

Service Manual

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ORDER NO.VMD0009024C8

Service Manual

Digital Video Camera/Recorder



- NV-MX300EG/NV-MX300B/NV-MX300EN/NV-MX300A

VOL.1

Q3-MECHANISM



SPECIFICATIONS			
ITEM	SPECIFICATION	ITEM	SPECIFICATION
POWER	Source: Battery Pack; 7.2 V DC AC Adaptor; 7.9 V DC Consumption: During Camera Recording Using The LCD Monitor; 6.3 W During Camera Recording Using The Viewfinder; 5.8 W	AUDIO	RECORDING FORMAT: PCM Digital Recording; 16 bit (48 kHz/2 ch) 12 bit (32 kHz/4 ch)
			MIC IN LEVEL: -50 dBV (0dB = 1V/Pa, 1kHz) (Stere mini jack) OUTPUT LEVEL: 316 mV, 600Ω INPUT LEVEL (LINE): 316 mV, 10kΩ or more
RECORDING FORMAT	Digital Video SD Format	DIGITAL STILL PICTURE	Digital Still Picture Output, Control Signal Input / Output (Transfer rate: max. 115 kbps)
TAPE FORMAT	Mini DV Cassette Tape (Tape width 6.35 mm)	DIGITAL INTERFACE	DV Input/Output Terminal (i. LINK, 4 pin)
TAPE SPEED	SP mode : 18.83 mm/s LP mode : 12.57 mm/s Record/Playback Time: SP mode : 80 min. with DVM80 LP mode : 120 min. with DVM80	MICROPHONE	Stereo
		SPEAKER	1 round speaker (20 mm)
CAMERA	PICK-UP ELEMENT: CCD (Charge Coupled Device)	OPERATING TEMPERATURE	0-40 °C
	STANDARD ILLUMINATION: 1,400 lx	OPERATING HUMIDITY	10-80 %
	MINIMUM REQUIRED ILLUMINATION: 8 lx (Low Light Mode)	WEIGHT	Approx. 700 g (without Battery Pack)
	LENS: 12 : 1 Power Zoom, Auto Iris, F1.6, Macro (Full Range AF) Focal Length: 3.55-42.8 mm Filter Diameter: 43.0 mm	DIMENSIONS	Approx. 75 (W) x 113 (H) x 192 (D) mm
	IMAGE SENSOR: 1/4-inch 3 CCD Image Sensor (Effective Pixels: 360k x 3, Total: 570k x 3)	STANDARD ACCESSORIES	1 pc. AC Adaptor 1 pc. Battery Pack Unit 1 pc. S-VIDEO Cable 1 pc. Shoulder Strap 1 pc. DC Input Cable 1 pc. AC Mains Cable 1 pc. AV Cable 1 pc. Remote Controller 1 pc. Bottom-type Battery 1 pc. Cassette; NV-MX300EN 1 pc. Head Cleaner 1 pc. Hood Strap 1 pc. Hood Cap Unit 1 pc. MMC Unit 1 pc. Conversion Adaptor 1 pc. SDMMC External Drive 1 pc. Application Soft
	FINDER: Colour Electronic Finder 2.5-inch Colour LCD Monitor		
VIDEO	RECORDING FORMAT: Digital Component		
	TELEVISION SYSTEM: CCIR; 625 Lines, 50 Fields PAL Colour Signal		
	VIDEO OUTPUT LEVEL: 1.0 Vp-p, 75Ω S-VIDEO OUTPUT LEVEL: Y; 1.0 Vp-p, 75Ω C; 0.3 Vp-p, 75Ω		
	VIDEO INPUT LEVEL: 1.0Vp-p, 75Ω S-VIDEO INPUT LEVEL: Y; 1.0 Vp-p, 75Ω C; 0.3 Vp-p, 75Ω		
Card Memory Functions	Recording Media: MultimediaCard, SD Memory Card Image Compression: JPEG		

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

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WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic

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1 INTRODUCTION

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1.1 INTRODUCTION1

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This service manual contains technical information which will allow service personnel's to understand and service this model. Please place orders using the parts list and not the drawing reference numbers.

If the circuit is changed or modified, this information will be followed by supplement service manual to be filed with original service manual.

Note 1:

These movie camera uses AC Adaptor is VSK0592.

The service manual for AC Adaptor is separate volume.

Order number for AC Adaptor-----VSK0592 : VMD0009025C8

Note 2:

This service manual does not contain the following information, because of the impossibility of servicing at component level.

1. Schematic Diagram, Block Diagram and C.B.A. layout of VTR Main C.B.A./ Camera Main C.B.A.
2. Parts List for individual parts of VTR Main C.B.A./ Camera Main C.B.A.
3. Exploded View and Parts List for individual parts of Mechanism Unit.

When a part replacement is required for repairing Main C.B.A. and/ or mechanism block, replace the assembly parts. (VTR Main C.B.A./ Camera Main C.B.A. and/ or Mechanism Unit)

The following circuits are contained in VTR Main C.B.A.

1. Main Connection Circuit
2. Drive Circuit
3. AV Driver Circuit

4. Video 1 Circuit
5. Video 2 Circuit
6. Video 3 Circuit
7. Control Circuit
8. DSC Circuit
9. Digital Interface Circuit
10. Ex Input Circuit
11. LCD Circuit
12. Head/ Rec Amp Circuit

The following circuits are contained in Camera Main C.B.A.

1. Sub Connection Circuit
2. Lens Drive Circuit
3. Process Circuit

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2 CAUTION FOR AC CORD (VJA0940 TYPE)

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2.1 INFORMATION FOR YOUR SAFETY

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IMPORTANT

Your attention is drawn to the fact that recording of pre-recorded tapes or discs or other published or broadcast material may infringe copyright laws.

WARNING

To reduce the risk of fire or shock hazard, do not expose this equipment to rain or moisture.

CAUTION

To reduce the risk of fire or shock hazard and annoying interference, use the recommended accessories only.

FOR YOUR SAFETY

DO NOT REMOVE THE OUTER COVER

To prevent electric shock, do not remove the cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

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2.2 CAUTION FOR AC MAINS LEAD

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For your safety, please read the following text carefully.

This appliance is supplied with a moulded three-pin mains plug for your safety and convenience.

A 5-ampere fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5 amperes and it is approved by ASTA or BSI to BS1362

Check for the ASRA mark or the BSI mark on the body of the fuse.



If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover, the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local Panasonic Dealer.

If the fitted moulded plug is unsuitable for the socket outlet in your home then the fuse should be removed and the plug cut off and disposed of safely.

There is a danger of severe electrical shock if the cut off plug is inserted into any 13-ampere socket.

If a new plug is to be fitted please observe the wiring code as shown below.

If in any doubt, please consult a qualified electrician.

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2.2.1 Important

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The wires in this mains lead are coloured in accordance with the following code:

Blue	Neutral
Brown	Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED. Under no circumstances should either of these wires be connected to the earth terminal of the three pin plug, marked with the letter E or the Earth Symbol.

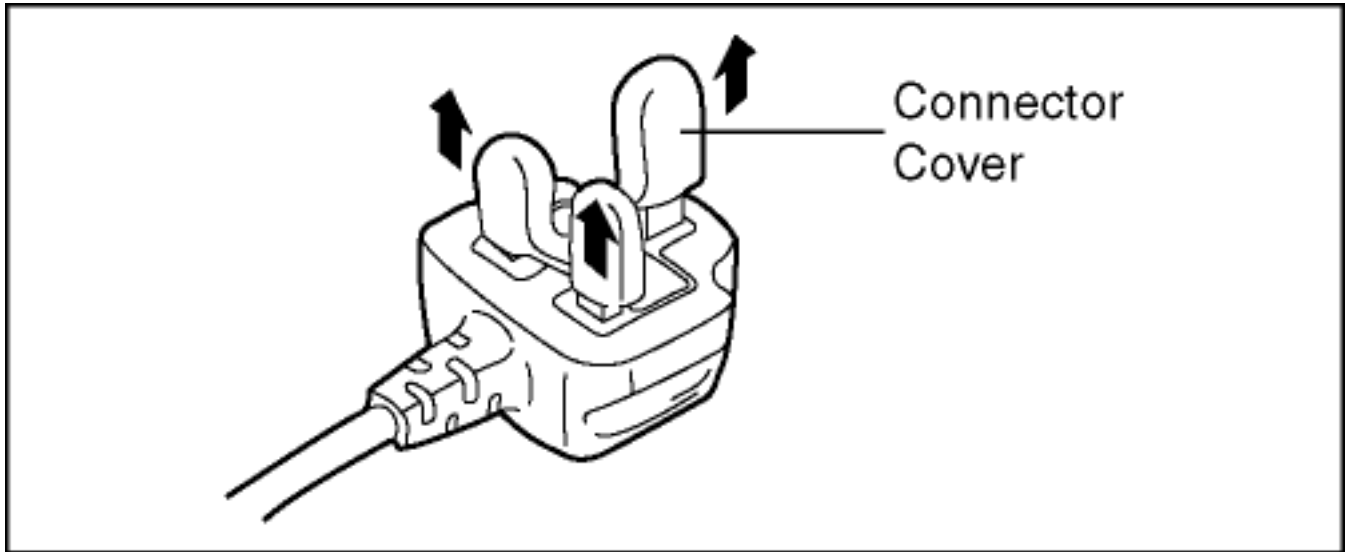
Earth Symbol	
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2.2.2 Before use

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remove the Connector Cover as follows.

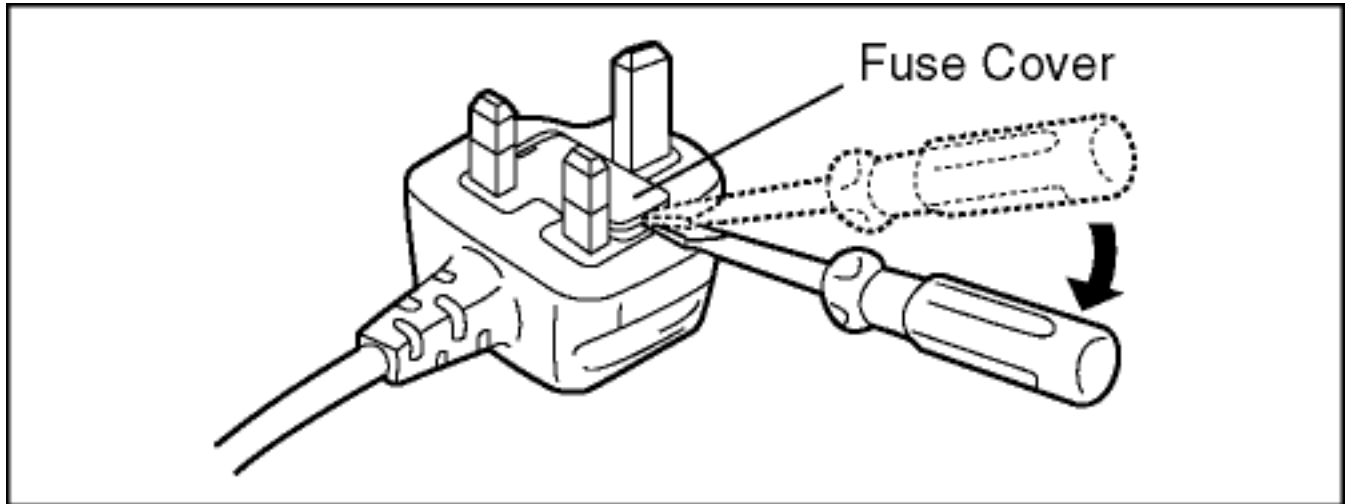


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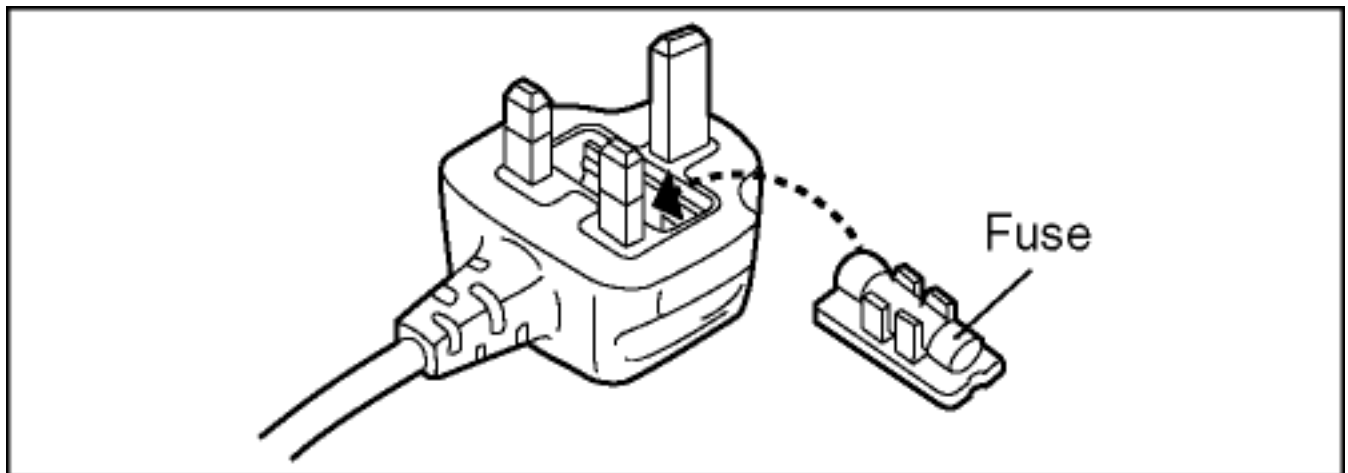
2.2.3 How to replace the Fuse

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1. Remove the Fuse Cover with a screwdriver.



2. Replace the fuse and attach the Fuse cover.



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3 SERVICE CAUTION

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[3.1 EEPROM DATA FOR SPARE PARTS OF THE VTR MAIN C.B.A.](#)

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[3.3 LOCATION FOR SPARE CONNECTORS OF THE MAIN C.B.A.](#)

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3.1 EEPROM DATA FOR SPARE PARTS OF THE VTR MAIN C.B.A.

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When the VTR Main C.B.A. is replaced, the fixed and average data must be changed by Tatsujin kit according to the Movie Camera's suffix.

Then, confirm and/or adjust the VTR and Camera adjustment one by one.

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3.2 SERVICE EXTENSION CABLES.

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This models is required the following extension cables for all connections.

