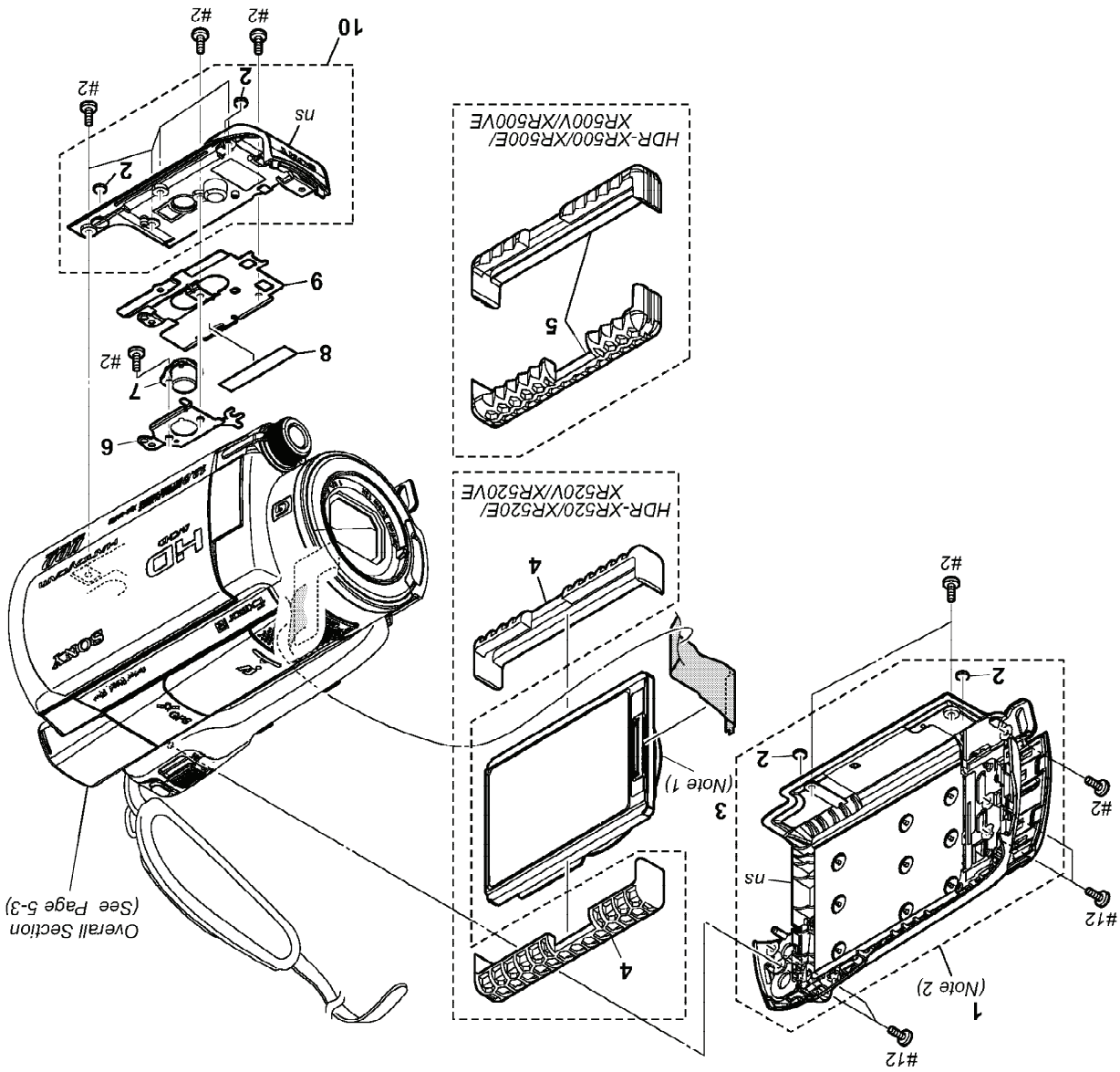


5. REPAIR PARTS LIST

5-1. EXPLODED VIEWS

5-1-1. HDD SECTION

ns: not supplied



Note 1:

Note 1: Do not factory check HDD in which Map Data is installed (XR500V/XR500VE/XR520V/XR520VE). The map data is erased when the factory check is done.

Note 2:

Note 2: Refer to page 1-15 "Precaution on replacing the Cabinet (G) Assy" when changing the Cabinet (G) Assy.

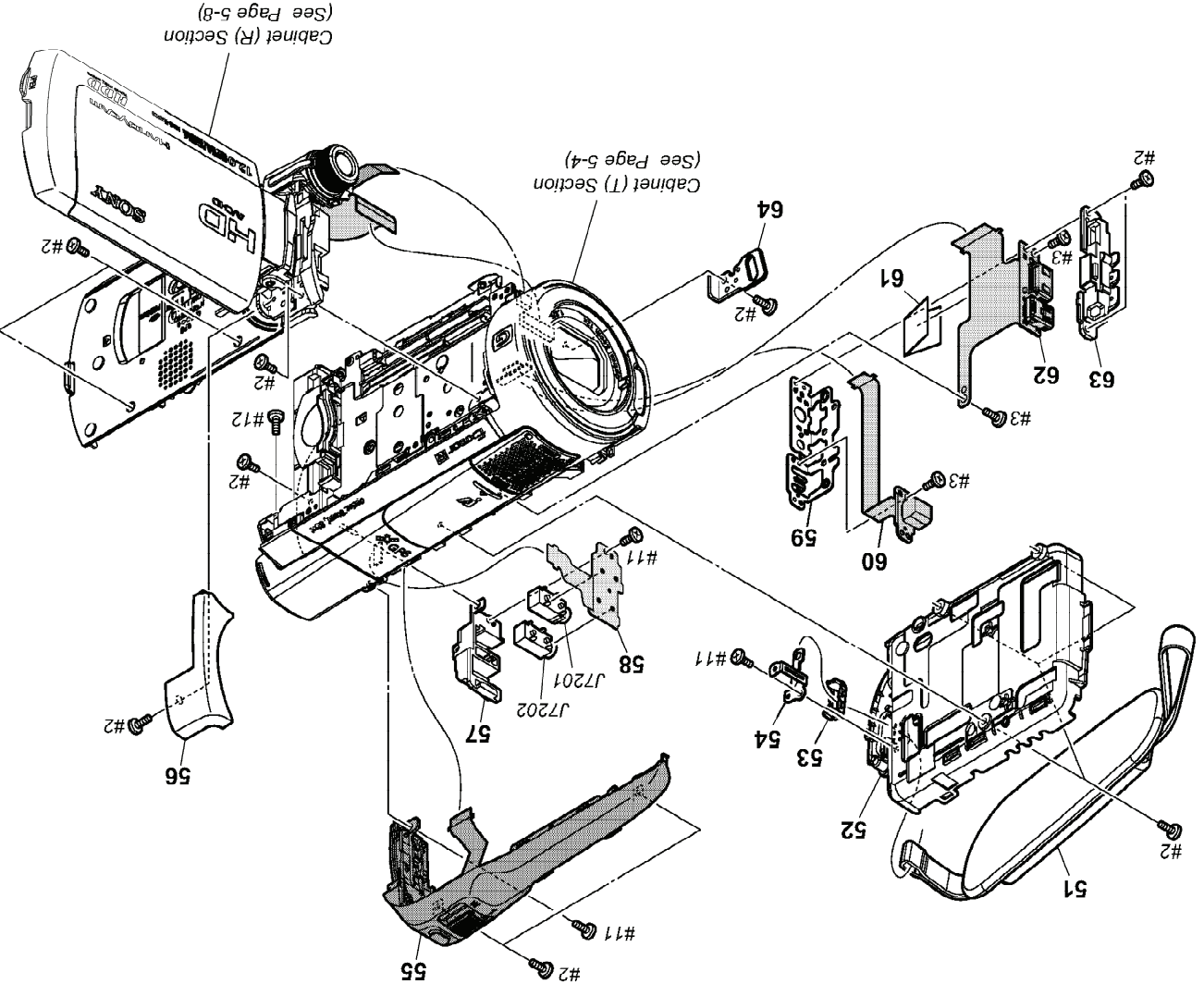
Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	(Note 2)	CABINET (G) ASSY	5	3-294-308-01	DAMPER (1), 08STYLE (XR500/XR500E/XR500V/XR500VE)
2	2-589-376-01	FOOT (395), RUBBER	6	4-135-797-01	FRAME, BM
3	1-840-186-21	HDD (MK1231GAL-120GB) (XR500/XR500E)	7	3-283-643-01	SCREW, TRIPOD
3	1-840-187-21	HDD (MK2431GAH-240GB) (XR520/XR520E)	8	4-142-074-01	SHEET (D)
3	A-1707-463-A	HDD SERVICE 120G (SERVICE)	9	4-135-798-01	HEAT SINK (BM)
3	A-1708-620-A	SERVICE (240G), HDD (SERVICE)	10	X-2345-779-1	CABINET (BM) ASSY
4	3-298-143-01	DAMPER (2), 08STYLE (XR520V/XR520VE) (Note 1)	#2	2-635-562-31	SCREW (M1.7) (black)
			#12	3-080-204-21	SCREW, TAPPING, P2 (black)

5. REPAIR PARTS LIST

5-1-2. OVERALL SECTION

HARDWARE LIST

DISASSEMBLY



Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
51	2-664-928-41	BELT GRIP	56	4-135-717-01	CABINET (UPPER), HINGE (XR500V: J)
52	4-135-676-01	CABINET (L)	56	4-135-717-11	CABINET (UPPER), HINGE (EXCEPT XR500V: J)
53	4-135-677-01	SLEEVE, BELT	57	* 4-135-716-01	RETAINER (R), JK
54	4-135-678-01	PLATE, BELT FIXED	58	1-877-647-11	FP-1048 FLEXIBLE BOARD
55	1-487-147-11	SWITCH BLOCK, POWER (PS31200)	59	* 4-135-714-01	FRAME (F), JK
60	A-1702-498-A	FP-1047 FLEXIBLE BOARD, COMPLETE	61	4-142-072-01	SHEET (B)
61	4-142-072-01	SHEET (B)	62	A-1702-499-A	FP-1046 FLEXIBLE BOARD, COMPLETE
62	A-1702-499-A	FP-1046 FLEXIBLE BOARD, COMPLETE	63	* 4-135-715-01	RETAINER (F), JK
63	* 4-135-715-01	RETAINER (F), JK	64	4-135-746-01	SHEET METAL (F), STRAP
64	4-135-746-01	SHEET METAL (F), STRAP	J7201	1-691-737-42	JACK (SMALL TYPE) (MIC (PLUG IN POWER))
J7201	1-691-737-42	JACK (SMALL TYPE) (MIC (PLUG IN POWER))	J7202	1-569-950-41	JACK (SMALL TYPE) (HEADPHONES)
J7202	1-569-950-41	JACK (SMALL TYPE) (HEADPHONES)	#2	2-635-562-31	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)
#3	2-660-401-01	SCREW (M1.7), NEW TRU-STAR, P2 (Red)	#11	3-078-890-11	SCREW, TAPPING (Silver)
#11	3-078-890-11	SCREW, TAPPING (Silver)	#12	3-080-204-21	SCREW, TAPPING, P2 (Black)

