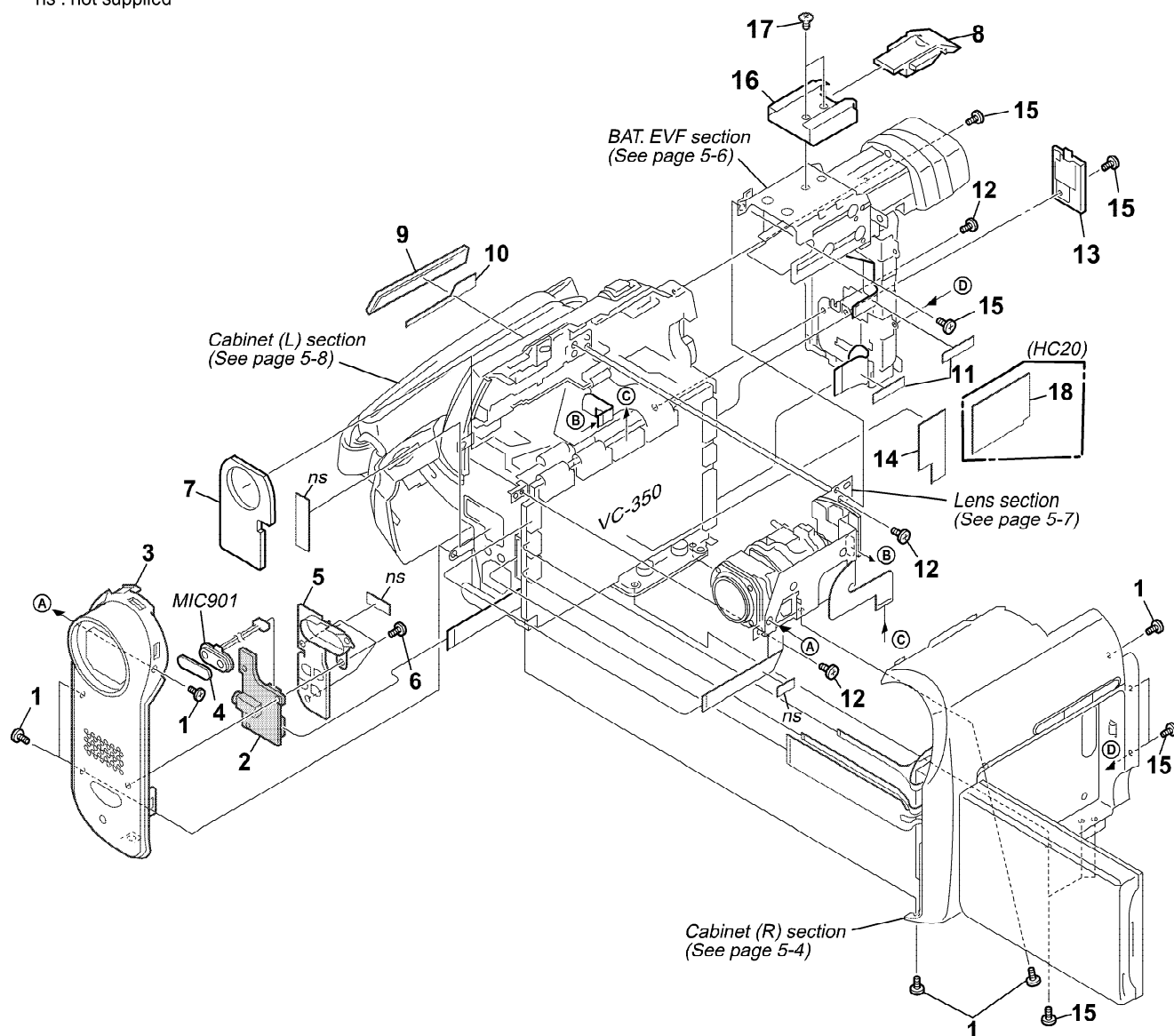


5. REPAIR PARTS LIST

5-1. EXPLODED VIEWS

5-1-1. OVERALL SECTION

ns : not supplied



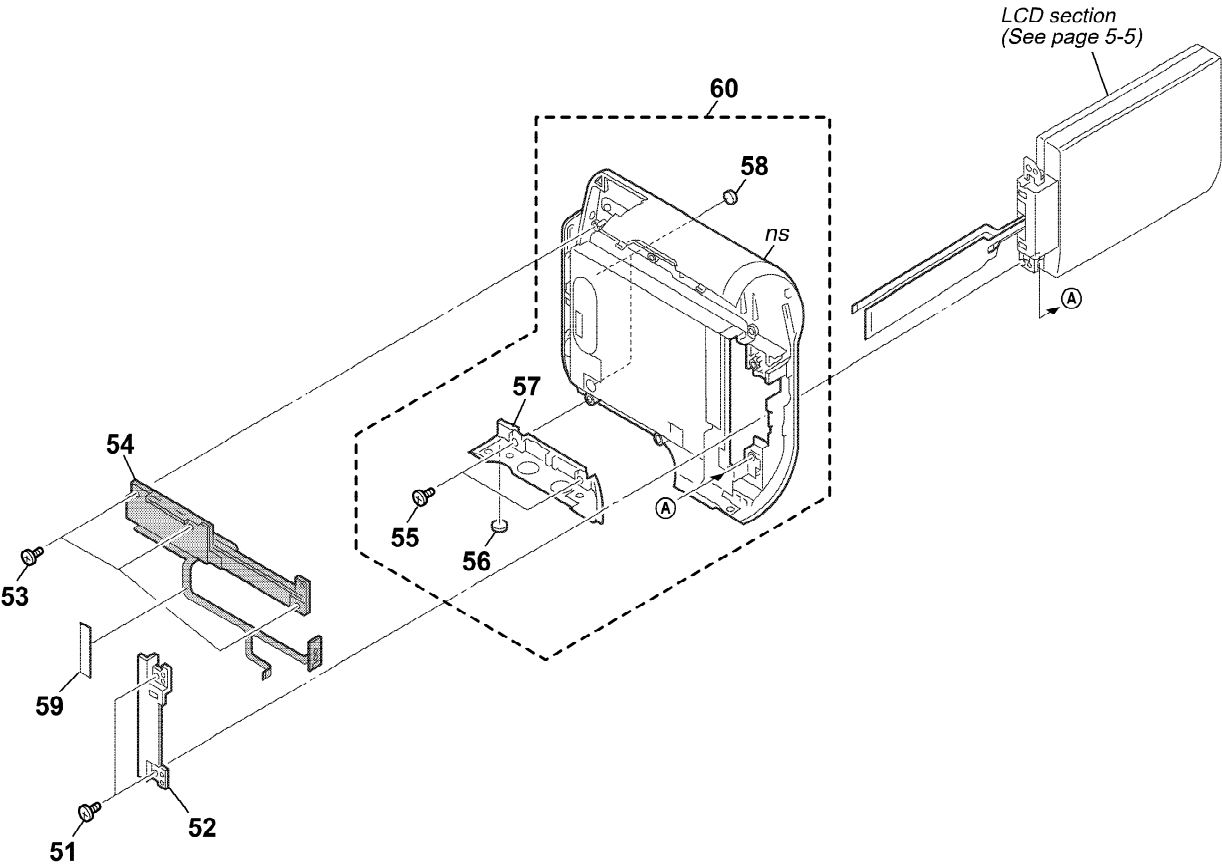
Ref. No.	Part No.	Description
1	3-057-082-21	SCREW (M1.7), P2
2	A-7112-122-A	IR-051 BOARD, COMPLETE
3	X-3954-071-1	PANEL ASSY, F (HC18E/HC20/HC20E)
3	X-3954-212-1	PANEL ASSY, F (HC16E)
4	3-089-771-01	CUSHION, MICROPHONE
5	X-3954-215-1	RETAINER ASSY, IR
6	3-078-890-11	SCREW, TAPPING
7	3-089-916-01	CUSHION (F2)
8	3-089-542-01	COVER, SHOE
9	3-089-547-02	COVER (L), JACK
10	3-089-546-01	SHEET, JACK (HC20/HC20E)