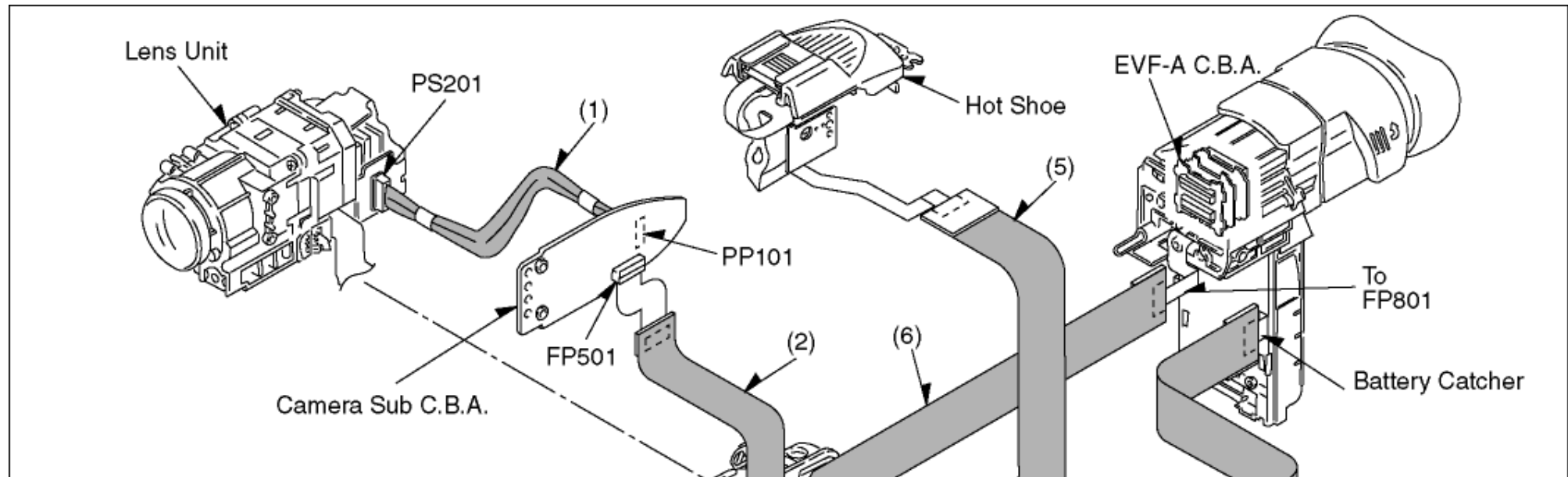
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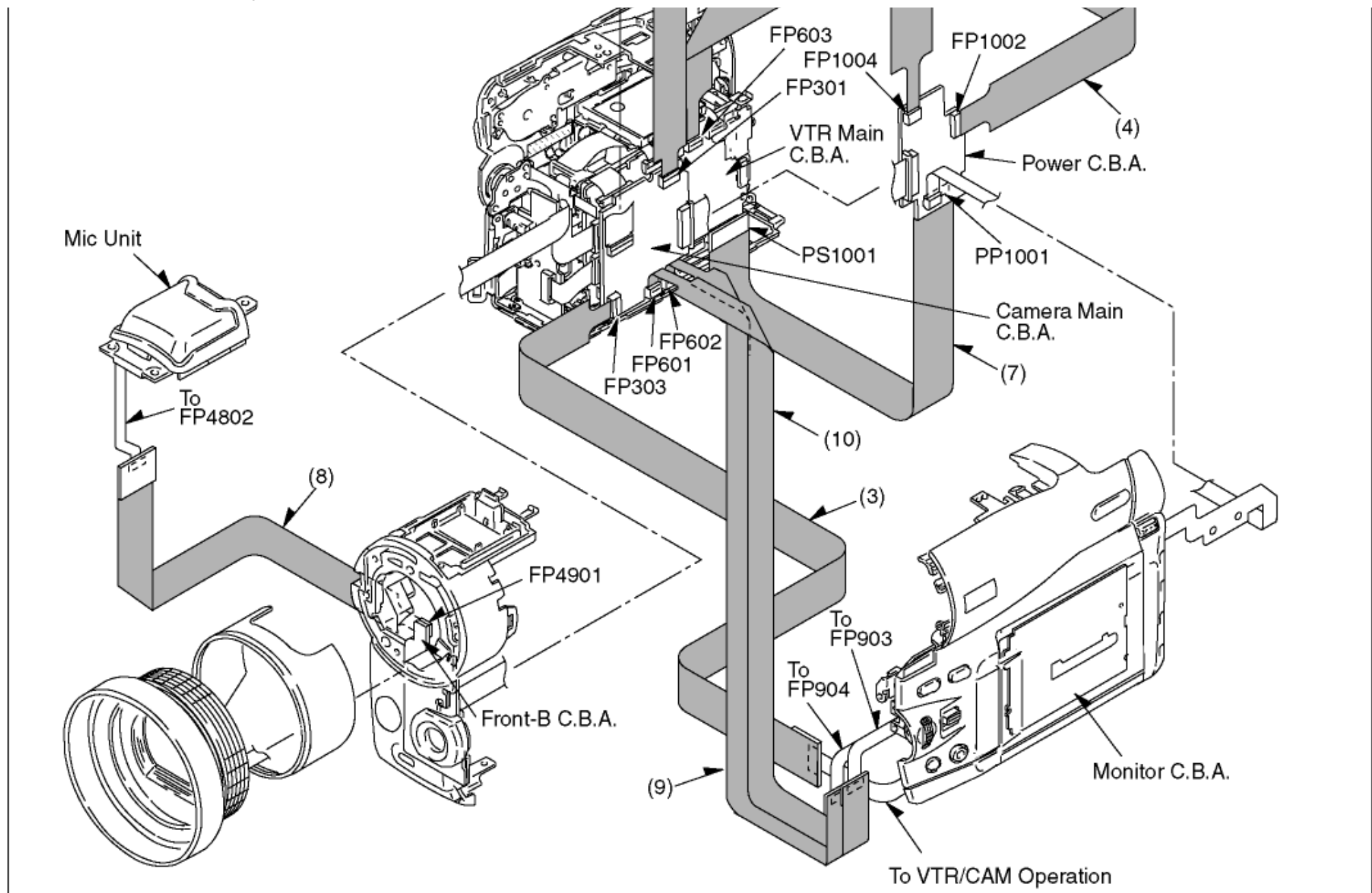
Use the following extension cables when checking or adjusting individual circuit boards except module Parts. (VTR Main C.B.A., Camera Main C.B.A. and Mechanism Unit)

Ref.	Part No.	Pin	Part Name	Connection	Q'ty	Remarks
(1)	VFK1389	26	Extension Cable	PP101(Camera Sub) - PS201(CCD)	1	As NV-DX100
(2)	VFK1575C3320	33	Flat Cable	FP501(Camera Sub) - FP301(Camera Main)	1	As NV-MX1
(3)	VFK1388	12	Flat Cable	FP303(Camera Main) - VTR/CAM Operation	1	As NV-DX100
(4)	VFK1173	14	Flat Cable	FP1002(Power) - Battery Catcher	1	As NV-DX1
(5)	VFK1440	10	Flat Cable	FP1004(Power) - Hot Shoe	1	As NV-DS77
(6)	VFK1442	21	Flat Cable	FP603(Main) - FP801(EVF-A)	1	As NV-DS77
(7)	VFK1513	80	Flat Cable	PS1001(Main) - PP1001(Power)	1	As NV-EX3
(8)	VFK1480	6	Flat Cable	FP4901(Front-B) - FP4802(Mic)	1	As NV-EX1
(9)	VFK1452	17	Flat Cable	FP602(Camera Main) - FP904(Monitor)	1	As NV-DS77
(10)	VFK1442	21	Flat Cable	FP601(Camera Main) - FP903(Monitor)	1	As NV-DS77

How to use extension cables.

Fig. T1-1





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3.3 LOCATION FOR SPARE CONNECTORS OF THE MAIN C.B.A.

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[3.3.1 VTR MAIN C.B.A.](#)

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3.3.1 VTR MAIN C.B.A.

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3.3.2 CAMERA MAIN C.B.A.

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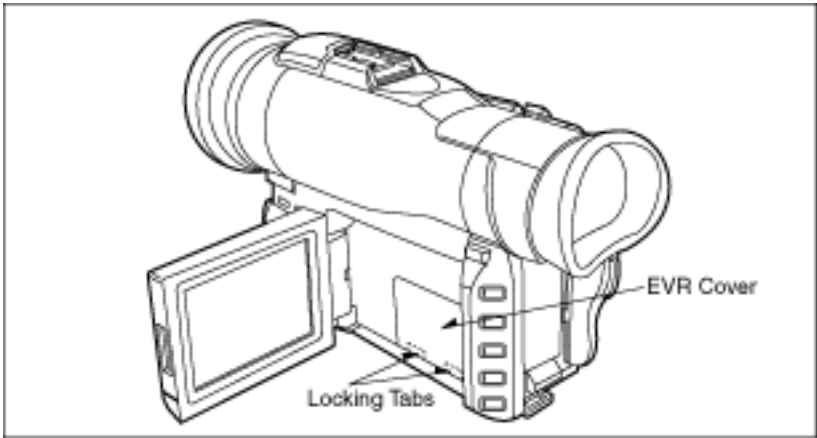
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4 PREPARATION FOR ELECTRICAL ADJUSTMENT

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1. Unlock the locking tab and remove the EVR connector cover which is located on Battery Catcher Unit as follows.
2. Then connect the following cables as shown in [Fig. E2](#) .

Fig. E1



Part No.	Part Name	Q'ty	Remarks
VFK1395	232C(M3)I/F Cable	1	
VFK1308E	Measuring Board	1	
VFK1309	EVR Connector Board	1	
VFK1317	30 Pin Flat Cable	2	
VJA0941	DC Output Cable	1	For AC Adaptor
VFK1164TAR3A	Setup Ring	1	For Collimator
VFK1309EX	Connection Adaptor	1	

Fig. E2

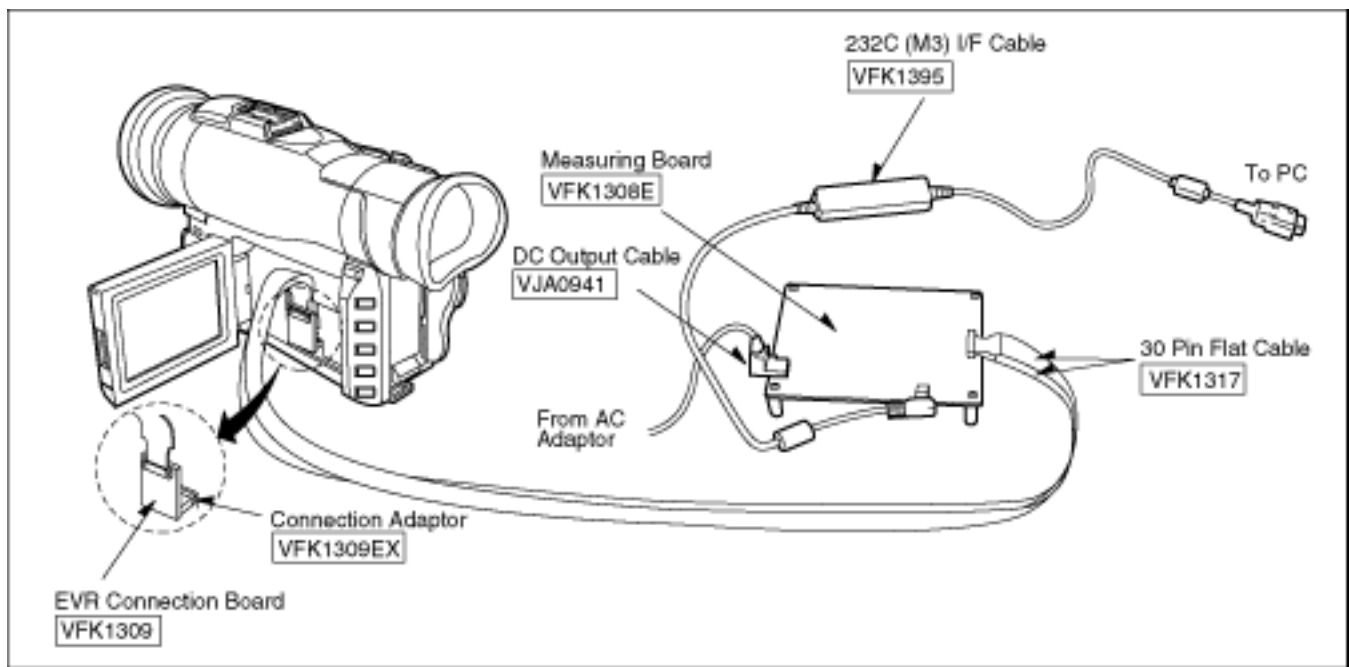
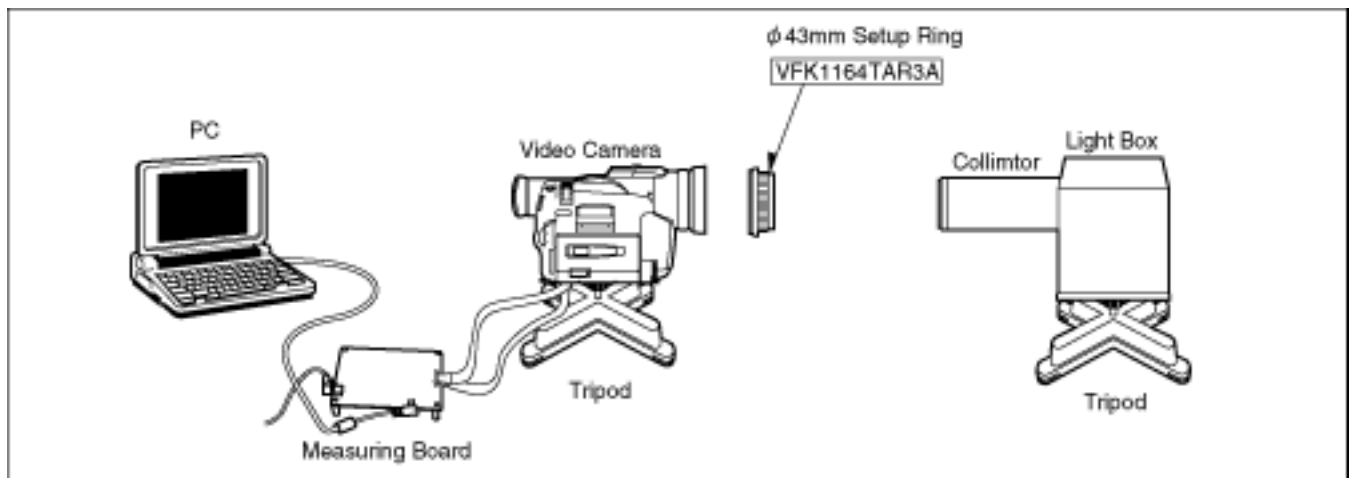


Fig. E3



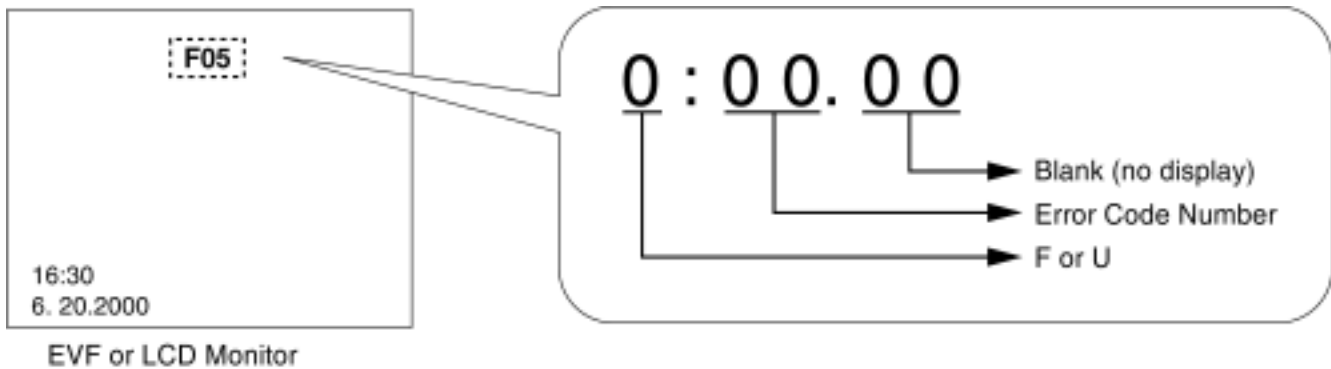
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5 SERVICE MODE

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When undesirable conditions occurred, the error code is displayed on the EVF or LCD Monitor.

Also, the Camera LED is flashed according to the error code as follows.



DISPLAY	CONDITION	POWER OFF TIMING / POWER LED FLASHING TIMING
F01	T-Reel Lock	After 1 minute flashing the LED
F02	S-Reel Lock	After 1 minute flashing the LED
F03	Unloading Lock	After 1 minute flashing the LED
F04	Loading Lock	After 1 minute flashing the LED
F05	Cylinder Lock	After 1 minute flashing the LED
F31	Data Transmission Error	Not turning OFF
F51	Focus Motor Lock	Not turning OFF Power LED is flashed at 1 Hz timing
F52	Zoom Motor Lock	Not turning OFF Power LED is flashed at 1 Hz timing
F53	OIS Lock 1 (Sensor)	Not turning OFF

F54	OIS Lock 2 (Actuator)	Not turning OFF
U10	Dew Detection	After 18 seconds flashing the LED Power LED is flashed at 1 Hz timing
U11	Head Clogging	Not turning OFF

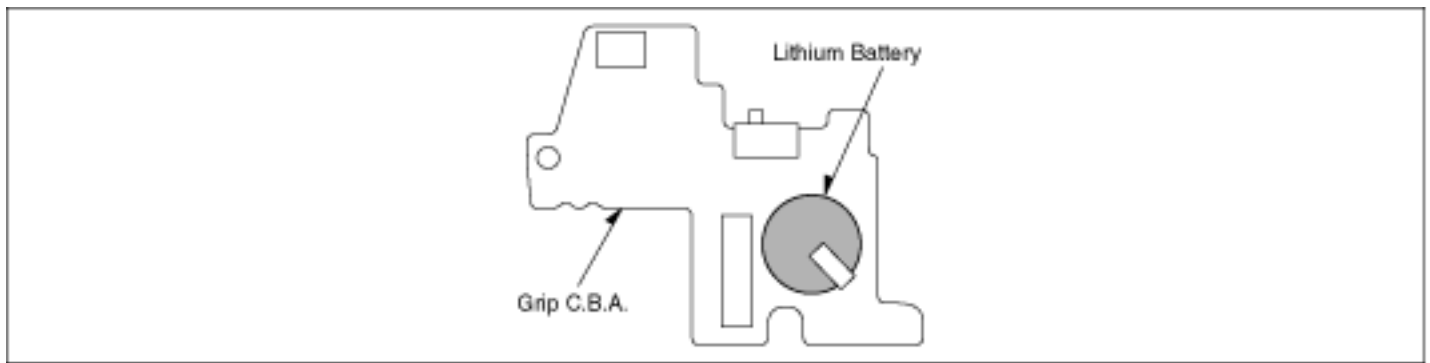
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6 HOW TO REPLACE THE LITHIUM BATTERY (PROCEDURE)

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1. Remove the Grip C.B.A. from Side Case (L) (Refer to Disassembly Procedures.)
2. Unsolder the Lithium Battery“VSB0407” and then replace the new one. (See [Fig. B1](#) .)

Fig. B1



Note:

The lithium battery is a critical component. (Type No.: VSB0407 Manufactured by Panasonic.)

It must never be subjected to excessive heat or discharge.

It must therefore only be fitted in equipment designed specifically for its use.

Replacement batteries must be of the same type and manufacture.

They must be fitted in the same manner and location as the original battery, with the correct polarity contacts observed.

Do not attempt to re-charge the old battery or re-use it for any other purpose.

It should be disposed of in waste products destined for burial rather than incineration.

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the equipment manufacturer.
Discard used batteries according to manufacturer's instructions.

VARNING

Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren.
Kassera använt batteri enligt fabrikantens instruktion.

ADVARSEL!

Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandøren.