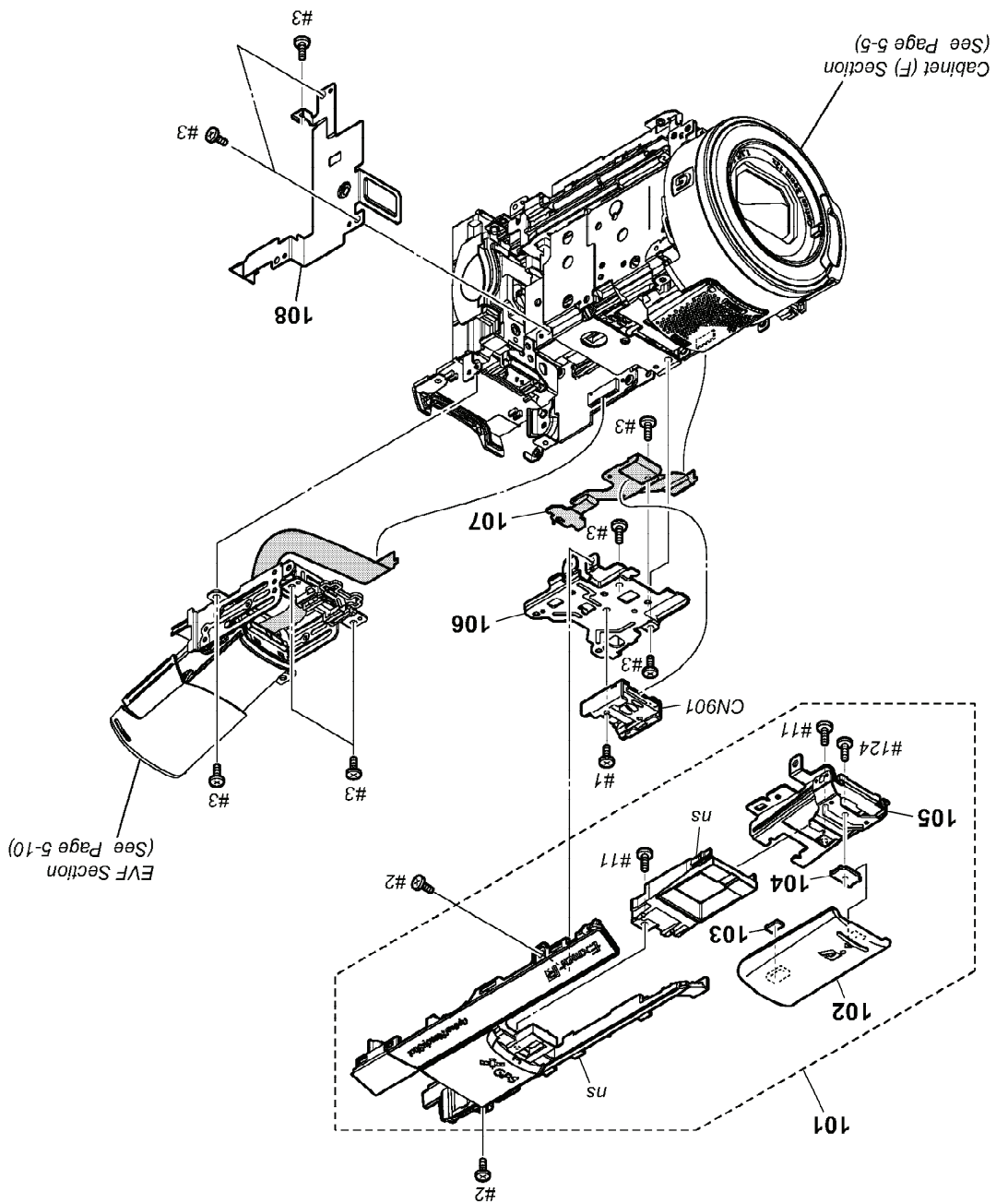
5. REPAIR PARTS LIST

5-1-3. CABINET (T) SECTION

ns: not supplied

HARDWARE LIST

DISASSEMBLY



Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
101	X-2345-752-1	CABINET (T) ASSY (XR500V: J)	101	X-2345-753-1	CABINET (T) ASSY
101	X-2345-753-1	CABINET (T) ASSY	101	X-2345-754-1	CABINET (T) ASSY (XR500V: US, CND/XR500VE/XR520V/XR520VE)
102	4-135-696-01	LID, SHOE (XR500V: J)	102	4-135-696-11	LID, SHOE (EXCEPT XR500V: J)
103	4-135-700-01	SHEET, LID SLIDER	103	4-135-700-01	SHEET, LID SLIDER
* 104	4-135-701-01	PLATE, SHOE LID FIXED	104	4-135-701-01	PLATE, SHOE LID FIXED
105	X-2345-755-1	FRAME ASSY, SHOE LID	105	X-2345-755-1	FRAME ASSY, SHOE LID
106	4-135-713-01	PLATE, SHOE FIXED	106	4-135-713-01	PLATE, SHOE FIXED
107	A-1702-496-A	FP-1049 FLEXIBLE BOARD, COMPLETE	107	A-1702-496-A	FP-1049 FLEXIBLE BOARD, COMPLETE
* 108	4-135-710-01	HEAT SINK (CM)	* 108	4-135-710-01	HEAT SINK (CM)
CN901	1-818-890-11	CONNECTOR, EXTERNAL (HOT SHOE)	CN901	1-818-890-11	CONNECTOR, EXTERNAL (HOT SHOE)
#1	2-635-562-11	SCREW (M1.7) (Black)	#1	2-635-562-11	SCREW (M1.7) (Black)
#2	2-635-562-31	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)	#3	2-660-401-01	SCREW (M1.7), NEW TRU-STAR, P2 (Red)
#11	3-078-890-11	SCREW, TAPPING (Silver)	#11	3-078-890-11	SCREW, TAPPING (Silver)
#124	2-599-475-01	SCREW (M1.7) (Silver)	#124	2-599-475-01	SCREW (M1.7) (Silver)

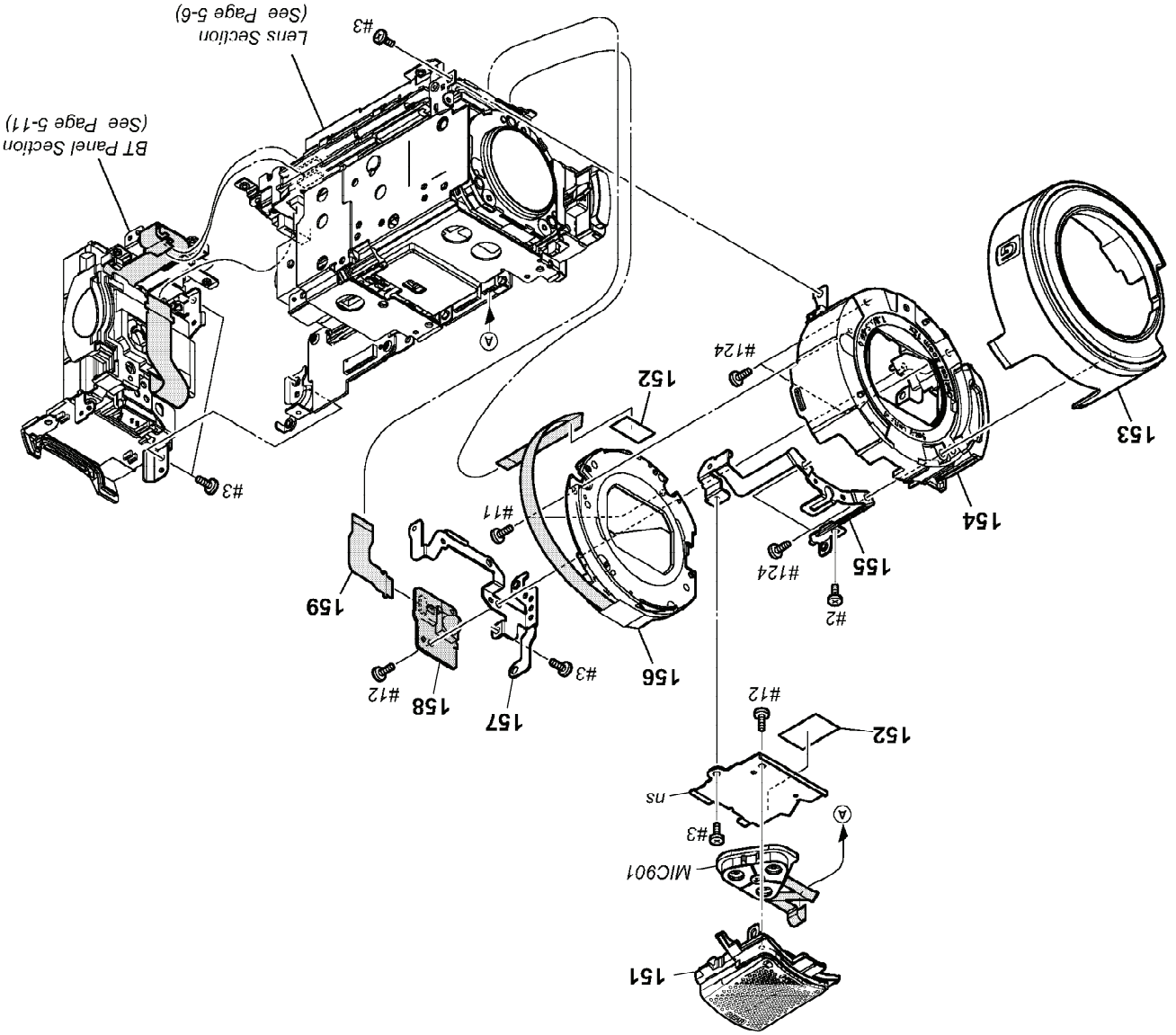
5. REPAIR PARTS LIST

5-1-4. CABINET (F) SECTION

ns: not supplied

DISASSEMBLY

HARDWARE LIST



Ref. No.	Part No.	Description
* 157	4-135-745-01	PLATE (LOWER), F FIXED
158	A-1708-615-A	FR-298 BOARD, COMPLETE (SERVICE)
159	1-877-636-11	FP-1037 FLEXIBLE BOARD
MIC901	1-542-711-61	MICROPHONE UNIT
#2	2-635-562-31	SCREW (M1.7) (Black)
#3	2-660-401-01	SCREW (M1.7), NEW TRU-STAR, P2 (Red)
#11	3-078-890-11	SCREW, TAPPING (Silver)
#12	3-080-204-21	SCREW, TAPPING, P2 (Black)
#124	2-599-475-01	SCREW (M1.7) (Silver)

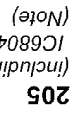
Ref. No.	Part No.	Description
151	X-2345-756-1	HOLDER ASSY, MICROPHONE (XR500V: J)
151	X-2345-757-1	HOLDER ASSY, MICROPHONE (EXCEPT XR500V: J)
152	2-590-635-01	TAPE (AS 1/2)
153	4-135-741-01	RING, LENS (XR500V: J)
153	4-135-741-11	RING, LENS (EXCEPT XR500V: J)
154	X-2345-758-1	CABINET (F) ASSY (XR500V: J)
154	X-2345-759-1	CABINET (F) ASSY (EXCEPT XR500V: J)
* 155	4-135-744-01	PLATE (UPPER), F FIXED
156	A-1709-537-A	LENS BARRIER UNIT

5. REPAIR PARTS LIST

ns: not supplied

DISASSEMBLY

HARDWARE LIST



Note:

- Refer to page 5-1 for mark Δ .

Ret. No.	Part No.	Description	Ret. No.	Part No.	Description
201	A-1702-494-A	MA-456 BOARD, COMPLETE	207	1-87-7-635-11	FP-1036 FLEXIBLE BOARD
202	A-1708-647-A	LSV-1350 (SERVICE)	208	X-2345-985-1	HEAT SINK (LE) ASSY
203	1-788-709-11	OPTICAL FILTER BLOCK (OFB-03-37)	209	A-1702-491-A	ST-206 BOARD, COMPLETE
204	3-216-044-01	RUBBER (1270), SEAL	210	4-135-711-01	HOLDER, CAPACITOR
205	A-1550-292-A	CMOS BLOCK ASSY (1350)	△*C5008	1-116-036-11	ELECT
		(including CM-103 complete board, IC6804 (CMOS imager))			
		(Note)			
* 206	4-135-726-01	SHEET (CM), RADIATION	#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)

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

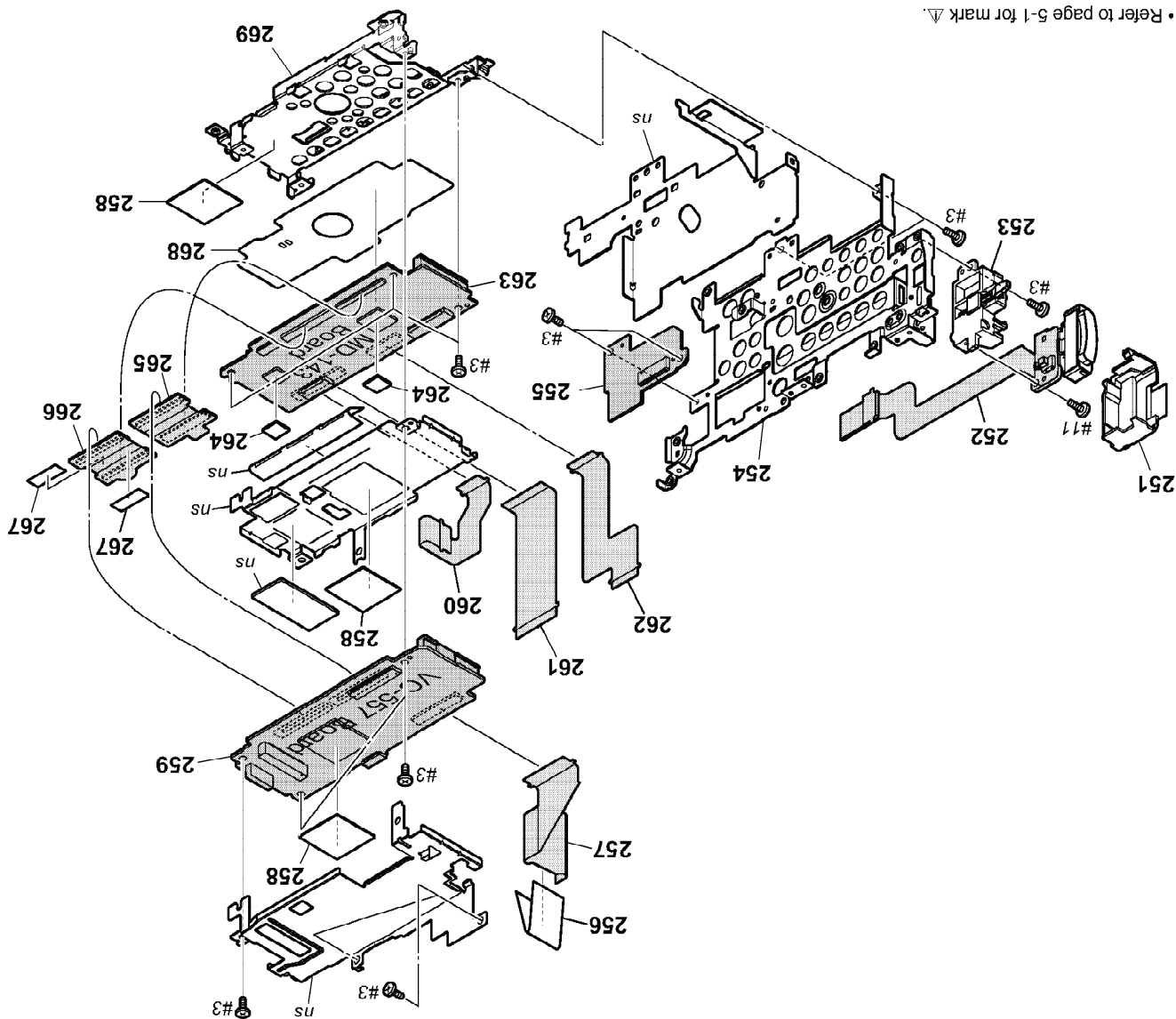
5. REPAIR PARTS LIST

5-1-6. MAIN SECTION

ns: not supplied

HARDWARE LIST

DISASSEMBLY



• Refer to page 5-1 for mark Δ.