Ref. No.	Part No.	Description
10	3-089-546-31	SHEET, JACK (HC16E/HC18E)
11	3-941-343-21	TAPE (A)
12	3-084-523-11	SCREW (M1.7 EG LOCK (BLACK))
13	3-089-541-01	LID, CPC
14	3-091-102-01	SHEET, VC ELECTROSTATIC
15	3-091-481-31	SCREW
16	3-090-091-01	SHOE, COLD
17	3-067-187-21	SCREW SPECIAL
18	3-089-562-01	LABEL, FUSE REPLACEMENT CAUTION (HC20)
MIC901	1-542-513-21	MICROPHONE

5. REPAIR PARTS LIST

5-1-2. CABINET (R) SECTION

ns : not supplied



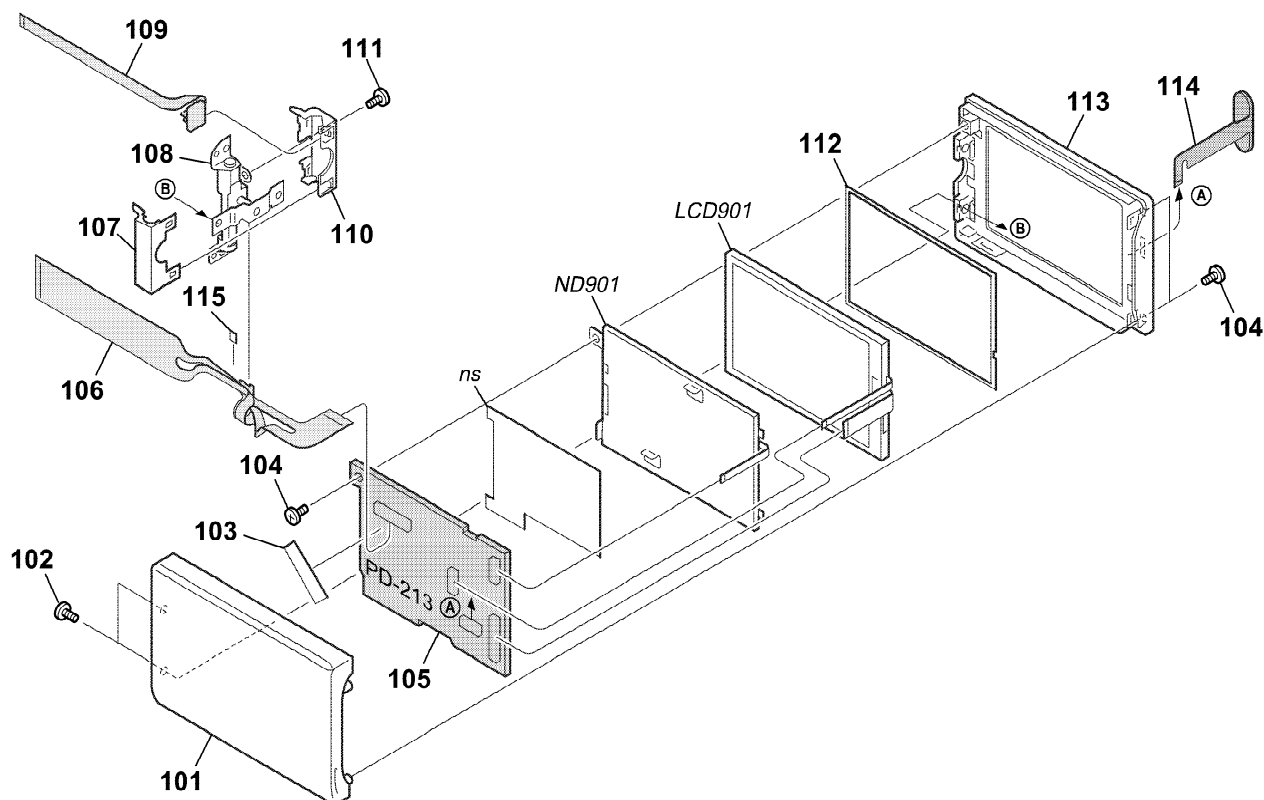
Ref. No.	Part No.	Description
51	3-080-204-31	SCREW, TAPPING, P2
52	3-089-432-01	BLIND, HINGE
53	3-078-890-11	SCREW, TAPPING
54	1-478-482-11	KEY BLOCK, CONTROL (CF6300)
55	3-080-204-01	SCREW, TAPPING, P2
56	3-082-519-01	FOOT (R), RUBBER

Ref. No.	Part No.	Description
57	3-089-430-01	SCREW COVER
58	3-089-565-01	CUSHION (R), PANEL
59	3-941-343-21	TAPE (A)
60	X-3954-068-1	CABINET R ASSY (HC18E/HC20/HC20E)
60	X-3954-111-1	CABINET R ASSY (HC16E)

5. REPAIR PARTS LIST

5-1-3. LCD SECTION

ns : not supplied



Ref. No.	Part No.	Description
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101	X-3954-191-1	CABINET (C) ASSY, P (HC20)
101	X-3954-198-1	CABINET (C) ASSY, P (HC20E)
101	X-3954-199-1	CABINET (C) ASSY, P (HC18E)
101	X-3954-200-1	CABINET (C) ASSY, P (HC16E)
102	3-057-082-21	SCREW (M1.7), P2
103	3-941-343-21	TAPE (A)
104	3-080-204-21	SCREW, TAPPING, P2
105	A-7112-124-A	PD-213 BOARD, COMPLETE
106	1-861-188-11	FP-835 FLEXIBLE BOARD
107	3-089-480-01	COVER (C), HINGE

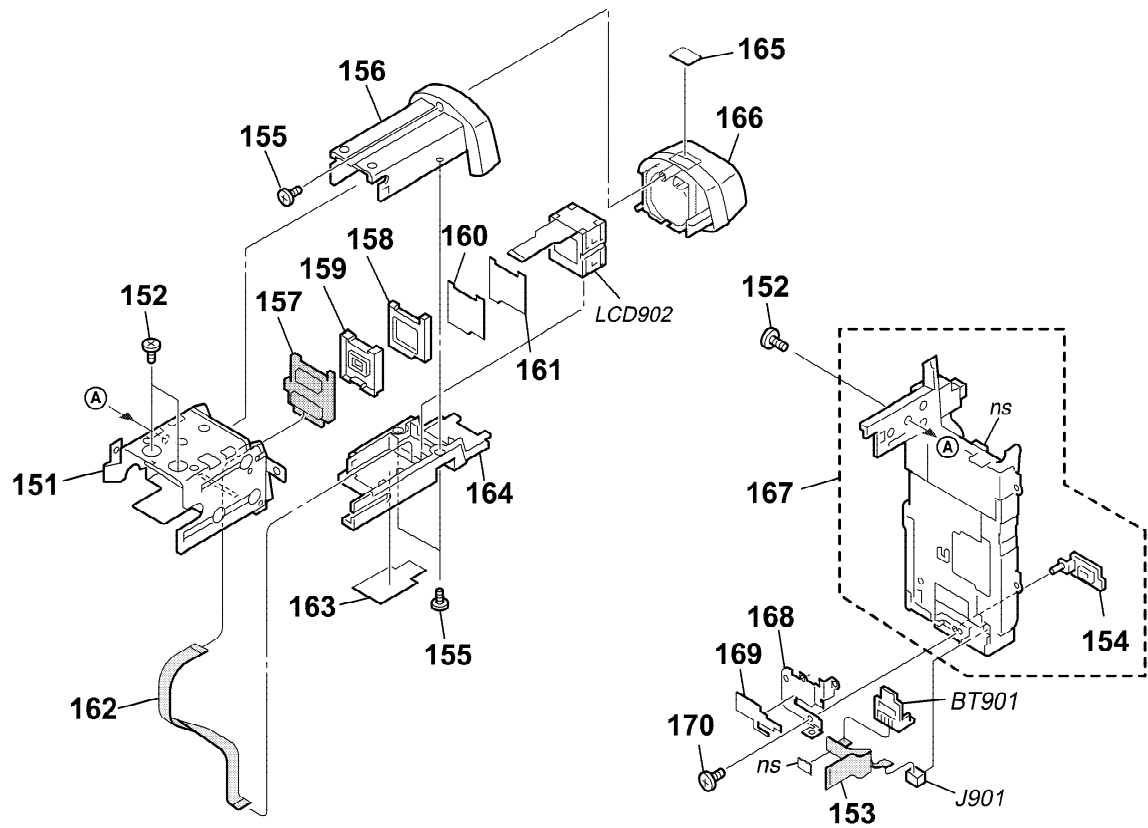
Ref. No.	Part No.	Description
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108	X-3954-070-1	HINGE (63) ASSY
109	A-7112-125-A	FP-836 BOARD, COMPLETE
110	3-089-478-01	COVER (M), HINGE
111	3-084-523-11	SCREW (M1.7 EG LOCK (BLACK)
112	3-089-483-01	CUSHION, PANEL
113	X-3954-069-1	CABINET (M) ASSY, P
114	1-478-483-11	KEY BLOCK, CONTROL (SB6300)
115	3-091-690-01	SHEET, ADHESIVE, PANEL FLEXIBLE
ND901	1-478-462-11	BLOCK, LIGHT GUIDE PLATE (2.5)
LCD901	8-753-205-50	ACX528AKP-J

