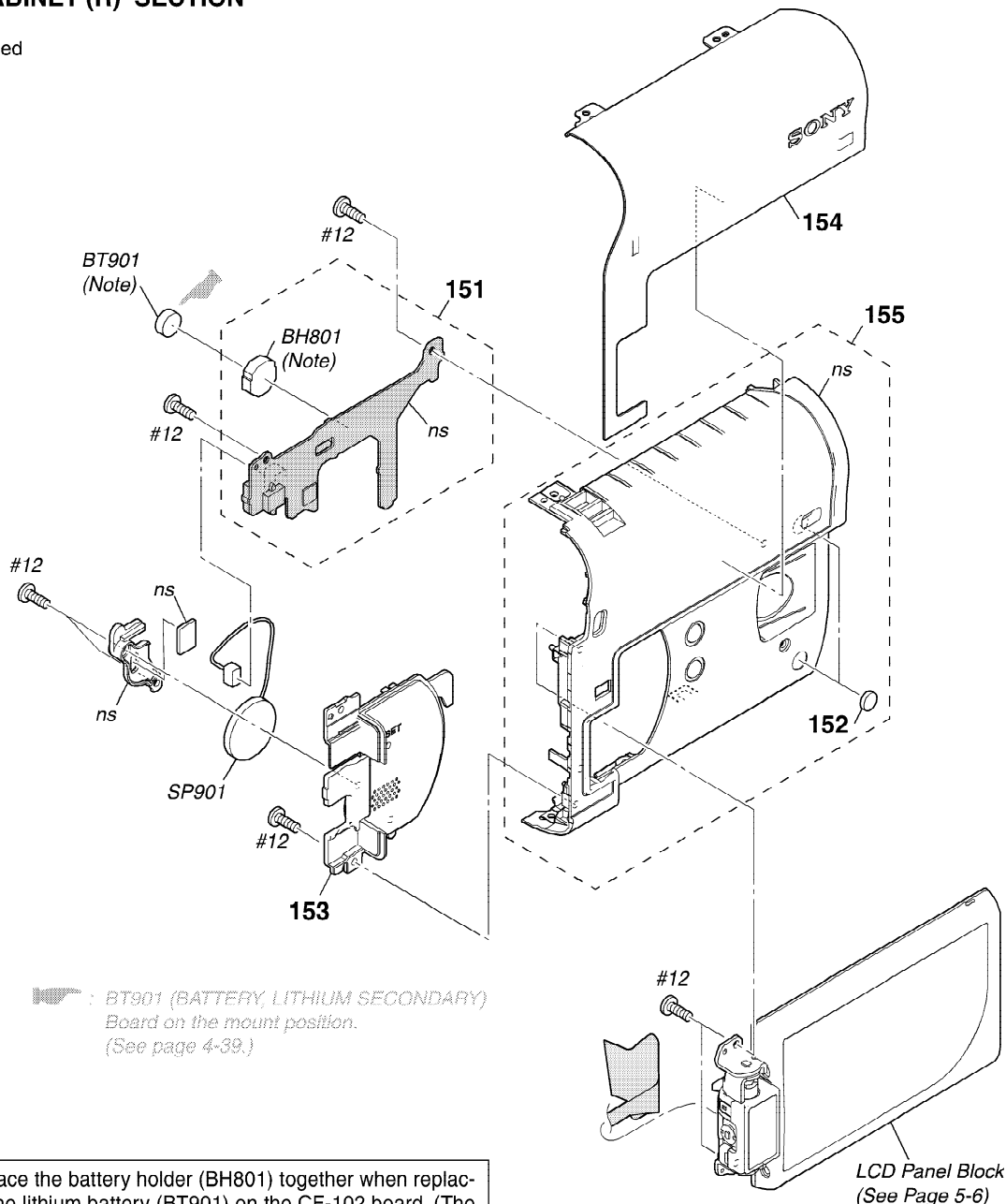
5. REPAIR PARTS LIST

DISASSEMBLY

HARDWARE LIST

5-1-4. CABINET (R) SECTION

ns: not supplied



Note: Replace the battery holder (BH801) together when replacing the lithium battery (BT901) on the CF-102 board. (The battery holder removed once cannot be used again.)
When mounting these parts, mount new battery holder first and attach new lithium battery next.

Note: CF-102基板のリチウム電池(BT901)を交換する場合はバッテリーホルダ(BH801)も同時に新品に交換して下さい。(一度使用したバッテリーホルダは再使用できません。)
部品取り付けの際は、先にバッテリーホルダを取り付けてからリチウム電池を装着して下さい。

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.

注意

電池の交換は、正しく行わないと破裂する恐れがあります。電池を交換する場合には必ず同じ型名の電池又は同等品と交換してください。

• Refer to page 5-1 for mark △.

Ref. No.	Part No.	Description
151	A-1212-683-A	CF-102 BOARD, COMPLETE
152	3-089-565-01	CUSHION (R), PANEL
153	X-2176-367-1	BLIND ASSY, HINGE
154	2-899-759-11	PLATE, R ORNAMENTAL
155	X-2176-369-1	CABINET (R (215J)) ASSY (EXCEPT J)

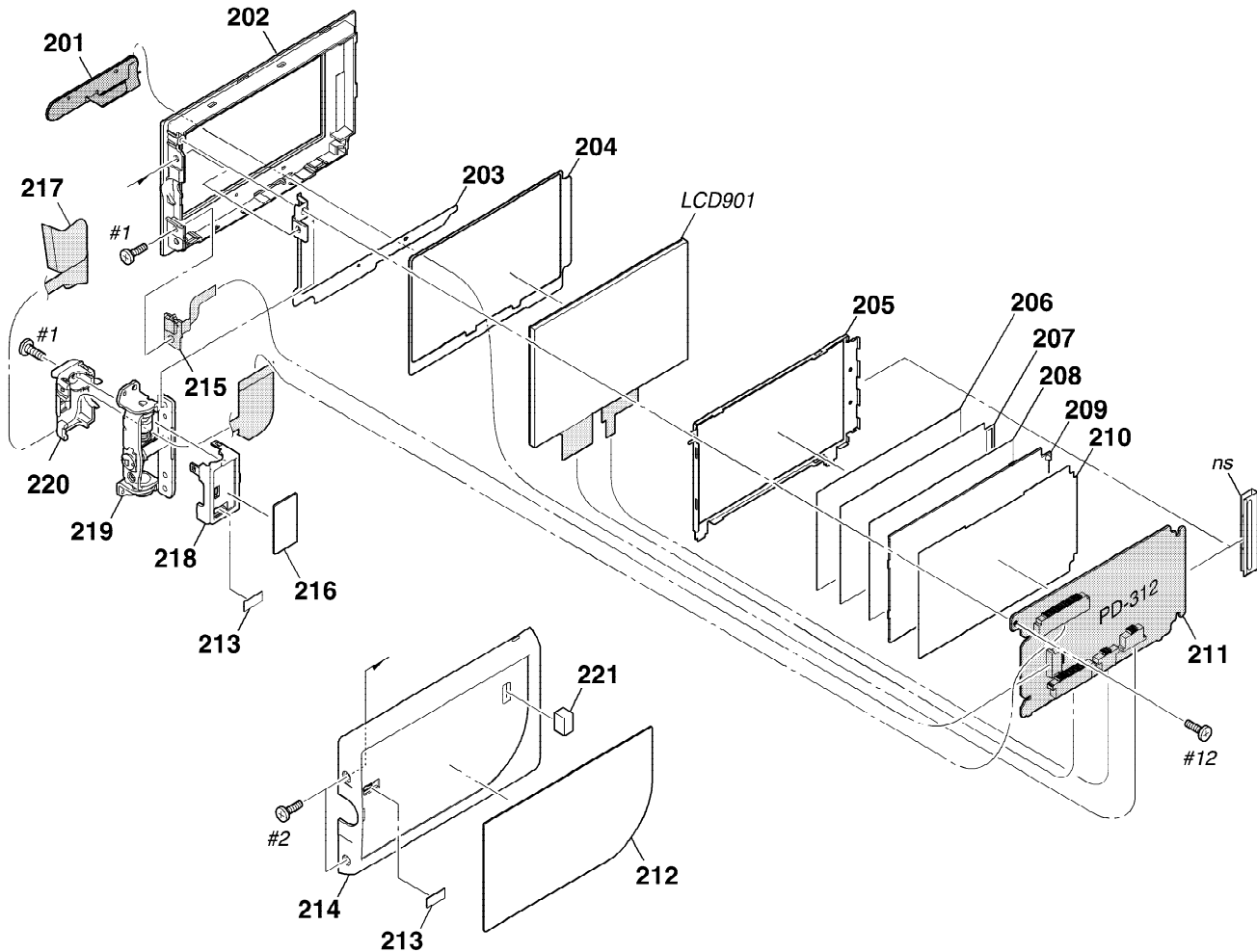
Ref. No.	Part No.	Description
155	X-2176-370-1	CABINET (R (215J)) ASSY (J)
△BH801	1-756-615-41	HOLDER, BATTERY (Note)
△BT901	1-756-134-12	BATTERY, STORAGE, LITHIUM (Note)
SP901	1-825-260-23	LOUD SPEAKER (1.6CM)
#12	3-080-204-21	SCREW, TAPPING, P2 (Black)