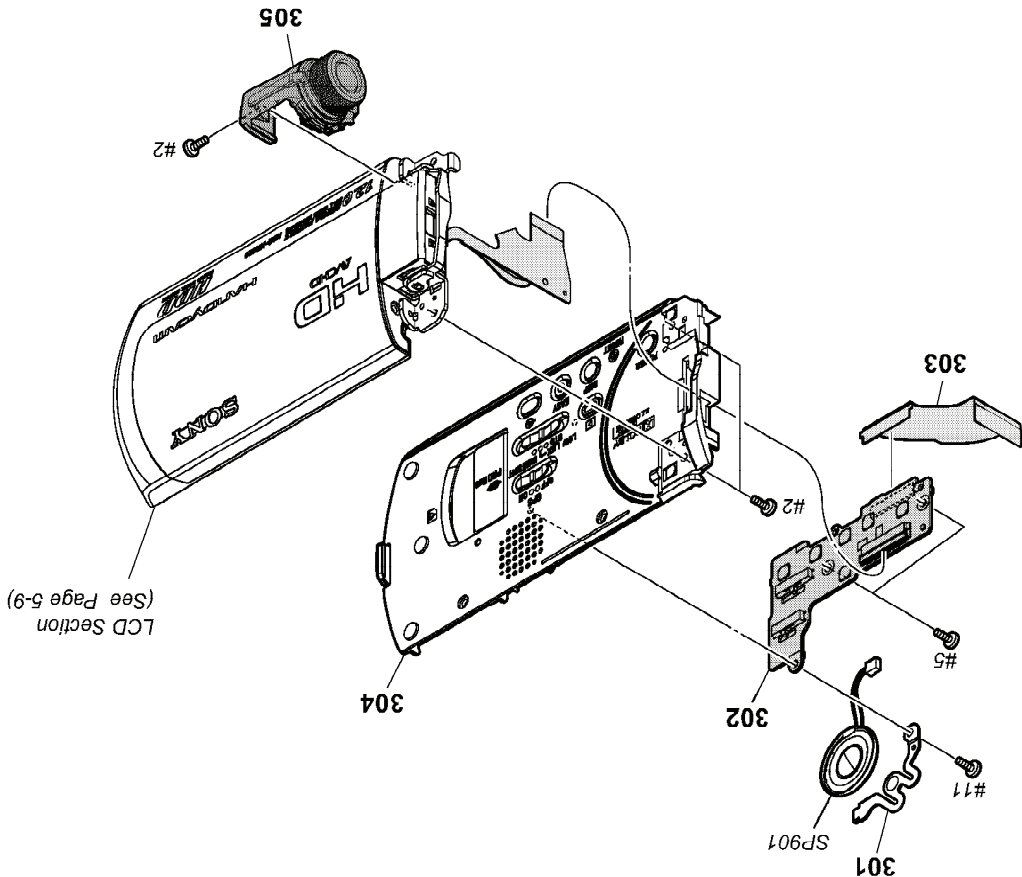
Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
251	4-135-712-01	CAP, ST	260	1-877-639-11	FP-1040 FLEXIBLE BOARD
Δ 252	1-487-104-11	FLASH UNIT (FL31200)	261	1-877-641-11	FP-1042 FLEXIBLE BOARD
253	X-2345-750-1	HOLDER ASSY, ST	262	1-877-640-11	FP-1041 FLEXIBLE BOARD
254	X-2345-751-1	FRAME ASSY, MAIN	263	A-1702-492-A	MD-143 BOARD, COMPLETE
255	A-1702-495-A	EG-001 BOARD, COMPLETE	263	A-1702-493-A	MD-143 BOARD, COMPLETE
256	4-142-071-01	SHEET (A)	264	4-135-723-01	SHEET (E), RADIATION
257	1-877-637-11	FP-1038 FLEXIBLE BOARD	264	A-1702-500-A	FP-1035 FLEXIBLE BOARD, COMPLETE
258	4-135-720-01	SHEET (B), RADIATION	266	A-1702-501-A	FP-1034 FLEXIBLE BOARD, COMPLETE
259	A-1708-606-A	VC-557 BOARD, COMPLETE (SERVICE)	267	4-142-073-01	SHEET (C)
259	A-1708-608-A	VC-557 BOARD, COMPLETE (SERVICE)	268	4-135-718-01	LABEL, FUSE REPLACEMENT CAUTION
259	A-1708-607-A	VC-557 BOARD, COMPLETE (SERVICE)	269	4-135-706-01	FRAME, VC
259	A-1708-613-A	VC-557 BOARD, COMPLETE (SERVICE)	#3	2-660-401-01	SCREW (M1.7), NEW TRU-STAR, P2 (Red)
			#11	3-078-890-11	SCREW, TAPPING (Silver)

5. REPAIR PARTS LIST

5-1-7. CABINET (R) SECTION

DISASSEMBLY

HARDWARE LIST

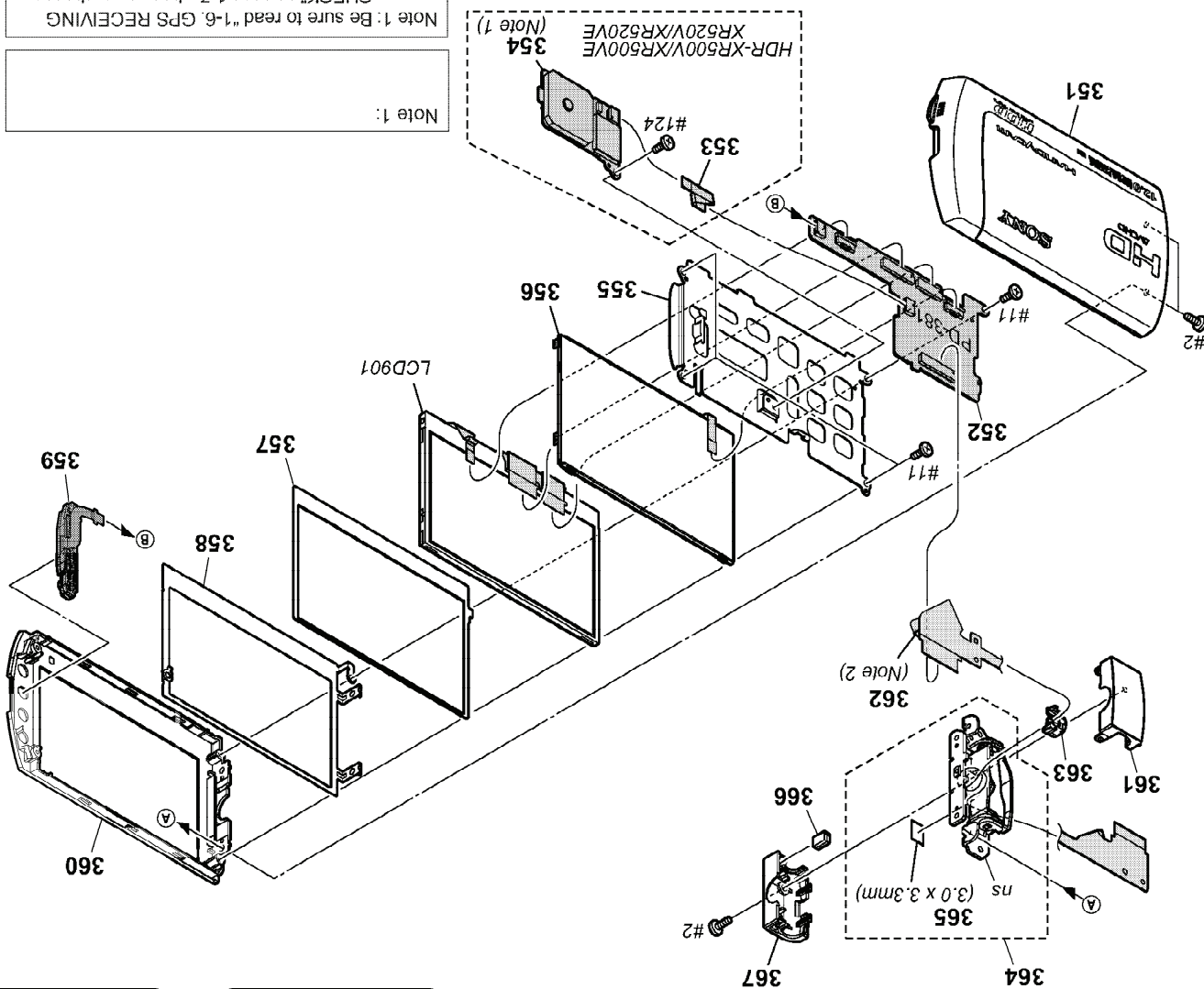


Ret. No.	Part No.	Description	Ret. No.	Part No.	Description
* 301	4-135-778-01	RETAINER, SPEAKER	304	X-2345-774-1	CABINET (R) ASSY
302	A-1702-507-A	CK-211 BOARD, COMPLETE (XR500V/XR500VE/XR520V/XR520VE)	305	1-487-144-11	SWITCH BLOCK, CONTROL (RS31200)
302	A-1702-508-A	CK-211 BOARD, COMPLETE (XR500/XR500E/XR520/XR520E)	SP901	1-858-075-11	SPEAKER (1.8CM)
303	1-877-642-11	FP-1043 FLEXIBLE BOARD (XR500/XR500E/XR520/XR520E)	#2	2-635-562-31	SCREW (M1.7) (Black)
304	X-2345-773-1	CABINET (R) ASSY (XR500V/XR500VE/XR520V/XR520VE)	#5	3-080-204-01	SCREW, TAPPING, P2 (Black)
			#11	3-078-890-11	SCREW, TAPPING (Silver)

5. REPAIR PARTS LIST

5-1-8. LCD SECTION

ns: not supplied



Note 1:

Note 1: Be sure to read "1-6. GPS RECEIVING CHECK" on page 1-7 when you exchange the GPS Assy (GP-026).

Note 2:

Note 2: Be sure to read "HELP17" when you install the FP-1050 flexible board.

CAUTION:

CAUTION: For the part of 365, cut SHEET ADHESIVE (2-649-300-01) into the desired length and use it.

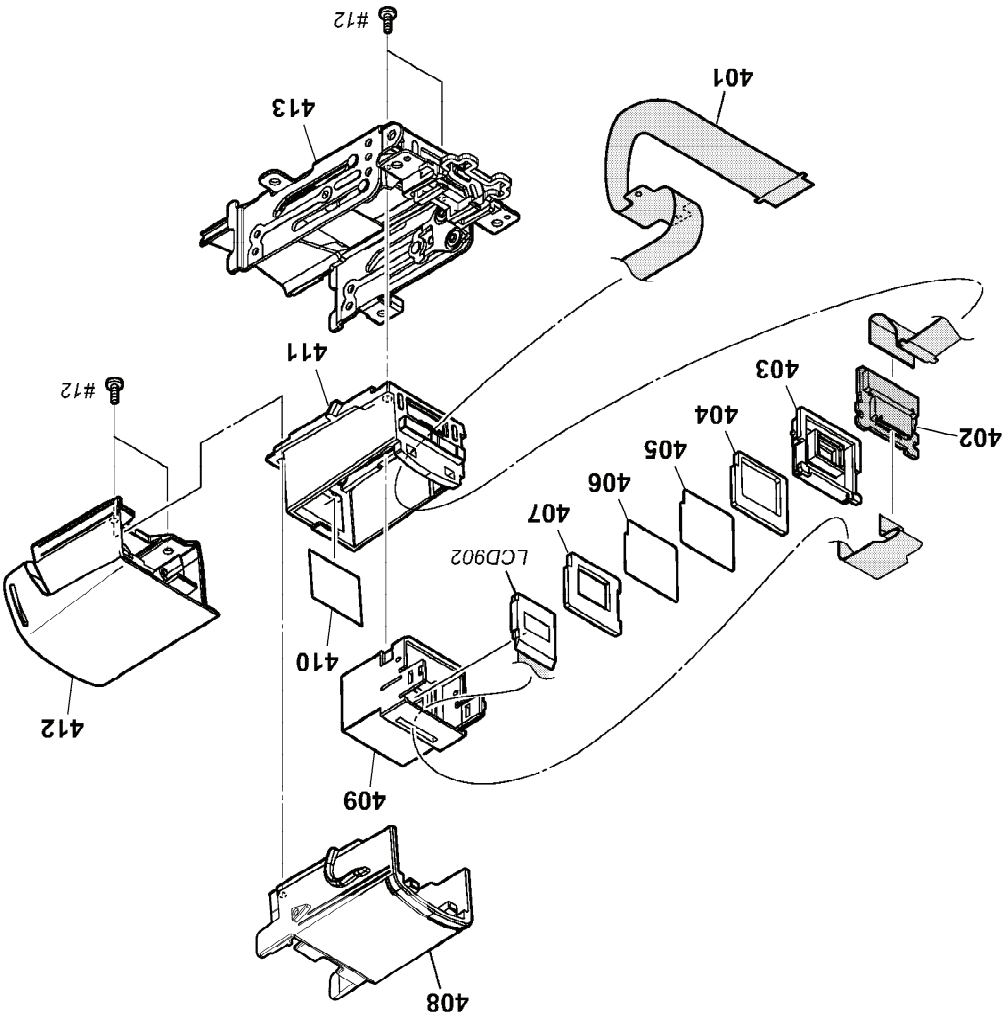
Ref. No.	Part No.	Description
351	X-2345-776-1	CABINET (C) ASSY, P (XR500V: J)
351	X-2345-777-1	CABINET (C) ASSY, P (XR500V: US, GND/XR500VE)
351	X-2345-778-1	CABINET (C) ASSY, P (XR520/XR520E/XR520V/XR520VE)
352	A-1702-502-A	PD-381 BOARD, COMPLETE
353	1-877-407-11	FP-1021 FLEXIBLE BOARD (XR500V/XR500VE/XR520V/XR520VE)
354	A-1665-623-A	GPS_ASSY (GP-026)
355	4-135-792-01	RETAINER, PANEL
356	1-480-358-21	BLOCK, LIGHT GUIDE PLATE (3.2)
357	4-135-794-01	CUSHION, TP
358	4-135-793-01	PLATE (P), GROUND
359	1-487-146-11	SWITCH BLOCK, CONTROL (SB31200)

