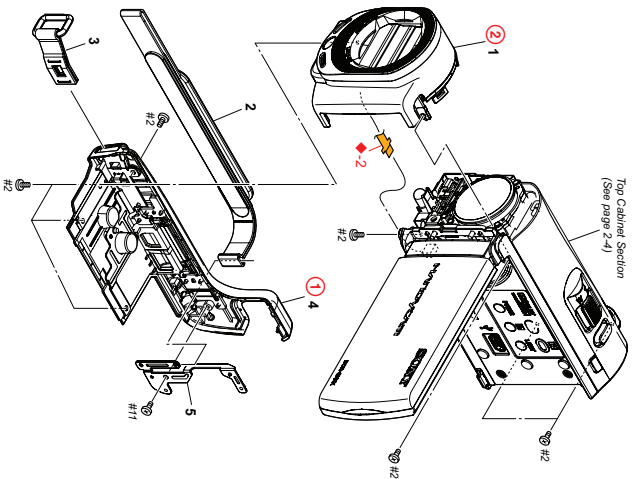


2-1. EXPLODED VIEWS
2-1-1. CABINET (L) SECTION



Ref.No.	Part No.	Description
1	A-1730214	CABINET (F (33) (ASS) (SILVER)
1	A-1730054	CABINET (F (33) (L) (ASS) (BLUE)

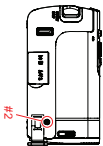
Ref.No.	Part No.	Description
2	4-16-6406-21	BEIT (GRP) (10) (RED)
3	4-12-827-01	BEIT (FRONT) (10) (GRP)

DISASSEMBLY

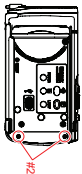
1. Remove to numerical order (①) to (②) in the left figure.
2. The meaning of the sign in left figure is as follows. Be careful when it removes.
◆-X: Flexible Board, Flat Cable, Harness