VAROITUS

Paristo voi räjähtää, jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

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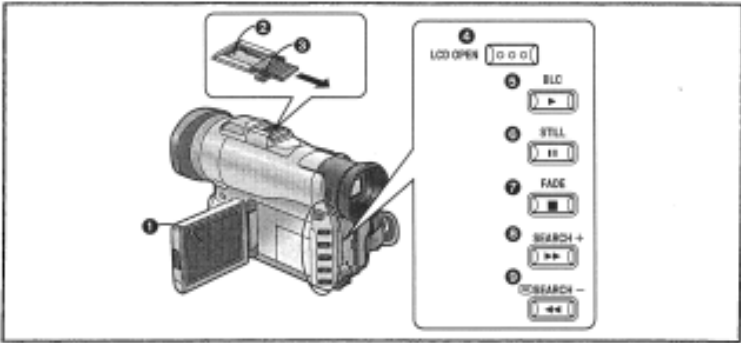
Standard Accessories

1. AC Adaptor

To supply power to the Movie Camera.
To charge the Battery.
DC Input Lead and AC Mains Lead

To connect the AC Adaptor to the Movie Camera and to an AC mains socket.
2. Battery Pack

To supply the Movie Camera with power.
3. Remote Controller and Button-Type Battery
4. AV Cable
5. S-Video Cable
6. Edit Terminal Conversion Adaptor
7. Shoulder Strap
8. Digital Video Head Cleaner
9. Lens Cap and Lens Cap Cord
10. MultiMediaCard
11. USB Reader Writer for SD Memory Card
12. CD-ROM: USB Reader Writer for SD Memory Card Programme, HotShots and NetCard



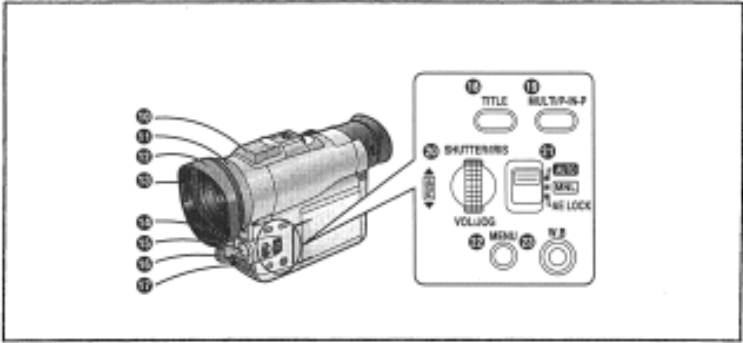
Controls and Components

1. LCD Monitor

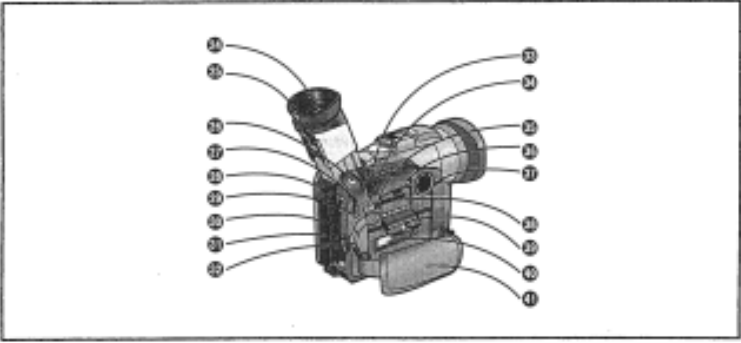
Due to limitations in LCD production technology, there may be some tiny bright or dark spots on the LCD Monitor screen. However, this is not a malfunction and does not affect the recorded picture.
2. Smart Accessory Shoe

The Video Flash (VW-FH3E; optional) or the Stereo Microphone (VW-VM32E; optional), etc. can be attached here. Power is supplied directly from the Movie Camera when using an accessory supported by the Smart Accessory Shoe. Remove the Shoe Cover to attach these accessories.
*Do not touch the connector part of the Smart Accessory Shoe.
3. Shoe Cover

When using the Shoe, remove the Shoe Cover by sliding it in the direction of the arrow.
4. LCD Monitor Open Button [LCD OPEN]
5. Backlight Button [B.L.C.]
Play Button [▶]
6. Still Button [STILL]
Pause Button [H]
7. Fade Button [FADE]
Stop Button [■]
8. Forward Search Button [SEARCH+]
Fast Forward/Cue Button [▶▶]
9. Reverse Search Button [SEARCH-]
Rewind/Review Button [◀◀]
Recording Check Button [RECORD]

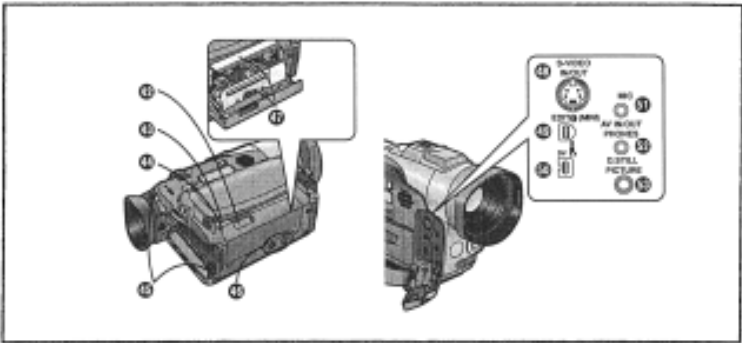


10. Microphone (built-in, stereo)
11. Focus Ring
12. Lens Hood
13. Lens
14. White Balance Sensor
15. Focus Button [FOCUS]
16. Recording Lamp
17. Remote Control Sensor
18. Title Button [TITLE]
19. Multi-Picture Button [MULTI]
Picture-in-Picture Button [P-IN-P]
20. Multi-Function Dial [PUSH]
21. Mode Selector Switch [AUTOMN/LAE LOCK]
22. Menu Button [MENU]
23. White Balance Button [W.B.]



24. Finder

Due to limitations in LCD production technology, there may be some tiny bright or dark spots on the Finder screen. However, this is not a malfunction and does not affect the recorded picture.
25. Eyepiece Connector Knob
26. Photoshot Button [PHOTO SHOT]
27. Reset Button [RESET]
28. Battery Eject Button [BATTERY EJECT]
29. Operation Mode Lamps [CAMERA/CR/CARD P.B.]
30. Battery Holder
31. Recording Start/Stop Button
32. OFF/ON Mode Selector Switch [OFF/ON/MODE]
33. Zoom Lever [W/T]
34. Tape/Card Photoshot Selector [TAPE/CARD]
35. Card Access Lamp [ACCESS]
36. Card Slot Cover Open Lever [OPEN]
37. Speaker
38. Card Slot
39. Card Slot Cover
40. Cassette Compartment Window
41. Grip Belt



- ① Cassette Eject Lever [OPEN/EJECT]
- ② Upper Cassette Compartment Cover
- ③ Lower Cassette Compartment Cover
- ④ Shoulder Strap Holders
- ⑤ Tripod Receptacle
To mount the Movie Camera on an optional tripod.
- ⑥ Cassette Holder
- ⑦ S-Video Input/Output Socket [S-VIDEO IN/OUT]
Connect the S-VIDEO Cable to this socket to record cleaner pictures or view on the TV screen.
- ⑧ Edit Socket [EDIT] [MINI]
- ⑨ DV Terminal [i.LINK] [i.LINK]
Connect it to digital video equipment.
"i.LINK" is the name of the connector in accordance with the IEEE1394-1995.
"i.LINK" is the logo marked on products conforming with the "i.LINK" specifications.

- ⑩ Microphone Socket [MIC]
To connect an external microphone or audio equipment.
(Connecting to this socket deactivates the built-in microphones.)
- ⑪ Audio-Video Input/Output Socket [AV IN/OUT]
Headphone Socket [PHONES]
When a cable is connected to this socket, the Movie Camera's built-in speaker is turned off.
- ⑫ Digital Still Picture Terminal [D.STILL PICTURE]

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8 ADJUSTMENT PROCEDURES

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8.1 DISASSEMBLE FLOW CHART

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This flow chart indicates the disassembly steps the cabinet parts, C.B.A. and Mecha. Unit in order to access to be serviced. When reinstalling, perform the steps in the reverse order.

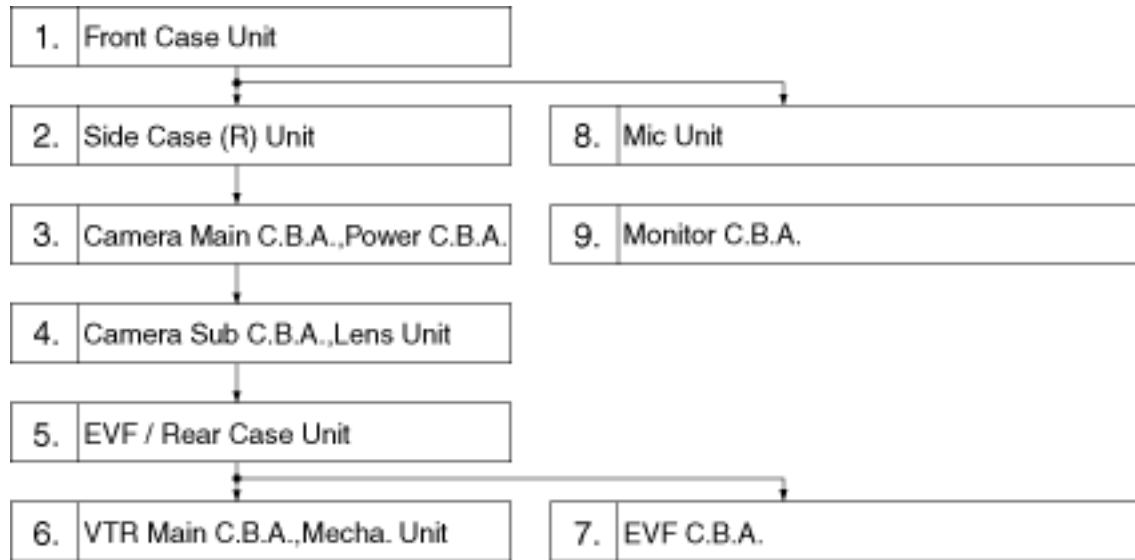
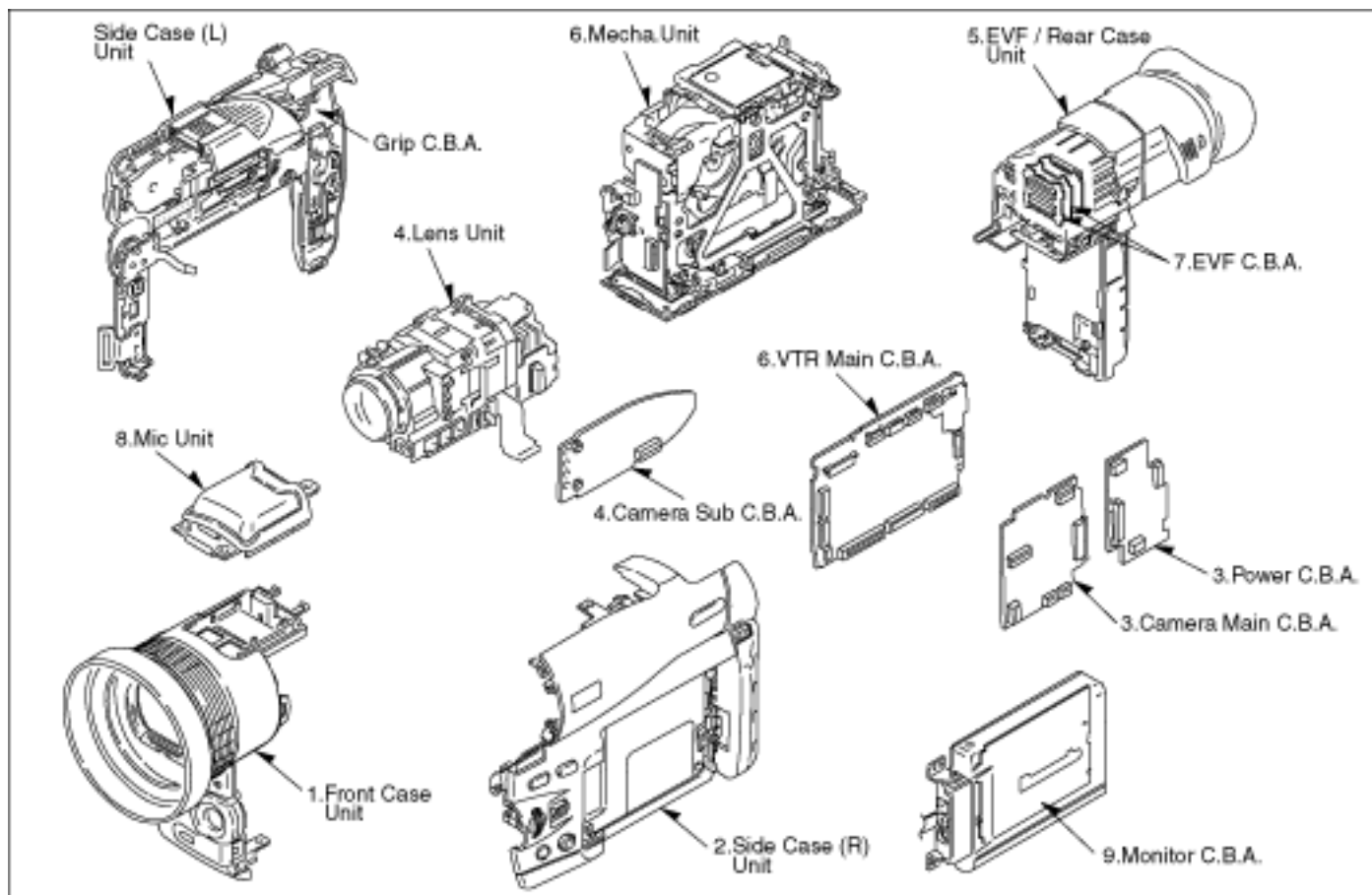


Fig. F1



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8.2 DISASSEMBLY PROCEDURES

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Flow-Chart for Disassembly Procedure

No.	Item/Part	Fig.	Removal(Screw& Other)
(1)	Front Case Unit	Fig. 1	5-Screws (A/B/C/D) Slide the Shoe Cover. 1-Screw (E)
		Fig. 2	2-Screws (F) Disconnect the FP4903. Unlock---(a) Remove the Front Case Unit.
(2)	Side Case (R) Unit	Fig. 3	7-Screws (G/H/I) Unlock---(b) Disconnect the following connectors. FP601/FP602/FP303/FP1003 Remove the Side Case (R) Unit.
(3)	Camera Main C.B.A., Power C.B.A.	Fig. 4	1-Screw(J) Disconnect the following connectors. FP301/FP302/PP301/FP701 Remove the Camera Main C.B.A.. Disconnect the following connectors. FP1002/FP1004/PP1001 Removethe Power C.B.A..
(4)	Camera Sub C.B.A., Lens Unit	Fig. 5	1-Screw(K) Disconnect the PP101. 2-Screws(L) Remove the Lens Unit.
(5)	EVF/Rear Case Unit	Fig. 6	5-Screws(M/N) Disconnect the FP603. Unlock---(c) Remove the EVF/Rear Case Unit.
(6)	VTR Main C.B.A., Mecha. Unit	Fig. 7	3-Screws(O/P) Disconnect the following connectors. FP2205/FP3401/FP4002
		Fig. 8	Cassette Cover open.
		Fig. 7	Remove the Mecha. Unit& VTR Main C.B.A..
		Fig. 9	Disconnect the following connectors. FP5001/FP2202/FP2203/FP2201/ FP2204 Unlock---(d) Remove the VTR Main C.B.A.. 3-Screws(Q) Remove theMecha. Frame Unit.

(7)	EVF C.B.A.	Fig. 10	1-Screw(R) Remove the EVF Flex. Barrier. 2-Screws(S) Remove the EVF U from Rear Case Unit.
		Fig. 11	Remove the Window Cover. 2-Screws(T). Remove the Eyecup Unit. Unlock---(e) Remove the EVF Slide Case. 2-Screws(U). Remove the Holder Piece Protect Cover.
		Fig. 12	Remove the EVF Slide Angle Unit. 4-Screws(V) Remove the EVF Hinge.
		Fig. 13	Remove the EVF (1) Unit.
		Fig. 14	Unlock---(f) Remove the EVF (A) C.B.A..
		Fig. 15	Unlock---(g) Remove the EVF (B) C.B.A..
(8)	Mic Unit	Fig. 16	3-Screws(W) Disconnect the FP4902. Remove the MF Unit.
		Fig. 17	Remove the Front Decoration.
		Fig. 18	Disconnect the FP4901. Remove the Protect Sheet. 2-Screws(X)
(9)	Monitor C.B.A.	Fig. 19	3-Screws(Y/Z) Remove the LCD Case (Upper) Unit. 1-Screw(a) Disconnect the following Conectors. FP905/FP904/FP903/FP901 Unsolder read wire. Unlock---(h) Removethe Monitor C.B.A./Hall Sensor Flex. C.B.A./Back Light Unit.