Ref. No.	Part No.	Description
360	4-135-788-01	CABINET (M), P
361	4-135-789-01	COVER (O), HINGE (XR500V: J)
361	4-135-789-11	COVER (O), HINGE (EXCEPT XR500V: J)
362	1-877-649-11	FP-1050 FLEXIBLE BOARD (Note 2)
363	4-135-791-01	CLAMP, FLEXIBLE
364	X-2345-775-1	HINGE (312) ASSY
365	1-471-504-11	SHEET, HINGE ADHESIVE
366	1-471-504-11	MAGNET (ND5X3.5X2.4-B)
367	4-135-790-01	COVER (U), HINGE
LCD901	A-1363-618-A	TP BLOCK ASSY (32LSHG008)
#2	2-635-562-31	SCREW (M1.7) (Black)
#11	3-078-890-11	SCREW, TAPPING (Silver)
#124	2-599-475-01	SCREW (M1.7) (Silver)

HARDWARE LIST

DISASSEMBLY

5. REPAIR PARTS LIST



Ref. No.	Part No.	Description
401	1-877-650-11	FP-1051 FLEXIBLE BOARD
402	A-1702-510-A	BL-031 BOARD, COMPLETE
403	2-664-672-01	GUIDE, LAMP
404	2-638-819-01	CUSHION, LCD
405	2-638-818-01	ILLUMINATOR
406	2-638-816-01	PLATE (TFT), DEFLECTION
407	2-664-671-01	SPACER, LCD
408	4-135-764-01	CABINET (UPPER), VF

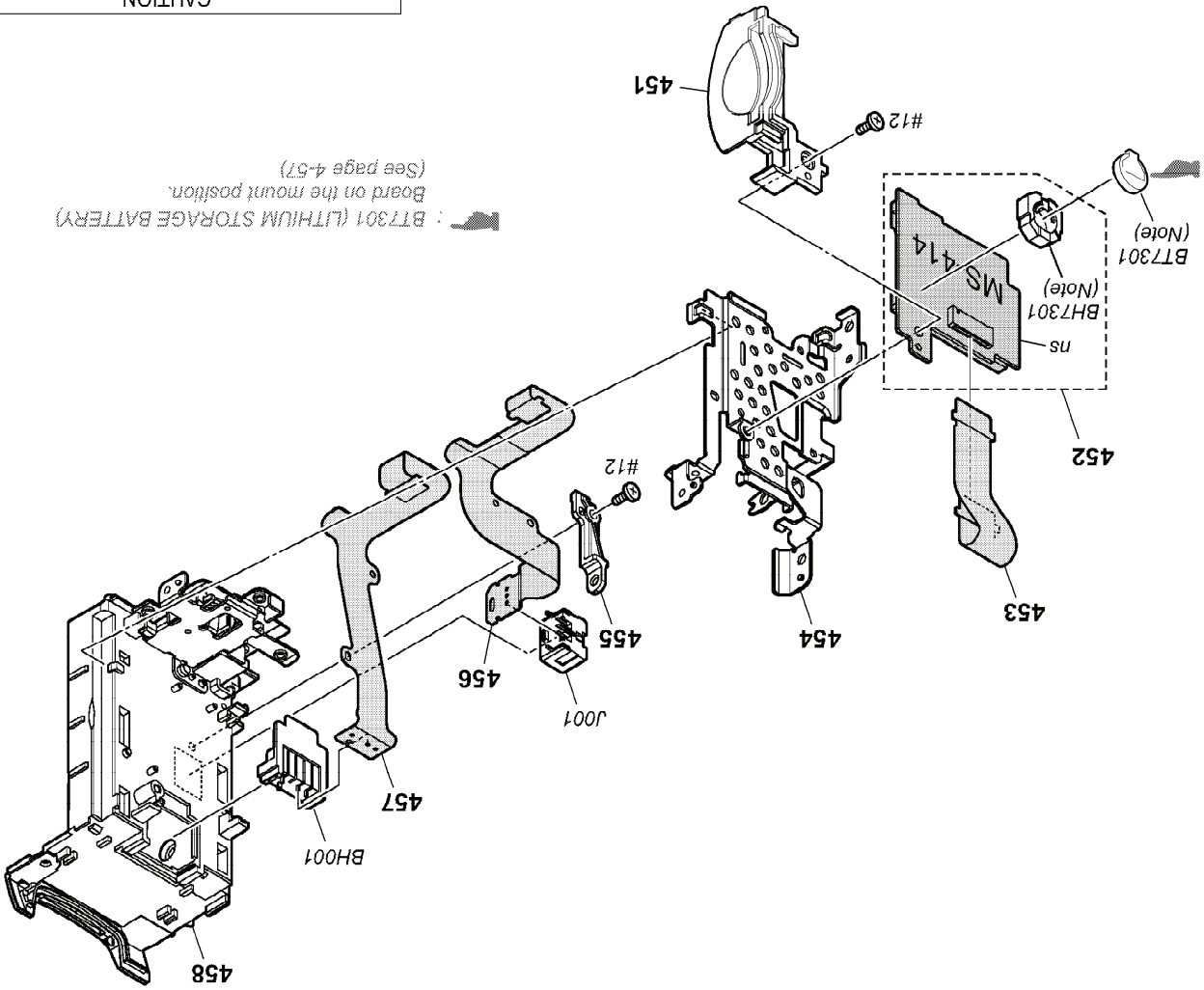
Ref. No.	Part No.	Description
* 409	2-699-236-01	CABINET (222), INNER
* 410	2-668-134-01	PANEL (CF), POLARIZATION
411	4-135-765-01	CABINET (LOWER), VF
412	X-2345-767-1	EYE CUP ASSY
413	X-2345-768-1	FRAME ASSY, VF
LCD902	8-753-241-14	LCX076AKE-1
#12	3-080-204-21	SCREW, TAPPING, P2 (Black)

5. REPAIR PARTS LIST

5-1-10. BT PANEL SECTION

ns: not supplied

HARDWARE LIST



BT7301 (LITHIUM STORAGE BATTERY)
Board on the mount position.
(See page 4-57)

CAUTION
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.
Dispose of used batteries according to the instructions.

Note:
Replace the battery holder (BH7301) together when re-placing the lithium storage battery (BT7301) on the MS-414 board. (The battery holder removed once cannot be used again.)
When mounting these parts, mount new battery holder first and attach new lithium storage battery next.

Ref. No.	Part No.	Description
* 451	4-132-290-01	HOLDER, MS
452	A-1702-506-A	MS-414 BOARD, COMPLETE
453	1-877-638-11	FP-1039 FLEXIBLE BOARD
* 454	4-135-752-01	SHEET METAL, BT
* 455	4-135-753-01	DC, TERMINAL RETAINER
456	1-877-643-11	FP-1044 FLEXIBLE BOARD
457	1-877-644-11	FP-1045 FLEXIBLE BOARD

• Refer to page 5-1 for mark ▲.

Ref. No.	Part No.	Description
458	X-2345-766-1	PANEL ASSY, BT
▲ BH001	1-780-064-21	BATTERY TERMINAL BOARD
▲ BH7301	1-756-615-61	HOLDER, BATTERY (Note)
▲ BT7301	1-756-134-12	BATTERY, STORAGE, LITHIUM (Note)
▲ J001	1-815-792-11	CONNECTOR, DC-IN (7.2V) (DC IN)
#12	3-080-204-21	SCREW, TAPPING, P2 (Black)

5-2. ELECTRICAL PARTS LIST

Ref. No.	Part No.	Description
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A-1702-510-A BL-031 BOARD, COMPLETE

< CAPACITOR >

CS701	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
CS702	1-165-908-11	CERAMIC CHIP	1uF	10%	10V

< CONNECTOR >

* CN5702	1-817-698-81	CONNECTOR, FPC (ZIF) 21P
* CN5703	1-816-647-61	FPC/FPC CONNECTOR (LIF) 18P

< DIODE >

* D5701	6-501-691-01	DIODE NESW007AT-T099 (EVF BACKLIGHT)
* D5702	6-501-955-01	DIODE MAZS056G08S0

< COMPOSITION CIRCUIT BLOCK >

RB5701 1-234-380-21 RES, NETWORK 47K (1005X4)

A-1702-507-A CK-211 BOARD, COMPLETE
(XR500V/XR500VE/XR520V/XR520VE)
A-1702-508-A CK-211 BOARD, COMPLETE
(XR500/XR500E/XR520/XR520E)

< CAPACITOR >

CS801	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
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< CONNECTOR >

* CN5801	1-821-501-11	CONNECTOR, FPC (ZIF) 51P
* CN5802	1-817-910-71	CONNECTOR, FPC (ZIF) 45P
CN5803	1-778-506-21	PIN, CONNECTOR (PC BOARD) 2P

< RESISTOR >

RS801	1-218-960-11	METAL CHIP	3.9K	5%	1/16W
RS802	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
RS804	1-218-955-11	METAL CHIP	1.5K	5%	1/16W
RS805	1-218-964-11	METAL CHIP	8.2K	5%	1/16W
RS806	1-218-954-11	METAL CHIP	1.2K	5%	1/16W

< SWITCH >

* S5801	1-786-914-51	SWITCH, TACTILE (RESET)
* S5802	1-786-914-51	SWITCH, TACTILE (POWER)
* S5803	1-786-914-51	SWITCH, TACTILE (DISC BURN)
* S5804	1-786-914-51	SWITCH, TACTILE (EASY)
* S5805	1-786-914-51	SWITCH, TACTILE (VIEW IMAGES)
* S5806	1-786-914-51	SWITCH, TACTILE (DISP)
S5809	1-771-731-21	SWITCH, SLIDE (GPS)
SS810	1-771-487-11	SWITCH, SLIDE (NIGHTSHOT/LOW LUX/STD)

< SENSOR >

* SE5801	1-487-118-21	GMIR SENSOR
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(PANEL OPEN/CLOSE DETECTION)

Electrical parts list of the CM-103 board is not shown.
Pages 5-13 is not shown.

EG-001	FP-1021	FP-1034	FP-1035	FP-1042	FP-1043	FP-1044	FP-1045	FP-1046
FP-1039								

Ref. No.	Part No.	Description
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< CAPACITOR >

C8801	1-100-581-81	CERAMIC CHIP	0.0047uF	10%	50V
C8802	1-100-581-81	CERAMIC CHIP	0.0047uF	10%	50V
C8803	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C8804	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C8805	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C8806	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C8807	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C8808	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C8809	1-164-874-11	CERAMIC CHIP	100PF	5%	50V

< CONNECTOR >

* CN8801	1-820-857-81	CONNECTOR, FPC (ZIF) 51P
* CN8802	1-816-647-61	FPC/FPC CONNECTOR (LIF) 18P
* CN8803	1-816-644-51	FPC/FPC CONNECTOR (LIF) 12P
CN8804	1-816-646-61	FPC/FPC CONNECTOR (LIF) 16P

< FERRITE BEAD >

FB8801	1-500-238-11	BEAD, FERRITE (CHIP) (1608)
FB8802	1-500-238-11	BEAD, FERRITE (CHIP) (1608)
FB8803	1-500-238-11	BEAD, FERRITE (CHIP) (1608)
FB8804	1-500-238-11	BEAD, FERRITE (CHIP) (1608)
FB8805	1-500-238-11	BEAD, FERRITE (CHIP) (1608)

< RESISTOR >

R8801	1-218-951-11	METAL CHIP	680	5%	1/16W
R8802	1-218-951-11	METAL CHIP	680	5%	1/16W
R8803	1-218-945-11	METAL CHIP	220	5%	1/16W
R8804	1-218-958-11	METAL CHIP	2.7K	5%	1/16W

(There is not mounted electrical parts on FP-1021 flexible board.)

A-1702-501-A FP-1034 FLEXIBLE BOARD, COMPLETE

< CONNECTOR >

* CN001	1-822-379-11	CONNECTOR, BOARD TO BOARD 80P
* CN002	1-822-379-11	CONNECTOR, BOARD TO BOARD 80P

A-1702-500-A FP-1035 FLEXIBLE BOARD, COMPLETE

< CONNECTOR >

* CN101	1-822-379-11	CONNECTOR, BOARD TO BOARD 80P
CN102	1-821-497-11	CONNECTOR, BOARD TO BOARD

(There is not mounted electrical parts on FP-1036 flexible board.)

1-877-635-11 FP-1036 FLEXIBLE BOARD

• Refer to page 5-1 for mark Δ.
HDR-XR500/XR500E/XR500V/XR500VE/
XR520/XR520E/XR520V/XR520VE_L2

Ref. No.	Part No.	Description
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(There is not mounted electrical parts on FP-1037 flexible board.)

1-877-636-11 FP-1037 FLEXIBLE BOARD

1-877-637-11 FP-1038 FLEXIBLE BOARD

(There is not mounted electrical parts on FP-1038 flexible board.)

1-877-638-11 FP-1039 FLEXIBLE BOARD

(There is not mounted electrical parts on FP-1039 flexible board.)

1-877-639-11 FP-1040 FLEXIBLE BOARD

(There is not mounted electrical parts on FP-1040 flexible board.)

1-877-640-11 FP-1041 FLEXIBLE BOARD

(There is not mounted electrical parts on FP-1041 flexible board.)