5. REPAIR PARTS LIST

HARDWARE LIST

5-1-5. LCD PANEL BLOCK

ns: not supplied



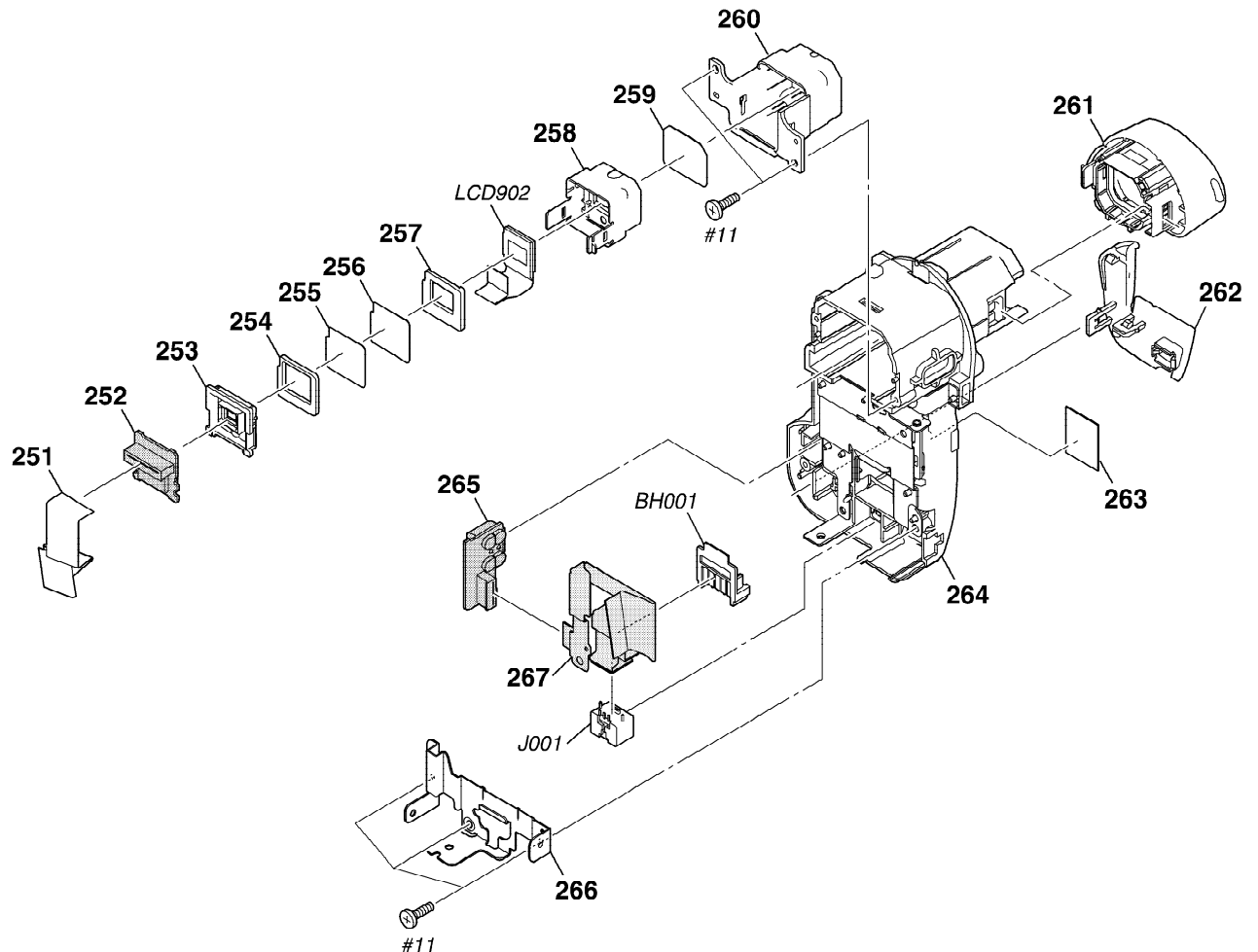
Ref. No.	Part No.	Description
201	1-478-984-11	KEY BLOCK, CONTROL (SB10600)
202	2-899-743-01	CABINET (M (215)), P (EXCEPT J)
202	2-899-743-11	CABINET (M (215)), P (J)
* 203	2-899-745-01	PLATE (215), LCD GROUND
* 204	2-899-747-01	CUSHION (2.7), TP
205	2-694-516-01	FRONT FRAME (2.7)
206	2-694-512-01	PRISM SHEET V (2.7)
207	2-694-513-01	PRISM SHEET H (2.7)
208	2-694-514-01	DIFFUSION SHEET (2.7)
209	2-666-801-11	LIGHT GUIDE (2.7)
210	2-694-515-01	REFLECTION SHEET (2.7)
211	A-1212-630-A	PD-312 BOARD, COMPLETE
212	2-899-738-11	PLATE, PANEL ORNAMENT (HC48/HC48E)
212	2-899-738-41	PLATE, PANEL ORNAMENT (HC47E)

Ref. No.	Part No.	Description
213	2-899-740-01	CUSHION, ELECTROSTATIC
214	2-899-735-01	CABINET (C), P
215	A-1153-842-A	FP-386 FLEXIBLE BOARD, COMPLETE
216	2-899-739-11	PLATE, HINGE ORNAMENTAL
217	1-871-484-11	FP-625 FLEXIBLE BOARD
218	2-899-736-01	COVER (C), HINGE
219	X-2149-207-1	HINGE ASSY (M), PANEL
220	2-899-737-01	COVER (M), HINGE
* 221	3-096-097-01	CUSHION (P), EMC
LCD901	A-1202-057-A	TP BLOCK ASSY (27TSTN107)
#1	2-635-562-11	SCREW (M1.7) (Black)
#2	2-635-562-31	SCREW (M1.7) (Black)
#12	3-080-204-21	SCREW, TAPPING, P2 (Black)

5. REPAIR PARTS LIST

HARDWARE LIST

5-1-6. BT-EVF SECTION



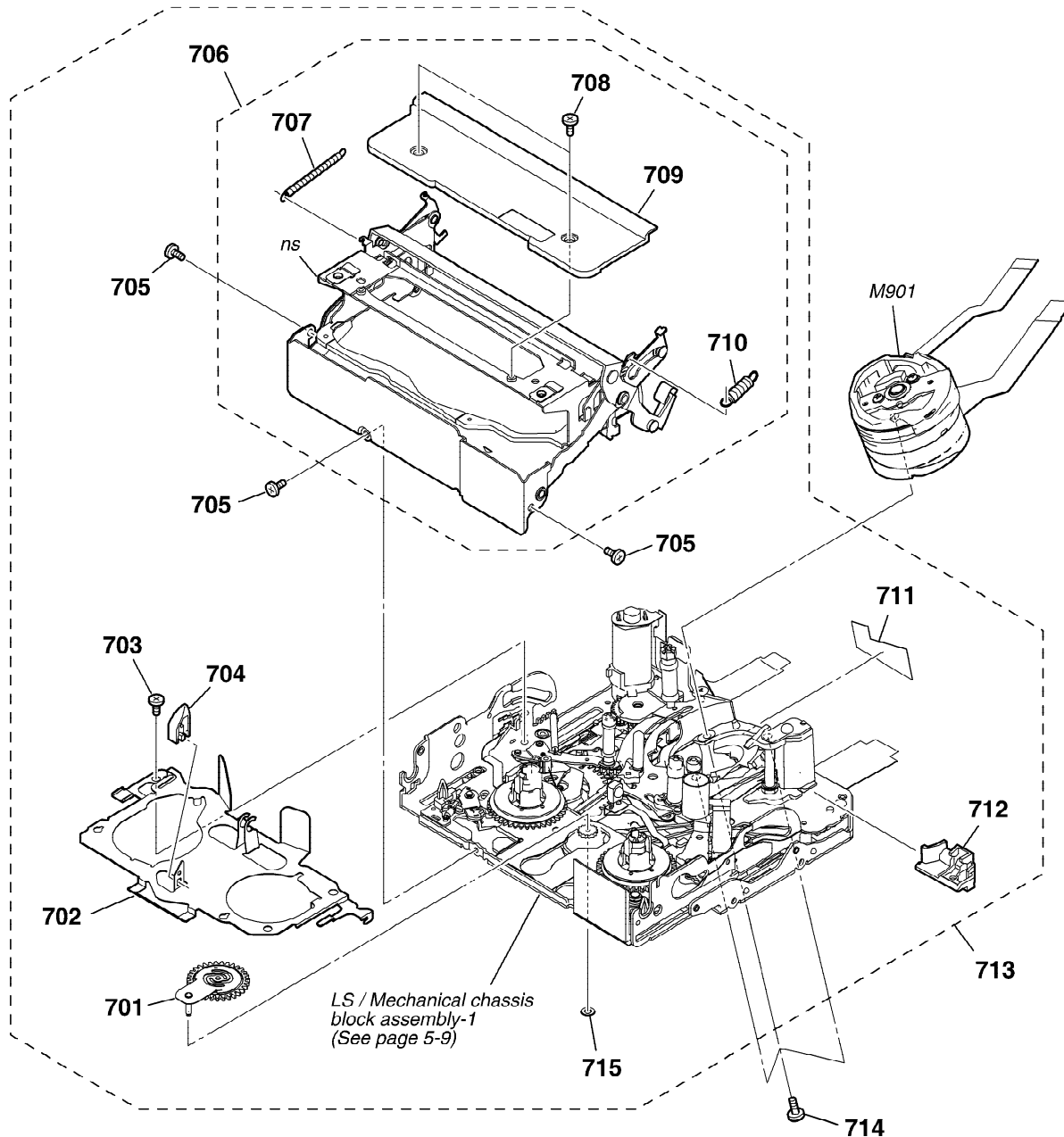
Ref. No.	Part No.	Description
* 251	1-833-205-11	CABLE, FLEXIBLE FLAT (FFC-084)
252	A-1212-408-A	LB-132 BOARD, COMPLETE
253	2-664-672-01	GUIDE, LAMP
* 254	2-638-819-01	CUSHION, LCD
* 255	2-638-818-01	ILLUMINATOR
* 256	2-638-816-01	PLATE (TFT), DEFLECTION
257	2-664-671-01	SPACER, LCD
258	2-899-659-01	CAP (215), INNER
259	2-899-660-01	PANEL (CF), POLARIZATION
260	2-899-657-01	CABINET, INNER
261	X-2176-362-1	EYE CUP (215) ASSY