Fig. 1

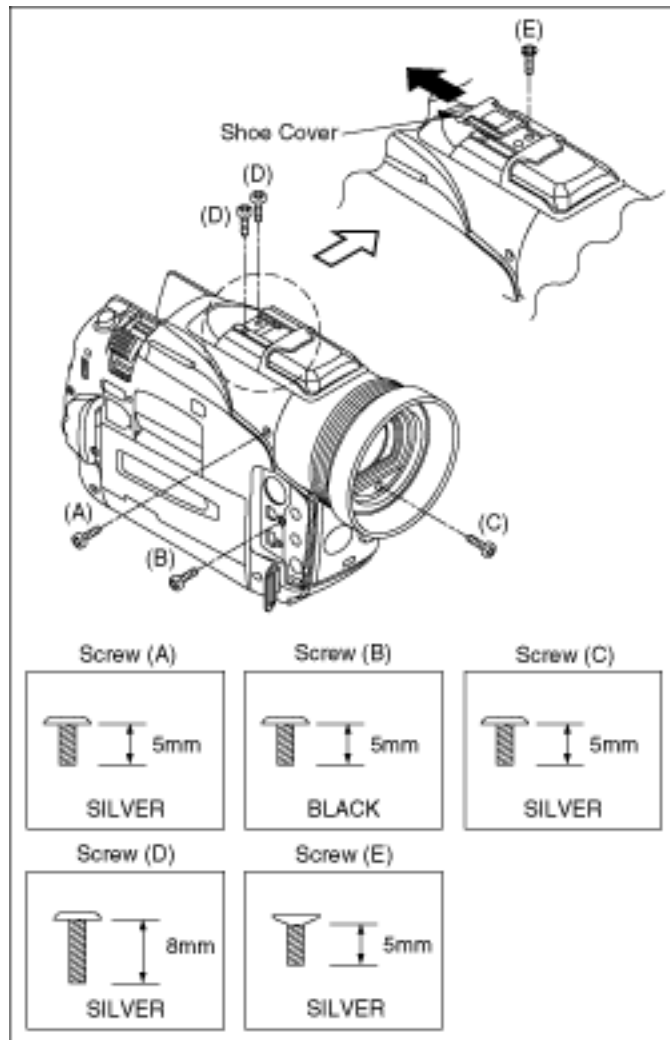


Fig. 2

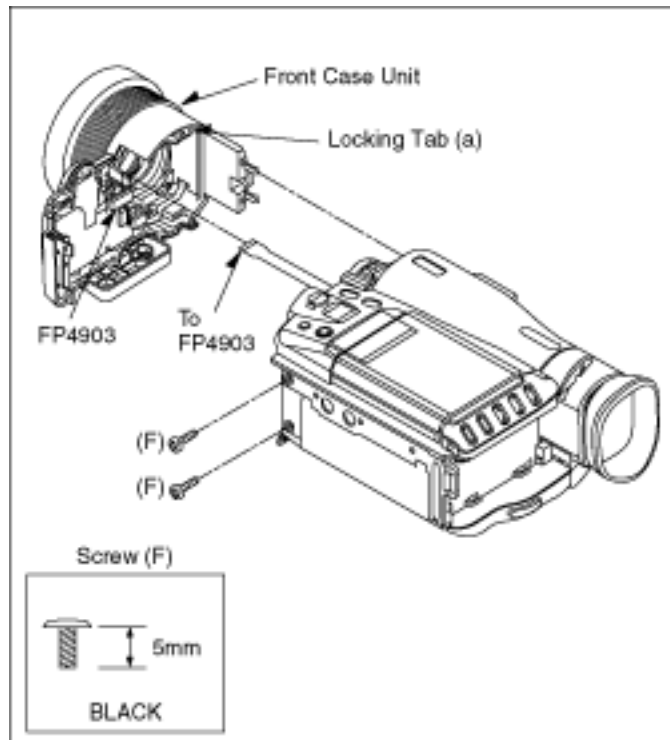


Fig. 3

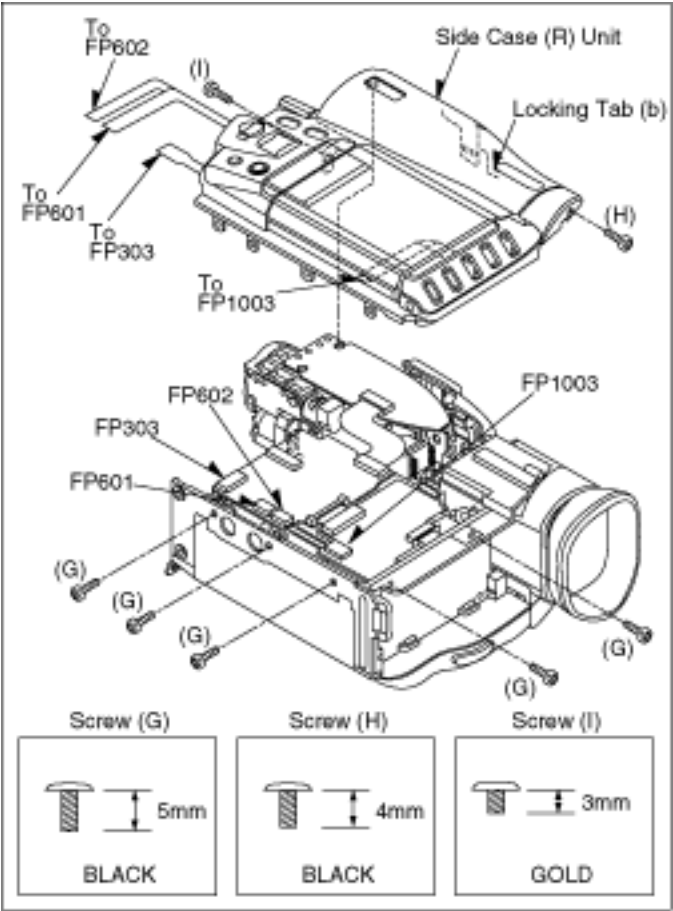


Fig. 4

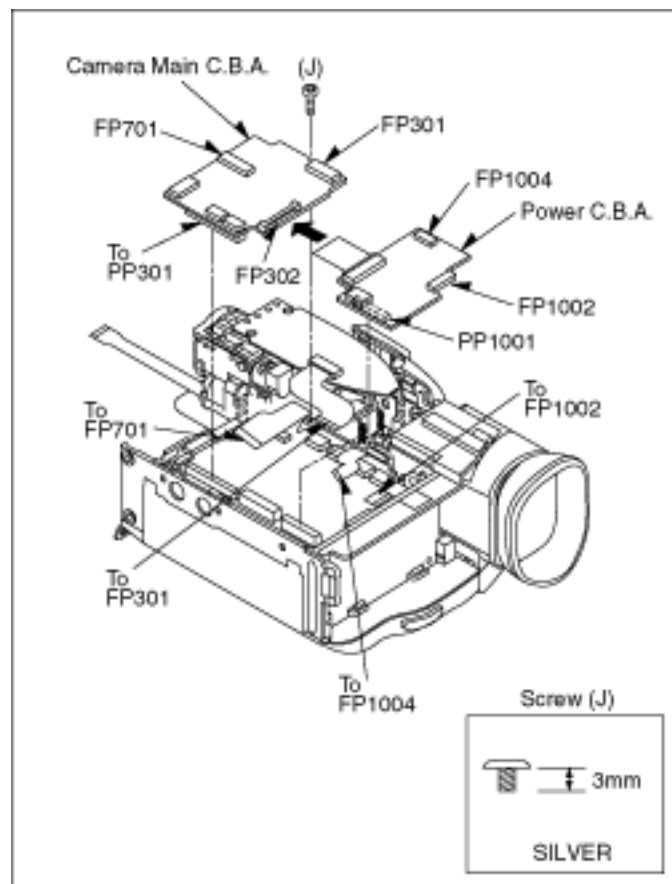


Fig. 5

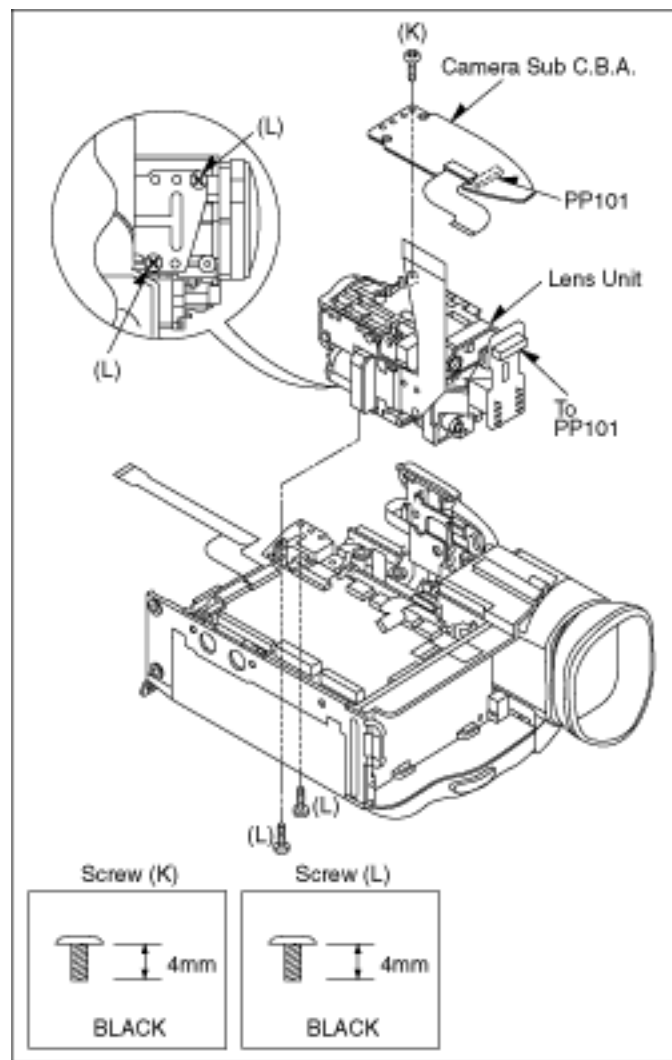


Fig. 6

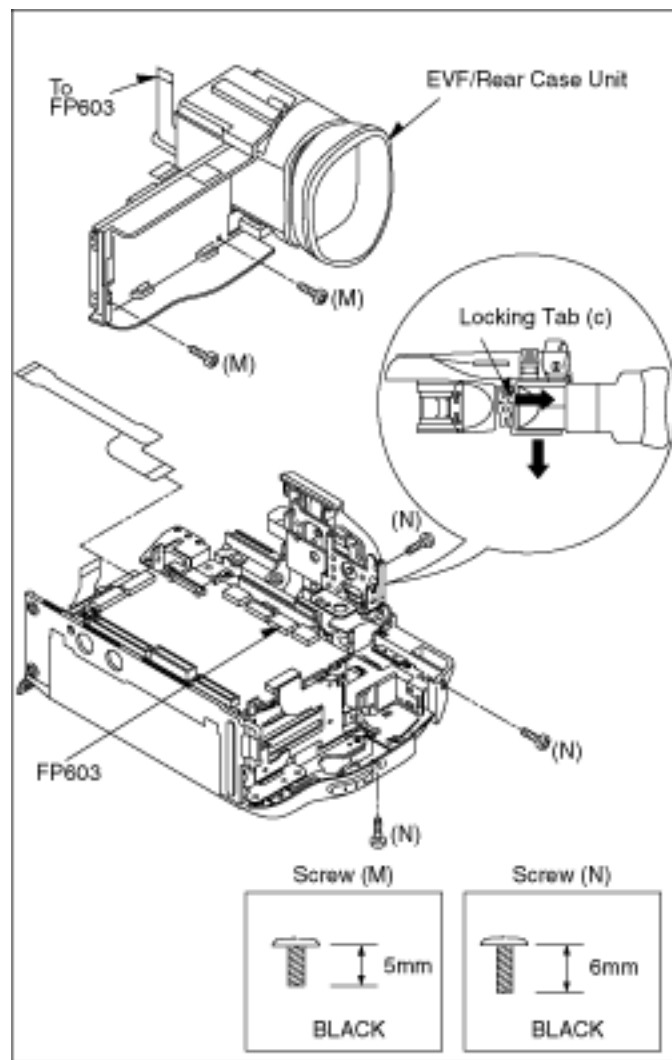


Fig. 7

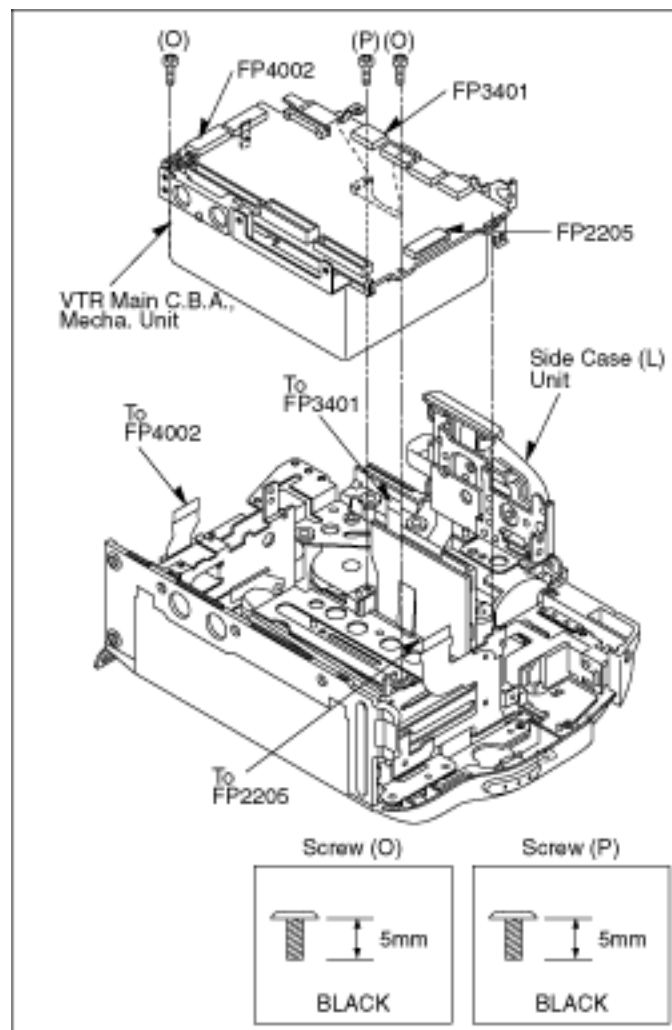


Fig. 8

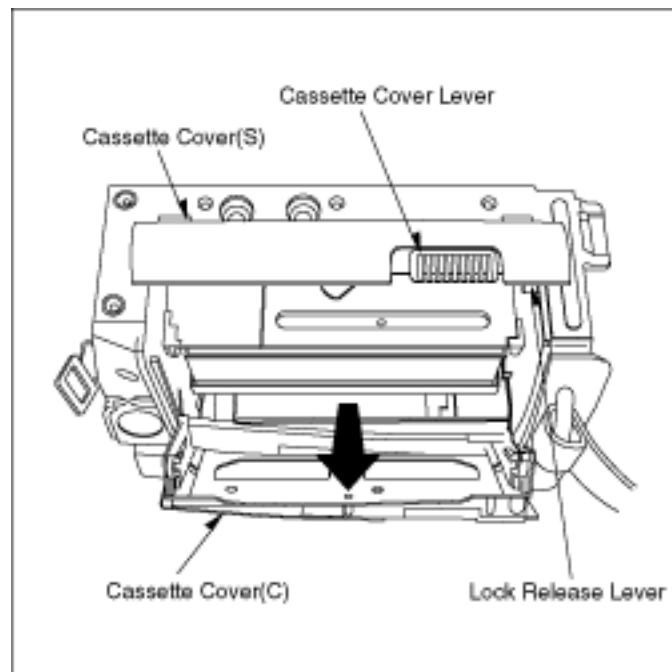


Fig. 9

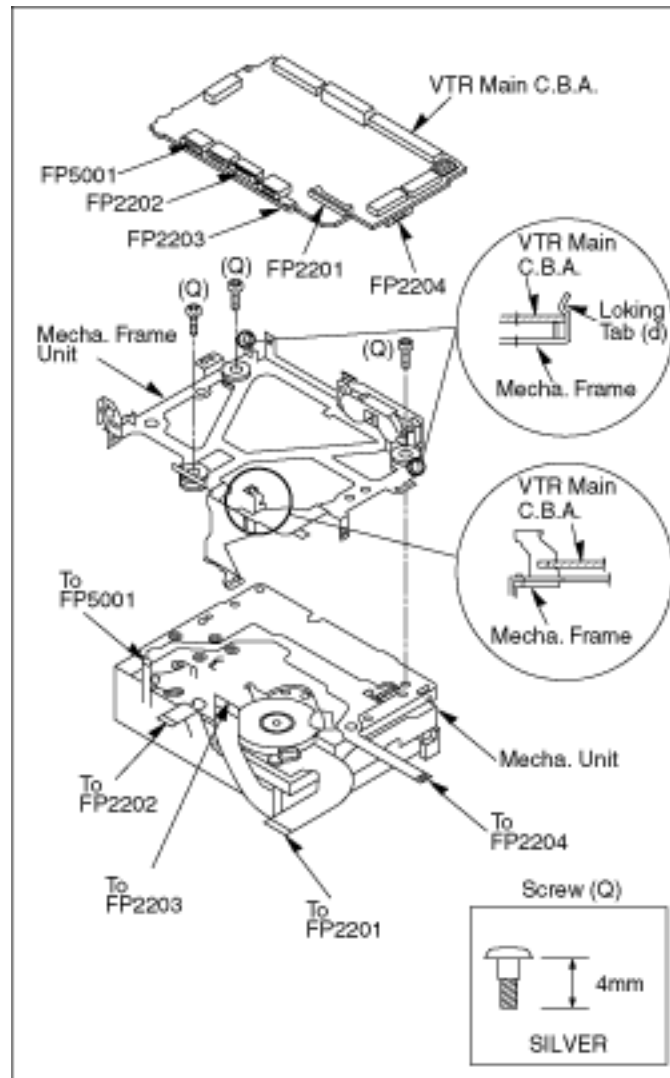


Fig. 10

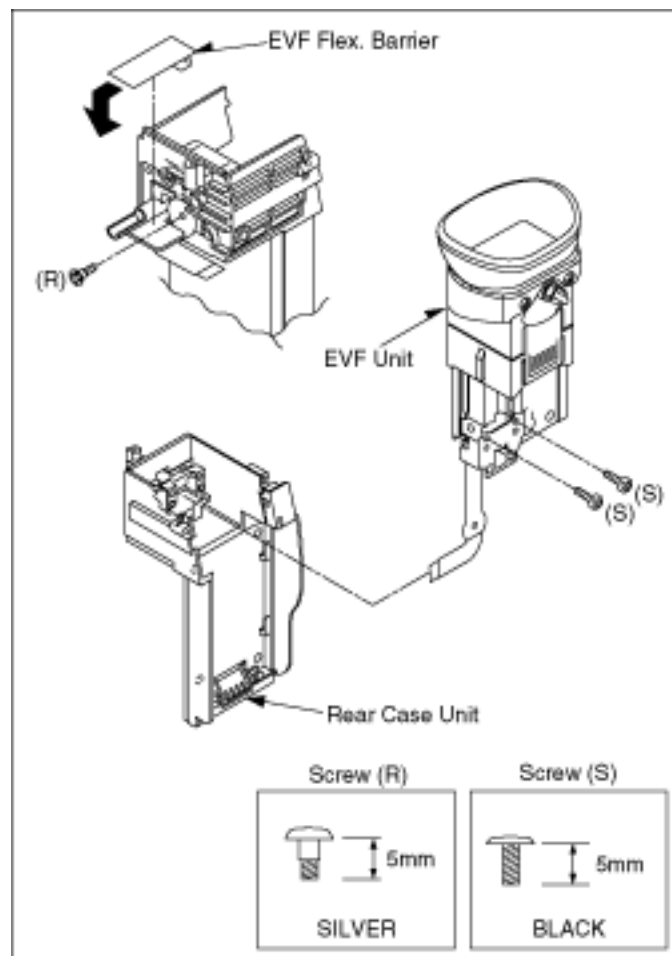


Fig. 11

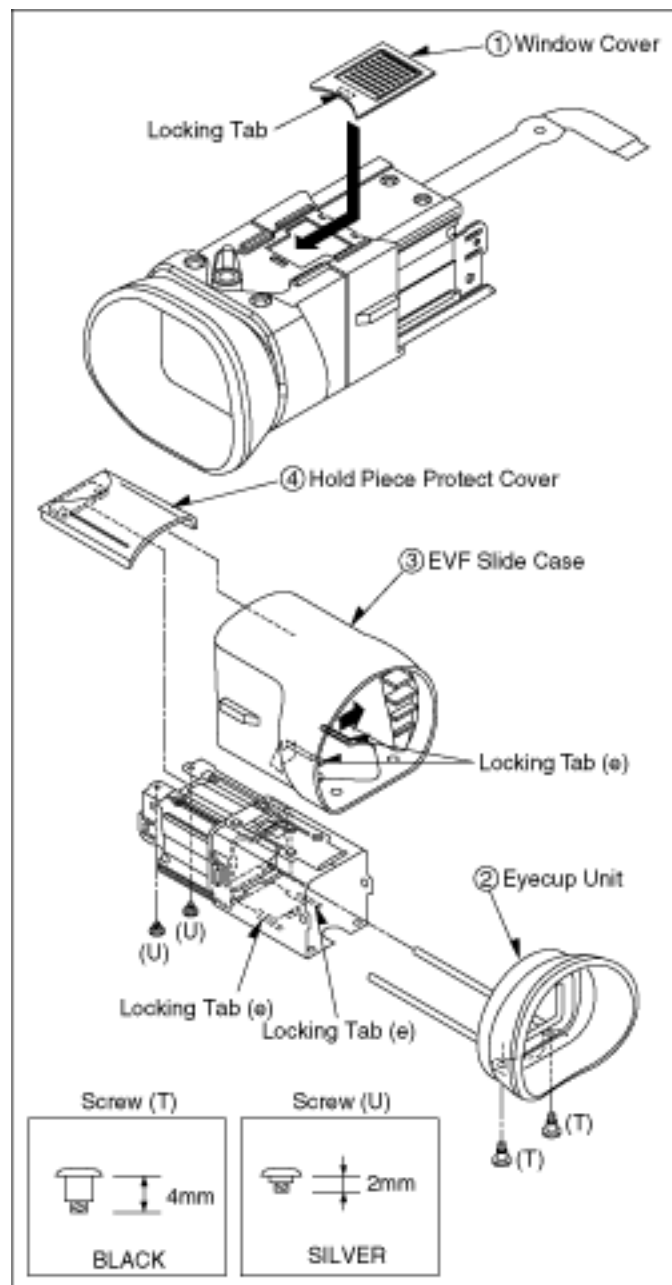


Fig. 12

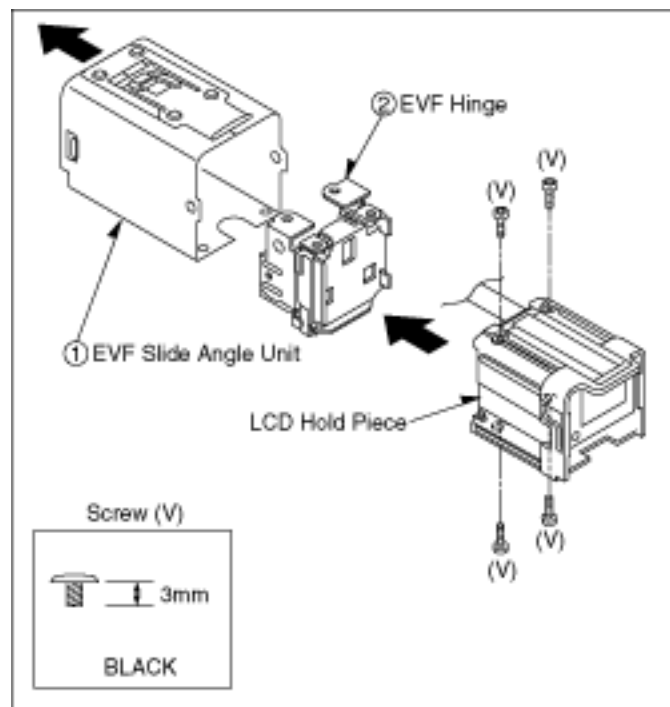


Fig. 13

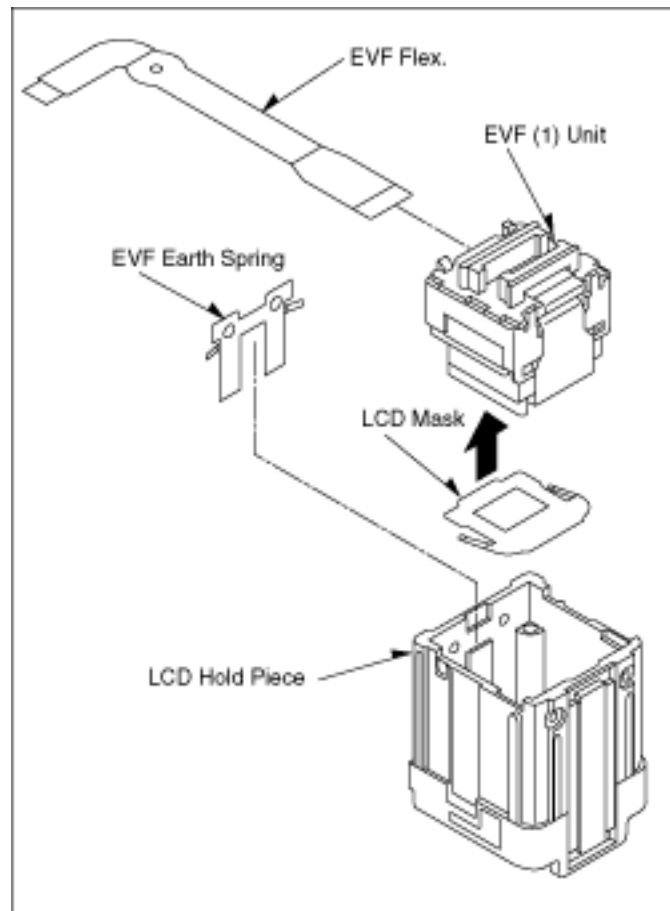


Fig. 14