1-877-641-11 FP-1042 FLEXIBLE BOARD

(There is not mounted electrical parts on FP-1042 flexible board.)

1-877-642-11 FP-1043 FLEXIBLE BOARD

(There is not mounted electrical parts on FP-1043 flexible board.)

1-877-643-11 FP-1044 FLEXIBLE BOARD

(J001 is not included in FP-1044 flexible board.)

< JACK >

Δ J001 1-815-792-11 CONNECTOR, DC IN (7.2V) (DC IN)

1-877-644-11 FP-1045 FLEXIBLE BOARD

(BH001 is not included in FP-1045 flexible board.)

< BATTERY TERMINAL BOARD >

Δ BH001 1-780-064-21 BATTERY TERMINAL BOARD

A-1702-499-A FP-1046 FLEXIBLE BOARD, COMPLETE

< CONNECTOR >

CN001 1-821-166-21 CONNECTOR, HDMI (HDMI)
CN002 1-821-724-21 CONNECTOR, SQUARE TYPE (USB) 5P (USB)

< RESISTOR >

R001 1-216-809-11 METAL CHIP 100 5% 1/10W

A-1702-498-A

FP-1047 FLEXIBLE BOARD, COMPLETE

< CONNECTOR >

CN002

1-815-794-13

CONNECTOR (MULTIPLE) (A/V R)

1-877-647-11

FP-1048 FLEXIBLE BOARD

(J7201 and J7202 are not included in FP-1048 flexible board.)

< JACK >

J7201

1-691-737-42

JACK (SMALL TYPE) (MIC (PLUG IN POWER))

J7202

1-569-950-41

JACK (SMALL TYPE) (HEADPHONES)

A-1702-496-A

FP-1049 FLEXIBLE BOARD, COMPLETE

(S001 is not supplied, but this is included in FP-1049 flexible complete board.)

< SWITCH >

S001

(Not supplied)

DETECTION SWITCH (EVF ON/OFF)

(S001 is supplied included in FP-1049 flexible complete board.)

1-877-649-11

FP-1050 FLEXIBLE BOARD

(There is not mounted electrical parts on FP-1050 flexible board.)

1-877-650-11

FP-1051 FLEXIBLE BOARD

(There is not mounted electrical parts on FP-1051 flexible board.)

Electrical parts list of the FR-298 board is not shown.
Page 5-16 is not shown.

Ret. No. Part No. Description

A-1702-494-A MA-456 BOARD, COMPLETE

< CONNECTOR >

- CN8901 1-816-654-61 FFC/FPC CONNECTOR (LIF) 6P
- * CN8902 1-821-858-51 CONNECTOR, FPC (LIF (NON-ZIF))
- CN8903 1-816-645-61 FFC/FPC CONNECTOR (LIF) 14P

Electrical parts list of the MD-143 board is not shown.
Pages 5-18 to 5-21 are not shown.

Ref. No.	Part No.	Description
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A-1702-506-A MS-414 BOARD, COMPLETE

(BT7301 is not included in MS-414 complete board.)

< BATTERY HOLDER >

Δ BH7301 1-756-615-61 HOLDER, BATTERY (Note)

< BATTERY >

Δ BT7301 1-756-134-12 BATTERY, STORAGE, LITHIUM (Note)

< CAPACITOR >

C7305 1-125-777-11 CERAMIC CHIP 0.1μF 10% 10V

< CONNECTOR >

CN7301 1-816-646-61 FFC/FPC CONNECTOR (LIF) 16P
* CN7302 1-819-990-21 MEMORY STICK DUO CONNECTOR 10P
(MEMORY STICK PRO DUO CONNECTOR)

< DIODE >

D7301 6-501-216-01 DIODE CL-271HR-C-TS (MS ACCESS)

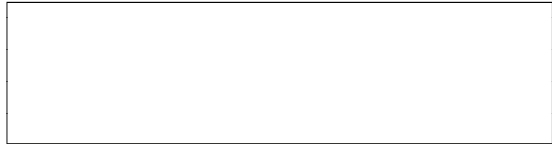
< RESISTOR >

R7303	1-218-944-11	METAL CHIP	180	5%	1/16W
R7304	1-218-944-11	METAL CHIP	180	5%	1/16W
R7305	1-218-944-11	METAL CHIP	180	5%	1/16W
R7306	1-218-944-11	METAL CHIP	180	5%	1/16W
R7309	1-218-945-11	METAL CHIP	220	5%	1/16W

Electrical parts list of the PD-381 board is not shown.
Page 5-23 is not shown.

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.
Dispose of used batteries according to the instructions.



Note: Replace the battery holder (BH7301) together when replacing the lithium storage battery (BT7301) on the MS-414 board. (The battery holder removed once cannot be used again.)
When mounting these parts, mount new battery holder first and attach new lithium storage battery next.

Note:



Ref. No.	Part No.	Description
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A-1702-491-A ST-206 BOARD, COMPLETE

< CAPACITOR >

C5003	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C5004	1-114-238-91	CERAMIC CHIP	22uF	20%	10V
C5005	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C5006	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C5007	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
Δ*C5008	1-116-036-11	ELECT	80uF	99%	315V

< CONNECTOR >

CN5001	1-779-332-51	CONNECTOR, FFC/FPC 16P			
* CN5002	1-816-647-61	FFC/FPC CONNECTOR (LIF) 18P			

< DIODE >

D5001	6-500-619-01	DIODE RB520S 40TE61			
Δ/D5002	6-501-096-01	DIODE CRF02 (TE85R)			

< IC >

Δ*IC5001	6-712-975-01	IC BD4215NUV-E2			
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< COIL >

* L5001	1-400-820-11	INDUCTOR	2.2uH		
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< TRANSISTOR >

Δ*Q5002	6-552-144-01	TRANSISTOR T1G052TS-TL-E			
* Q5003	6-551-852-01	TRANSISTOR UP04313G08S0			

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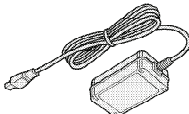
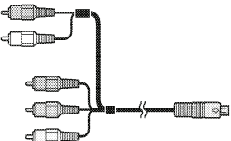
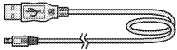
R5008	1-208-923-11	METAL CHIP	33K	0.5%	1/16W
R5009	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R5010	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R5015	1-216-805-11	METAL CHIP	47	5%	1/10W
R5016	1-218-989-11	METAL CHIP	1M	5%	1/16W

< TRANSFORMER >

Δ*T5001	1-445-491-21	D.C.-D.C.CONVERTER TRANSFORMER			
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Electrical parts list of the VC-557 board is not shown.
Pages 5-25 to 5-28 are not shown.

to J MODEL

AC Adaptor (AC:L200C/L200D) * Compatible in L200C and L200D. A/ 1-487-150-21		Power cord (Mains lead) A/ 1-832-121-41 (CH) A/ 1-832-169-41 (UK, HK) A/ 1-833-892-41 (KR) A/ 1-834-482-31 (AEP, NE, E:PAL) A/ 1-834-484-31 (US, CND) A/ 1-834-852-11 (E:NTSC) A/ 1-835-983-11 (AUS) A/ 1-836-251-11 (JE)	Conversion (2P) Adaptor A/ 1-569-007-12 (E:NTSC, JE) 
A/V connecting cable 1-823-156-61		Component A/V cable 1-834-646-11 	Wireless Remote Commander (RMT-835) 1-479-275-43 (AUS) 1-479-275-51 (EXCEPT AUS)
USB cable 1-829-868-31		Rechargeable battery pack (NP-FH60) A/ A-1201-668-A (CH) A/ A-1599-883-A (US, CND) A/ A-1599-884-A (EXCEPT US, CND, CH)	Operating Guide (GPS) HDR-XR500V/XR520V/XR520VE 4-135-833-11 (ENGLISH, SPANISH, FRENCH) 4-135-833-21 (GERMAN, DUTCH, PORTUGUESE, ITALIAN, GREEK, TURKISH, CZECH, HUNGARIAN, SLOVAK, ROMANIAN, SWEDISH, DANISH, FINNISH) (AEP)
Operating Guide (GPS) HDR-XR500V/XR520V/XR520VE 4-131-475-11 (ENGLISH) (AEP, UK, HK, AUS, JE, E:PAL) 4-131-475-21 (FRENCH, GERMAN, ITALIAN, DUTCH) (AEP) 4-131-475-31 (SPANISH, PORTUGUESE, TURKISH, GREEK) (AEP) 4-131-475-41 (CZECH, HUNGARIAN, SLOVAK, POLISH) (AEP) 4-131-475-51 (SWEDISH, DANISH, FINNISH, ROMANIAN) (AEP) 4-131-475-61 (RUSSIAN, UKRAINIAN) (NE, JE) 4-131-475-71 (TRADITIONAL CHINESE) (HK) 4-131-475-81 (SIMPLIFIED CHINESE) (CH, JE, E:PAL) 4-131-475-91 (ARABIC, PERSIAN) (E:PAL) 4-131-954-11 (SIMPLIFIED CHINESE) (CH)		Operating Guide HDR-XR500V/XR520V/XR520VE 4-131-474-11 (ENGLISH, SPANISH) (US, CND, JE, E:NTSC) 4-131-474-21 (FRENCH) (CND) 4-131-474-31 (PORTUGUESE) (JE) 4-131-474-41 (TRADITIONAL CHINESE) (E:NTSC) 4-131-474-51 (KOREAN) (KR, JE)	Operating Guide HDR-XR500V/XR520V/XR520VE 4-131-474-11 (ENGLISH, SPANISH) (US, CND, JE, E:NTSC) 4-131-474-21 (FRENCH) (CND) 4-131-474-31 (PORTUGUESE) (JE) 4-131-474-41 (TRADITIONAL CHINESE) (E:NTSC) 4-131-474-51 (KOREAN) (KR, JE)

- The printed matter is not supplied, if required.
- (Only for destination Japanese model)
日本国内については日本語のみが印刷できる製品が提供可能です。

Handycam Handbook (PDF)

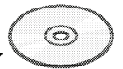


HDR-XR500/XR500V/XR520/XR520V

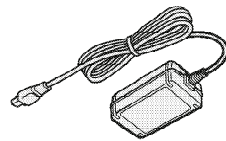
HDR-XR500E/XR500VE/XR520E/XR520VE

* 4-131-473-1 (ENGLISH)
* 4-131-473-2 (FRENCH)
* 4-131-473-3 (GERMAN)
* 4-131-473-4 (ITALIAN)
* 4-131-473-5 (DUTCH)
* 4-131-473-6 (SPANISH)
* 4-131-473-7 (PORTUGUESE)
* 4-131-952-31 (SIMPLIFIED CHINESE)
* 4-131-952-21 (TRADITIONAL CHINESE)
* 4-131-951-71 (FINNISH)
* 4-131-951-81 (ROMANIAN)
* 4-131-951-91 (RUSSIAN)
* 4-131-952-11 (UKRAINIAN)
* 4-131-952-21 (TRADITIONAL CHINESE)
* 4-131-952-31 (SIMPLIFIED CHINESE)
* 4-131-952-41 (ARABIC)
* 4-131-951-1 (CZECH)
* 4-131-951-21 (HUNGARIAN)
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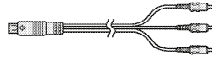
CD-ROM "Handycam Application Software"
— Picture Motion Browser (Software)
— PMB Guide
— Handycam Handbook
4-131-471-01



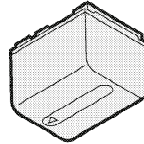
∞ J MODEL
付属品



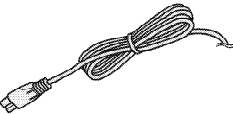
ACアダプター
(AC-L200C/L200D)
* L200CとL200Dには
互換性があります。
△ 1-487-150-21



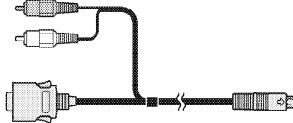
AV接続ケーブル
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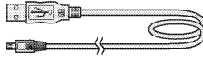
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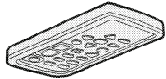
電源コード
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D端子A/Vケーブル
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USBケーブル
1-829-868-31



メモリスリットコン
(RMT-835)
1-479-275-51



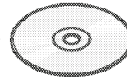
取扱説明書 (GPS)
4-135-833-01 (日本語)



取扱説明書
4-131-474-01 (日本語)

4-131-471-01

- CD-ROM「Handycam
Application Software」
—「Picture Motion Browser」
(ソフトウェア)
—「PMBガイド」
—「ハンディカムハンドブック」



印刷用の取扱説明書.pdf(ハンディカムハンドブック.pdf)は
全ての言語が付属品のCD-ROMに含まれています。
• 印刷物は付属されておられません。
必要な場合は下記部品番号にて注文となります。