① #2 X 6

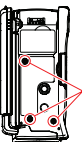
Left View



Right View

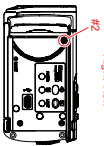


Bottom View

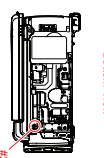


② #2 X 2

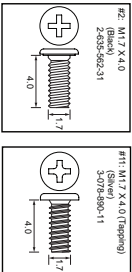
Right View



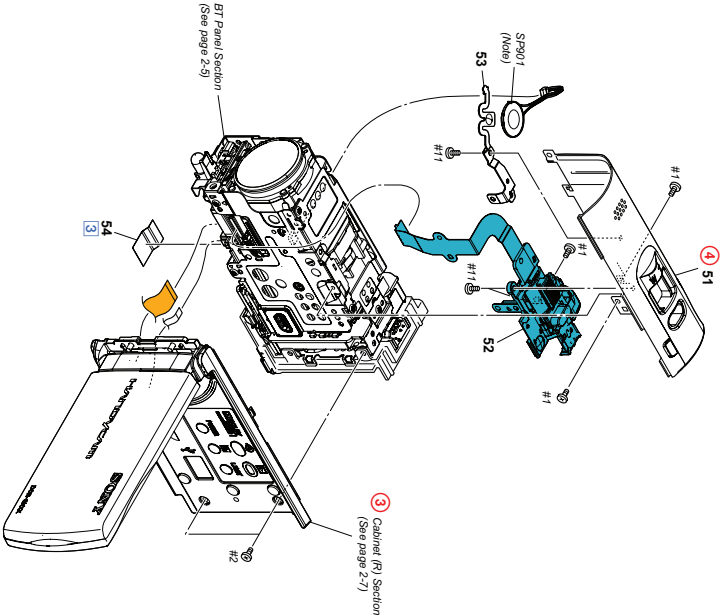
Bottom View



Screw



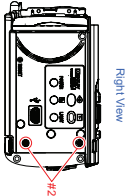
2-1-2.TOP CABINET SECTION



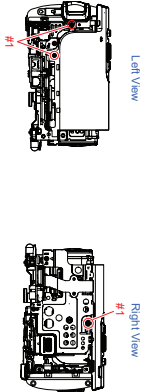
DISASSEMBLY

1. Remove to numerical order (③) to (④) in the left figure.

③ Insulating Sheet (BM) (③) → #2 X 2



④ #1 X 3



Screw

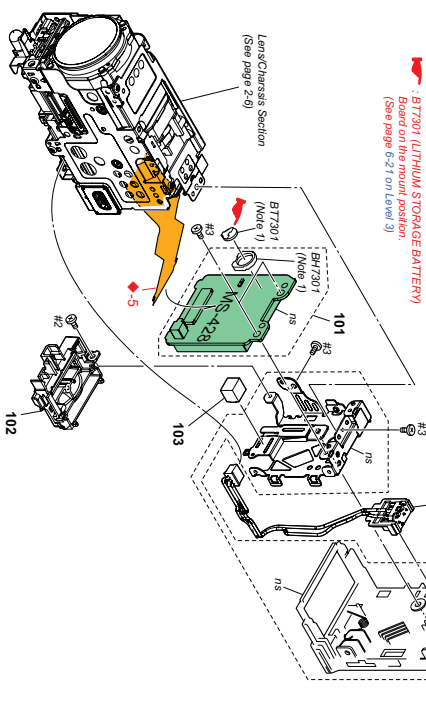
#1: M1.7 X 2.5 (Black) 2-635-962-11	#2: M1.7 X 4.0 (Black) 2-635-962-31	#11: M1.7 X 4.0 (Triming) (Silver) 3-078-806-11
2.5	4.0	4.0

Note

Note : Refer to "Assembly-4-Installation Caution of the Speaker Harness".

2-1-3. BT PANEL SECTION

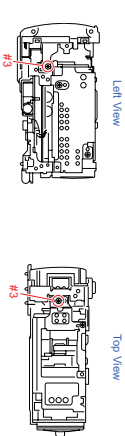
ns: not supplied



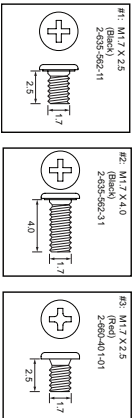
DISASSEMBLY

1. Remove to numerical order (㉟) in the left figure.
2. The meaning of the sign in left figure is as follows. Be careful when it removes.
◆ X: Flexible Board, Flat Cable, Harness

㉟ #3 X 2



Screw



Note

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 1: Replace the battery holder (BH7301) together when replacing the lithium storage battery (BT7301) on the MS-428 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 2: Refer to "Assembly-3 Installation Caution of the Battery Harness".

Ref.No.	Part.No.	Description
101	A-1751-5924A	MS-428 BOARD COMPLETE (SXSCE/SXS3K4E)
101	A-1751-5934A	MS-428 BOARD COMPLETE (SXSCE/SXS3K3E)

Ref.No.	Part.No.	Description
104	A-1761-2774A	PANEL ASSY SERVICE (BT) (SERVICE)
Δ BH7301	1-782-615-61	HOLDER, BATTERY (Note 1)
Δ BH901	1-782-620-11	BATTERY CONNECTOR HARNESS (Note 2)

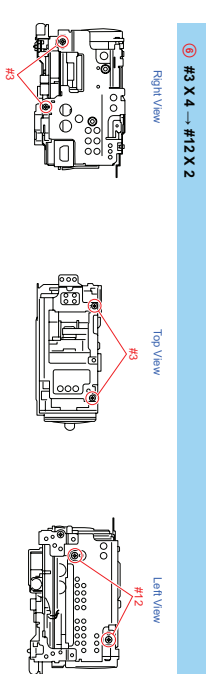
Exploded view diagram of the 2-1-4 lens/chassis section. The diagram illustrates the assembly of various components, including the lens barrel, chassis, and internal electronics. Key components and their assembly sequence are indicated by circled numbers:

- 164**: Lens barrel (orange)
- 167**: Lens barrel cover (dashed box, labeled "SCHE/SW4/SX4/E SX5E/SX63/SX6E")
- 163**: Lens barrel cover (Note 3)
- 162**: Lens barrel cover (Note 3)
- 161**: Lens barrel cover (Note 3)
- 156**: Lens barrel cover (Note 3)
- 157**: Lens barrel cover (Note 3)
- 158**: Lens barrel cover (Note 3)
- 159**: Lens barrel cover (Note 3)
- 155**: Lens barrel cover (Note 2)
- 154**: Lens barrel cover (Note 2)
- 153**: Lens barrel cover (Note 2)
- 152**: Lens barrel cover (Note 2)
- 151**: Lens barrel cover (Note 2)
- 160**: Lens barrel cover (Note 4)
- 165**: Lens barrel cover (Note 4)
- 166**: Lens barrel cover (Note 4)
- 168**: Lens barrel cover (Note 4)
- 169**: Lens barrel cover (Note 4)
- 170**: Lens barrel cover (Note 4)
- 171**: Lens barrel cover (Note 4)
- 172**: Lens barrel cover (Note 4)
- 173**: Lens barrel cover (Note 4)
- 174**: Lens barrel cover (Note 4)
- 175**: Lens barrel cover (Note 4)
- 176**: Lens barrel cover (Note 4)
- 177**: Lens barrel cover (Note 4)
- 178**: Lens barrel cover (Note 4)
- 179**: Lens barrel cover (Note 4)
- 180**: Lens barrel cover (Note 4)
- 181**: Lens barrel cover (Note 4)
- 182**: Lens barrel cover (Note 4)
- 183**: Lens barrel cover (Note 4)
- 184**: Lens barrel cover (Note 4)
- 185**: Lens barrel cover (Note 4)
- 186**: Lens barrel cover (Note 4)
- 187**: Lens barrel cover (Note 4)
- 188**: Lens barrel cover (Note 4)
- 189**: Lens barrel cover (Note 4)
- 190**: Lens barrel cover (Note 4)
- 191**: Lens barrel cover (Note 4)
- 192**: Lens barrel cover (Note 4)
- 193**: Lens barrel cover (Note 4)
- 194**: Lens barrel cover (Note 4)
- 195**: Lens barrel cover (Note 4)
- 196**: Lens barrel cover (Note 4)
- 197**: Lens barrel cover (Note 4)
- 198**: Lens barrel cover (Note 4)
- 199**: Lens barrel cover (Note 4)
- 200**: Lens barrel cover (Note 4)