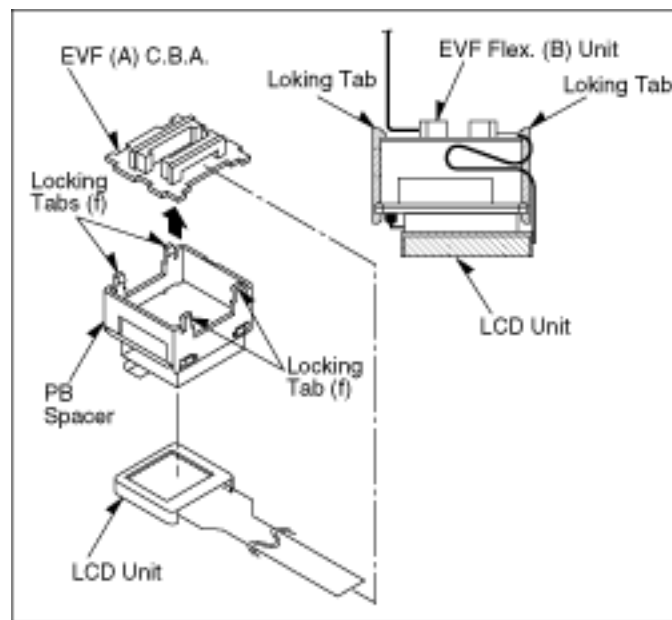


Fig. 15

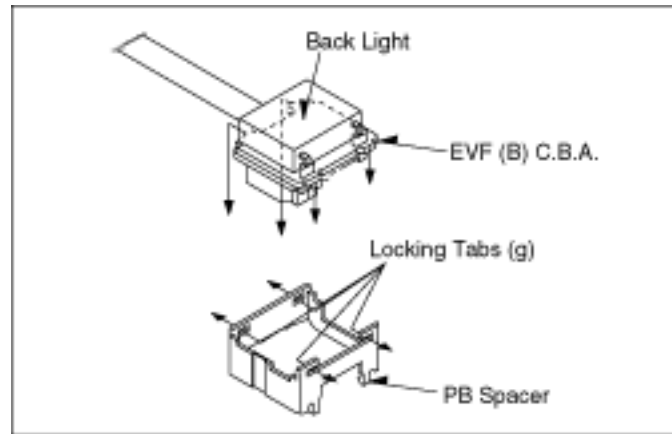


Fig. 16

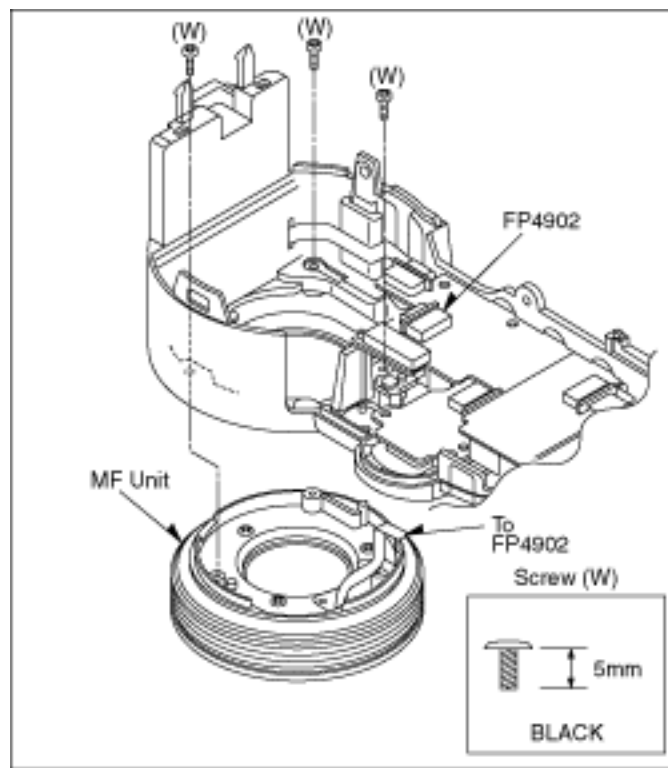


Fig. 17

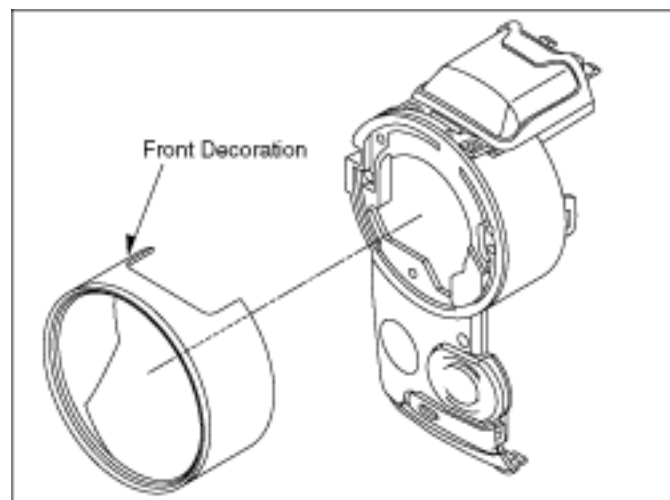


Fig. 18

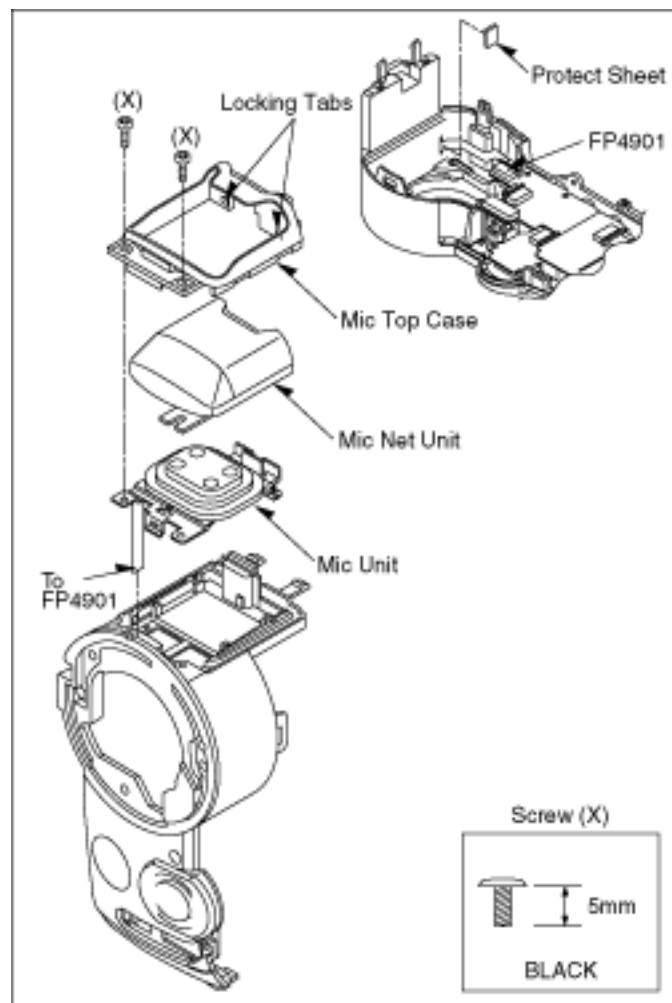
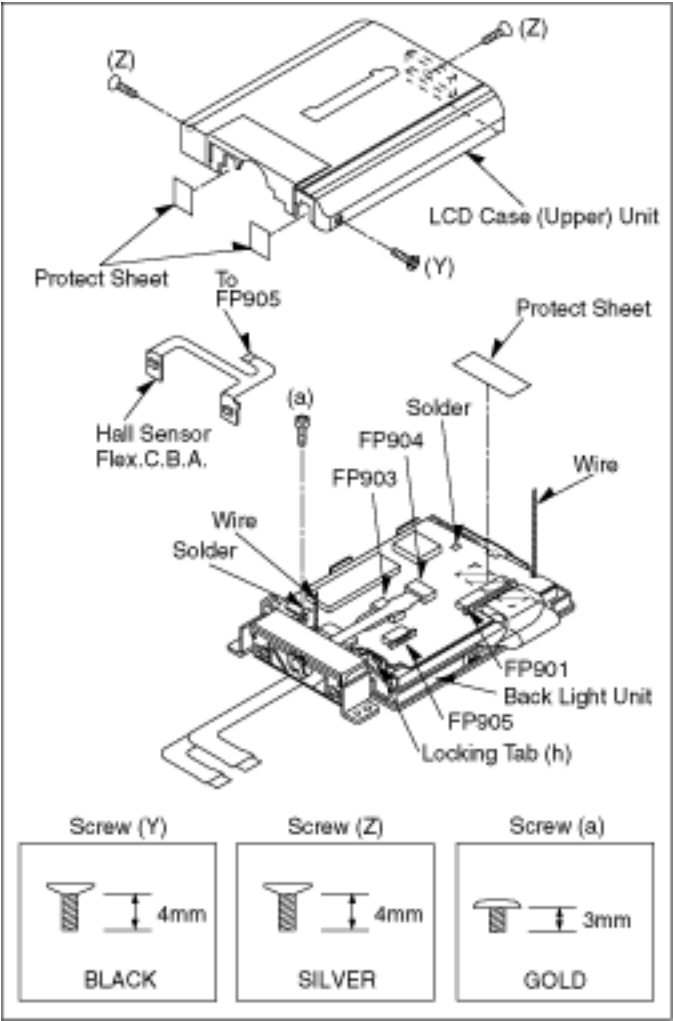


Fig. 19



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8.3 DISASSEMBLY PROCEDURES OF CAMERA LENS UNIT

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The following flowchart describes order or steps for removing the Camera lens unit and certain printed circuit boards in order to make access to the item needing service./To reassemble the unit follow the steps in reverse order.