5. REPAIR PARTS LIST

5-1-4. BAT. EVF SECTION

ns : not supplied

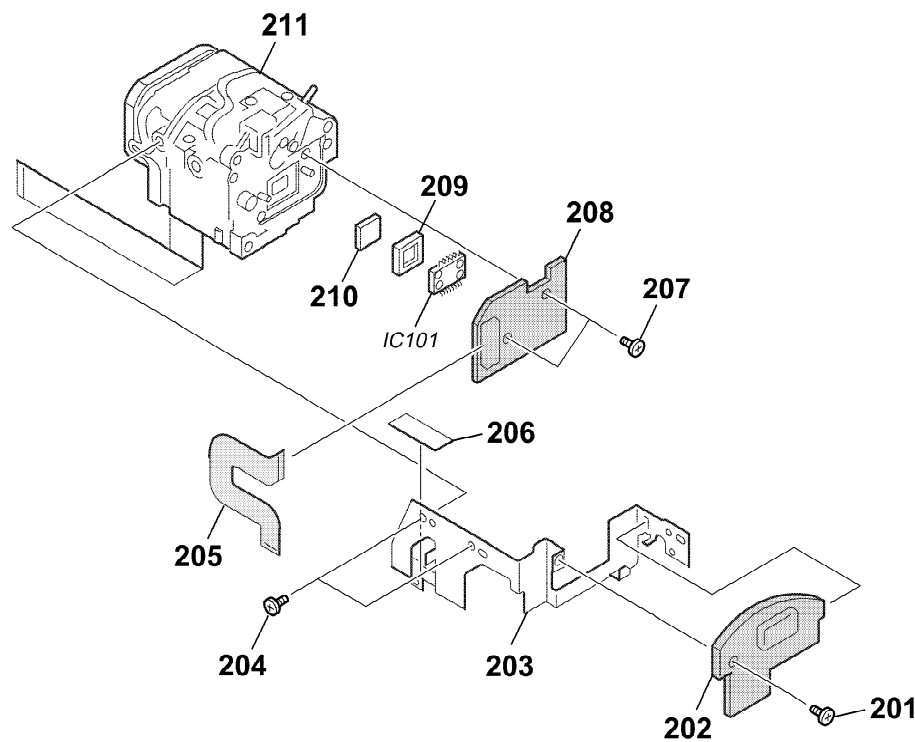


Ref. No.	Part No.	Description
151	X-3954-078-1	VF SLIDE ASSY
152	3-057-082-21	SCREW (M1.7), P2
153	1-861-183-11	FP-830 FLEXIBLE BOARD
154	3-089-377-01	COVER, DC-IN
155	3-080-204-21	SCREW, TAPPING, P2
156	X-3954-076-1	CABINET UPPER ASSY, VF
157	A-7112-118-A	LB-095 BOARD, COMPLETE
158	3-089-419-01	CUSHION, LCD
159	3-089-415-01	GUIDE, LAMP
160	3-089-417-01	ILLUMINATOR
161	3-089-416-01	SHEET, PRISM
162	1-861-184-11	FP-831 FLEXIBLE BOARD

Ref. No.	Part No.	Description
163	3-089-418-01	SHEET, VF FLEXIBLE FIXED
164	3-089-414-02	CABINET (LOWER), VF
165	3-089-545-01	LABEL (WB), VF
166	X-3954-077-1	EYE CUP ASSY
167	X-3954-075-2	PANEL ASSY, BT
168	3-089-378-01	BT TERMINAL BOARD RETAINER
169	3-089-379-01	SHEET (BT), FLEXIBLE
170	3-078-890-11	SCREW, TAPPING
BT901	1-780-064-11	BATTERY TERMINAL BOARD
J901	1-815-792-11	CONNECTOR, DC-IN (7.2V)
LCD902	8-753-208-84	LCX059ALA-J

5. REPAIR PARTS LIST

5-1-5. LENS SECTION



Be sure to read "Precautions upon replacing CCD imager" on page 4-5 when changing the CCD imager.

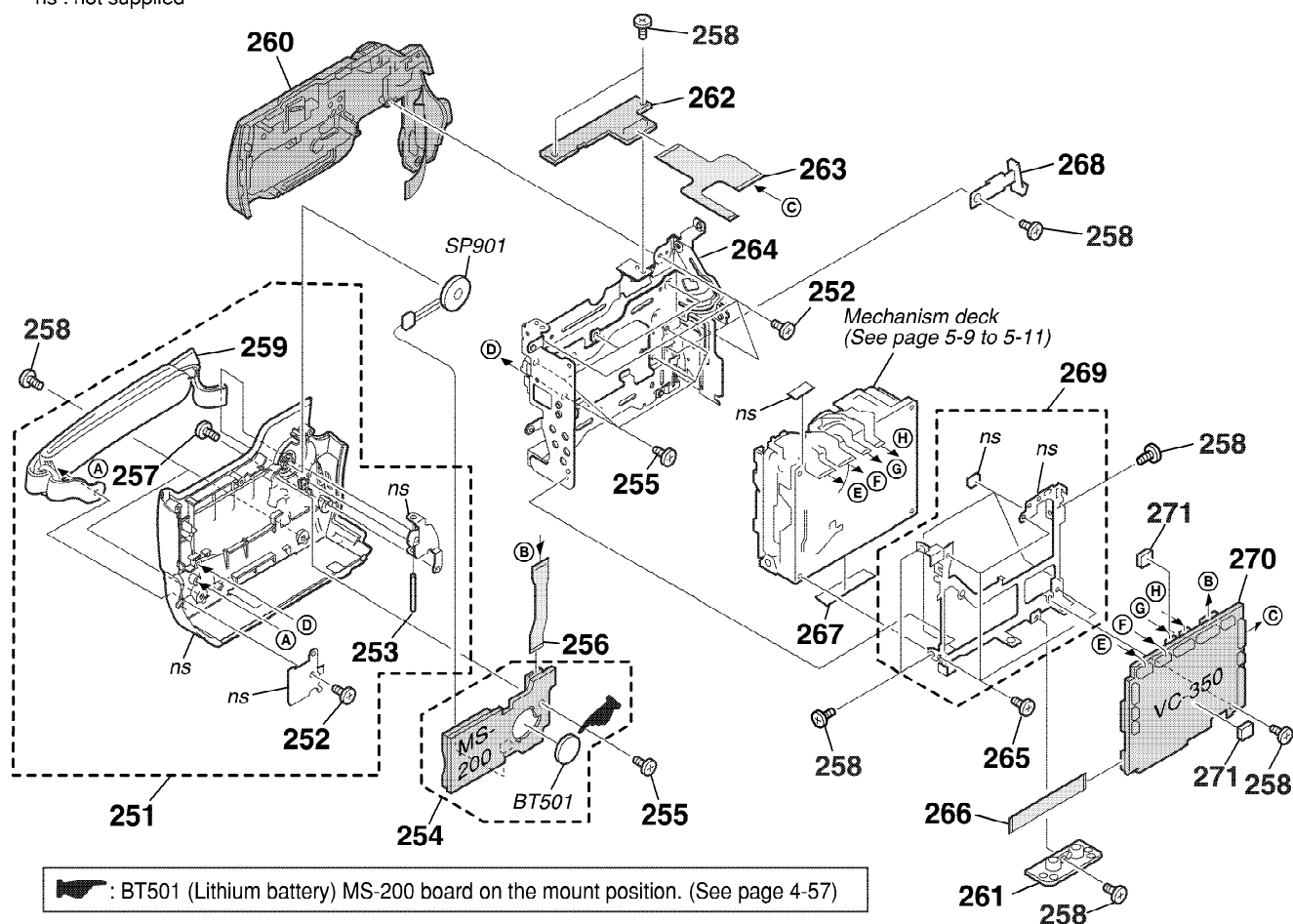
Ref. No.	Part No.	Description
201	3-084-523-11	SCREW (M1.7 EG LOCK (BLACK))
202	A-7112-119-A	SE-141 BOARD, COMPLETE
203	3-089-523-01	FRAME, LENS
204	3-089-524-01	SCREW, TAPPING, SPECIAL
205	1-861-180-11	FP-827 FLEXIBLE BOARD
206	3-083-884-01	TAPE (LS)
207	3-087-382-11	SCREW (B1.7), TAPPING
208	A-7112-116-A	CD-489 BOARD, COMPLETE (IC101 is not included in this COMPLETE board.)