Ref. No.	Part No.	Description
262	2-899-886-01	COVER, DC-AV
263	2-899-887-01	LID, CPC
264	X-2176-359-1	BT-VF (215) ASSY
265	A-1212-459-A	AV-112 BOARD, COMPLETE
266	2-899-661-01	FRAME, TERMINAL FIXED
* 267	1-871-485-11	FP-626 FLEXIBLE BOARD
BH001	1-780-064-21	BATTERY TERMINAL BOARD
J001	1-815-792-11	CONNECTOR, DC-IN (7.2V)
LCD902	8-753-241-14	LCX076AKE-1
#11	3-078-890-11	SCREW, TAPPING (Silver)

5. REPAIR PARTS LIST

5-1-7. MECHANISM DECK SECTION

ns: not supplied



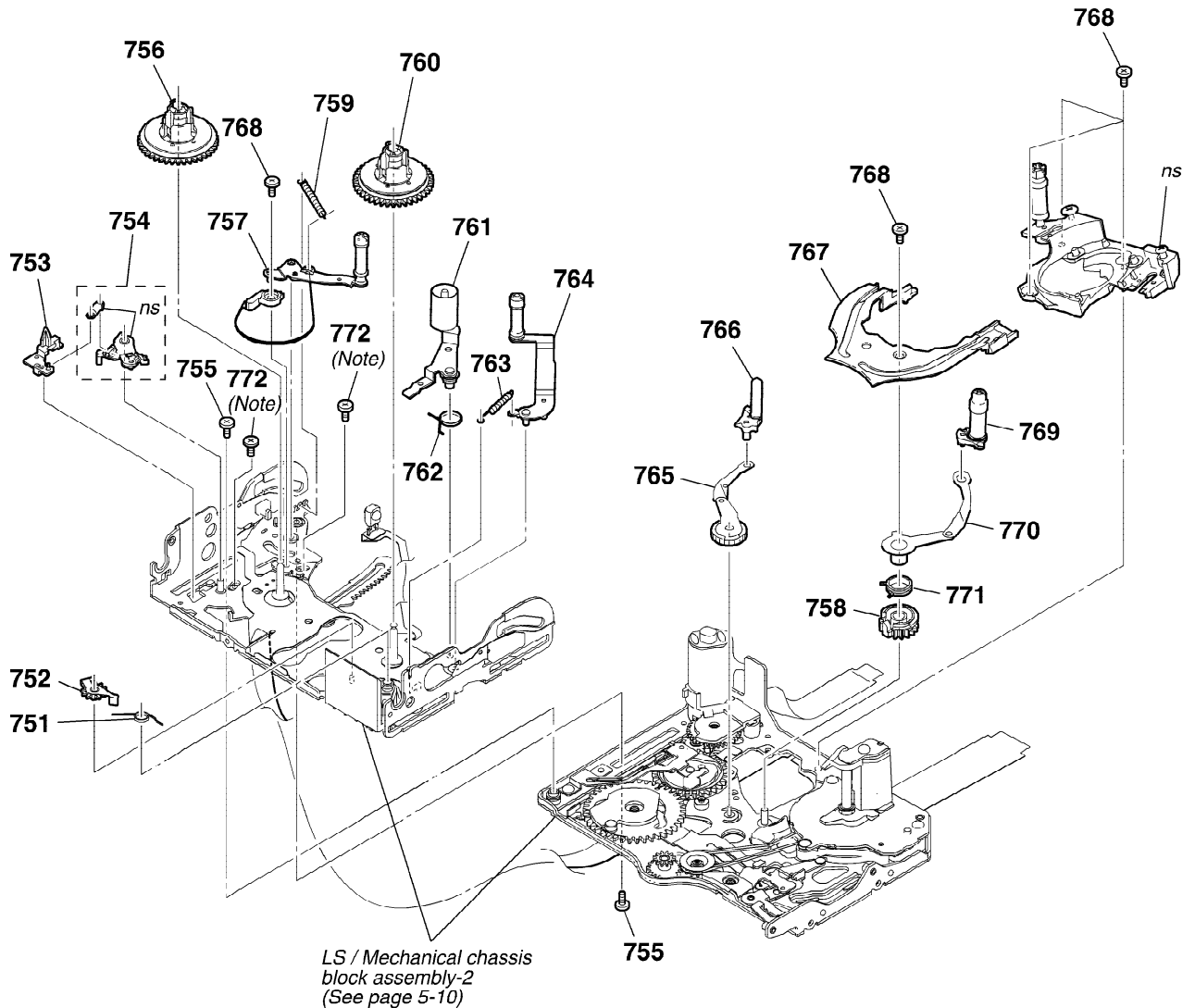
Ref. No.	Part No.	Description
701	X-2024-478-1	PENDULUM ASSY
702	2-342-917-02	LED BASE
703	7-627-850-77	SCREW, PRECISION +P 1.4X1.8
704	3-079-366-11	RELEASE, REEL LOCK
705	3-703-816-08	SCREW (M1.4X1.4), SPECIAL HEAD
706	X-2149-724-1	COMPARTMENT ASSY, CASSETTE
707	2-342-926-01	SPRING (ARM S), TENSION COIL
708	2-546-417-01	SCREW (1.4X1.0), POWER LOCK
709	2-342-933-02	PLATE, TOP

Ref. No.	Part No.	Description
710	2-342-927-01	SPRING (ARM T), TENSION COIL
711	2-541-585-01	SHEET, FLEXIBLE ADHESIVE
712	2-342-918-01	TG6 CATCHER
713	A-1080-997-A	MD (N100) SUB ASSY A
714	3-703-816-13	SCREW (M1.4X2.0), SPECIAL HEAD
715	3-315-414-31	WASHER
M901	A-1154-545-A	DRUM (DEH-33E-R)

5. REPAIR PARTS LIST

5-1-8. LS/MECHANICAL CHASSIS BLOCK ASSEMBLY-1

ns: not supplied



Note: These two screws are the fixing screws of the LS cam plate.
These two fixing screws are used for adjusting the LS cam plate position.
(refer to 4-2. LS cam adjustment of DV mechanical adjustment manual IX)