Fig. L1

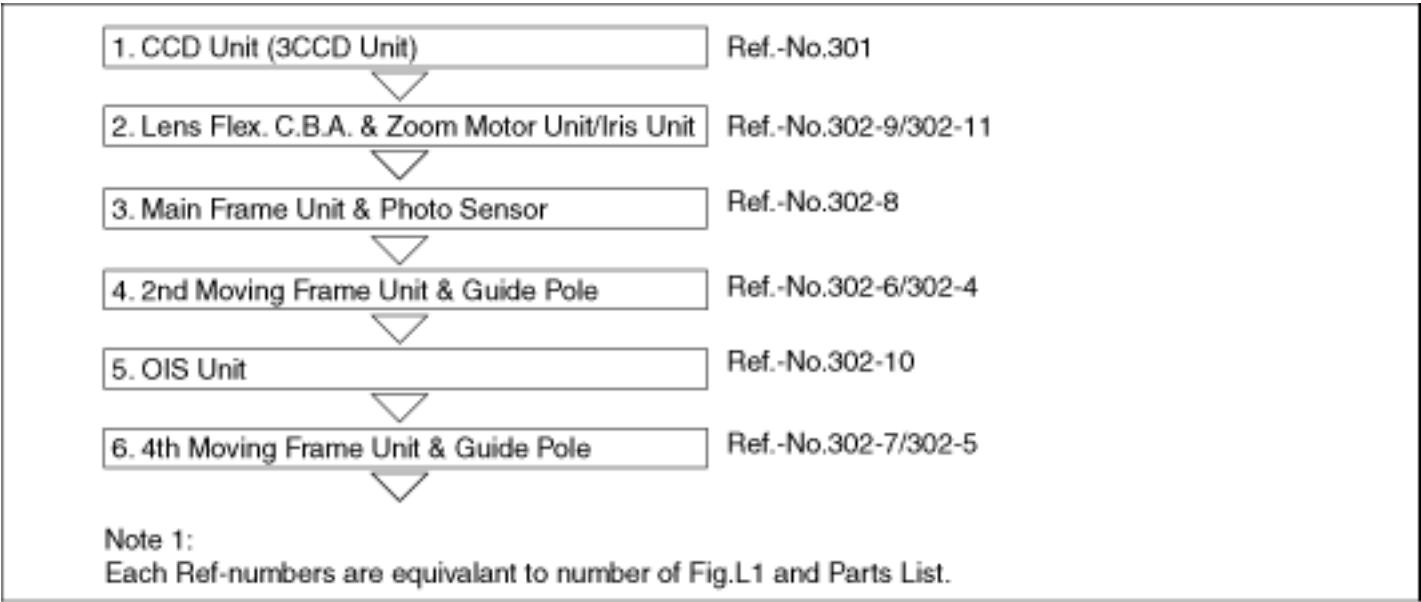
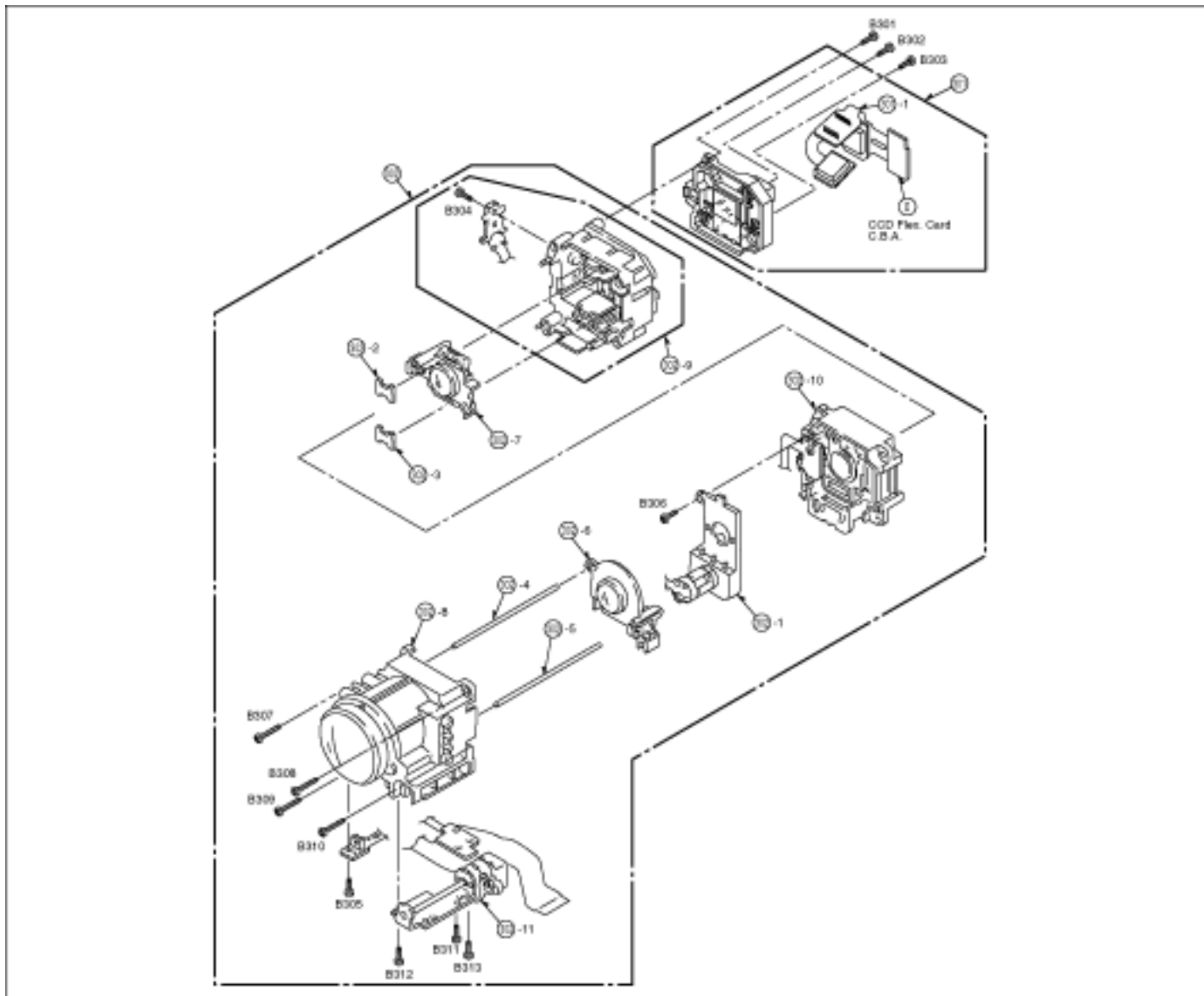


Fig. L2



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11.4 MONITOR& HALL SENSOR FLEX. CARD SCHEMATIC DIAGRAM

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11.5 POWER SCHEMATIC DIAGRAM

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11.6 CAMERA SUB SCHEMATIC DIAGRAM

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11.7 CCD FLEX. CARD SCHEMATIC DIAGRAM

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11.8 FRONT(A) SCHEMATIC DIAGRAM

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11.9 FRONT(B) SCHEMATIC DIAGRAM

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11.10 AWT SENSOR SCHEMATIC DIAGRAM

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11.11 S JACK FLEX. CARD SCHEMATIC DIAGRAM

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11.12 MF SENSOR FLEX. CARD SCHEMATIC DIAGRAM

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11.13 MMC/SD FLEX. CARD UNIT SCHEMATIC DIAGRAM

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11.14 EVF(A)& EVF(B) SCHEMATIC DIAGRAM

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11.15 GRIP FLEX. CARD SCHEMATIC DIAGRAM

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11.16 GRIP SCHEMATIC DIAGRAM

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11.17 POWER S/S FLEX. SCHEMATIC DIAGRAM

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11.18 ZOOM VR UNIT SCHEMATIC DIAGRAM

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11.19 CAMERA OPERATION FLEX.CARD SCHEMATIC DIAGRAM

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11.20 VTR OPERATION BUTTON UNIT SCHEMATIC DIAGRAM

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11.21 HOT SHOE FLEX. CARD UNIT SCHEMATIC DIAGRAM

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[12.5.1 MONITOR ADDRESS INFORMATION](#)

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12.3 CAMERA SUB C.B.A.

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12.3.1 CAMERA SUB ADDRESS INFORMATION

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12.3.1 CAMERA SUB ADDRESS INFORMATION

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12.4 MIC UNIT

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12.5 MONITOR C.B.A.

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12.5.1 MONITOR ADDRESS INFORMATION

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12.5.1 MONITOR ADDRESS INFORMATION

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12.6 GRIP C.B.A.

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12.7 POWER C.B.A.

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12.7.1 POWER ADDRESS INFORMATION

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12.7.1 POWER ADDRESS INFORMATION

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12.8 CCD FLEX. CARD C.B.A.

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12.9 MMC/SD FLEX.CARD UNIT

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12.10 EVF(A) C.B.A.

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12.11 EVF(B) C.B.A.

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12.12 AWT SENSOR C.B.A.

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13.3 LCD SECTION

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13.4 CAMERA LENS SECTION

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13.5 PACKING PARTS& ACCESSORIES SECTION

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14.1 FRAME& CASING SECTION (1)

PARTS LIST

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Note: 1. *Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE:
Components identified with the mark Δ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name& Description	Remarks
1-1 (1)	VGQ5963	PROTECT SHEET	
1-2 (1)	VWJ1427	CAMERA-POWER FLEX.	
2-1 (1)	VWJ1353	CAMERA FLEX.	
3 (1)	VWJ1368	FRONT FLEX. (B)	
4 (1)	VGQ4625	SHOE COVER	
5 (1)	K1FB108H0009	HOT SHOE U.	
6 (1)	N9ZZ00000072	POWER S/S FLEX.	
7 (1)	EYHS78D15	DEW SENSOR	
8 (1)	N5ZZ00000002	ZOOM VR U.	
9 (1)	VGQ4836	RUBBER HOLD PIECE	
10 (1)	VGQ5233	ZOOM COVER	
11 (1)	VGQ5622	ZOOM FRAME	
12 (1)	VGU8382	ZOOM KNOB	
13 (1)	VGU8383	PHOTO SHOT BUTTON	
14 (1)	VMG1112	RUBBER BUTTON	
15 (1)	VEK8979	SPEAKER U.	
16-1(1)	VSB0407	LITHIUM BATTERY	
17-1(1)	VWJ1354	FRONT FLEX. (A)	
18 (1)	VGL0873	PANE LIGHT	
19 (1)	VGL0873	PANE LIGHT	
20 (1)	VGL0873	PANE LIGHT	
21 (1)	VGL0873	PANE LIGHT	
22 (1)	VGQ2184	SPEAKER PROTECT SHEET	

23 (1)	VGQ5049	SPEAKER SOUNDPROOF SHEET	
24 (1)	VGQ5727	FINGER HANGER PIECE	
25 (1)	VGQ5851	GRIP BELT PIECE	
26 (1)	VGU8421	MODE SELECT KNOB	
27 (1)	VGU8422	S/S BUTTON	
28 (1)	VGU8440	RESET BUTTON	
29 (1)	VKM5334	TOP CASE	
30 (1)	VMP6190	TOP FRAME	
31 (1)	VMP6207	GRIP BELT ANGLE	
32 (1)	VXA6678	MMC COVER U.	
33 (1)	VXA6697	MMC LOCK PLATE U.	
34 (1)	VYC0827	GRIP BELT U.	
35 (1)	VYK9443	LENS FRAME U.	
36 (1)	VYK9644	CASSETTE COVER U.	
37 (1)	VYK9683	SIDE CASE (L) (1) U.	
37-1(1)	VGQ5697	BATTERY COVER	
38 (1)	VYQ1857	POWER BUTTON U.	
39-1(1)	VEE0M24	WIRE CABLE	
39-2(1)	VGQ5788	MMC FLEX. PROTECT SHEET	
39-3(1)	VGQ5863	MMC BARRIER (B)	
40 (1)	VGQ3155	OPERATION PANEL SHEET	
41 (1)	VGQ5921	SD BARRIER	
42 (1)	VGQ6075	S FLEX. BARRIER	
43 (1)	VXA6637	OUT HOLDER U.	
44 (1)	VYK9444	BOTTOM FRAME U.	
45 (1)	VYK9658	BOTTOM COVER U.	
46 (1)	VYQ1876	MAIN FRAME (1) U.	
47 (1)	VYQ1855	MECHA. FRAME U.	
47-1(1)	VMD3345	TRIPOD FRAME	
48 (1)	VXY1601-K	MECHA. U.	
B1 (1)	XQN16+B25FZ	SCREW	
B2 (1)	XQN16+B25FZ	SCREW	

B3 (1)	XQN16+B5FN	SCREW	
B4 (1)	XQN16+BJ5FZ	SCREW	
B5 (1)	XQN16+B5FZ	SCREW	
B6 (1)	XQN16+B4FZ	SCREW	
B7 (1)	XQN16+B4FZ	SCREW	
B8 (1)	XQN16+BJ4FZ	SCREW	
B9 (1)	XQN16+BJ4FZ	SCREW	
B10 (1)	VHD1132	SCREW	
B11 (1)	VHD1132	SCREW	
B12 (1)	VHD1132	SCREW	
B13 (1)	XQN16+BJ35FZ	SCREW	
B14 (1)	XQN2+BJ5	SCREW	
B15 (1)	XQN2+BJ5	SCREW	
B16 (1)	XQN16+BJ5FZ	SCREW	
B17 (1)	XQN16+B4FZ	SCREW	
B18 (1)	XQN16+BJ5FZ	SCREW	
B19 (1)	XQS2+A5	SCREW	
B20 (1)	XQS2+A5	SCREW	
B21 (1)	XQN2+A8FN	SCREW	
B22 (1)	XQN2+A8FN	SCREW	
B23 (1)	XQN16+BJ5FZ	SCREW	
B24 (1)	XQN16+BJ3FZ	SCREW	
B25 (1)	XQN2+BJ35FZ	SCREW	
B26 (1)	XQN2+BJ35FZ	SCREW	
B27 (1)	XQN14+B12	SCREW	
B28 (1)	XQN14+B12	SCREW	
B29 (1)	XQN14+B12	SCREW	
B30 (1)	XQN14+B12	SCREW	
B31 (1)	XQN16+BJ5FZ	SCREW	
B32 (1)	XQN16+BJ5FZ	SCREW	
B33 (1)	XQN16+BJ5FZ	SCREW	
B34 (1)	XQN16+BJ5FZ	SCREW	
B35 (1)	XQN16+BJ5FZ	SCREW	
B36 (1)	XQN16+BJ5FZ	SCREW	
B37 (1)	XQN16+BJ5FZ	SCREW	
B38 (1)	XQS16+A2	SCREW	

B39 (1)	XQS16+A2	SCREW	
B40 (1)	VHD1414	SCREW	
B41 (1)	XQN16+BJ5FZ	SCREW	
B42 (1)	XQN16+B2FN	SCREW	
B43 (1)	XQN16+B2FN	SCREW	
B44 (1)	XQN16+B2FN	SCREW	
B45 (1)	XQN16+B2FN	SCREW	
B46 (1)	XQN16+B5FZ	SCREW	
B47 (1)	XQN16+B5FZ	SCREW	
B48 (1)	XQN16+B5FZ	SCREW	
B49 (1)	XQN16+B5FZ	SCREW	
B50 (1)	XQN16+B5FZ	SCREW	
B51 (1)	XQN16+B35	SCREW	
B52 (1)	VHD1226	SCREW	
B53 (1)	VHD1133	SCREW	
B54 (1)	VHD1133	SCREW	
B55 (1)	VHD1133	SCREW	
B56 (1)	XQN16+B35	SCREW	
B57 (1)	XQN16+BJ5FZ	SCREW	
B58 (1)	VHD1376	SCREW	
B59 (1)	VHD1376	SCREW	
B60 (1)	XQN16+B4FZ	SCREW	
B61 (1)	XQN16+BJ35FZ	SCREW	
B62 (1)	XQN16+BJ35FZ	SCREW	
B63 (1)	VHD1384	SCREW	
B64 (1)	VHD1384	SCREW	
B65 (1)	XQN16+BJ35FZ	SCREW	
B66 (1)	XQN16+BJ4FZ	SCREW	
B67 (1)	VHD1191	SCREW	
W1 (1)	XUC2FP	WASHER	