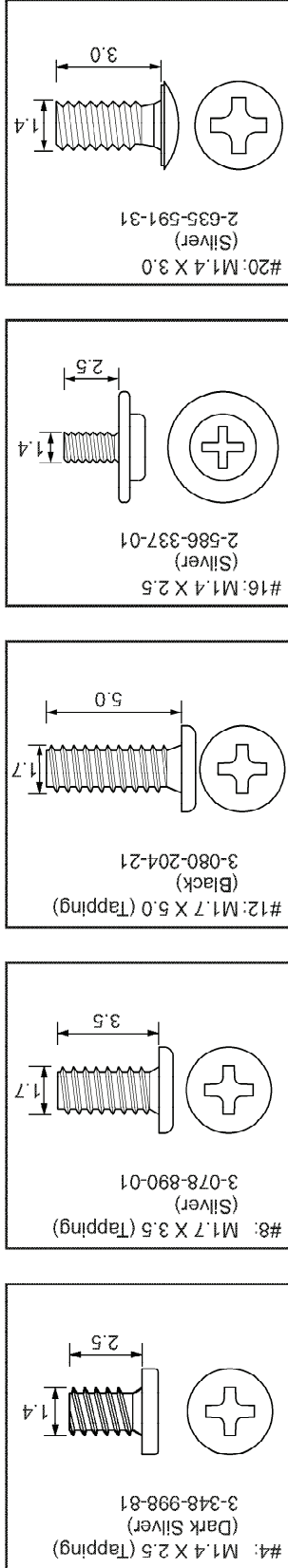
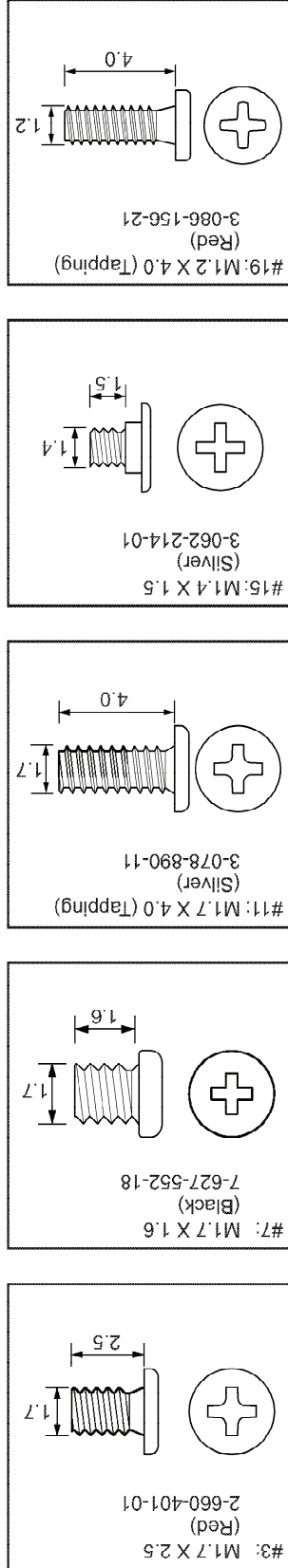
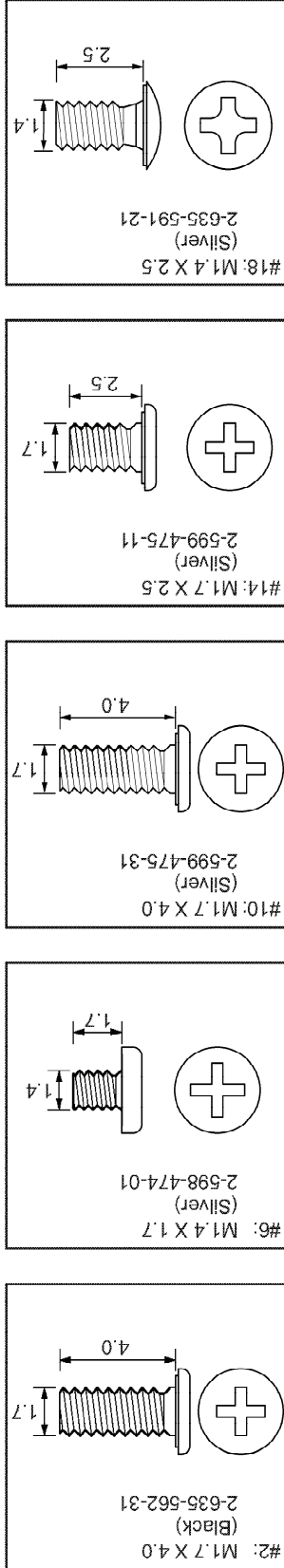
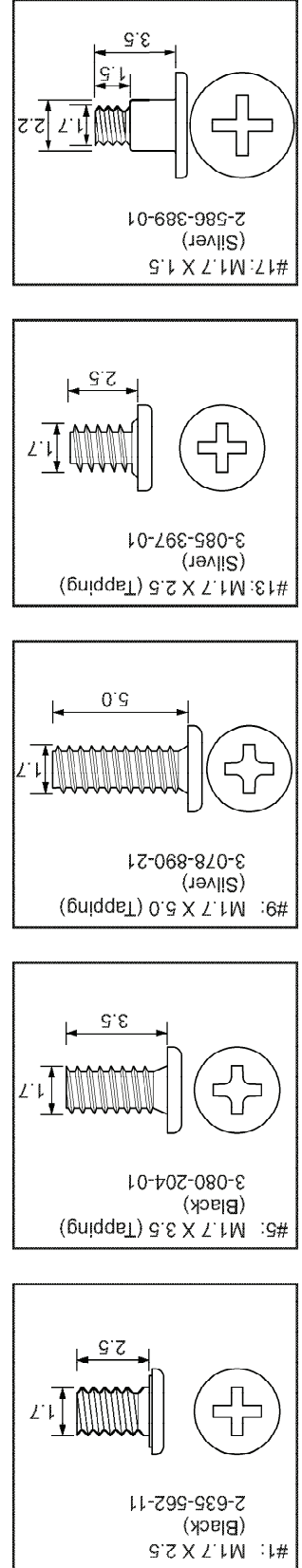


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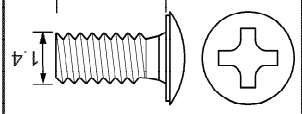
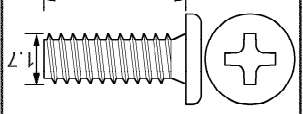
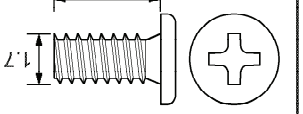
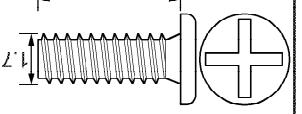
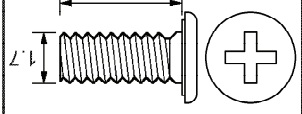
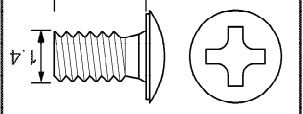
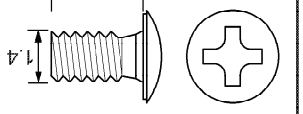
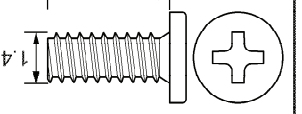
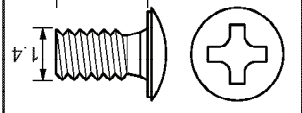
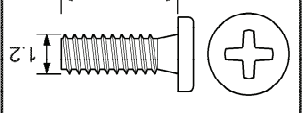
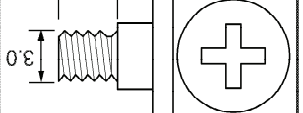
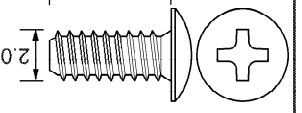
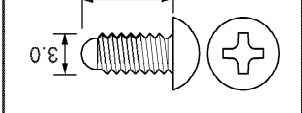
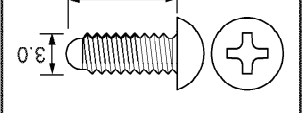
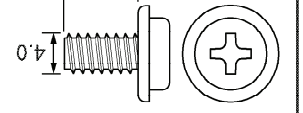
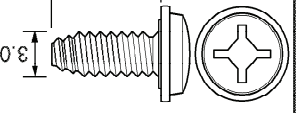
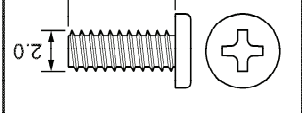
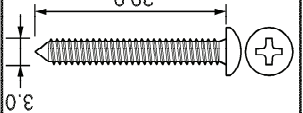
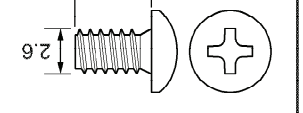
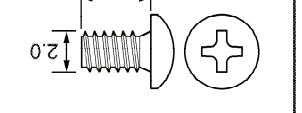
4-131-472-01 (日本語)

∞△マークについては、5-1ページを参照して下さい。

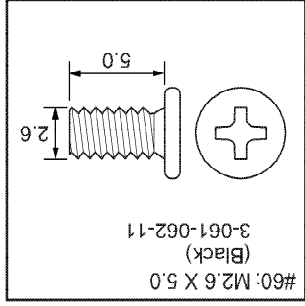
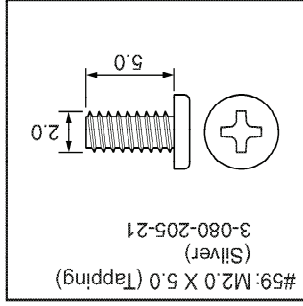
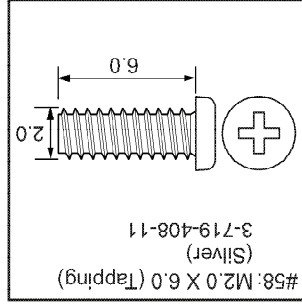
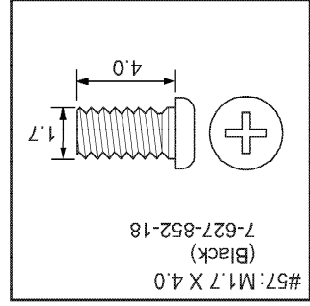
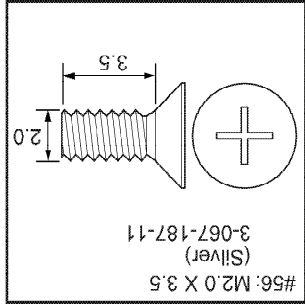
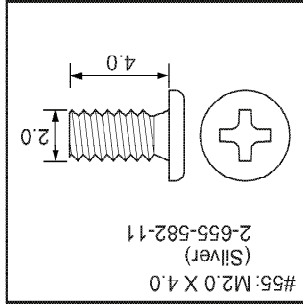
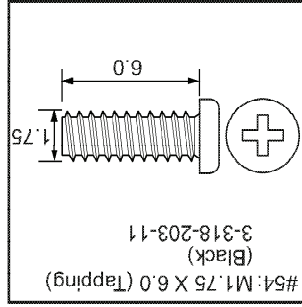
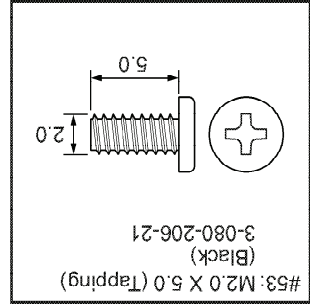
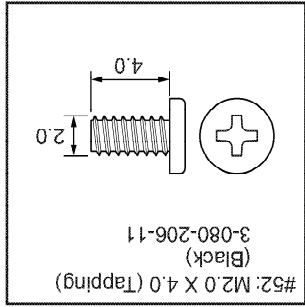
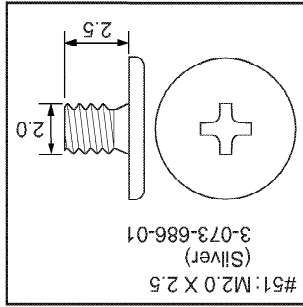
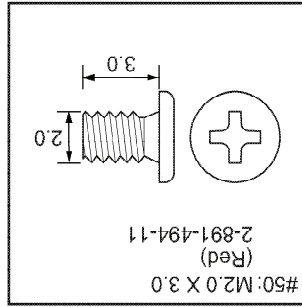
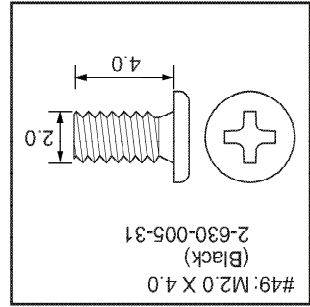
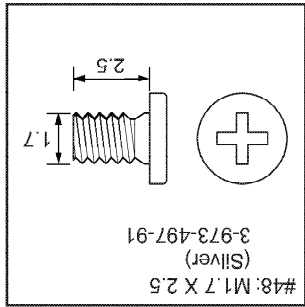
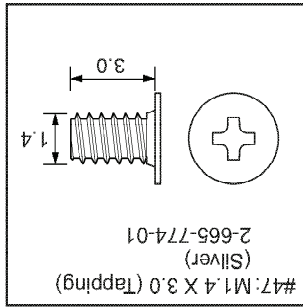
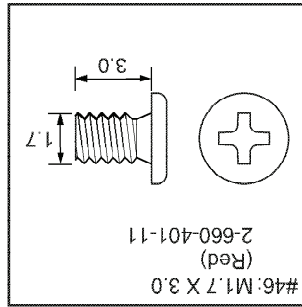
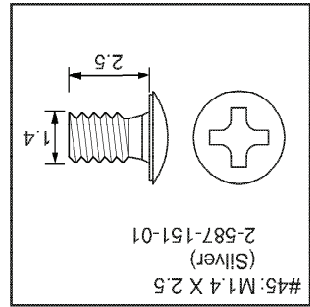
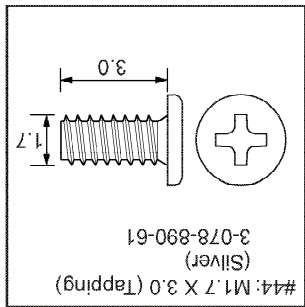
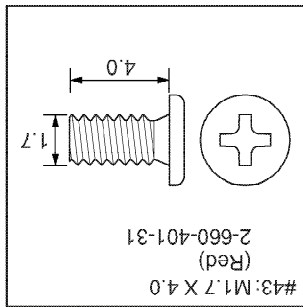
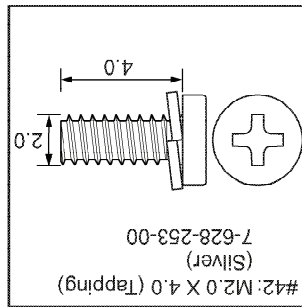
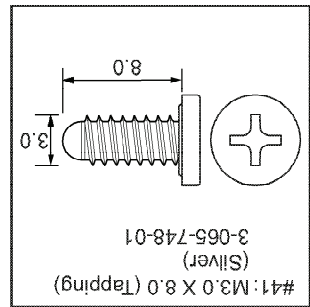
HARDWARE LIST (1/8)