Ref. No.	Part No.	Description
209	3-091-333-01	RUBBER, SEAL
210	1-788-059-11	FILTER BLOCK, OPTICAL
211	8-848-778-01	DEVICE, LENS LSV-920A
IC101	8-753-215-47	ICX440NKF-13 (CCD IMAGER)(HC20)
IC101	8-753-215-49	ICX441NKF-13 (CCD IMAGER) (HC16E/HC18E/HC20E) (IC101 is not included in CD-489 COMPLETE board.)

5. REPAIR PARTS LIST

5-1-6. CABINET (L) SECTION

ns : not supplied



CAUTION :

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

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
251	X-3954-073-2	CABINET ASSY, G
252	3-080-204-01	SCREW, TAPPING, P2
253	3-089-513-01	SHAFT (REAR), GRIP BELT
254	A-7112-121-A	MS-200 BOARD, COMPLETE
255	3-078-890-11	SCREW, TAPPING
256	1-861-185-11	FP-832 FLEXIBLE BOARD
257	3-078-893-01	0 PLATE +P2 MAIN EG GRIP M1.7
258	3-084-523-11	SCREW (M1.7 EG LOCK (BLACK))
259	3-089-510-01	BELT, GRIP
260	1-478-481-13	KEY BLOCK, CONTROL (SS6300)
261	3-089-520-01	SCREW
262	A-7112-123-A	JK-260 BOARD, COMPLETE
263	1-861-186-11	FP-833 FLEXIBLE BOARD

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
264	X-3954-072-2	FRAME ASSY, CS
265	3-062-214-01	SCREW (M1.4X1.5)
266	1-828-833-11	CABLE, FLEXIBLE FLAT (FFC-036)
267	3-081-221-01	LABEL (Z), LS
268	3-089-540-01	KNOB, EJECT
269	X-3954-074-2	FRAME ASSY, MD
270	A-7112-727-A	VC-350 BOARD, COMPLETE (SERVICE) (HC20/HC20E)
270	A-7113-163-A	VC-350 BOARD, COMPLETE (SERVICE) (HC16E/HC18E)
271	3-089-521-01	SHEET, VC
△ BT501	1-756-128-11	BATTERY, LITHIUM (SECONDARY)
SP901	1-825-260-21	LOUD SPEAKER (1.6CM)

Note :

The components identified by mark  or dotted line with mark  are critical for safety.
Replace only with part number specified.

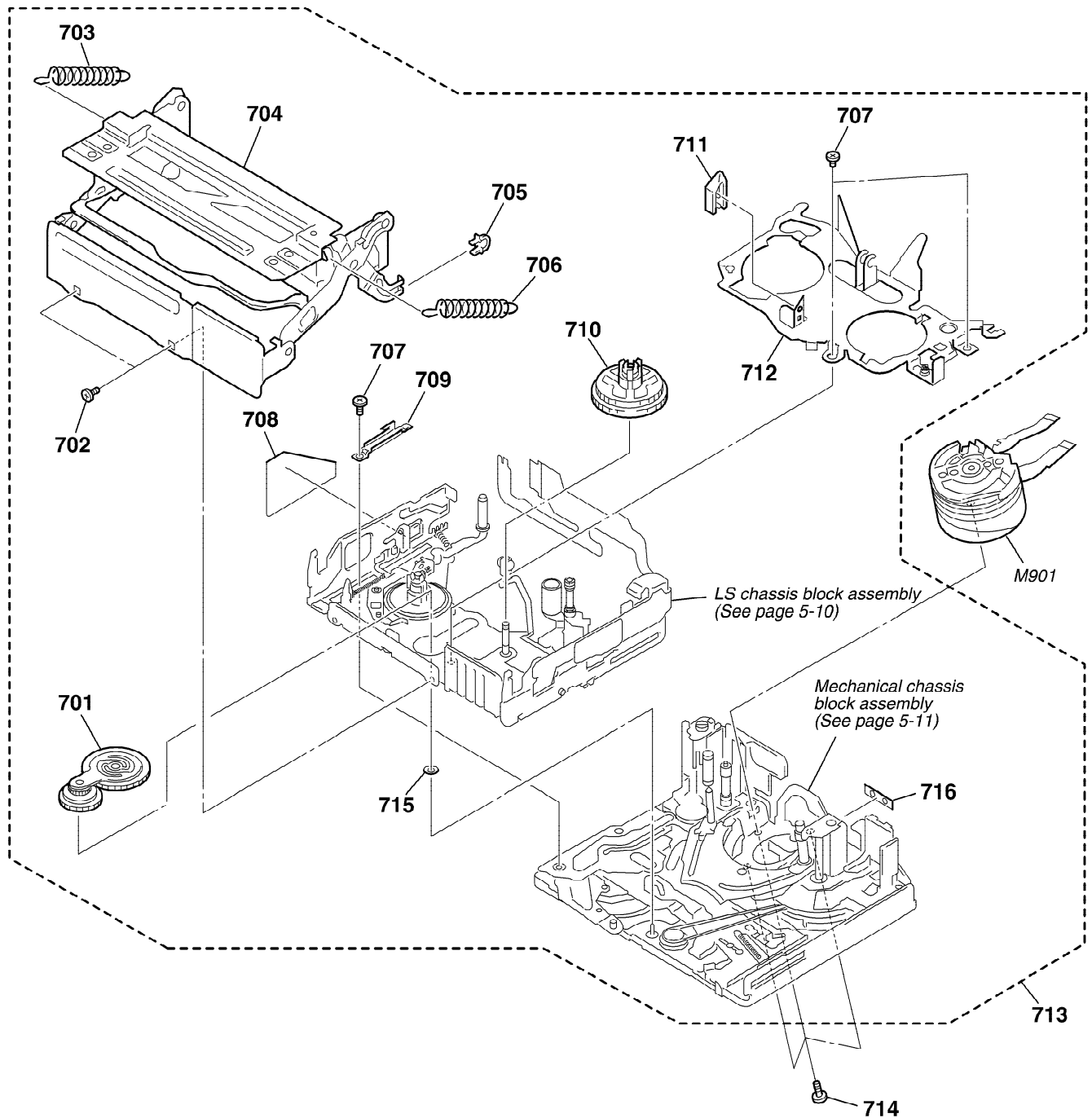
Note :

Les composants identifiés par une marque  sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