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14.2 FRAME& CASING SECTION (2)

PARTS LIST

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Note: 1. *Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE:
Components identified with the mark Δ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name& Description	Remarks
101 (2)	VYK9700	EVR COVER U.	
102 (2)	VGU8380	LCD OPEN BUTTON	
103 (2)	VGU8385	FULL AUTO KNOB	
104 (2)	VGU8386	CAMERA OPERATION BUTTON	
105 (2)	VXU1559	VTR OPERATION BUTTON U.	
106 (2)	VMP6212	CAMERA OPERATION ANGLE	
107 (2)	VYK9634	SIDE CASE (R) (1) U.	
108 (2)	VMB3397	LCD LOCK LEVER SPRING	
109 (2)	VML3497	LCD LOCK LEVER	
110 (2)	VYK9788	(R) BASE (1) U.	
111 (2)	VYK9438	LCD POP UP LEVER (1) U.	
112-1(2)	VWJ1357	MIC FLEX.	
113-1(2)	VDL0397	IR CUT FILTER	
113-2(2)	VGQ3306	IR PLATE SPACER	
113-3(2)	VGQ4592	AWT HOLDER	
113-4(2)	VMG1135	LENS DUMPER RUBBER	
113-5(2)	VMG1135	LENS DUMPER RUBBER	
113-6(2)	VWJ1384	FRONT FLEX. (C)	
114 (2)	VGK2662	FRONT DECORATION	
115 (2)	VGL0869	TALLY PANE LIGHT	
116 (2)	VGQ5165	SOUNDPROOF SHEET (B)	
117 (2)	VGU8682	FOCUS BUTTON	
118 (2)	VKF3184	JACK COVER	

119 (2)	VKM5340	MIC TOP CASE	
120 (2)	VKW2746	IR SENSOR WINDOW	
121 (2)	VMP6192	FRONT ANGLE (A)	
122 (2)	VMP6208	FRONT EARTH PLATE	
123 (2)	VMP6209	FRONT ANGLE (B)	
124 (2)	VMP6347	FRONT EARTH PLATE (B)	
125 (2)	VXP1999	MF U.	
126 (2)	VYF2723	LENS HOOD U.	
127 (2)	VYK9647	FRONT CASE (1) U.	
128 (2)	VYQ1835	MIC NET U.	
129 (2)	VGQ5909	EVF FLEX. BARRIER	
130 (2)	K4ZZ04000026	BATTERY CATCHER	
131 (2)	VWJ1351	POWER BUS FLEX.	
132 (2)	VGQ5738	SHOULDER ANGLE BARRIER	
133 (2)	VGQ5853	EVF EARTH BARRIER	
134 (2)	VGQ5922	REAR CASE PROTECT SHEET	
135 (2)	VGU8379	BATTERY LOCK BUTTON	
136 (2)	VMB3210	BATTERY LOCK SPRING	
137 (2)	VMP6205	SHOULDER BELT ANGLE	
138 (2)	VSC5046	REAR EARTH PLATE (S)	
139 (2)	VSC5047	REAR EARTH PLATE (L)	
140 (2)	VYK9646	REAR CASE (1) U.	
141 (2)	L5BDDXM00001	EVF LCD PANEL	
142 (2)	VDL0737	EVF LENS	
143-1(2)	VGQ5035	PROTECT SHEET	
144 (2)	VGQ5264	WINDOW COVER	
145 (2)	VGQ5616	LCD MASK	
146 (2)	VGQ6005	EVF LENS SHEET	
147 (2)	VJF1394	LCD HOLD PIECE	
148 (2)	VKF3206	HOLD PIECE PROTECT COVER	
149 (2)	VKM5485	EVF SLIDE CASE	
150 (2)	VMC1612	EVF EARTH SPRING	
151 (2)	VMG1280	EYE CAP	

152 (2)	VMX2967	PB SPACER	
153 (2)	VWJ1356	EVF FLEX.	
154 (2)	VXA6310	EVF SLIDE ANGLE U.	
155 (2)	VXA6694	EVF HINGE U.	
156 (2)	VXA6696	EVF VIEW ADJ. U.	
157 (2)	VXL2876	EVF SHUTTER U.	
158 (2)	VYQ2088	EVF PROTECT COVER U.	
159 (2)	VKM5100	BATTERY DUMMY CASE	FOR NV-MX300EN/A
B101 (2)	XQN16+BJ5FZ	SCREW	
B102 (2)	VHD1132	SCREW	
B103 (2)	XQN16+BJ5FZ	SCREW	
B104 (2)	XQN16+B4FZ	SCREW	
B105 (2)	XQN16+B4FZ	SCREW	
B106 (2)	XQN16+B4FZ	SCREW	
B107 (2)	XQN16+B4FZ	SCREW	
B108 (2)	VHD1157	SCREW	
B109 (2)	VHD1157	SCREW	
B110 (2)	VHD1262	SCREW	
B111 (2)	VHD1262	SCREW	
B112 (2)	VHD1262	SCREW	
B113 (2)	VHD1262	SCREW	
B114 (2)	VHD1303	SCREW	
B115 (2)	VHD1303	SCREW	
B116 (2)	XQN16+BJ6FZ	SCREW	
B117 (2)	VHD1139	SCREW	
B118 (2)	VHD1139	SCREW	
B119 (2)	XQN16+BJ6FZ	SCREW	
B120 (2)	XQN16+B2FZ	SCREW	
B121 (2)	XQN16+BJ6FZ	SCREW	
B122 (2)	VHD1152	SCREW	
B123 (2)	XQN16+B35	SCREW	
B124 (2)	XQN16+B2FZ	SCREW	
B125 (2)	XQN16+B2FZ	SCREW	
B126 (2)	VHD1254	SCREW	

B127 (2)	VHD1254	SCREW	
B128 (2)	XQN16+BJ6FZ	SCREW	
B129 (2)	XQN16+BJ6FZ	SCREW	
B130 (2)	XQN16+BJ5FZ	SCREW	
B131 (2)	XQN16+BJ5FZ	SCREW	
B132 (2)	XQN16+BJ5FZ	SCREW	
B133 (2)	XQN16+BJ5FZ	SCREW	
B134 (2)	XQN16+BJ5FZ	SCREW	
B135 (2)	XQN16+BJ5FZ	SCREW	
B136 (2)	XQN16+B5FN	SCREW	
B137 (2)	XQN16+BJ4FZ	SCREW	
B138 (2)	XQN16+BJ5FZ	SCREW	
B139 (2)	XQN16+BJ5FZ	SCREW	
B140 (2)	XQN16+BJ5FZ	SCREW	
B141 (2)	XQN16+BJ5FZ	SCREW	
B142 (2)	VHD1401	SCREW	
B143 (2)	VHD1401	SCREW	
B144 (2)	XQN16+BJ5FZ	SCREW	
B145 (2)	XQN16+BJ4FZ	SCREW	
B146 (2)	VHD1191	SCREW	
B147 (2)	VHD1191	SCREW	
B148 (2)	XQN16+BJ8FZ	SCREW	

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14.3 LCD SECTION PARTS LIST

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Note: 1. *Be sure to make your orders of replacement parts according to this list.
 2. IMPORTANT SAFETY NOTICE:
 Components identified with the mark Δ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name& Description	Remarks
201 (3)	K-BLU8868VM	BACK LIGHT U.	
202 (3)	L5BDDYM00002	LCD PANEL	
203 (3)	VGL0882	DIFFUSION SHEET	
204 (3)	VGL0883	POLARIZATION SHEET	
205 (3)	VGQ2759	PROTECT SHEET	
206 (3)	VGQ4758	PROTECT SHEET (A)	
207 (3)	VGQ4758	PROTECT SHEET (A)	
208 (3)	VKM5343	LCD CASE (LOWER)	
209 (3)	VMZ3019	LCD BARRIER	
210 (3)	VSC4991	LCD HOLD ANGLE	
211 (3)	VGQ5632	HINGE COVER (UPPER)	
212 (3)	VGQ5768	HINGE COVER (LOWER)	
213 (3)	VXD0325	LCD HINGE (1) U.	
213-1(3)	VWJ1349	MONITOR FLEX. (A)	
213-2(3)	VWJ1350	MONITOR FLEX. (B)	
214 (3)	VYK9639	LCD CASE (UPPER) U.	
215 (3)	VYQ2089	REINFORCEMENT SHIELD U.	
B201 (3)	VHD1343	SCREW	
B202 (3)	VHD1209	SCREW	
B203 (3)	VHD1209	SCREW	
B204 (3)	XQN16+B3	SCREW	
B205 (3)	VHD1273	SCREW	
B206 (3)	VHD1390	SCREW	
B207 (3)	VHD1274	SCREW	

14.4 CAMERA LENS SECTION PARTS LIST

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Note: 1. *Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark Δ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name& Description	Remarks
301 (4)	VXQ0881	PRISM U.	
301-1 (4)	VJB22298	CCD FLEX.	
302 (4)	VXW0465	LENS U.	
302-1 (4)	L9ZZ00000156	IRIS U.	
302-2 (4)	VMA9961	SIDE YOKE	
302-3 (4)	VMA9961	SIDE YOKE	
302-4 (4)	VMS6717	GUIDE POLE	
302-5 (4)	VMS6717	GUIDE POLE	
302-6 (4)	VXP1988	2ND MOVING FRAME U.	
302-7 (4)	VXP1991	4TH MOVING FRAME U.	
302-8 (4)	VXQ0888	MAIN FRAME U.	
302-9 (4)	VXQ0892	MASTER FLANGE U.	
302-10(4)	VXQ0972	OIS U.	Including the Lens Flex. Card C.B.A.
302-11(4)	08S1E13F6ND	ZOOM MOTOR U.	
B301 (4)	XQN16+CJ5	SCREW	
B302 (4)	XQN16+CJ5	SCREW	
B303 (4)	XQN16+CJ5	SCREW	
B304 (4)	XQN16+CJ5	SCREW	
B305 (4)	XQN16+CJ5	SCREW	
B306 (4)	XQN16+CJ5	SCREW	
B307 (4)	XQN16+CJ8	SCREW	
B308 (4)	XQN16+CJ8	SCREW	
B309 (4)	XQN16+CJ8	SCREW	
B310 (4)	XQN16+CJ8	SCREW	


B311 (4)	XQN16+CJ5	SCREW	
B312 (4)	XQN16+CJ5	SCREW	
B313 (4)	XQN16+CJ5	SCREW	





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14.5 PACKING PARTS& ACCESSORIES

SECTION PARTS LIST

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Note: 1. *Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE:
Components identified with the mark  have the special characteristics for safety. When replacing any of these components, use only the same type.



Ref. No.	Part No.	Part Name& Description	Remarks
401 (5)	VFF0092-S	APPLICATION SOFT	
402 (5)	VQT8936	OPERATING INSTRUCTIONS (GERMAN,FRENCH)	FOR NV-MX300EG 
402 (5)	VQT8937	OPERATING INSTRUCTIONS (ITALIAN,DUTCH)	FOR NV-MX300EG 
402 (5)	VQT8938	OPERATING INSTRUCTIONS (ENGLISH,SPANISH)	FOR NV-MX300EG 
402 (5)	VQT8939	OPERATING INSTRUCTIONS (SWEDISH,DANISH)	FOR NV-MX300EG 
402 (5)	VQT8940	OPERATING INSTRUCTIONS (ENGLISH)	FOR NV-MX300B 
402 (5)	VQT8941	OPERATING INSTRUCTIONS (ENGLISH,CHINESE)	FOR NV-MX300EN/A 
402 (5)	VQT8942	OPERATING INSTRUCTIONS (ARABIC,RUSSIAN)	FOR NV-MX300EN 
403 (5)	BN-SDCAAE	SD/MMC EXTERNAL DRIVE	
404 (5)	VJA0664	AC CODE	K2CR2DA00004 FOR NV-MX300EG 
404 (5)	VJA0940	AC CODE	FOR NV-MX300B/EN 
404 (5)	VJA0754	AC CODE	K2CJ2DA00002 FOR NV-MX300A 
405 (5)	VEK8925	DC CABLE U.	K2GJ2DZ00010
406-1(5)	K2KC4CB00001	AV CABLE	
406-2(5)	VJA1120	S-VIDEO CABLE	K2KZ9BA00001
407 (5)	N2QAEC000006	REMOTE CONTROLLER U.	
408 (5)	VFA0324	MMC U.	
409 (5)	VGQ2750	HOOD STRAP	
410 (5)	VYF2724	HOOD CAP U.	
411 (5)	VFC3566	SHOULDER BELT	
412 (5)	VFK1451	HEAD CLEANER	
413 (5)	VPK2398	PACKING	FOR NV-MX300EG

413 (5)	VPK2399	PACKING	FOR NV-MX300B
413 (5)	VPK2400	PACKING	FOR NV-MX300EN
413 (5)	VPK2401	PACKING	FOR NV-MX300A
414 (5)	VPN5460	SPACER PAD	
415 (5)	VPN5466	CUSHION (UPPER)	
416 (5)	VPN5467	CUSHION (LOWER)	
417 (5)	K1EB059D0006	CONVERSION ADAPTOR	

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14.6 ELECTRICAL REPLACEMENT PARTS LIST

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Note: 1. Be sure to make your orders of replacement parts according to this list.
 2. IMPORTANT SAFETY NOTICE: Components identified with the mark  have the special characteristics for safety. When replacing any of these components, use only the same type.
 3. Unless otherwise specified, All resistors are in OHMS, K=1,000 OHMS. All capacitors are in MICROFARADS (uF), P=µF.
 4. The P.C. Board units marked with  show below the main assembled parts.
 5. The marking (RTL) indicates the retention time is limited for this item.
 After the discontinuation of this assembly in production, it will no longer be available.

Ref. No.	Part No.	Part Name& Description	Remarks
	VEP03F54B	VTR MAIN C.B.A.	(RTL)
	VEP23498B	CAMERA MAIN C.B.A.	(RTL)
	VEP22296B	CAMERA SUB C.B.A.	(RTL)
	VEP01877B	POWER C.B.A.	(RTL)
	VEP26233C	MONITOR C.B.A.	(RTL)
	VEP04751B	FRONT (B) C.B.A.	(RTL)
	VEP27210A	FRONT (A) C.B.A.	(RTL)
	VEP22300A	AWT SENSOR C.B.A.	(RTL)
	VEP06D62A	GRIP C.B.A.	(RTL)
	VEP20795A	CAMERA OP. FLEX. CARD	(RTL)
	VEP000F5A	MMC/SD FLEX. CARD	(RTL)
	VEK8977	MIC UNIT	
	VEP06D42A	HALL SENSOR FLEX. CARD	(RTL)
	VEP000P4A	HOT SHOE FLEX. CARD	(RTL)
	VEP03F33A	S JACK FLEX. CARD	(RTL)
	VEP22298B	CCD FLEX. CARD C.B.A.	(RTL)
	VEP20794A	MF SENSOR FLEX. CARD	(RTL)
	VEP28272A	EVF (A) FLEX. CARD	(RTL)
	VEP28275A	EVF (B) FLEX. CARD	(RTL)
	VEP03F54B	VTR MAIN C.B.A.	(RTL)
FP603	VJS3971B021	CONNECTOR (FEMALE) 21P	
FP2201	VJS4012B018	CONNECTOR (FEMALE) 18P	
FP2202	VJS4273B010	CONNECTOR (FEMALE) 10P	

FP2203	VJS4298B018	CONNECTOR (FEMALE) 18P	
FP2204	VJS4273B008	CONNECTOR (FEMALE) 8P	
FP2205	VJS3971B033	CONNECTOR (FEMALE) 33P	
FP3401	VJS3320B010	CONNECTOR (FEMALE) 10P	
FP4001	VJS3971B033	CONNECTOR (FEMALE) 33P	
FP4002	VJS3971B033	CONNECTOR (FEMALE) 33P	
FP5001	VJS4036B008	CONNECTOR (FEMALE) 8P	
PP2001	K1KA20A00207	CONNECTOR	
PP3001	K1KB60A00067	CONNECTOR	
PS1001	VJS4263A080	CONNECTOR (FEMALE) 80P	
PS3004	K1KAC0A00015	CONNECTOR	
	VEP23498B	CAMERA MAIN C.B.A.	(RTL)
FP301	VJS3971B033	CONNECTOR (FEMALE) 33P	
FP302	VJS3320B030	CONNECTOR (FEMALE) 30P	
FP303	K1MN12B00058	CONNECTOR	
FP601	VJS3971B021	CONNECTOR (FEMALE) 21P	
FP602	VJS3971B017	CONNECTOR (FEMALE) 17P	
FP701	VJS3971B039	CONNECTOR (FEMALE) 39P	
PP301	VJP4263A120	CONNECTOR (MALE)	
	VEP22296B	CAMERA SUB C.B.A.	(RTL)
C101	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	
C102	ECUM1C474KBN	C.CAPACITOR CH 16V 0.47U	
C103	ECUX0J105KBV	C.CAPACITOR CH 50V 1U	
C104	ECST0JY156	T.CAPACITOR CH 6.3V 15U	
C105	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	
C106	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	
C107	ECUM1C474KBN	C.CAPACITOR CH 16V 0.47U	
C108	ECA1AHG471	E.CAPACITOR 10V 470U	
C109	ECUX1H100CCQ	C.CAPACITOR CH 50V 10P	
C110	ECUX1H100CCQ	C.CAPACITOR CH 50V 10P	
C111	ECUX1H100CCQ	C.CAPACITOR CH 50V 10P	
C112	ECUX1H270JCQ	C.CAPACITOR CH 50V 27P	