#	Ref. No.	Part No.	Description
#1	164	1-681-148-11	FP-1241 FLEEBLOOD
#2	*166	X2551-541	FRAME (L/AST) SHEET
#3	*165	4-177-009-01	INSULATING SHEET (PS)
#4	167	41-81-301-01	SHEET FP-241, ROD/ION
#5	*188	41-83-614-01	S/SHEET-SH/AST/SHEET(S/AST)
			SHEET (OD) ROD/ION
#7	Δ1001	1-8157-02-11	CONNECTOR DCM-AN (72V)
#8	*D001	6-50-660-01	FR-10-0005 (Nme 4)
#9	IC701	81-52331-34	ROD/ION-SH/AST/SHEET(S/AST)
#10	IC701	81-52331-34	ROD/ION-SH/AST/SHEET(S/AST)
			S/SHEET-SH/AST/SHEET(S/AST)
#12			S/SHEET-SH/AST/SHEET(S/AST)
#2	2-615-502-31		SHEET (M7)
#3	2-660-040-21		SHEET (M12)
#4	2-660-040-21		SHEET (M12)
#5	2-660-040-21		SHEET (M12)
#6	2-660-040-21		SHEET (M12)
#7	2-660-040-21		SHEET (M12)
#8	2-660-040-21		SHEET (M12)
#9	2-660-040-21		SHEET (M12)
#10	2-660-040-21		SHEET (M12)
#11	2-660-040-21		SHEET (M12)
#12	2-660-040-21		SHEET (M12)
#13	2-660-040-21		SHEET (M12)
#14	2-660-040-21		SHEET (M12)
#15	2-660-040-21		SHEET (M12)
#16	2-660-040-21		SHEET (M12)
#17	2-660-040-21		SHEET (M12)
#18	2-660-040-21		SHEET (M12)
#19	2-660-040-21		SHEET (M12)
#20	2-660-040-21		SHEET (M12)
#21	2-660-040-21		SHEET (M12)
#22	2-660-040-21		SHEET (M12)
#23	2-660-040-21		SHEET (M12)
#24	2-660-040-21		SHEET (M12)
#25	2-660-040-21		SHEET (M12)
#26	2-660-040-21		SHEET (M12)
#27	2-660-040-21		SHEET (M12)
#28	2-660-040-21		SHEET (M12)
#29	2-660-040-21		SHEET (M12)
#30	2-660-040-21		SHEET (M12)
#31	2-660-040-21		SHEET (M12)
#32	2-660-040-21		SHEET (M12)
#33	2-660-040-21		SHEET (M12)
#34	2-660-040-21		SHEET (M12)
#35	2-660-040-21		SHEET (M12)
#36	2-660-040-21		SHEET (M12)
#37	2-660-040-21		SHEET (M12)
#38	2-660-040-21		SHEET (M12)
#39	2-660-040-21		SHEET (M12)
#40	2-660-040-21		SHEET (M12)
#41	2-660-040-21		SHEET (M12)
#42	2-660-040-21		SHEET (M12)
#43	2-660-040-21		SHEET (M12)
#44	2-660-040-21		SHEET (M12)
#45	2-660-040-21		SHEET (M12)
#46	2-660-040-21		SHEET (M12)
#47	2-660-040-21		SHEET (M12)
#48	2-660-040-21		SHEET (M12)
#49	2-660-040-21		SHEET (M12)
#50	2-660-040-21		SHEET (M12)
#51	2-660-040-21		SHEET (M12)
#52	2-660-040-21		SHEET (M12)
#53	2-660-040-21		SHEET (M12)
#54	2-660-040-21		SHEET (M12)
#55	2-660-040-21		SHEET (M12)
#56	2-660-040-21		SHEET (M12)
#57	2-660-040-21		SHEET (M12)
#58	2-660-040-21		SHEET (M12)
#59	2-660-040-21		SHEET (M12)
#60	2-660-040-21		SHEET (M12)
#61	2-660-040-21		SHEET (M12)
#62	2-660-040-21		SHEET (M12)
#63	2-660-040-21		SHEET (M12)
#64	2-660-040-21		SHEET (M12)
#65	2-660-040-21		SHEET (M12)
#66	2-660-040-21		SHEET (M12)
#67	2-660-040-21		SHEET (M12)
#68	2-660-040-21		SHEET (M12)
#69	2-660-040-21		SHEET (M12)
#70	2-660-040-21		SHEET (M12)
#71	2-660-040-21		SHEET (M12)
#72	2-660-040-21		SHEET (M12)
#73	2-660-040-21		SHEET (M12)
#74	2-660-040-21		SHEET (M12)
#75	2-660-040-21		SHEET (M12)
#76	2-660-040-21		SHEET (M12)
#77	2-660-040-21		SHEET (M12)
#78	2-660-040-21		SHEET (M12)
#79	2-660-040-21		SHEET (M12)
#80	2-660-040-21		SHEET (M12)
#81	2-660-040-21		SHEET (M12)
#82	2-660-040-21		SHEET (M12)
#83	2-660-040-21		SHEET (M12)
#84	2-660-040-21		SHEET (M12)
#85	2-660-040-21		SHEET (M12)
#86	2-660-040-21		SHEET (M12)
#87	2-660-040-21		SHEET (M12)
#88	2-660-040-21		SHEET (M12)
#89	2-660-040-21		SHEET (M12)
#90	2-660-040-21		SHEET (M12)
#91	2-660-040-21		SHEET (M12)
#92	2-660-040-21		SHEET (M12)
#93	2-660-040-21		SHEET (M12)
#94	2-660-040-21		SHEET (M12)
#95	2-660-040-21		SHEET (M12)
#96	2-660-040-21		SHEET (M12)
#97	2-660-040-21		SHEET (M12)
#98	2-660-040-21		SHEET (M12)
#99	2-660-040-21		SHEET (M12)
#100	2-660-040-21		SHEET (M12)

1. Remove to numerical order (**6** to **8**) in the left figure.

1. Remove to numerical order (**6** to **8**) in the left figure.



	#2, M1.7 X 4.0 (Black) 2-635-952-31
	#3, M1.7 X 2.5 (Black) 2-660-001-01
	#12, M1.7 X 5.0 (Thipping) (Black) 3-000-204-21

Note 1: Be sure to read "Precautions for Replacement of Imager" on page 6-1 when changing the imager.