5. REPAIR PARTS LIST

5-1-7. OVERALL (MECHANISM DECK-Z200)

ns : not supplied



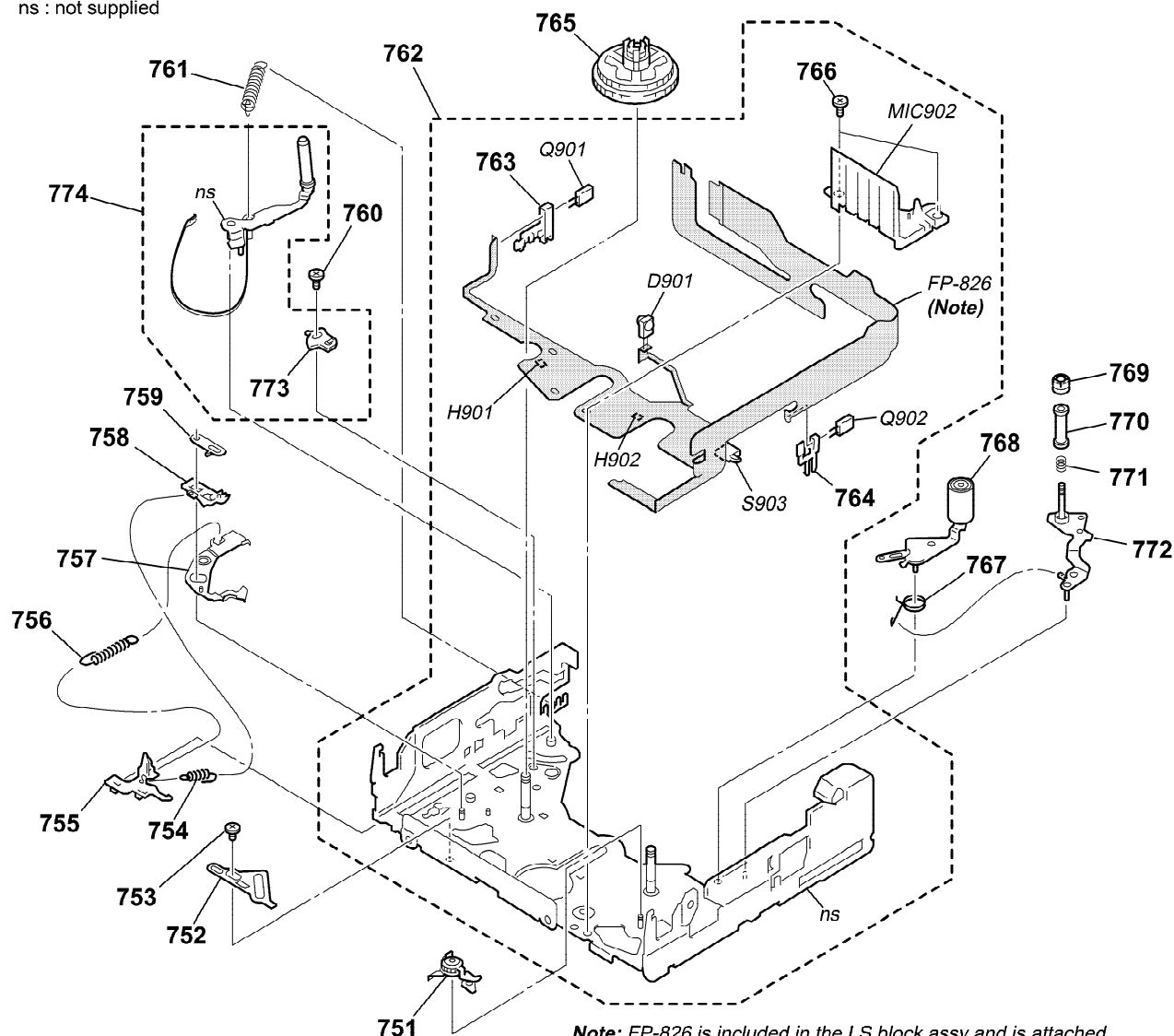
Ref. No.	Part No.	Description
701	X-3952-938-7	GEAR ASSY, GOOSENECK
702	3-075-097-11	SCREW (M1.4X1.4), SPECIAL HEAD
703	3-079-206-02	SPRING (POP UP S), EXTENSION
704	X-3952-939-8	COMPARTMENT ASSY, CASSETTE
705	3-079-367-01	DAMPER, CASSETTE COMPARTMENT
706	3-079-215-02	SPRING (POP UP T), EXTENSION
707	3-085-330-01	SCREW, SPECIAL
708	3-080-545-01	COVER, SENSOR S
709	3-079-364-01	RETAINER, LS GUIDE

Ref. No.	Part No.	Description
710	X-3952-937-1	TABLE ASSY, T REEL
711	3-079-366-01	RELEASE, REEL LOCK
712	X-3953-257-4	PLATE ASSY, RETAINER
713	A-7095-947-A	MD (Z200) SUB ASSY
714	3-079-741-02	SCREW, DRUM FIXING
715	3-748-682-01	WASHER, T
716	3-087-881-01	SHEET, ADHESIVE, FLEXIBLE
M901	A-7048-994-A	DRUM (DEH-30B-R) (SERVICE)

5. REPAIR PARTS LIST

5-1-8. LS CHASSIS BLOCK ASSEMBLY

ns : not supplied



Note: FP-826 is included in the LS block assy and is attached to chassis by hot-press.
Because installation of FP-826 requires a very high accuracy, FP-826 is not supplied as an independent service parts.

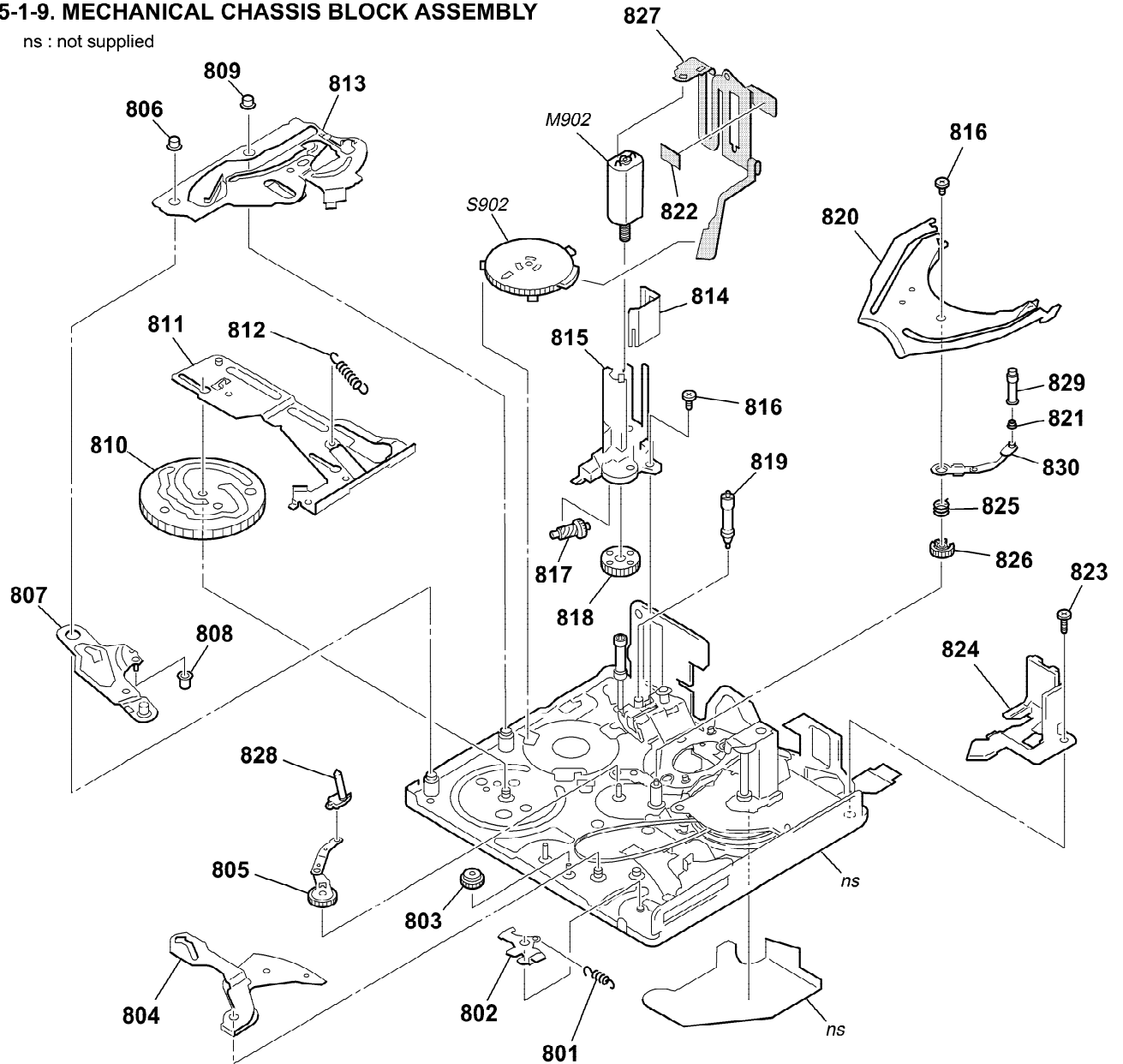
Ref. No.	Part No.	Description
751	A-7095-402-G	BRAKE (T) BLOCK ASSY
752	3-079-241-01	PLATE, LS CAM
753	3-075-097-11	SCREW (M1.4X1.4), SPECIAL HEAD
754	3-079-246-01	SPRING(RELEASE RACK),EXTENSION
755	3-079-248-01	POSITIONING(S), CASSETTE
756	3-079-244-01	SPRING (ULE), EXTENSION
757	X-3952-932-1	BRAKE ASSY, ULE
758	3-079-245-01	RACK (S), RELEASE
759	3-079-247-01	BRAKE (S)
760	3-059-090-11	SCREW (M1.4X2.5), SPECIAL HEAD
761	3-079-242-01	SPRING, TENSION
762	A-7095-951-A	LS BLOCK ASSY
763	3-079-267-01	HOLDER (S), SENSOR
764	3-079-268-01	HOLDER (T), SENSOR
765	X-3952-936-2	TABLE ASSY, S REEL
766	3-085-330-01	SCREW, SPECIAL