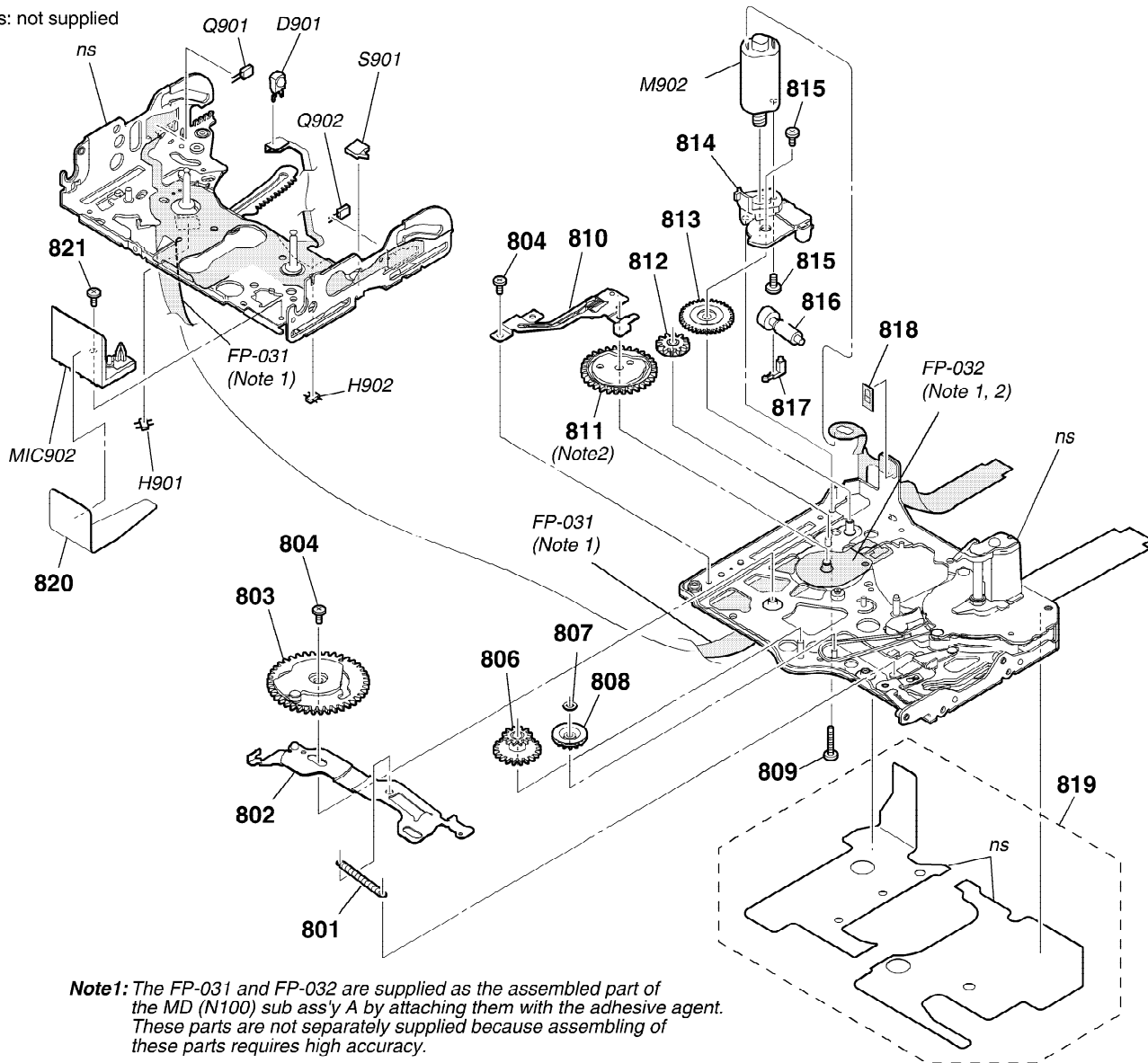
Ref. No.	Part No.	Description
751	2-342-759-01	SPRING, RVS BRAKE
752	A-1083-005-A	BLOCK ASSY, RVS BRAKE
753	2-342-731-01	POSITIONING, S
754	A-1083-006-A	BLOCK ASSY, S BRAKE
755	3-075-097-11	SCREW (M1.4X1.4), SPECIAL HEAD
756	X-2024-473-1	TABLE ASSY, S REEL
757	A-1083-007-B	BLOCK ASSY, TENSION REGULATOR
758	2-342-705-01	GEAR (T), GL
759	2-342-902-01	SPRING, TENSION REGULATOR
760	X-2024-474-1	TABLE ASSY, T REEL
761	X-2024-476-1	ARM ASSY, PINCH
762	2-342-906-01	SPRING (PINCH RETURN), TORSION

Ref. No.	Part No.	Description
763	2-342-626-01	SPRING (RETURN TG6), EXTENSION
764	A-1083-002-A	BLOCK ASSY, TG6
765	X-2024-468-3	ARM ASSY (S), GL
766	X-2024-465-1	COASTER (S) ASSY
767	2-342-612-01	RAIL
768	3-703-816-13	SCREW (M1.4X2.0), SPECIAL HEAD
769	X-2024-466-1	COASTER (T) ASSY
770	X-2024-469-1	ARM (T) ASSY, GL
771	2-342-716-01	SPRING (T), TORSION COIL
772	3-703-816-08	SCREW (M1.4X1.4), SPECIAL HEAD (for adjustment)

5. REPAIR PARTS LIST

5-1-9. LS/MECHANICAL CHASSIS BLOCK ASSEMBLY-2

ns: not supplied



Note1: The FP-031 and FP-032 are supplied as the assembled part of the MD (N100) sub ass'y A by attaching them with the adhesive agent. These parts are not separately supplied because assembling of these parts requires high accuracy.

Note2: The mode switch (S903) function works when the contactor of the FP-032 contacts with the bottom surface of wiper of the mode gear ass'y.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
801	2-342-624-01	SPRING (PINCH LIMITTER), EXTENSION	817	2-342-690-02	BASE, MOTOR HOLDER
802	X-2024-463-2	SLIDER ASSY, MODE	818	1-677-049-11	FP-228 FLEXIBLE BOARD (DEW SENSOR)
803	X-2024-462-1	GEAR ASSY, CAM	819	2-342-686-01	COVER, CAPSTAN
804	3-075-097-11	SCREW (M1.4X1.4), SPECIAL HEAD	820	2-541-984-01	MIC COVER
806	2-342-621-01	GEAR, RELAY	821	3-703-816-13	SCREW (M1.4X2.0), SPECIAL HEAD
807	3-315-414-31	WASHER	D901	6-500-652-01	DIODE GL453SE0000F (TAPE LED)
808	2-342-620-01	GEAR, CONVERSION	H901	8-719-067-74	ELEMENT, HOLE HW-105A-CDE-T (S REEL)
809	3-084-377-01	HEAD (SCREW M1.2)	H902	8-719-067-74	ELEMENT, HOLE HW-105A-CDE-T (T REEL)
810	X-2024-460-1	BASE ASSY, CAM	M902	X-2024-464-1	MOTOR ASSY (LOADING)
811	X-2024-461-1	GEAR ASSY, MODE	MIC902	1-818-576-11	PIN, CONNECTOR (WITH DETECTION)
812	2-342-615-01	GEAR, NO.2	Q901	6-550-672-01	TRANSISTOR PT4850FJE00F (TAPE END)
813	2-342-691-01	GEAR, NO.1	Q902	6-550-672-01	TRANSISTOR PT4850FJE00F (TAPE TOP)
814	2-637-945-01	HOLDER, MOTOR	S901	1-786-448-22	SWITCH, PUSH (1 KEY) (CC DOWN)
815	3-895-822-71	SCREW (M1.2X2), SPECIAL, 0			
816	2-342-689-01	WORM SHAFT (2J)			

5-2. ELECTRICAL PARTS LIST

Ref. No.	Part No.	Description
	A-1212-459-A	AV-112 BOARD, COMPLETE *****
		< CONNECTOR >
CN401	1-779-330-51	CONNECTOR, FFC/FPC 12P
CN402	1-815-794-13	CONNECTOR (MULTIPLE) (A/V OUT)
		< FERRITE BEAD >
FB401	1-414-760-21	BEAD, FERRITE (CHIP) (1608)
FB402	1-414-760-21	BEAD, FERRITE (CHIP) (1608)
	A-1212-400-A	CD-672 BOARD, COMPLETE ***** (IC7002 is not supplied, but this is included in CCD block assy.)
		< CAPACITOR >
C7002	1-100-566-91	CERAMIC CHIP 0.1uF 10% 25V
C7003	1-100-566-91	CERAMIC CHIP 0.1uF 10% 25V
C7005	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C7006	1-100-591-91	CERAMIC CHIP 1uF 10% 25V
C7007	1-127-820-11	CERAMIC CHIP 4.7uF 10% 16V
C7010	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C7011	1-165-875-11	CERAMIC CHIP 10uF 10% 10V
C7015	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C7016	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C7017	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C7018	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C7023	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C7024	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C7025	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C7026	1-100-251-11	CERAMIC CHIP 0.047uF 10% 10V
C7027	1-100-251-11	CERAMIC CHIP 0.047uF 10% 10V
C7028	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
C7029	1-165-989-11	CERAMIC CHIP 10uF 10% 6.3V
		< CONNECTOR >
CN7001	1-820-586-51	CONNECTOR, FFC/FPC 28P
		< FERRITE BEAD >
FB7001	1-400-331-11	FERRITE, EMI (SMD) (1005)
		< IC >
IC7002	A-1216-665-A	CCD BLOCK ASSY (1M) (CCD IMAGER) (Note 1)
IC7003	8-759-489-19	IC uPC6756GR-8JG-E2
		< COIL >
L7001	1-400-588-11	INDUCTOR 10uH
L7002	1-400-588-11	INDUCTOR 10uH
		< TRANSISTOR >
Q7001	6-550-234-01	TRANSISTOR UNR32A300LS0
Q7002	8-729-055-21	TRANSISTOR 2SC5096-O/R (TE85L)

• Refer to page 5-1 for mark △.