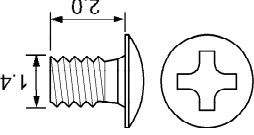
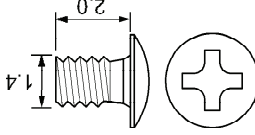
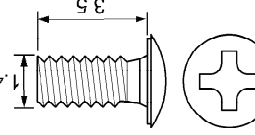
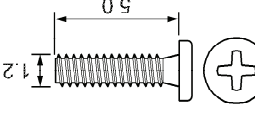
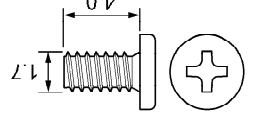
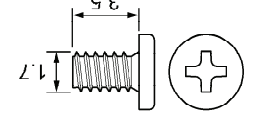
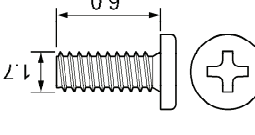
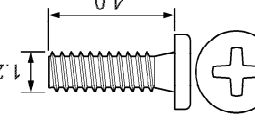
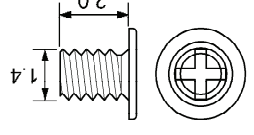
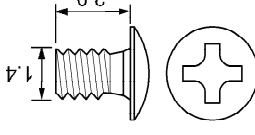
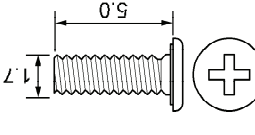
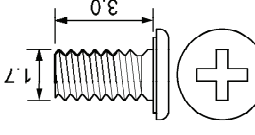
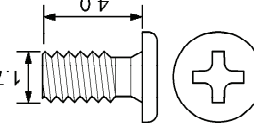
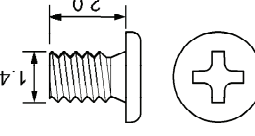
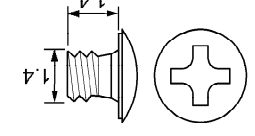
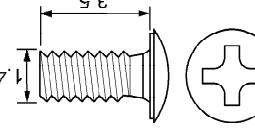
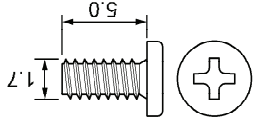
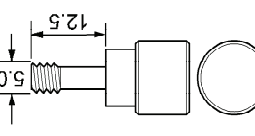
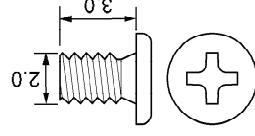
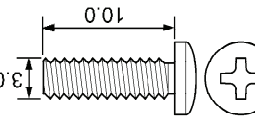
HARDWARE LIST (2/8)

 #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) (Silver) 3-348-998-61
 #29: M1.4 X 2.5 (Black) 2-662-396-01	 #30: M1.2 X 3.5 (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

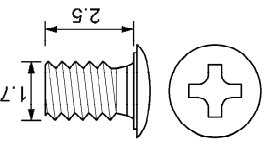
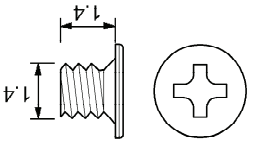
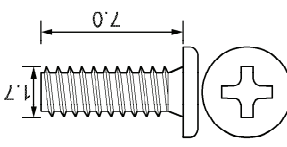
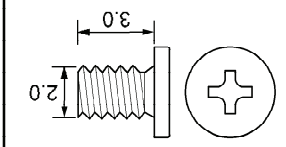
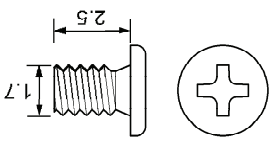
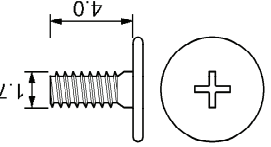
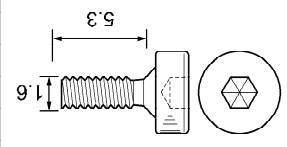
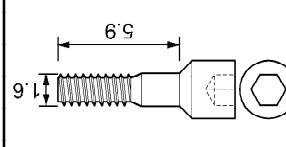
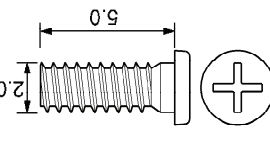
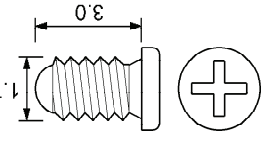
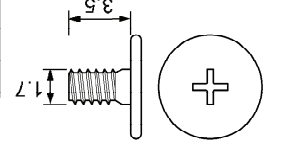
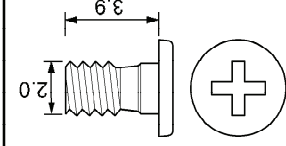
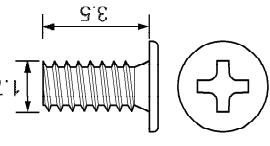
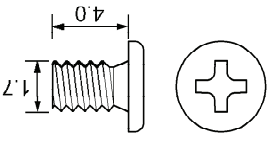
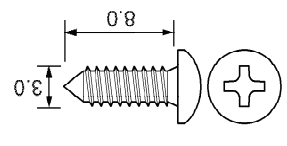
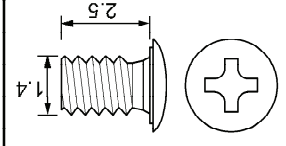
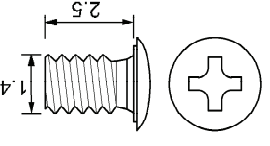
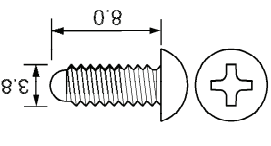
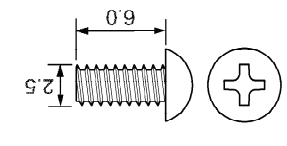
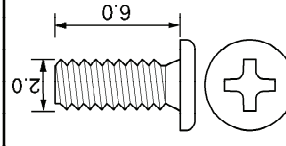
HARDWARE LIST (3/8)



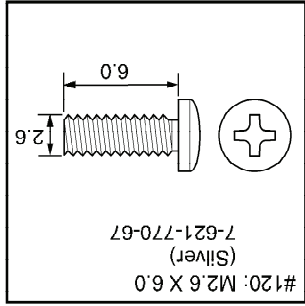
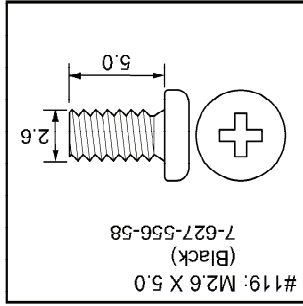
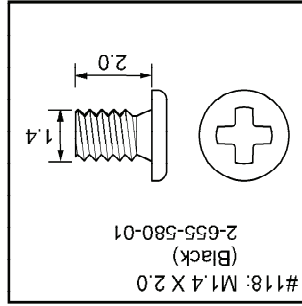
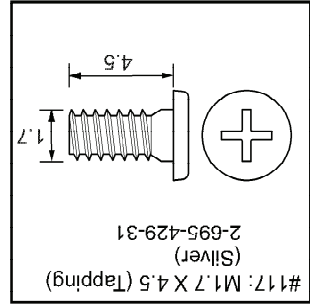
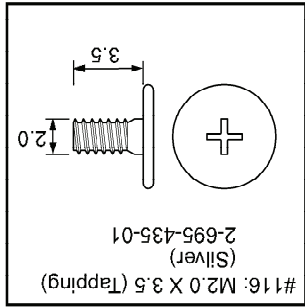
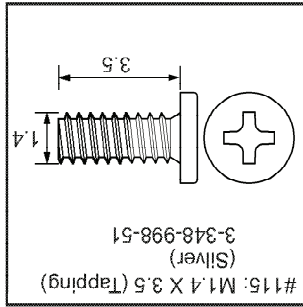
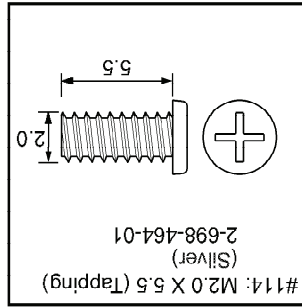
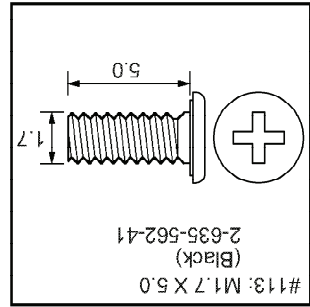
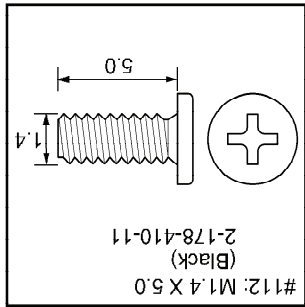
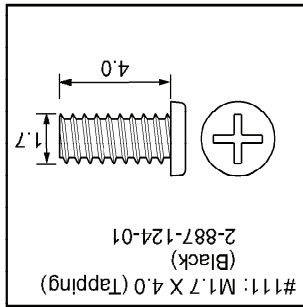
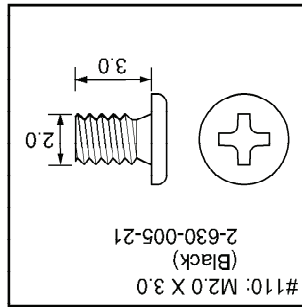
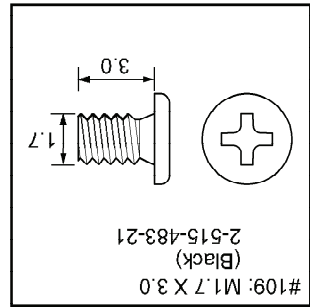
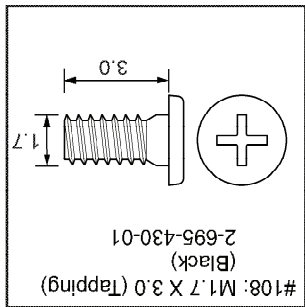
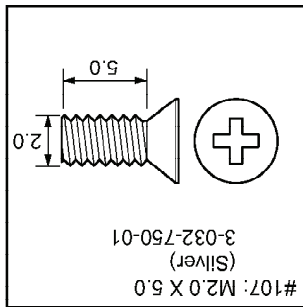
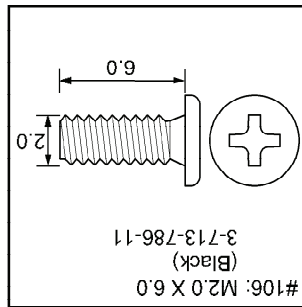
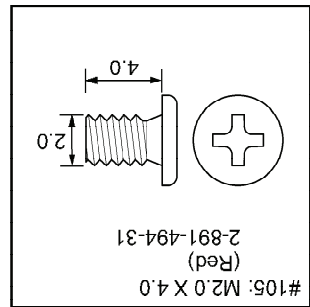
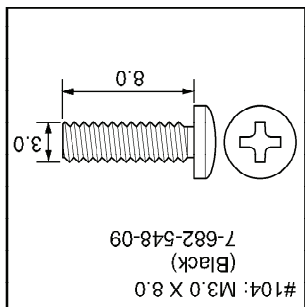
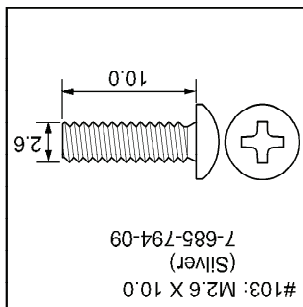
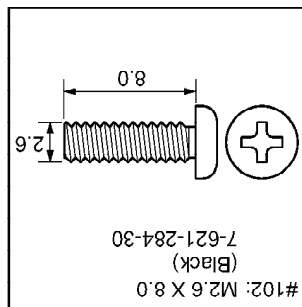
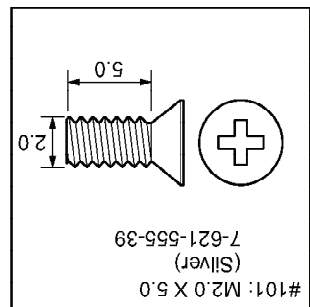
HARDWARE LIST (4/8)

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 #76: M1.7 X 4.0 (Tapping) (Silver) 2-666-551-11	 #75: M1.7 X 3.5 (Tapping) (Silver) 2-666-551-01	 #74: M1.7 X 6.0 (Tapping) (Silver) 2-666-551-31	 #73: M1.2 X 4.0 (Tapping) (Black) 3-086-156-61
 #72: M1.4 X 2.0 (Silver) 4-663-621-41	 #71: M1.4 X 2.0 (Red) 3-208-537-01	 #70: M1.7 X 5.0 (Silver) 2-599-475-41	 #69: M1.7 X 3.0 (Silver) 2-599-475-21
 #68: M1.7 X 4.0 (Silver) 2-655-581-01	 #67: M1.4 X 2.0 (Silver) 3-389-523-16	 #66: M1.4 X 1.4 (Silver) 2-635-591-41	 #65: M1.4 X 3.5 (Silver) 2-635-591-01
 #64: M1.7 X 5.0 (Tapping) (Silver) 2-666-551-21	 #63: M5.0 X 12.5 (Black) 3-060-811-21	 #62: M2.0 X 3.0 (Silver) 3-080-202-21	 #61: M3.0 X 10.0 (Black) 7-682-549-09