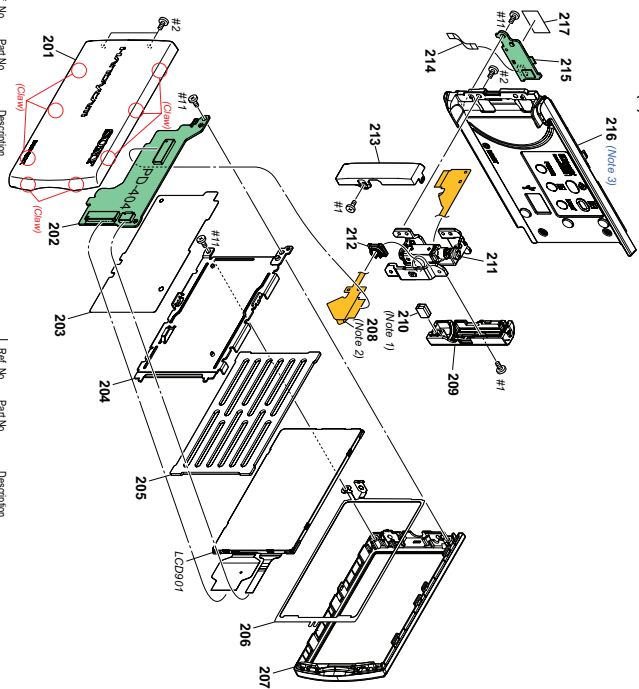
Note 1: Be sure to read "Precautions for Replacement of Imager" on page 6-1 when changing the imager.

Note 2: be sure to read "Assembly-1: How to Distinguish The Side of Optical Filter Block Facing to Lens Device" when changing the optical filter block.

Note 3: When replacing the VC-587 board, start the Adjust Manual in the Adjust Station and refer to the "INTERNAL MEMORY ADJUSTMENTS".

Note 4: Refer to "Assembly-2:Precaution Mounting Method of D901 (LED video light)".

2-1-5. CABINET (R) SECTION



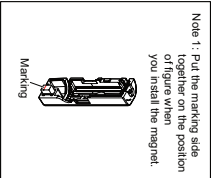
Ref.No.	Part.No.	Description	Ref.No.	Part.No.	Description
201	A-1750-023-A	CABINET (C (43S)) ASSY P (SXA4SILVER/SXAE SILVER)	* 203	4-168-447-01	INSULATING SHEET PD
201	A-1750-073-A	CABINET (C (33S)) ASSY P (SX3S SILVER)	* 204	4-168-446-01	PLATE LCD
201	A-1750-074-A	CABINET (C (63S)) ASSY P (SX6S X03E)	205	4-168-446-01	CUSHION LCD
201	A-1750-075-A	CABINET (C (53S)) ASSY (SX5S)	206	4-168-445-01	PLATE P GROUND
201	A-1750-076-A	CABINET (C (44S)) ASSY (SXA4 SILVER/SXAE SILVER)	207	4-168-444-01	CABINET (M) P
201	A-1750-077-A	CABINET (C (44S)) ASSY P (SX3S SILVER)	208	1-885-151-11	PP-1169 FLEXIBLE BOARD (Nvb 2)
201	A-1750-087-A	CABINET (C (43A)) ASSY P (SX4S BLUE)	* 209	4-168-445-01	COVER (U) HINGE
201	A-1750-088-A	CABINET (C (34A)) ASSY P (SX4S BLUE)	* 210	4-168-445-01	COVER (U) HINGE (RED)
201	A-1750-089-A	CABINET (C (34A)) ASSY P (SX4S BLUE)	* 211	X-2541-589-1	HINGE Y (A) ASSY 10 STYLE
201	A-1750-090-A	CABINET (C (34A)) ASSY P (SX4S BLUE)	* 212	4-168-451-01	CLAMP FLEXIBLE
201	A-1750-091-A	CABINET (C (43R)) ASSY P (SX4S RED)	* 213	4-168-450-01	COVER (O) HINGE SILVER
201	A-1750-092-A	CABINET (C (33R)) ASSY P (SX3S RED)	* 213	4-168-450-01	COVER (O) HINGE BLUE
201	A-1750-093-A	CABINET (C (44R)) ASSY P (SX4S RED)	* 214	4-168-450-21	COVER (O) HINGE (RED)
201	A-1750-094-A	CABINET (C (44R)) ASSY P (SX4S RED)	215	A-1751-549-A	OC-023 BOARD COMPLETE (SERVICE)
201	A-1750-095-A	CABINET (C (44R)) ASSY P (SX4S RED)	216	A-1750-023-A	CABINET (R (331)) ASSY (Nvb 3)
201	A-1750-096-A	CABINET (C (44R)) ASSY P (SX4S RED)	217	4-178-225-01	SHEET (OC)

Screw

#1: (Black) M1.7 X 2.5 Z-635-562-11	#2: (Black) M1.7 X 4.0 Z-635-562-31	#11: (Silver) M1.7 X 4.0 (Tipping) S-078-890-11

Note

Note 1: Put the marking side together on the position of figure when you install the magnet.