Ref. No.	Part No.	Description
		< RESISTOR >
R7002	1-218-954-11	RES-CHIP 1.2K 5% 1/16W
R7004	1-218-965-11	RES-CHIP 10K 5% 1/16W
R7005	1-218-953-11	RES-CHIP 1K 5% 1/16W
R7006	1-218-966-11	RES-CHIP 12K 5% 1/16W
R7013	1-218-965-11	RES-CHIP 10K 5% 1/16W
R7014	1-218-989-11	RES-CHIP 1M 5% 1/16W
R7015	1-218-989-11	RES-CHIP 1M 5% 1/16W
R7016	1-218-965-11	RES-CHIP 10K 5% 1/16W
		< COMPOSITION CIRCUIT BLOCK >
RB7001	1-234-379-21	RES, NETWORK 22K (1005X4)
		< SENSOR >
SE7001	1-479-022-61	SENSOR, ANGULAR VELOCITY (32.2 kHz)
SE7002	1-479-022-51	SENSOR, ANGULAR VELOCITY (30.8 kHz)
	A-1212-683-A	CF-102 BOARD, COMPLETE ***** (BT901 (lithium battery) is not included in CF-102 complete board.)
		< BATTERY HOLDER >
△BH801	1-756-615-41	HOLDER, BATTERY (Note 2)
		< BATTERY >
△BT901	1-756-134-12	BATTERY, STORAGE, LITHIUM (Note 2)
		< CONNECTOR >
CN801	1-794-057-21	PIN, CONNECTOR (PC BOARD) 2P
CN802	1-766-646-51	CONNECTOR, FFC/FPC 10P
		< DIODE >
* D801	6-501-573-01	DIODE CL-271TLY-C-TS (CHG)

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.

注意

電池の交換は、正しく行わないと破裂する恐れがあります。電池を交換する場合には必ず同じ型名の電池又は同等品と交換してください。

Note 1: Be sure to read "Precautions for Replacement of Imager" on page 4-3 when changing the imager.

Note 1: イメージャの交換時は4-4ページの「イメージャ交換時の注意」を必ずお読みください。

Note 2: Replace the battery holder (BH801) together when replacing the lithium battery (BT901) on the CF-102 board. (The battery holder removed once cannot be used again.)
When mounting these parts, mount new battery holder first and attach new lithium battery next.

Note 2: CF-102基板のリチウム電池 (BT901) を交換する場合はバッテリーホルダ (BH801) も同時に新品に交換して下さい。(一度使用したバッテリーホルダは再使用できません。)
部品取り付けの際は、先にバッテリーホルダを取り付けてからリチウム電池を装着して下さい。

CF-102**CR-082****FP-031****FP-032****FP-228****FP-386****FP-626****LB-132****MS-342****PD-312**

Ref. No.	Part No.	Description
< RESISTOR >		
R801	1-218-955-11	RES-CHIP 1.5K 5% 1/16W
R802	1-218-957-11	RES-CHIP 2.2K 5% 1/16W
< SWITCH >		
S801	1-786-157-31	TACTILE SWITCH (RESET)
S802	1-786-157-31	TACTILE SWITCH (DISP/BATT INFO)
S803	1-786-157-31	TACTILE SWITCH (EASY)
* S804	1-786-545-41	SWITCH, PUSH LEVER (S) (PANEL OPEN/CLOSE)
S805	1-786-157-31	TACTILE SWITCH (BACK LIGHT)
A-1212-567-A CR-082 BOARD, COMPLETE ***** (CN501 (multi connector) is not supplied, but this is included in CR-082 complete board.)		
< CONNECTOR >		
CN501	(Not supplied)	CONNECTOR, MULTIPLE (SOCKET)
* CN502	1-818-073-51	CONNECTOR, FFC/FPC (ZIF) 36P
(Not supplied) FP-031 FLEXIBLE BOARD ***** (This flexible board is included in MD (N100) sub assy A (A-1080-997-A).)		
< DIODE >		
D901	6-500-652-01	DIODE GL453SE0000F (TAPE LED)
< HOLE ELEMENT >		
H901	8-719-067-74	ELEMENT, HOLE HW-105A-CDE-T (S REEL)
H902	8-719-067-74	ELEMENT, HOLE HW-105A-CDE-T (T REEL)
< CONNECTOR >		
MIC902	1-818-576-11	PIN, CONNECTOR (WITH DETECTION)
< TRANSISTOR >		
Q901	6-550-672-01	TRANSISTOR PT4850FJE00F (TAPE END)
Q902	6-550-672-01	TRANSISTOR PT4850FJE00F (TAPE TOP)
< SWITCH >		
S901	1-786-448-22	SWITCH, PUSH (1 KEY) (CC DOWN)
(Not supplied) FP-032 FLEXIBLE BOARD ***** (This flexible board with S903 is included in MD (N100) sub assy A (A-1080-997-A).)		
1-677-049-11 FP-228 FLEXIBLE BOARD (DEW SENSOR) *****		
A-1153-842-A FP-386 FLEXIBLE BOARD, COMPLETE *****		

Ref. No.	Part No.	Description
< SWITCH >		
S101	1-786-180-31	SWITCH, PUSH (1KEY) (PANEL REVERSE)
* 1-871-485-11 FP-626 FLEXIBLE BOARD ***** (BH001 and J001 are not included in FP-626 flexible board.)		
< BATTERY TERMINAL >		
BH001	1-780-064-21	BATTERY TERMINAL BOARD
< JACK >		
J001	1-815-792-11	CONNECTOR, DC-IN (7.2V)
A-1212-408-A LB-132 BOARD, COMPLETE *****		
< CAPACITOR >		
C301	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C302	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C303	1-164-505-11	CERAMIC CHIP 2.2uF 16V
< CONNECTOR >		
CN301	1-779-334-51	CONNECTOR, FFC/FPC 20P
* CN302	1-817-560-71	CONNECTOR, FPC (ZIP) 21P
< DIODE >		
* D301	6-501-591-01	DIODE NESW007AT-T099 (BACKLIGHT)
D302	6-500-941-01	DIODE MAZS056008S0
< RESISTOR >		
R301	1-216-841-11	METAL CHIP 47K 5% 1/10W
A-1212-565-A MS-342 BOARD, COMPLETE *****		
< CONNECTOR >		
CN601	1-817-913-41	MEMORY STICK DUO CONNECTOR
* CN602	1-816-643-51	FFC/FPC CONNECTOR (LIF) 10P
< DIODE >		
D601	6-501-216-01	DIODE CL-271HR-C-TS (MS ACCESS)
< RESISTOR >		
R601	1-218-941-81	RES-CHIP 100 5% 1/16W
A-1212-630-A PD-312 BOARD, COMPLETE *****		
< CAPACITOR >		
C6302	1-100-581-81	CERAMIC CHIP 0.0047uF 10% 50V
C6303	1-100-581-81	CERAMIC CHIP 0.0047uF 10% 50V
C6304	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C6305	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C6306	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V

Ref. No. Part No. Description

< CONNECTOR >

CN6301	1-818-072-51	CONNECTOR, FFC/FPC (ZIF) 30P
CN6302	1-573-915-51	CONNECTOR, FFC/FPC (ZIF) 6P
CN6303	1-573-915-51	CONNECTOR, FFC/FPC (ZIF) 6P
* CN6304	1-818-069-51	CONNECTOR, FFC/FPC (ZIF) 6P
CN6305	1-818-071-51	CONNECTOR, FFC/FPC (ZIF) 24P

< DIODE >

D6302	6-500-941-01	DIODE MAZS056008S0
* D6303	6-501-476-01	DIODE NSSW008CT-T071 (BACKLIGHT)
* D6304	6-501-476-01	DIODE NSSW008CT-T071 (BACKLIGHT)
* D6305	6-501-476-01	DIODE NSSW008CT-T071 (BACKLIGHT)

< TRANSISTOR >

Q6301	8-729-427-67	TRANSISTOR	XP421F-TXE
Q6302	8-729-427-37	TRANSISTOR	XP411F-TXE
Q6303	6-550-232-01	TRANSISTOR	2SA2029T2LQ/R

< RESISTOR >

R6302	1-218-955-11	RES-CHIP	1.5K	5%	1/16W
R6303	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R6304	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R6305	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R6307	1-218-978-11	RES-CHIP	120K	5%	1/16W
R6309	1-218-989-11	RES-CHIP	1M	5%	1/16W

< VARISTOR >

* VD6301	1-802-279-11	VARISTOR (SMD)
* VD6302	1-802-279-11	VARISTOR (SMD)
* VD6303	1-802-279-11	VARISTOR (SMD)
* VD6304	1-802-279-11	VARISTOR (SMD)

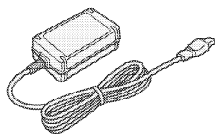
Electrical parts list of the VC-472 board is not shown.
Pages 5-14 to 5-20 are not shown.

• EXCEPT J MODEL

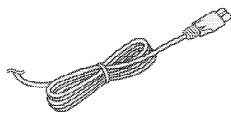
Checking supplied accessories.

to J MODEL

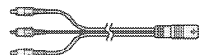
Note: This item is supplied with the unit as an accessory, but is not prepared as a service part.