Ref. No.	Part No.	Description
767	3-079-243-02	SPRING (PINCH RETURN), TORSION
768	X-3952-934-1	ARM ASSY, PINCH
769	3-052-062-02	NUT, TG7
770	3-079-219-02	TG7
771	3-081-591-01	SPRING, COMPRESSION (TG7)
772	X-3952-935-3	ARM ASSY, TG7
773	3-079-237-01	ADJUSTOR, BAND
774	A-7095-403-B	TG2 ARM BLOCK ASSY
S903	1-529-566-51	SWITCH, PUSH (1 KEY)(C.C. DOWN)
MIC902	1-817-175-12	PIN, CONNECTOR (WITH DETECTION SWITCH)
D901	6-500-652-01	DIODE GL453SE0000F (TAPE LED)
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)
Q901	6-550-672-01	TRANSISTOR PT4850FJE00F (TAPE END)
Q902	6-550-672-01	TRANSISTOR PT4850FJE00F (TAPE TOP)

5. REPAIR PARTS LIST

5-1-9. MECHANICAL CHASSIS BLOCK ASSEMBLY

ns : not supplied



Ref. No.	Part No.	Description
801	3-079-314-01	SPRING (EJ), EXTENSION
802	3-079-327-01	ARM, EJ
803	3-079-323-01	GEAR, CONVERSION
804	3-079-324-03	ARM, GL DRIVING
805	X-3952-928-1	GL (S) ASSY
806	3-079-315-01	ROLLER (S1), LS GUIDE
807	X-3952-925-1	ARM ASSY, LS
808	3-079-320-01	ROLLER, LS
809	3-079-316-01	ROLLER (S2), LS GUIDE
810	3-079-319-01	GEAR, CAM
811	X-3952-941-1	SLIDER ASSY (N), M
812	3-079-321-02	SPRING (PINCH), EXTENSION
813	X-3952-940-2	PLATE ASSY (N), TG2 CAM
814	3-079-312-01	SHIELD, MOTOR
815	3-079-307-02	HOLDER, MOTOR
816	3-085-330-01	SCREW, SPECIAL

Ref. No.	Part No.	Description
817	3-079-308-01	SHAFT, WORM
818	3-079-309-01	GEAR, DECELERATION
819	X-3952-942-2	ROLLER ASSY, TG3
820	3-079-325-01	RAIL, GUIDE
821	3-079-295-02	SPRING, TG5
822	1-677-049-11	FP-228 FLEXIBLE BOARD (DEW SENSOR)
823	3-079-328-01	SCREW (M1.4), SPECIAL HEAD
824	3-079-326-04	SUPPORT, TG7
825	3-079-301-01	SPRING (GLT), TORSION
826	3-079-298-01	GEAR (T), GL
827	1-686-798-11	FP-467 FLEXIBLE BOARD
828	X-3952-927-4	COASTER (S) ASSY
829	X-3952-930-3	ROLLER ASSY, TG5
830	X-3952-929-7	COASTER (T) ASSY
M902	A-7095-396-A	MOTOR BLOCK ASSY, L (LOADING)
S902	1-477-679-11	ROTARY, ENCODER (MODE SWITCH)

5. REPAIR PARTS LIST

Checking supplied accessories.

Make sure that the following accessories are supplied with your camcorder.



Power cord (Main lead) (1)
(AUS model)

△ 1-696-819-21

Power cord (Main lead) (1)
(AEP, EE, NE,
E:EXCEPT Saudi Arabia model)

△ 1-769-608-11

Power cord (Main lead) (1)
(KR model)

△ 1-776-985-11

Power cord (Main lead) (1)
(CH model)

△ 1-782-476-13

Power cord (Main lead) (1)
(UK, HK, E:Saudi Arabia
model)

△ 1-783-374-11

Power cord (Main lead) (1)
(US, CND model)

△ 1-790-107-22

Power cord (Main lead) (1)
(JE model)

△ 1-790-732-12



21-pin adaptor (1)

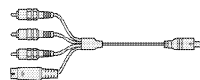
(AEP, UK, EE, NE model)

1-770-783-21



AC adaptor (1)
(AC-L25A/L25B)

△ 1-477-534-11

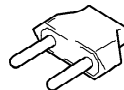


A/V connecting cable
(1.5m) (1)

1-823-156-13



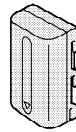
"Memory Stick Duo" (1)
(not supplied)



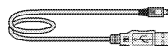
2-pin conversion adaptor (1)

(JE model)

1-569-007-12



Rechargeable battery pack (1)
(NP-FP50)
(not supplied)

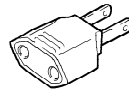


USB cable (1)

1-824-382-21



Memory Stick Duo adaptor (1)
(not supplied)



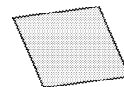
2-pin conversion adaptor (1)

(E, HK model)

1-569-008-12



Wireless Remote Commander (1)
(RMT-831)
1-477-898-71



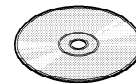
Cleaning cloth (1)

3-073-861-01



Shoe cover (1)

3-089-542-01



CD-ROM
(SPVD-012(V) USB Driver) (1)
(US, CND model)

3-086-790-01

CD-ROM
(SPVD-012 USB Driver) (1)
(EXCEPT US, CND model)

3-087-821-01

• Abbreviation

CND : Canadian model

EE : East European model

NE : North European model

HK : Hong Kong model

AUS : Australian model

CH : Chinese model

JE : Tourist model

KR : Korea model

Note :

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Note :