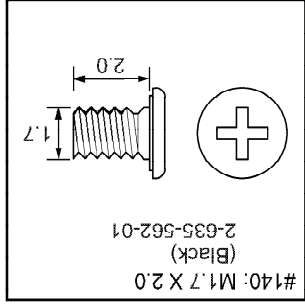
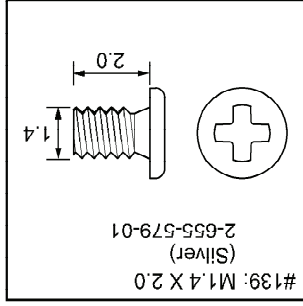
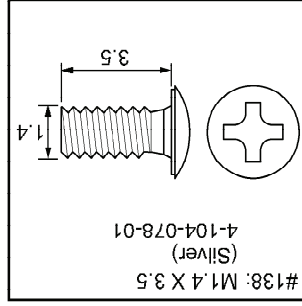
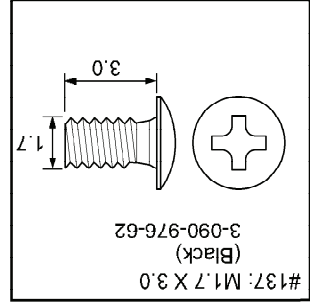
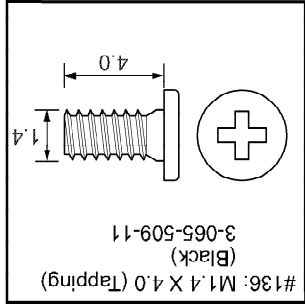
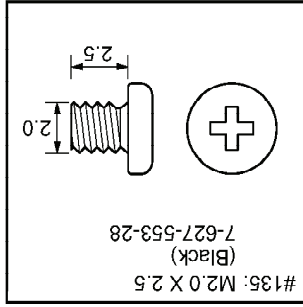
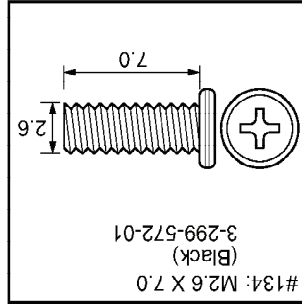
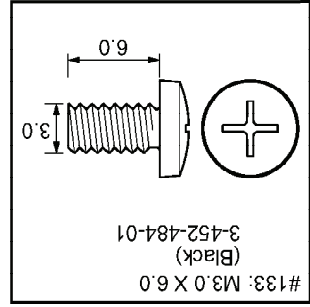
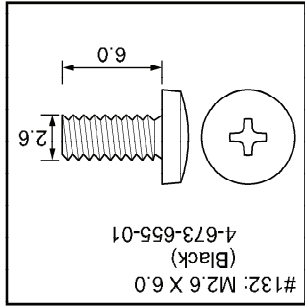
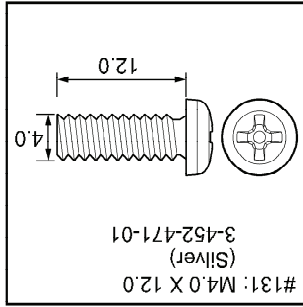
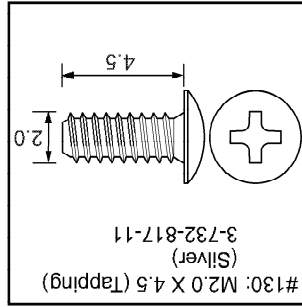
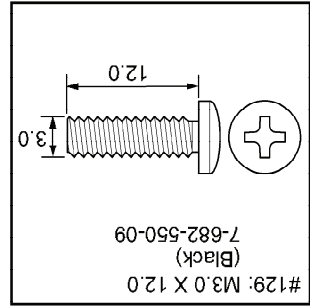
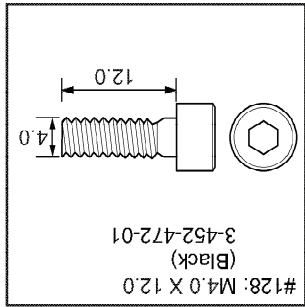
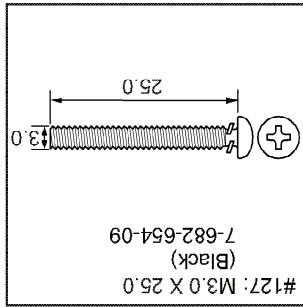
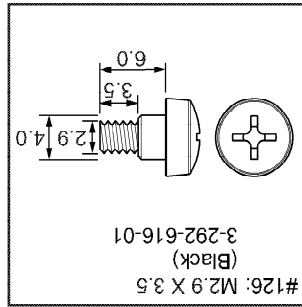
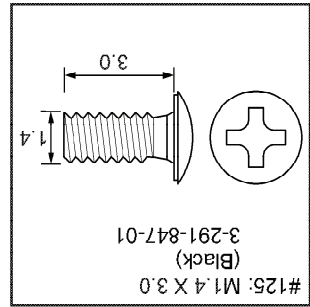
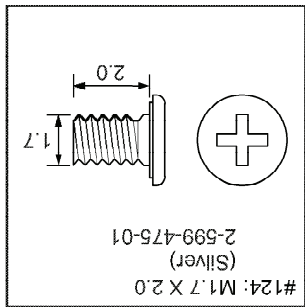
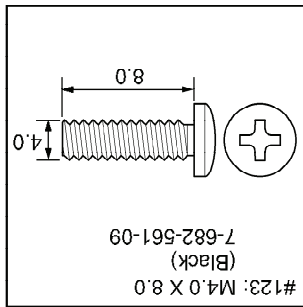
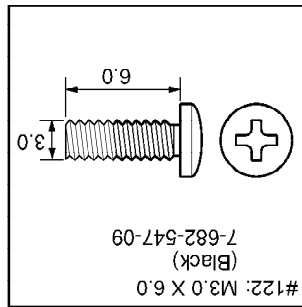
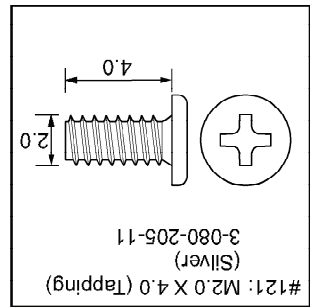
HARDWARE LIST (5/8)

 #81: M1.7 X 2.5 (Silver) 2-515-756-01	 #82: M1.4 X 1.4 (Silver) 3-272-251-01	 #83: M1.7 X 7.0 (Tapping) (Black) 3-080-204-41	 #84: M2.0 X 3.0 (Silver) 3-072-453-11	 #85: M1.7 X 2.5 (Black) 2-515-483-11	 #86: M1.7 X 4.0 (Tapping) (Silver) 2-695-434-21	 #87: M1.6 X 5.3 (Black) 2-689-328-01	 #88: M1.6 X 5.9 (Tapping) (Silver) 2-689-015-01	 #89: M2.0 X 5.5 (Tapping) (Silver) 2-695-575-01	 #90: M1.7 X 3.0 (Silver) 3-271-395-01	 #91: M1.7 X 3.0 (Tapping) (Silver) 2-695-434-11	 #92: M2.0 X 3.9 (Black) 3-268-954-01	 #93: M1.7 X 3.5 (Tapping) (Silver) 3-254-082-01	 #94: M1.7 X 4.0 (Black) 2-515-483-31	 #95: M3.0 X 8.0 (Tapping) (Black) 7-685-646-79	 #96: M1.4 X 2.5 (Silver) 2-587-151-21	 #97: M1.4 X 2.5 (Black) 2-662-396-31	 #98: M3.0 X 8.0 (Silver) 3-077-331-01	 #99: M2.5 X 6.0 (Tapping) (Silver) 3-776-750-02	 #100: M2.0 X 6.0 (Black) 3-080-203-51
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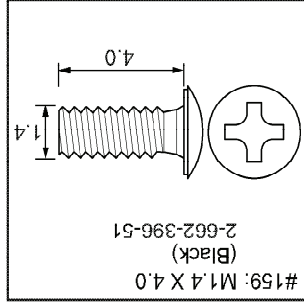
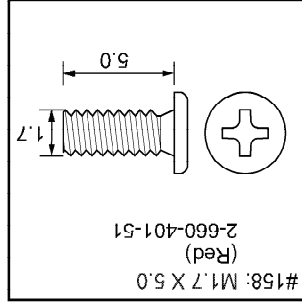
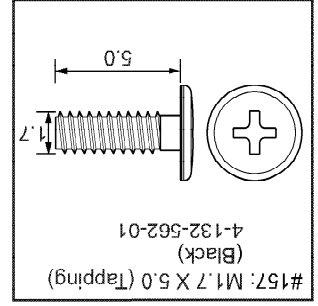
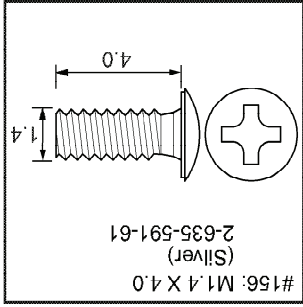
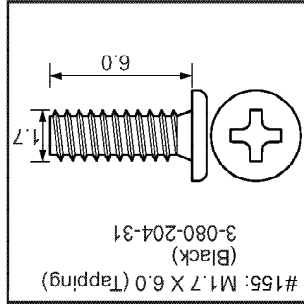
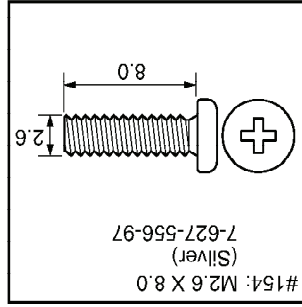
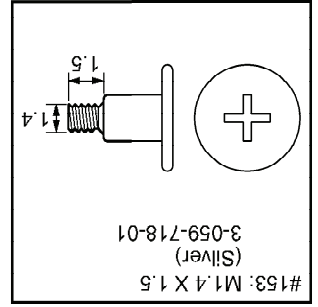
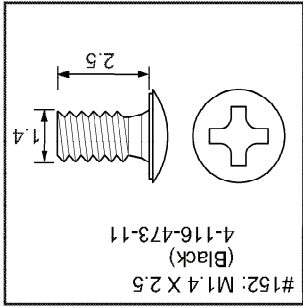
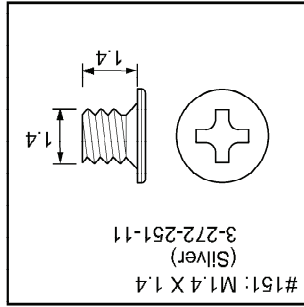
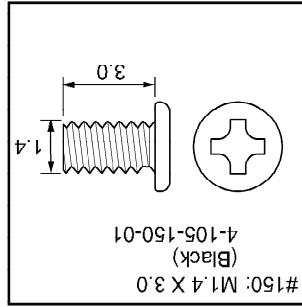
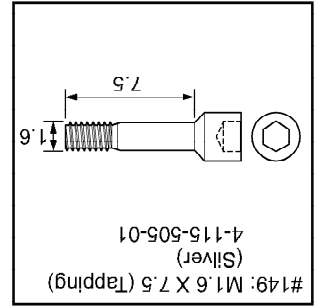
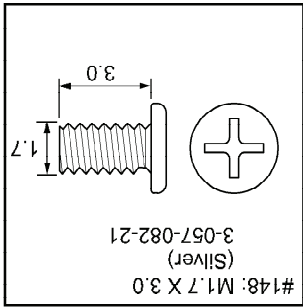
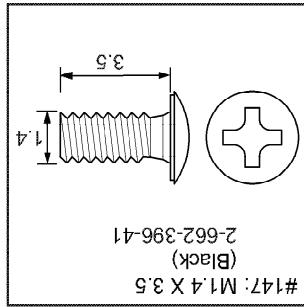
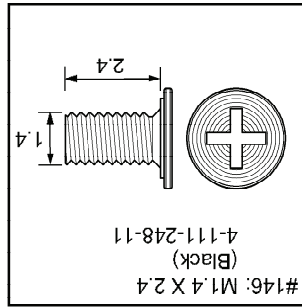
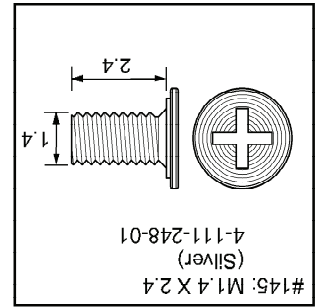
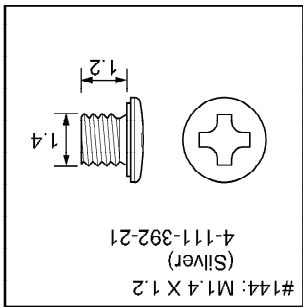
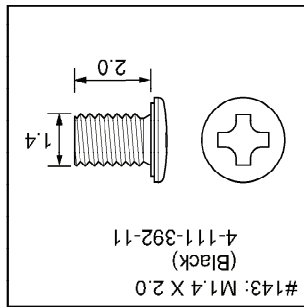
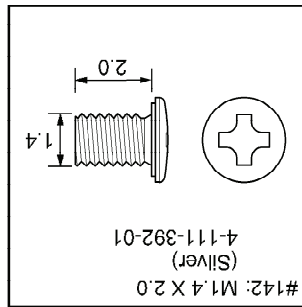
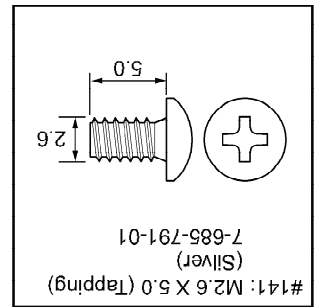
HARDWARE LIST (6/8)



HARDWARE LIST (7/8)



HARDWARE LIST (8/8)



[illegible]