AC Adaptor
(AC-L200)
△ 1-479-285-21



Power Cord
△ 1-555-074-91 (AUS)
△ 1-782-476-71 (CH)
△ 1-823-945-41 (US, CND)
△ 1-823-947-71 (KR)
△ 1-827-269-31 (UK)
△ 1-827-826-41 (AEP, EE, NE,
E: PAL, E: NTSC (Latin America))
△ 1-828-050-31 (JE)
△ 1-830-518-41
(E: NTSC (Except Latin America))



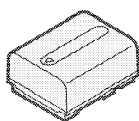
A/V Connecting Cable
1-823-156-51



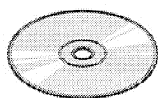
Conversion (2P) Adaptor
△ 1-569-008-12
(E: NTSC (Latin America))



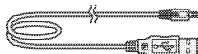
Conversion (2P) Adaptor
△ 1-569-007-12
(E: NTSC (Except Latin America),
JE)



Rechargeable Battery Pack
NP-FH40
(Note)



CD-ROM
"Handycam Application Software"
3-093-483-01



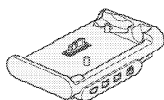
USB Cable
1-829-868-31



Wireless Remote Commander
RMT-831
1-478-495-41



21-pin Adaptor
1-770-783-21
(AEP, UK, EE, NE)



Handycam Station
(DCRA-C155)
1-820-790-11 (HC48/HC48E)
(DCRA-C156)
1-820-790-21 (HC47E)

Other accessories

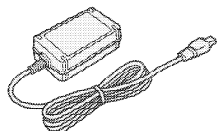
- 2-319-511-11 MANUAL, INSTRUCTION (ENGLISH)
(HC48: US, CND, E, JE)
- 2-319-511-21 MANUAL, INSTRUCTION (FRENCH) (HC48: CND)
- 2-319-511-31 MANUAL, INSTRUCTION (SPANISH) (HC48: E, JE)
- 2-319-511-51 MANUAL, INSTRUCTION (TRADITIONAL CHINESE)
(HC48: E)
- 2-319-511-61 MANUAL, INSTRUCTION (KOREAN) (HC48: KR, JE)
- 2-319-512-11 MANUAL, INSTRUCTION (ENGLISH)
(HC47E: AEP, UK/HC48E: E, AUS, JE)
- 2-319-512-21 MANUAL, INSTRUCTION (FRENCH) (HC47E: AEP)
- 2-319-512-31 MANUAL, INSTRUCTION (GERMAN) (HC47E: AEP)
- 2-319-512-41 MANUAL, INSTRUCTION (DUTCH) (HC47E: AEP)
- 2-319-512-51 MANUAL, INSTRUCTION (SPANISH) (HC47E: AEP)
- 2-319-512-71 MANUAL, INSTRUCTION (ITALIAN) (HC47E: AEP)
- 2-319-512-81 MANUAL, INSTRUCTION (GREEK) (HC47E: AEP)
- 2-319-512-91 MANUAL, INSTRUCTION (SWEDISH)
(HC47E: NE, HC48E: NE)
- 2-319-513-11 MANUAL, INSTRUCTION (RUSSIAN)
(HC47E: NE/HC48E: NE, JE)
- 2-319-513-21 MANUAL, INSTRUCTION (DANISH)
(HC47E: NE, HC48E: NE)
- 2-319-513-31 MANUAL, INSTRUCTION (FINNISH)
(HC47E: NE, HC48E: NE)
- 2-319-513-51 MANUAL, INSTRUCTION (CZECH) (HC47E: EE)
- 2-319-513-61 MANUAL, INSTRUCTION (HUNGARIAN) (HC47E: EE)
- 2-319-513-71 MANUAL, INSTRUCTION (SLOVAK) (HC47E: EE)
- 2-319-513-91 MANUAL, INSTRUCTION (SIMPLIFIED CHINESE)
(HC48E: E, CH, JE)
- 2-319-514-11 MANUAL, INSTRUCTION (ARABIC) (HC48E: E)
- 2-319-514-21 MANUAL, INSTRUCTION (PERSIAN) (HC48E: E)
- 3-093-691-01 ENJOY HANDYCAM (KR)
- 3-093-691-11 ENJOY HANDYCAM (US, CND, E)
- 3-093-691-21 ENJOY HANDYCAM (UK, EE, NE)
- 3-093-691-31 ENJOY HANDYCAM (AEP)
- 3-093-691-41 ENJOY HANDYCAM (AEP)
- 3-093-691-61 ENJOY HANDYCAM (E, AUS, CH)
- 3-093-691-71 ENJOY HANDYCAM (E)

• Refer to page 5-1 for mark △.

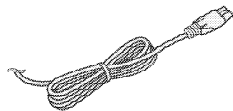
● J MODEL

付属品

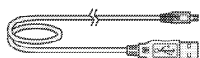
Note：当商品はアクセサリとして同梱されておりますが
サービス用補修部品としては準備しておりません。



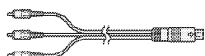
AC アダプター
(AC-L200/L200B)
△ 1-479-285-21



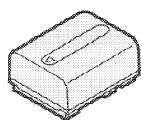
電源コード
△ 1-828-050-31



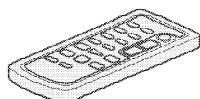
USB ケーブル
1-829-868-31



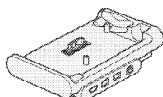
A/V 接続ケーブル
1-823-156-51



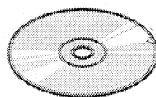
リチャージブルバッテリー
パック
NP-FH40
(Note)



ワイヤレスリモコン
RMT-831
1-478-495-31



ハンディカムステーション
(DCRA-C155)
1-820-790-11



CD-ROM
「Handycam Application
Software」
3-093-483-01

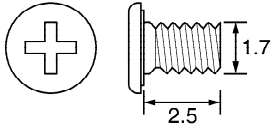
その他の付属品

2-319-511-01 取扱説明書（日本語）
3-093-691-01 インジォイパルティカム

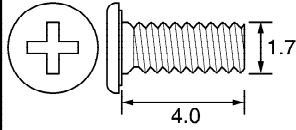
● △マークについては、5-1ページを参照して下さい。

HARDWARE LIST (1/4)

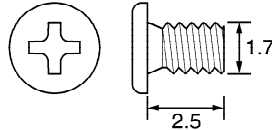
#1: M1.7 X 2.5
(Black)
2-635-562-11



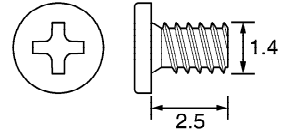
#2: M1.7 X 4.0
(Black)
2-635-562-31



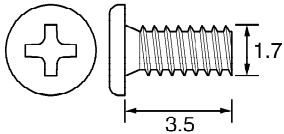
#3: M1.7 X 2.5
(Red)
2-660-401-01



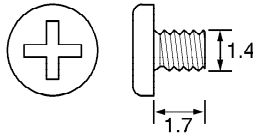
#4: M1.4 X 2.5 (Tapping)
(Dark Silver)
3-348-998-81



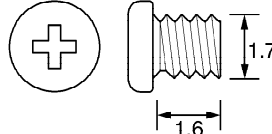
#5: M1.7 X 3.5 (Tapping)
(Black)
3-080-204-01



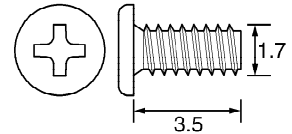
#6: M1.4 X 1.7
(Silver)
2-598-474-01



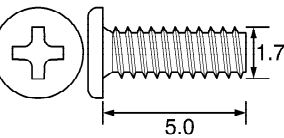
#7: M1.7 X 1.6
(Black)
7-627-552-18



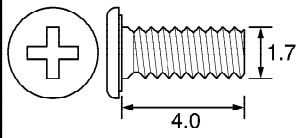
#8: M1.7 X 3.5 (Tapping)
(Silver)
3-078-890-01



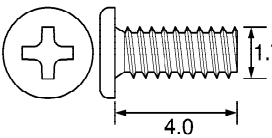
#9: M1.7 X 5.0 (Tapping)
(Silver)
3-078-890-21



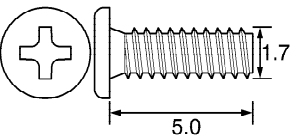
#10: M1.7 X 4.0
(Silver)
2-599-475-31



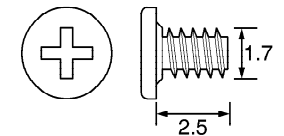
#11: M1.7 X 4.0 (Tapping)
(Silver)
3-078-890-11



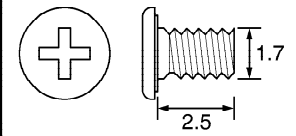
#12: M1.7 X 5.0 (Tapping)
(Black)
3-080-204-21



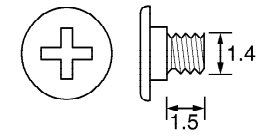
#13: M1.7 X 2.5 (Tapping)
(Silver)
3-085-397-01



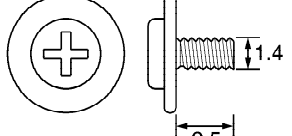
#14: M1.7 X 2.5
(Silver)
2-599-475-11



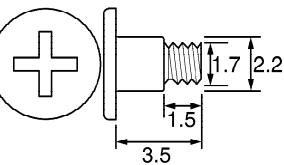
#15: M1.4 X 1.5
(Silver)
3-062-214-01



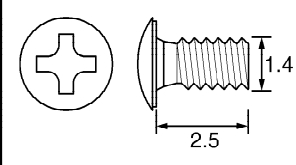
#16: M1.4 X 2.5
(Silver)
2-586-337-01



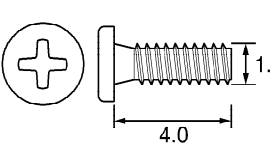
#17: M1.7 X 1.5
(Silver)
2-586-389-01



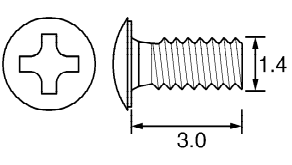
#18: M1.4 X 2.5
(Silver)
2-635-591-21



#19: M1.2 X 4.0 (Tapping)
(Red)
3-086-156-21

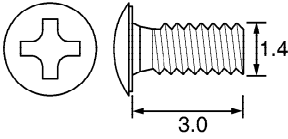


#20: M1.4 X 3.0
(Silver)
2-635-591-31

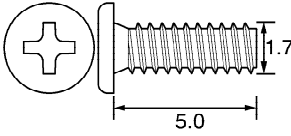


HARDWARE LIST (2/4)