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Other accessories

3-087-936-11	MANUAL (PC), INSTRUCTION (ENGLISH) (HC20:US,CND,E,JE/HC16E:AEP/HC18E:AEP, UK/ HC20E:UK,E,HK,AUS,JE)
3-087-936-21	MANUAL (PC), INSTRUCTION (FRENCH) (HC16E:AEP/HC18E:AEP/HC20:CND/HC20E:AEP,E,JE)
3-087-936-31	MANUAL (PC), INSTRUCTION (GERMAN/DUTCH) (HC16E:AEP/HC18E:AEP/HC20E:AEP)
3-087-936-41	MANUAL (PC), INSTRUCTION (SPANISH/PORTUGUESE) (HC20:E,JE/HC16E:AEP/HC18E:AEP/HC20E:AEP)
3-087-936-51	MANUAL (PC), INSTRUCTION (ITALIAN/GREEK) (HC16E:AEP/HC18E:AEP/HC20E:AEP)
3-087-936-61	MANUAL (PC), INSTRUCTION (SWEDISH/RUSSIAN) (HC16E:NE/HC18E:NE/HC20E:NE,JE)
3-087-936-71	MANUAL (PC), INSTRUCTION (DANISH/FINNISH) (HC16E:NE/HC18E:NE/HC20E:NE)
3-087-936-81	MANUAL (PC), INSTRUCTION (POLISH/CZECH) (HC16E:EE/HC18E:EE/HC20E:EE)
3-087-936-91	MANUAL (PC), INSTRUCTION (HUNGARIAN/SLOVAK) (HC16E:EE/HC18E:EE/HC20E:EE)
3-087-937-11	MANUAL (PC), INSTRUCTION (ARABIC/PERSIAN) (HC20E:E)
3-087-937-21	MANUAL (PC), INSTRUCTION (TRADITIONAL CHINESE) (HC20:E/HC20E:HK)
3-087-937-31	MANUAL (PC), INSTRUCTION (SIMPLIFIED CHINESE) (HC20E:E,CH,JE)
3-087-937-41	MANUAL (PC), INSTRUCTION (KOREAN)(HC20:KR,JE)
3-088-336-11	MANUAL, INSTRUCTION (ENGLISH) (HC20:US,CND,E,HK,JE)
3-088-336-21	MANUAL, INSTRUCTION (FRENCH)(HC20:CND)

3-088-336-31	MANUAL, INSTRUCTION (SPANISH/PORTUGUESE) (HC20:E,JE)
3-088-336-41	MANUAL, INSTRUCTION (TRADITIONAL CHINESE) (HC20:E)
3-088-336-51	MANUAL, INSTRUCTION (KOREAN)(HC20:KR,JE)
3-088-336-61	MANUAL, INSTRUCTION (ARABIC)(HC20:E)
3-088-337-11	MANUAL, INSTRUCTION (ENGLISH) (HC16E:AEP/HC18E:AEP,UK/HC20E:AEP,UK,E,HK,AUS,JE)
3-088-337-21	MANUAL, INSTRUCTION (FRENCH) (HC16E:AEP/HC18E:AEP/HC20E:AEP,E)
3-088-337-31	MANUAL, INSTRUCTION (SPANISH/PORTUGUESE) (HC16E:AEP/HC18E:AEP/HC20E:AEP)
3-088-337-41	MANUAL, INSTRUCTION (ITALIAN/GREEK) (HC16E:AEP/HC18E:AEP/HC20E:AEP)
3-088-337-51	MANUAL, INSTRUCTION (GERMAN/DUTCH) (HC16E:AEP/HC18E:AEP/HC20E:AEP)
3-088-337-61	MANUAL, INSTRUCTION (SWEDISH/RUSSIAN) (HC16E:NE/HC18E:NE/HC20E:NE,JE)
3-088-337-71	MANUAL, INSTRUCTION (DANISH/FINNISH) (HC16E:NE/HC18E:NE/HC20E:NE)
3-088-337-81	MANUAL, INSTRUCTION (ARABIC/PERSIAN) (HC20E:E)
3-088-337-91	MANUAL, INSTRUCTION (TRADITIONAL CHINESE) (HC20E:HK)
3-088-338-11	MANUAL, INSTRUCTION (SIMPLIFIED CHINESE) (HC20E:E,CH,JE)
3-088-338-21	MANUAL, INSTRUCTION (POLISH/CZECH) (HC16E:EE/HC18E:EE/HC20E:EE)
3-088-338-31	MANUAL, INSTRUCTION (HUNGARIAN/SLOVAKIAN) (HC16E:EE/HC18E:EE/HC20E:EE)

CD-489

FP-836

IR-051

JK-260

LB-095

5-2. ELECTRICAL PARTS LIST

Ref. No.	Part No.	Description
	A-7112-116-A	CD-489 BOARD, COMPLETE ***** (IC101 is not included in this COMPLETE board.)
		< CAPACITOR >
C101	1-104-851-11	TANTAL. CHIP 10uF 20% 10V
C102	1-164-850-11	CERAMIC CHIP 10PF 0.5PF 50V
C103	1-164-943-11	CERAMIC CHIP 0.01uF 10% 16V
C104	1-113-987-11	TANTAL. CHIP 4.7uF 20% 25V
		< CONNECTOR >
CN101	1-691-352-21	CONNECTOR, FFC/FPC (ZIF) 14P
		< IC >
IC101	8-753-215-47	ICX440NKF-13 (CCD IMAGER)(HC20)
IC101	8-753-215-49	ICX441NKF-13 (CCD IMAGER) (HC16E/HC18E/HC20E) (IC101 is not included in this COMPLETE board of CD-489.)
		< COIL >
L101	1-469-528-91	INDUCTOR 100uH
		< TRANSISTOR >
Q101	8-729-117-73	TRANSISTOR 2SC4178-F14
		< RESISTOR >
R101	1-218-959-11	RES-CHIP 3.3K 5% 1/16W
	A-7112-125-A	FP-836 BOARD, COMPLETE *****
		< SWITCH >
S101	1-786-179-31	SWITCH, PUSH (1KEY) (PANEL REVERSE)
	A-7112-122-A	IR-051 BOARD, COMPLETE *****
		< CAPACITOR >
C601	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C602	1-125-837-91	CERAMIC CHIP 1uF 10% 6.3V
		< CONNECTOR >
CN601	1-778-507-21	PIN, CONNECTOR (PC BOARD) 4P
CN602	1-766-346-21	CONNECTOR, FFC/FPC 16P
		< DIODE >
D601	6-500-512-01	DIODE CL-330IRS-X-TU
D602	6-500-506-01	DIODE TLRMV1021 (T15SOY, F)
D604	8-719-988-61	DIODE 1SS355TE-17
		< FERRITE BEAD >
FB601	1-500-444-11	FERRITE, EMI (SMD) (1608)
FB602	1-500-444-11	FERRITE, EMI (SMD) (1608)

Ref. No.	Part No.	Description
		< IC >
IC601	8-742-221-00	HYB IC SBX3055-01
		< JACK >
J601	1-691-737-41	JACK (SMALL TYPE)(MIC)(PLUG IN POWER)
		< RESISTOR >
R601	1-218-956-11	RES-CHIP 1.8K 5% 1/16W
R604	1-218-937-11	RES-CHIP 47 5% 1/16W
		< SWITCH >
S601	1-786-148-11	SWITCH, PUSH (1 KEY) (LENS COVER OPEN/CLOSE)
		< VARISTOR >
VDR601	1-801-862-11	VARISTOR, CHIP (1608)
VDR602	1-801-862-11	VARISTOR, CHIP (1608)
	A-7112-123-A	JK-260 BOARD, COMPLETE *****
		< CONNECTOR >
CN701	1-815-794-21	CONNECTOR (MULTIPLE)(AV IN/OUT)
CN702	1-794-962-11	CONNECTOR, SQUARE TYPE (USB 5P)(USB)
CN703	1-794-276-11	CONNECTOR, SQUARE TYPE 4P(1/8 DV)
CN704	1-784-421-11	CONNECTOR, FFC/FPC (ZIF) 27P
		< DIODE >
D702	6-500-750-01	DIODE NSAD500H-T1-A
D703	8-719-078-02	DIODE 1SS357 (T3SONY1)
		< JACK >
J701	1-793-995-11	JACK, SUPER SMALL TYPE (LANC)
		< LINE FILTER >
LF701	1-456-583-11	COIL, COMMON MODE CHOKE
		< RESISTOR >
R701	1-218-965-11	RES-CHIP 10K 5% 1/16W
R702	1-218-965-11	RES-CHIP 10K 5% 1/16W
	A-7112-118-A	LB-095 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	1-818-046-11	CONNECTOR, FFC/FPC 20P
CN302	1-815-098-11	CONNECTOR, FPC (ZIF) 21P

Be sure to read "Precautions upon replacing CCD imager"
on page 4-5 when changing the CCD imager.