Note 2: Refer to "Assembly-5: The method of attachment of FP-1169 Flexible Board".

Note 3: CONTROL SWITCH BLOCK (SK33100) is supplied in CABINET (R (331)) ASSY.

Checking supplied accessories.

AC Adaptor
(AC-L200CL200D)

(EXCEPT BR)
* Compatible in
L200C and L2001
Δ 1-487-150-51



Power cord (Mains lead)

(EXCEPT BR)
 1-783-952-71 (AR)
 1-832-121-41 (CH)
 1-832-168-41 (UK)
 1-833-882-41 (KR)
 1-834-482-21
 (AP NE, ENTSC (Latin America), E/PAL
 1-834-484-31 (US, CAN)
 1-834-882-11 (ENTSC (EXCEPT Latin America))
 1-835-881-11 (AUS)



Conversion (ZP) Adaptor
 Δ 1-569-008-33
 (ENTSC (Latin America))



Conversion (2P) Adaptor
 Δ 1-569-007-12 (E-NTSC (EXCEPT Latin America))



A/V connecting cable
1-823-156-61



USB cable
1-835-993-3



Operating Guide

4-170-098-11 (ENGLISH, SPANISH)
4-170-098-12 (FRENCH)
4-170-098-41 (TRADITIONAL CHINESE)
4-170-098-51 (KOREAN)
4-170-099-11 (ENGLISH)
4-170-099-12 (FRENCH, DUTCH, GERMAN, ITALIAN)
4-170-099-31 (SPANISH, PORTUGUESE, GREEK, TURKISH)
4-170-099-41 (POLISH, CZECH, HUNGARIAN, SLOVAK)
4-170-099-51 (DANISH, FINNISH, SWEDISH, ROMANIAN)
4-170-099-61 (RUSSIAN, UCRANIAN)
4-170-099-81 (SIMPLIFIED CHINESE) (E PLAL, EXCEPT middle east)
4-170-099-91 (ARABIC, PERSIAN)
4-170-101-12 (SIMPLIFIED CHINESE) (CH)



Rechargeable battery pack

Δ A-1738-740-A (US, CND)
Δ A-1738-741-A (EXCEPT US, CND, CH)
Δ A-1738-742-A (CH)



CD-ROM "Handycam
Application Software"
– "PMS" (software) including "PMS Guide"
– "Handycam Handbook" (PDF)
4-169-512-01



- The printed matter is not supplied. If required, please order it with the part number below.

Handycam Handbook (PDF)

4.170.904.11 (ENGLISH)	4.170.905.41 (POLISH)
4.170.904.12 (SPANISH)	4.170.905.42 (SPANISH)
4.170.904.13 (FRENCH)	4.170.905.43 (FRENCH)
4.170.904.14 (PORTUGUESE)	4.170.905.44 (PORTUGUESE)
4.170.904.51 (TRADITIONAL CHINESE)	4.170.905.51 (ROMANIAN)
4.170.905.11 (ENGLISH)	4.170.907.11 (SPANISH)
4.170.905.12 (FRENCH)	4.170.907.12 (TRADITIONAL CHINESE)
4.170.905.13 (SPANISH)	4.170.907.13 (SPANISH)
4.170.905.14 (DUTCH)	4.170.907.14 (FRENCH)
4.170.905.41 (SPANISH)	4.170.907.51 (MALAY)
4.170.905.42 (FRENCH)	4.170.907.52 (SPANISH)

The changed portions from
Ver. 1.0 are shown in blue.

2.2. ELECTRICAL PARTS LIST

Ref.No.	PartNo.	Description
A-7151-596A	CD-772	BOARD COMPLETE

(IC7101 (C0D IMAGEN) is not included in CD-772 complete board.)