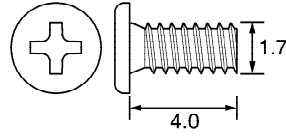
#21: M1.4 X 3.0
(Black)
2-662-396-21



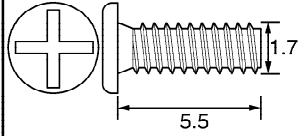
#22: M1.7 X 5.0 (Tapping)
(Silver)
3-083-261-01



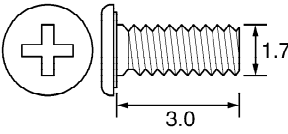
#23: M1.7 X 4.0 (Tapping)
(Black)
3-080-204-11



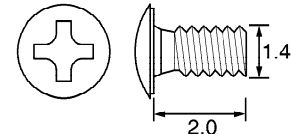
#24: B1.7 X 5.5 (Tapping)
(Black)
4-679-805-11



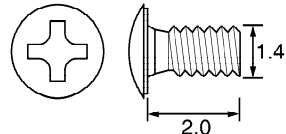
#25: M1.7 X 3.0
(Black)
2-635-562-21



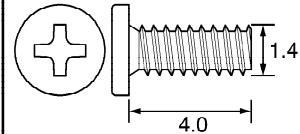
#26: M1.4 X 2.0
(Silver)
2-635-591-11



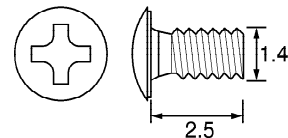
#27: M1.4 X 2.0
(Black)
2-662-396-11



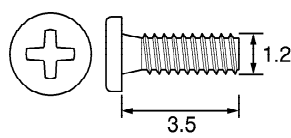
#28: M1.4 X 4.0 (Tapping)
(Dark Silver)
3-348-998-61



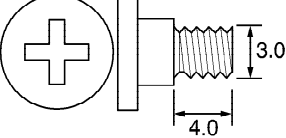
#29: M1.4 X 2.5
(Black)
2-662-396-01



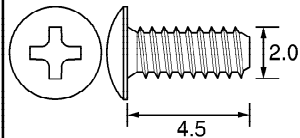
#30: M1.2 X 4.0 (Tapping)
(White)
3-086-156-11



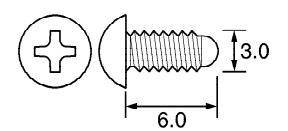
#31: M3.0 X 4.0
(Silver)
2-102-434-01



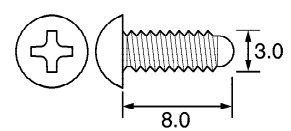
#32: M2.0 X 4.5 (Tapping)
(Silver)
2-102-498-01



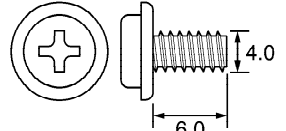
#33: M3.0 X 6.0
(Silver)
3-077-331-21



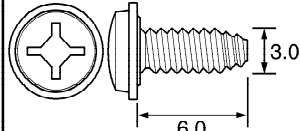
#34: M3.0 X 8.0
(Black)
3-077-331-41



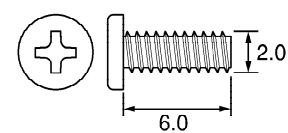
#35: M4.0 X 6.0 (Tapping)
(Silver)
3-975-291-02



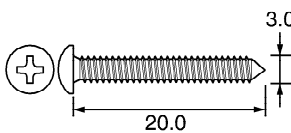
#36: M3.0 X 6.0
(Silver)
4-886-821-11



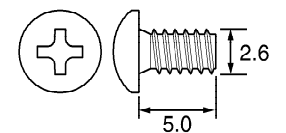
#37: M2.0 X 6.0 (Tapping)
(Black)
3-080-206-31



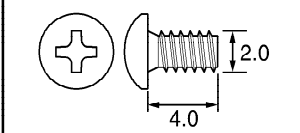
#38: M3.0 X 20.0 (Tapping)
(Silver)
7-685-651-79



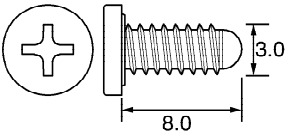
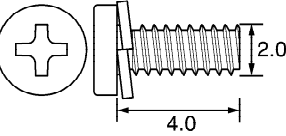
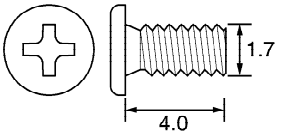
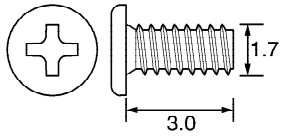
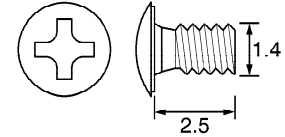
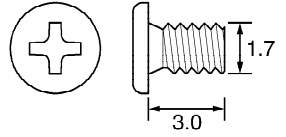
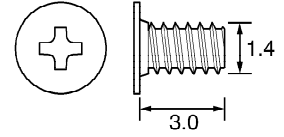
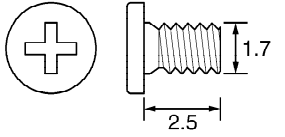
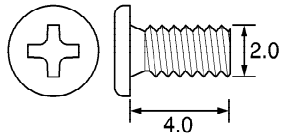
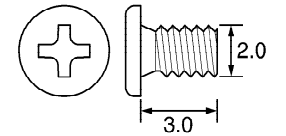
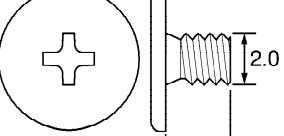
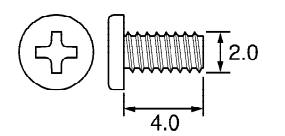
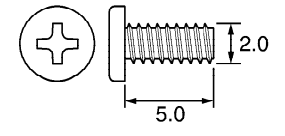
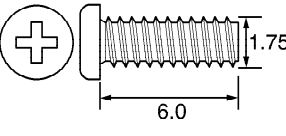
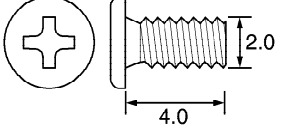
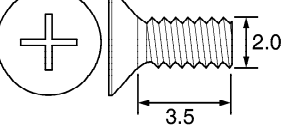
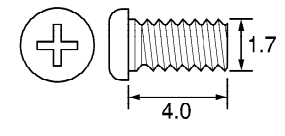
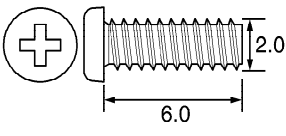
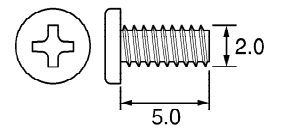
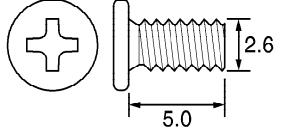
#39: M2.6 X 5.0 (Tapping)
(Black)
7-685-791-09



#40: M2.0 X 4.0 (Tapping)
(Silver)
7-685-851-04

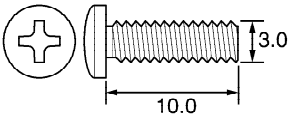


HARDWARE LIST (3/4)

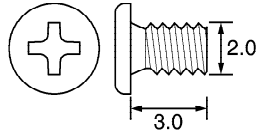
#41: M3.0 X 8.0 (Tapping) (Silver) 3-065-748-01 	#42: M2.0 X 4.0 (Tapping) (Silver) 7-628-253-00 	#43: M1.7 X 4.0 (Red) 2-660-401-31 	#44: M1.7 X 3.0 (Tapping) (Silver) 3-078-890-61 
#45: M1.4 X 2.5 (Silver) 2-587-151-01 	#46: M1.7 X 3.0 (Red) 2-660-401-11 	#47: M1.4 X 3.0 (Tapping) (Silver) 2-665-774-01 	#48: M1.7 X 2.5 (Silver) 3-973-497-91 
#49: M2.0 X 4.0 (Black) 2-630-005-31 	#50: M2.0 X 3.0 (Red) 2-891-494-11 	#51: M2.0 X 2.5 (Silver) 3-073-686-01 	#52: M2.0 X 4.0 (Tapping) (Black) 3-080-206-11 
#53: M2.0 X 5.0 (Tapping) (Black) 3-080-206-21 	#54: M1.75 X 6.0 (Tapping) (Black) 3-318-203-11 	#55: M2.0 X 4.0 (Silver) 2-655-582-11 	#56: M2.0 X 3.5 (Silver) 3-067-187-11 
#57: M1.7 X 4.0 (Black) 7-627-852-18 	#58: M2.0 X 6.0 (Tapping) (Silver) 3-719-408-11 	#59: M2.0 X 5.0 (Tapping) (Silver) 3-080-205-21 	#60: M2.6 X 5.0 (Black) 3-061-062-11 