LB-095

MS-200

PD-213

Ref. No.	Part No.	Description
< DIODE >		
D302	8-719-074-67	DIODE EDZ-TE61-5.6B
D303	6-500-874-01	DIODE E1S35-AW0C7-01-A2
< RESISTOR >		
R302	1-216-841-11	METAL CHIP 47K 5% 1/10W
R303	1-218-971-11	RES-CHIP 33K 5% 1/16W
R304	1-218-975-11	RES-CHIP 68K 5% 1/16W
R305	1-218-989-11	RES-CHIP 1M 5% 1/16W
A-7112-121-A MS-200 BOARD, COMPLETE		

< BATTERY >		
△BT501	1-756-128-11	BATTERY, LITHIUM (SECONDARY)
< CONNECTOR >		
CN501	1-573-354-11	CONNECTOR, FFC/FPC 14P
CN502	1-778-506-21	PIN, CONNECTOR (PC BOARD) 2P
< SWITCH >		
S501	1-771-138-82	SWITCH, KEY BOARD (RESET)
< ABSORBER >		
VDR501	1-803-974-21	ABSORBER, CHIP SURGE
A-7112-124-A PD-213 BOARD, COMPLETE		

< CAPACITOR >		
C602	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C604	1-125-841-91	TANTAL. CHIP 22uF 20% 4V
C605	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C606	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C607	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C608	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C610	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C611	1-104-851-11	TANTAL. CHIP 10uF 20% 10V
C612	1-164-739-11	CERAMIC CHIP 560PF 5% 50V
C614	1-164-943-11	CERAMIC CHIP 0.01uF 10% 16V
C615	1-164-943-11	CERAMIC CHIP 0.01uF 10% 16V
C616	1-164-943-11	CERAMIC CHIP 0.01uF 10% 16V
C617	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C618	1-125-889-91	CERAMIC CHIP 2.2uF 10% 10V
C622	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C623	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V
C624	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C626	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C627	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C631	1-165-908-11	CERAMIC CHIP 1uF 10% 10V
C633	1-127-760-11	CERAMIC CHIP 4.7uF 10% 6.3V

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

Ref. No.	Part No.	Description
< CONNECTOR >		
CN601	1-816-179-11	CONNECTOR, FFC/FPC (ZIF) 22P
CN602	1-691-370-11	CONNECTOR, FFC/FPC 6P
CN603	1-691-344-11	CONNECTOR, FFC/FPC (ZIF) 6P
CN605	1-785-905-11	CONNECTOR, FFC/FPC (ZIF) 24P
CN606	1-691-344-11	CONNECTOR, FFC/FPC (ZIF) 6P
< DIODE >		
D601	8-719-073-01	DIODE MA111-(K8).SO
D602	8-719-074-67	DIODE EDZ-TE61-5.6B
< FERRITE BEAD >		
FB601	1-414-760-21	FERRITE, EMI (SMD) (1608)
< IC >		
IC601	6-705-632-01	IC LM2904PT
IC602	8-752-109-72	IC CXM3006R
< COIL >		
L601	1-400-588-11	INDUCTOR, LAMINATE CHIP 10uH
L602	1-400-588-11	INDUCTOR, LAMINATE CHIP 10uH
L603	1-400-588-11	INDUCTOR, LAMINATE CHIP 10uH
< TRANSISTOR >		
Q601	8-729-427-42	TRANSISTOR XP4211
Q602	8-729-427-12	TRANSISTOR XP4111
Q603	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R
Q604	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R
Q605	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R
Q606	8-729-420-24	TRANSISTOR 2SB1218A-QRS
Q607	8-729-420-24	TRANSISTOR 2SB1218A-QRS
Q608	6-550-119-01	TRANSISTOR DTC144EMT2L
Q609	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R
Q610	6-550-232-01	TRANSISTOR 2SA2029T2LQ/R
< RESISTOR >		
R606	1-208-943-11	METAL CHIP 220K 0.5% 1/16W
R607	1-218-989-11	RES-CHIP 1M 5% 1/16W
R608	1-208-927-11	METAL CHIP 47K 0.5% 1/16W
R609	1-218-975-11	RES-CHIP 68K 5% 1/16W
R610	1-218-990-11	SHORT CHIP 0
R611	1-218-977-11	RES-CHIP 100K 5% 1/16W
R613	1-220-206-11	RES-CHIP 91K 5% 1/16W
R614	1-208-707-11	METAL CHIP 10K 0.5% 1/16W
R615	1-218-961-11	RES-CHIP 4.7K 5% 1/16W
R616	1-218-957-11	RES-CHIP 2.2K 5% 1/16W
R617	1-218-953-11	RES-CHIP 1K 5% 1/16W
R619	1-208-647-11	METAL CHIP 33 0.5% 1/16W
R620	1-218-969-11	RES-CHIP 22K 5% 1/16W
R623	1-208-647-11	METAL CHIP 33 0.5% 1/16W
R624	1-218-973-11	RES-CHIP 47K 5% 1/16W
R625	1-218-963-11	RES-CHIP 6.8K 5% 1/16W
R627	1-218-958-11	RES-CHIP 2.7K 5% 1/16W
R633	1-218-990-11	SHORT CHIP 0
R634	1-218-989-11	RES-CHIP 1M 5% 1/16W
R635	1-218-949-11	RES-CHIP 470 5% 1/16W

Note :
The components identified by mark △ or dotted line with mark △ are critical for safety.
Replace only with part number specified.

Note :
Les composants identifiés par une marque △ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

PD-213

SE-141

VC-350

Ref. No.	Part No.	Description			
R636	1-218-953-11	RES-CHIP	1K	5%	1/16W
R637	1-218-978-11	RES-CHIP	120K	5%	1/16W
R638	1-216-864-11	SHORT CHIP	0		
R639	1-216-864-11	SHORT CHIP	0		
R640	1-218-949-11	RES-CHIP	470	5%	1/16W
R641	1-218-949-11	RES-CHIP	470	5%	1/16W
R642	1-218-973-11	RES-CHIP	47K	5%	1/16W
R643	1-218-973-11	RES-CHIP	47K	5%	1/16W

< COMPOSITION CIRCUIT BLOCK >

RB601 1-234-369-21 RES, NETWORK 10X4 (1005)

A-7112-119-A SE-141 BOARD, COMPLETE

< CAPACITOR >

C401	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C402	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C403	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C405	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C406	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V
C408	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V
C409	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V
C410	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V
C411	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V
C412	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V
C413	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V
C414	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V
C416	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V

< CONNECTOR >

CN401 1-766-336-21 CONNECTOR, FFC/FPC 6P

< FERRITE BEAD >

FB401	1-469-179-21	INDUCTOR, FERRITE BEAD			
FB402	1-469-179-21	INDUCTOR, FERRITE BEAD			
FB403	1-469-179-21	INDUCTOR, FERRITE BEAD			
FB404	1-469-179-21	INDUCTOR, FERRITE BEAD			

< IC >

IC401 8-759-489-19 IC uPC6756GR-8JG-E2

< COIL >

L401 1-400-588-11 INDUCTOR, LAMINATE CHIP 10uH

< RESISTOR >

R402	1-218-989-11	RES-CHIP	1M	5%	1/16W
R403	1-218-965-11	RES-CHIP	10K	5%	1/16W
R404	1-218-965-11	RES-CHIP	10K	5%	1/16W
R405	1-218-989-11	RES-CHIP	1M	5%	1/16W

< COMPOSITION CIRCUIT BLOCK >

RB401 1-234-379-21 RES, NETWORK 22KX4 (1005)

Ref. No. Part No. Description

< SENSOR >

SE401 1-476-807-41 SENSOR, ANGULAR VELOCITY (PITCH)
SE402 1-476-807-31 SENSOR, ANGULAR VELOCITY (YAW)

VC-350 BOARD, COMPLETE

**Electrical parts list of the VC-350 board
are not shown.
Pages from 5-16 to 5-21 are not shown.**