< CAPACITOR >		
C7701	1-127-2820-11	CERAMIC CHIP 4.7uF 10% 16V
C7703	1-100-597-81	CERAMIC CHIP 0.01uF 10% 25V
C7704	1-127-2820-11	CERAMIC CHIP 4.7uF 10% 16V
C7705	1-164-854-41	CERAMIC CHIP 15PF 5% 50V
C7708	1-100-597-91	CERAMIC CHIP 0.1uF 10% 25V
< IC >		

IC7101	8-735-331-34	ICX890NMC-H (SXAS544SX63) (Not)
IC7101	8-735-331-35	ICX890NMC-H (SXAS544SX64E SXAS5X63) (Not)
< CONNECTOR >		

* CN7101	1-818-616-71	CONNECTOR FFC/FFC (2P) 28P
< COIL >		
* L7101	1-481-425-21	INDUCTOR 10uH
< TRANSISTOR >		

QT101	8-728-923-27	TRANSISTOR 2SC4082-1108P
< RESISTOR >		
R7101	1-218-959-11	METAL CHIP 3.3K 5% 1/8W

1-880-150-11	FP-1168	FLEXIBLE BOARD

1-880-151-11	FP-1168	FLEXIBLE BOARD

1-881-148-11	FP-1241	FLEXIBLE BOARD

A-7151-549A	OC-023	BOARD COMPLETE (SERVICE)

< CAPACITOR >		
C8601	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
< CONNECTOR >		
CN8601	1-816-654-61	FFC/FFC CONNECTOR (L/F) 8P
CN8602	1-816-654-61	FFC/FFC CONNECTOR (L/F) 8P
< RESISTOR >		

Ref.No.	PartNo.	Description
S8601	1-786-914-31	SWITCH TACTILE
< SENSOR >		
* S8601	1-487-116-11	GMR SENSOR (PANEL OPEN/CLOSE DETECT)
< COIL >		
A-7151-597A	PD-404	BOARD COMPLETE

(SE6401 is not supplied, but it is included in PD-404 complete board.)

< CAPACITOR >		
C6401	1-100-597-81	CERAMIC CHIP 0.01uF 10% 25V
C6402	1-100-591-81	CERAMIC CHIP 0.0047uF 10% 50V
* C6403	1-114-582-11	CERAMIC CHIP 0.1uF 10% 16V
C6404	1-168-884-11	CERAMIC CHIP 2.2uF 10% 6.3V
C6405	1-112-746-11	CERAMIC CHIP 4.7uF 10% 6.3V

C6406	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C6408	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C6409	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V
C6410	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V
C6411	1-112-300-91	CERAMIC CHIP 4.7uF 10% 10V

C6412	1-125-889-11	CERAMIC CHIP 2.2uF 10% 10V
C6414	1-100-591-91	CERAMIC CHIP 1uF 10% 25V
C6415	1-125-889-11	CERAMIC CHIP 2.2uF 10% 10V
* C6416	1-112-288-91	CERAMIC CHIP 1uF 10% 16V
* C6417	1-112-288-91	CERAMIC CHIP 1uF 10% 16V
< CONNECTOR >		

CN6401	1-822-378-11	CONNECTOR FFC (2P) 38P
CN6402	1-821-503-11	CONNECTOR FFC (2P) 38P
CN6403	1-816-654-61	FFC/FFC CONNECTOR (L/F) 8P
< COIL >		

* L6401	1-481-102-21	INDUCTOR 10uH
* L6402	1-481-102-21	INDUCTOR 10uH
< TRANSISTOR >		

* Q6401	6-652-337-01	TRANSISTOR DMG8640N1L
* Q6402	6-652-337-01	TRANSISTOR DMG8640N1L
< RESISTOR >		

R6402	1-218-953-11	METAL CHIP 1K 5% 1/8W
R6403	1-218-953-11	METAL CHIP 1K 5% 1/8W
R6405	1-218-985-11	METAL CHIP 470K 5% 1/8W
< SENSOR >		
SE6401	(Not supplied)	AIR SENSOR (PANEL NORMAL/REVERSE DETECT)
(SE6401 is supplied included in PD-404 complete board.)		
< RESISTOR >		

Note : Be sure to read "Precautions for Replacement of Image" on page 6-1 when changing the image.

Please refer to LEVEL 3 about the ELECTRICAL PARTS LIST of DA-048 MS-428 and VC-587

CD-772 FP-1168 FP-1169 FP-1241 OC-023 PD-404