HARDWARE LIST (4/4)

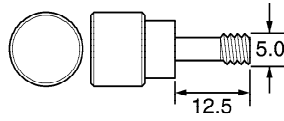
#61: M3.0 X 10.0
(Black)
7-682-549-09



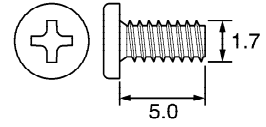
#62: M2.0 X 3.0
(Silver)
3-080-202-21



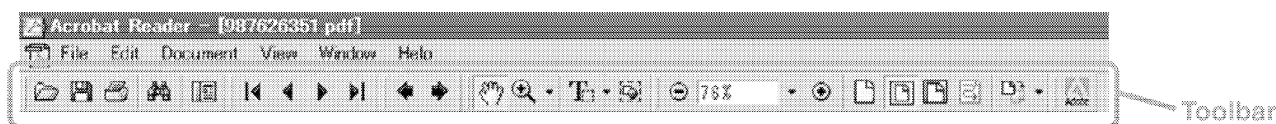
#63: M5.0 X 12.5
(Black)
3-060-811-21



#64: M1.7 X 5.0 (Tapping)
(Silver)
2-666-551-21



[Description of main button functions on toolbar of the Adobe Acrobat Reader Ver5.0 (for Windows)]



Printing a text

1. Click the Print button .
2. Specify a printer, print range, number of copies, and other options, and then click [OK].

Application of printing:

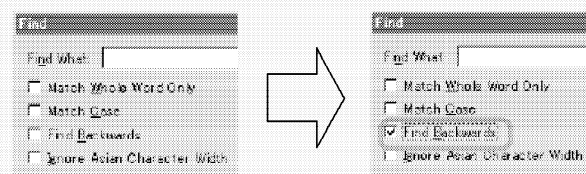
To set a range to be printed within a page, select the graphic selection tool  and drag on the page to enclose a range to be printed, and then click the Print button.

Finding a text

1. Click the Find button .
2. Enter a character string to be found into a text box, and click the [Find]. (Specify the find options as necessary)

Application to the Service Manual:

To execute "find" from current page toward the previous pages, select the check box "Find Backwards" and then click the "Find".



3. Open the find dialog box again, and click the [Find Again] and you can find the matched character strings displayed next. (Character strings entered previously are displayed as they are in the text box.)

Application to the Service Manual:

The parts on the drawing pages (block diagrams, circuit diagrams, printed circuit boards) and parts list pages in a text can be found using this find function. For example, find a Ref. No. of IC on the block diagram, and click the [Find Again] continuously, so that you can move to the Ref. No. of IC on the circuit diagram or printed circuit board diagram successively.

Note: The find function may not be applied to the Service Manual depending on the date of issue.

Switching a page

- To move to the first page, click the .
- To move to the last page, click the .
- To move to the previous page, click the .
- To move to the next page, click the .

Reversing the screens displayed once

- To reverse the previous screens (operation) one by one, click the .
- To advance the reversed screens (operation) one by one, click the .

Application to the Service Manual:

This function allows you to go and back between circuit diagram and printed circuit board diagram, and accordingly it will be convenient for the voltage check.

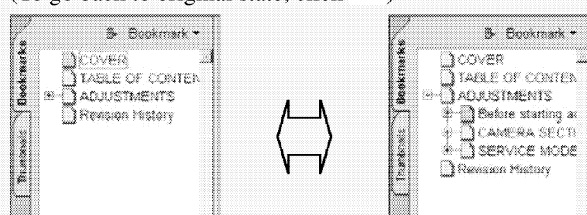
Moving with link

1. Select either palm tool , zoom tool , text selection tool , or graphic selection tool .
2. Place the pointer in the position in a text where the link exists (such as a button on cover and the table of contents page, or blue characters on the removal flowchart page or drawing page), and the pointer will change to the forefinger form .
3. Then, click the link. (You will go to the link destination.)

Moving with bookmark:

Click an item (text) on the bookmark pallet. and you can move to the link destination. Also, clicking  can display the hidden items.

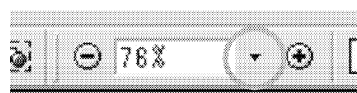
(To go back to original state, click )



Zooming or rotating the screen display

"Zoom in/out"

- Click the triangle button in the zoom control box to select the display magnification. Or, you may click  or  for zooming in or out.



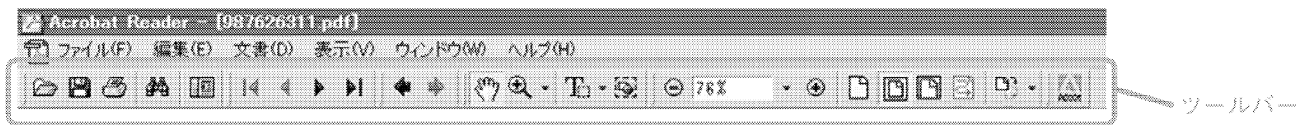
"Rotate"

- Click rotate tool , and the page then rotates 90 degrees each.

Application to the Service Manual:

The printed circuit board diagram you see now can be changed to the same direction as the set.

【Adobe Acrobat Reader Ver 5.0 (for Windows) ツールバーにある主なボタンの機能説明】



文章を印刷する

1. 印刷ボタンをクリックする。
2. プリンター、印刷範囲、印刷部数、および他のオプションを指定して「OK」をクリックする。

印刷の応用：

ページ内で印刷したい範囲を設定するには、グラフィック選択ツールを選択し、ページ上をドラッグして印刷したい範囲を囲ってから印刷ボタンをクリックする。

一度表示した画面へ逆戻りする

- ・ 前の画面(操作)へ1つずつ逆戻りする場合、をクリックする。
- ・ 戻した画面(操作)を1つずつ前に進める場合、をクリックする。

サービスマニュアルへの応用：

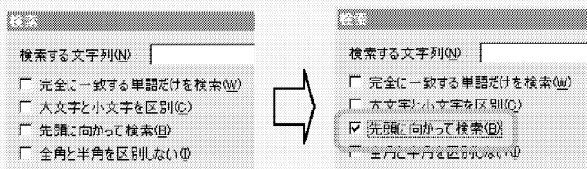
回路図とプリント図を行き来できるので電圧チェックに便利です。

文章内を検索する

1. 検索ボタンをクリックする。
2. 検索したい文字列をテキストボックスに入力して「検索」をクリックする。(必要に応じて検索オプションを指定する)

サービスマニュアルへの応用：

現在のページから前ページに向かって検索する場合は「先頭に向かって検索」のチェックボックスを選択してから「検索」をクリックする。



3. 検索ダイアログボックスをもう一度開き、「次を検索」をクリックすると次に出てくる一致文字列を検索することができる。(前回入力した文字列が、テキストボックスにそのまま表示されている)

サービスマニュアルへの応用：

文章内にある図面ページ(ブロックダイアグラム、回路図、プリント図)および部品表ページなどは、この検索機能を使って部品検索することができる。例えば、ブロックダイアグラム上でICのRef. No.を検索し、「次を検索」を続けることによって回路図、プリント図上にあるICのRef. No.へ次々と移動する。

注意:発行年月日によって検索できない場合もあります。

ページを切り換える

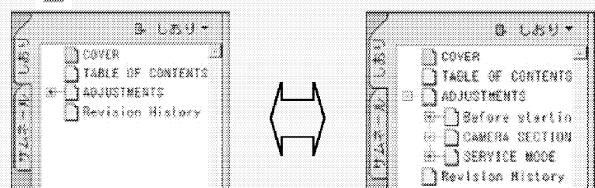
- ・ 最初のページに移動する場合、をクリックする。
- ・ 最後のページに移動する場合、をクリックする。
- ・ 前のページに移動する場合、をクリックする。
- ・ 次のページに移動する場合、をクリックする。

リンクを使用して移動する

1. 手のひらツール、ズームツール、テキスト選択ツール、グラフィック選択ツールのいずれかを選択する。
2. 文章内のリンクのある場所(表紙および章目次ページのボタン、外し方のフローページ、図面ページでは文字が青色になっているところなど)にポインタを置くと、ポインタが人差し指の形に変わる。
3. そのままリンクをクリックする。(リンク先へ移動する)

しおりを利用して移動する：

しおりパレット上の項目(テキスト)をクリックするとリンク先へ移動することができる。また、「」をクリックすると隠れている項目を表示することができる。
(「」をクリックすると元に戻る)



画面の表示を拡大、縮小または回転させる

「拡大/縮小」

- ・ 倍率ボックスの三角矢印ボタンをクリックし、表示倍率を選択する。または、をクリックしても使えます。



「回転」

- ・ 回転ツールをクリックすると、ページが90度ずつ回転する。

サービスマニュアルへの応用：

見ているプリント図をセットと同じ向きに変えられます。

Ver.	Date	History	Contents	S.M. Rev. issued
1.0	2006.12	Official Release	—	—