C113	ECST0GY226	T.CAPACITOR CH 4V 22U	
C114	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C117	ECUX1H100CCQ	C.CAPACITOR CH 50V 10P	
C119	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C121	ECUX1H100CCQ	C.CAPACITOR CH 50V 10P	
C122	ECUX1H100CCQ	C.CAPACITOR CH 50V 10P	
C130	ECST1VY105	T.CAPACITOR CH 35V 1U	
C131	ECUM1C474KBN	C.CAPACITOR CH 16V 0.47U	
C133	ECST0JY106	T.CAPACITOR CH 6.3V 10U	
C135	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C154	ECUM1C474KBN	C.CAPACITOR CH 16V 0.47U	
C500	ECST0JY226Z	T.CAPACITOR CH 6.3V 22U	
C501	ECUX1H680JCQ	C.CAPACITOR CH 50V 68P	
C504	ECST0JY106	T.CAPACITOR CH 6.3V 10U	
C505	ECUX1H120JCQ	C.CAPACITOR CH 50V 12P	
C506	ECUX1H120JCQ	C.CAPACITOR CH 50V 12P	
C507	ECUX1H100CCQ	C.CAPACITOR CH 50V 10P	
C508	ECUX1H120JCQ	C.CAPACITOR CH 50V 12P	
C510	ECUX1H100CCQ	C.CAPACITOR CH 50V 10P	
C511	ECUX1H100CCQ	C.CAPACITOR CH 50V 10P	
C512	ECUX1H100CCQ	C.CAPACITOR CH 50V 10P	
C513	ECUX1H100CCQ	C.CAPACITOR CH 50V 10P	
C514	ECUX1H100CCQ	C.CAPACITOR CH 50V 10P	
C515	ECST0JY106	T.CAPACITOR CH 6.3V 10U	
C516	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C517	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C518	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C519	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C520	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C521	ECST0GY226	T.CAPACITOR CH 4V 22U	
C522	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C523	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C524	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C525	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C526	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C527	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	

C528	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C529	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C530	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C531	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C532	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C533	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C534	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C535	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C536	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C537	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C538	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C539	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C540	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C541	ECUX0J105KBV	C.CAPACITOR CH 50V 1U	
C542	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C543	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C544	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C545	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C546	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C547	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C548	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C549	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C550	ECUX1C103KBQ	C.CAPACITOR CH 16V 0.01U	
C551	ECUX1C103KBQ	C.CAPACITOR CH 16V 0.01U	
C552	ECUX1C103KBQ	C.CAPACITOR CH 16V 0.01U	
C553	ECUX0J105KBV	C.CAPACITOR CH 50V 1U	
C554	ECUX0J105KBV	C.CAPACITOR CH 50V 1U	
C555	ECUX1C103KBQ	C.CAPACITOR CH 16V 0.01U	
C558	ECUX0J105KBV	C.CAPACITOR CH 50V 1U	
C559	ECST0JY226Z	T.CAPACITOR CH 6.3V 22U	
C560	ECST0JY475	T.CAPACITOR CH 6.3V 4.7U	
C561	ECUX0J105KBV	C.CAPACITOR CH 50V 1U	
C562	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C563	ECST0JY156	T.CAPACITOR CH 6.3V 15U	
C564	ECUX1C223KBV	C.CAPACITOR CH 16V 0.022U	
C565	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	

C566	ECST0JY156	T.CAPACITOR CH 6.3V 15U	
C567	ECUX1C223KBV	C.CAPACITOR CH 16V 0.022U	
C568	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C569	ECST0JY156	T.CAPACITOR CH 6.3V 15U	
C570	ECUX1C223KBV	C.CAPACITOR CH 16V 0.022U	
C571	ECST0JY106	T.CAPACITOR CH 6.3V 10U	
C581	ECST0JY106	T.CAPACITOR CH 6.3V 10U	
C585	ECST0JY106	T.CAPACITOR CH 6.3V 10U	
C586	ECUX0J105KBV	C.CAPACITOR CH 50V 1U	
C589	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
D101	MA6S121	DIODE	
FP501	VJS4264B033	CONNECTOR (FEMALE) 33P	
IC101	MN52A1	IC	
IC102	RN5RG37AA	IC	
IC107	MB87882PFV	IC	C0ZBZ0000194
IC108	MB87882PFV	IC	C0ZBZ0000194
IC109	T74AC04F	IC	
IC501	NJU4051BV	IC	
IC502	AN2018S	IC	
IC503	AN2018S	IC	
IC504	UPC2391GB	IC	C1AB00001214
IC506	AN2018S	IC	
IC507	MB88345PFBND	IC	C0FBBD000107
IC508	RN5RG46AATRM	IC	C0DBZGA00009
L102	VLQ0880M100	COIL 10UH	G1C100M00019
L106	VLQ0880M100	COIL 10UH	G1C100M00019
L107	VLQ0880M100	COIL 10UH	G1C100M00019
L108	VLQ0880M100	COIL 10UH	G1C100M00019
L501	VLQ0426J8R2	COIL 8.2UH	G1C8R2J00006
L502	G1C330K00017	COIL	
L503	G1C330K00017	COIL	
L504	G1C330K00017	COIL	
L505	VLQ0426J8R2	COIL 8.2UH	G1C8R2J00006
L506	VLQ0426J8R2	COIL 8.2UH	G1C8R2J00006
L507	VLQ0855K100	COIL 10UH	G1C100K00020
L512	VLQ0807K100	COIL 10UH	G1C100K00024


L513	VLQ0855K100	COIL 10UH	G1C100K00020
LB101	VLP0359A102	CHIP BEAD	
PP101	K1KA26A00078	CONNECTOR	
Q101	2SB970X	TRANSISTOR	
Q501	2SB1462-R	TRANSISTOR	
Q502	2SB1462-R	TRANSISTOR	
Q503	2SB1462-R	TRANSISTOR	
Q504	2SB1073	TRANSISTOR	
Q505	HN1B04FUGRR	TRANSISTOR	B1HFCFE00001
Q506	HN1B04FUGRR	TRANSISTOR	B1HFCFE00001
Q507	HN1B04FUGRR	TRANSISTOR	B1HFCFE00001
Q508	2SD2216	TRANSISTOR	
QR101	UN5219	TRANSISTOR-RESISTOR	
QR501	XP1212	TRANSISTOR-TRANSISTOR	
QR502	XP1212	TRANSISTOR-TRANSISTOR	
QR503	XP1212	TRANSISTOR-TRANSISTOR	
R101	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	
R102	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	
R103	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R104	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	
R106	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R107	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R108	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R109	ERJ2GEJ221	M.RESISTOR CH 1/16W 220	
R110	ERJ2GEJ221	M.RESISTOR CH 1/16W 220	
R111	ERJ2GEJ181	M.RESISTOR CH 1/16W 180	
R112	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R113	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	
R115	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R116	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R117	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	
R118	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	
R119	ERJ2GEJ105	M.RESISTOR CH 1/16W 1M	
R120	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	
R123	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	
R125	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	

R126	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R148	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R149	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R150	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R151	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R152	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R153	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R501	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	
R502	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	
R503	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	
R504	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R505	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R506	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R507	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	
R508	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	
R509	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	
R510	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	
R511	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	
R512	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	
R513	ERJ2GEJ154	M.RESISTOR CH 1/16W 150K	
R514	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R515	ERJ2GEJ681	M.RESISTOR CH 1/16W 680	
R516	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	
R517	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	
R518	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R519	ERJ2GEJ154	M.RESISTOR CH 1/16W 150K	
R520	ERJ2GEJ681	M.RESISTOR CH 1/16W 680	
R521	ERJ2GEJ681	M.RESISTOR CH 1/16W 680	
R522	ERJ2GEJ154	M.RESISTOR CH 1/16W 150K	
R523	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R524	ERJ2RHD112	M.RESISTOR CH 1/16W 1.1K	
R525	ERJ2RHD152	M.RESISTOR CH 1/16W 1.5K	
R526	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	
R527	ERJ2RHD102	M.RESISTOR CH 1/16W 1K	
R528	ERJ2RHD152	M.RESISTOR CH 1/16W 1.5K	
R529	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	

R530	ERJ2RHD102	M.RESISTOR CH 1/16W 1K	
R531	ERJ2RHD132	M.RESISTOR CH 1/16W 1.3K	
R532	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	
R533	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	
R534	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	
R535	ERJ2RMJ153	M.RESISTOR CH 1/16W 15K	
R536	ERJ2GEJ123	M.RESISTOR CH 1/16W 12K	
R543	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R544	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R545	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R547	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R555	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R556	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R567	ERJ2RMJ153	M.RESISTOR CH 1/16W 15K	
R568	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R569	ERJ2RMJ153	M.RESISTOR CH 1/16W 15K	
R570	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R571	ERJ2RMJ153	M.RESISTOR CH 1/16W 15K	
R572	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R577	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R578	ERJ2GEJ154	M.RESISTOR CH 1/16W 150K	
R579	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R580	ERJ2GEJ154	M.RESISTOR CH 1/16W 150K	
R589	ERJ2GEJ122	M.RESISTOR CH 1/16W 1.2K	
R590	ERJ2GEJ122	M.RESISTOR CH 1/16W 1.2K	
R591	ERJ2GEJ122	M.RESISTOR CH 1/16W 1.2K	
W101	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
W103	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
X101	VCR0512	CRYSTAL OSCILLATOR	
	VMG1135	DUMPER	
	VMG1135	DUMPER	
	VGQ2179	CUSHION	
	VEP01877B	POWER C.B.A.	(RTL)
C1001	ECUM1C106VB	C.CAPACITOR CH 16V 10U	

C1003	ECUM1C106VB	C.CAPACITOR CH 16V 10U	
C1005	ECUM1A335KBN	C.CAPACITOR CH 10V 3.3U	
C1011	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C1012	ECUM1A335KBN	C.CAPACITOR CH 10V 3.3U	
C1013	ECUX1E331KBQ	C.CAPACITOR CH 25V 330P	
C1014	ECUX1A473KBQ	C.CAPACITOR CH 10V 0.047U	
C1016	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1018	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1021	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C1022	ECUM1A335KBN	C.CAPACITOR CH 10V 3.3U	
C1023	ECUX1E331KBQ	C.CAPACITOR CH 25V 330P	
C1024	ECUX1C223KBQ	C.CAPACITOR CH 16V 0.022U	
C1025	ECST0JY106	T.CAPACITOR CH 6.3V 10U	
C1026	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1027	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1029	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1031	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C1032	ECUM1A335KBN	C.CAPACITOR CH 10V 3.3U	
C1033	ECUX1E331KBQ	C.CAPACITOR CH 25V 330P	
C1034	ECUX1C223KBQ	C.CAPACITOR CH 16V 0.022U	
C1035	ECST0GY476Z	T.CAPACITOR CH 4V 47U	
C1036	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1037	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1038	ECST0JY106	T.CAPACITOR CH 6.3V 10U	
C1039	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1041	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C1042	ECUM1A335KBN	C.CAPACITOR CH 10V 3.3U	
C1044	ECUX1E331KBQ	C.CAPACITOR CH 25V 330P	
C1045	ECST0JY106	T.CAPACITOR CH 6.3V 10U	
C1046	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1052	ECUM1E105KBM	C.CAPACITOR CH 25V 1U	
C1053	ECUX1E222KBQ	C.CAPACITOR CH 25V 2200P	
C1054	ECUX1C223KBQ	C.CAPACITOR CH 16V 0.022U	
C1055	ECUM1E105KBM	C.CAPACITOR CH 25V 1U	
C1056	ECUM1C105KBP	C.CAPACITOR CH 16V 1U	
C1057	ECUM1C105KBP	C.CAPACITOR CH 16V 1U	

C1063	ECUM1A225KBN	C.CAPACITOR CH 10V 2.2U	
C1064	ECUM1A225KBN	C.CAPACITOR CH 10V 2.2U	
C1065	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1066	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1085	ECUM1E105KBM	C.CAPACITOR CH 25V 1U	
C1093	ECST0JY226Z	T.CAPACITOR CH 6.3V 22U	
C1094	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1096	ECST0GY476Z	T.CAPACITOR CH 4V 47U	
C1097	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1101	ECUX1H101JCQ	C.CAPACITOR CH 50V 100P	
C1102	ECUX1A334KBV	C.CAPACITOR CH 10V 0.33U	
C1103	ECUX1A473KBQ	C.CAPACITOR CH 10V 0.047U	
C1104	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C1105	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1106	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C1107	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1108	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1111	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	
C1112	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	
C1113	ECUX1H151JCQ	C.CAPACITOR CH 50V 150P	
C1114	ECUX1H390JCQ	C.CAPACITOR CH 50V 39P	
C1116	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1121	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	
C1122	ECUX1C682KBQ	C.CAPACITOR CH 16V 6800P	
C1123	ECUX1H151JCQ	C.CAPACITOR CH 50V 150P	
C1124	ECUX1H390JCQ	C.CAPACITOR CH 50V 39P	
C1125	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1128	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1129	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C1131	ECUX1H822KBV	C.CAPACITOR CH 50V 8200P	
C1132	ECUX1C822KBQ	C.CAPACITOR CH 16V 8200P	
C1133	ECUX1H151JCQ	C.CAPACITOR CH 50V 150P	
C1134	ECUX1H390JCQ	C.CAPACITOR CH 50V 39P	
C1141	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C1142	ECUX1H822KBV	C.CAPACITOR CH 50V 8200P	
C1143	ECUX1H151JCQ	C.CAPACITOR CH 50V 150P	

C1144	ECUX1H390JCQ	C.CAPACITOR CH 50V 39P	
C1151	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	
C1152	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	
C1153	ECUX1H151JCQ	C.CAPACITOR CH 50V 150P	
C1154	ECUX1H820JCQ	C.CAPACITOR CH 50V 82P	
C1155	ECUM1A225KBN	C.CAPACITOR CH 10V 2.2U	
C1156	ECST0JY106	T.CAPACITOR CH 6.3V 10U	
D1051	B0JCGF000004	DIODE	
D1052	MA111	DIODE	
D1101	MA8120-L	DIODE	
D1151	MA8160-H	DIODE	
D1152	MA111	DIODE	
D1401	MA781WA	DIODE	
D1403	1SS388	DIODE	
D1404	MA132WK	DIODE	
D1405	MA132WA	DIODE	
D1411	1SS388	DIODE	
D1421	1SS388	DIODE	
FP1001	VJS3320B030	CONNECTOR (FEMALE) 30P	
FP1002	VJS4273B014	CONNECTOR (FEMALE) 14P	
FP1003	VJS4096B008	CONNECTOR (FEMALE) 8P	
FP1004	VJS4096B010	CONNECTOR (FEMALE) 10P	
IC1001	BA9734AKV	IC	C0DBAFA00012
IC1002	NJM2406F	IC	
IC1091	S816A32AMC	IC	
IC1092	S816A26AMCT2	IC	C0ZBZ0000312
IP1001	VSF0233F31	IC PROTECTOR	
L1001	VLQ0900M4R7	COIL 4.7UH	
L1011	VLQ0902M330	COIL 33UH	
L1012	VLQ0900M4R7	COIL 4.7UH	
L1014	VLQ0855K100	COIL 10UH	G1C100K00020
L1018	VLQ0855K100	COIL 10UH	G1C100K00020
L1021	VLQ0900M150	COIL 15UH	
L1022	VLQ0900M4R7	COIL 4.7UH	
L1023	VLQ0855K100	COIL 10UH	G1C100K00020
L1025	VLQ0855K100	COIL 10UH	G1C100K00020

L1026	VLQ0855K100	COIL 10UH	G1C100K00020
L1028	VLQ0855K100	COIL 10UH	G1C100K00020
L1029	VLQ0855K100	COIL 10UH	G1C100K00020
L1031	VLQ0902M150	COIL 15UH	
L1032	VLQ0900M4R7	COIL 4.7UH	
L1033	VLQ0779K100	COIL 10UH	G1C100KA0005
L1034	VLQ0319K100	COIL 10UH	G1C100K00023
L1041	VLQ0900M150	COIL 15UH	
L1042	VLQ0900M4R7	COIL 4.7UH	
L1051	VLQ0855K100	COIL 10UH	G1C100K00020
L1052	VLQ0855K100	COIL 10UH	G1C100K00020
L1061	VLQ0902M330	COIL 33UH	
L1062	VLQ0827M101	COIL 100UH	
L1081	VLQ0855K100	COIL 10UH	G1C100K00020
L1091	VLQ0900M4R7	COIL 4.7UH	
L1092	VLQ0779M4R7	COIL 4.7UH	G1C4R7MA0002
LB1001	VLP0332A420	CHIP BEAD	
PP1001	VJP4263A080	CONNECTOR (MALE) 80P	
Q1011	FP102	TRANSISTOR	
Q1021	FP102	TRANSISTOR	
Q1022	2SK2151	TRANSISTOR	
Q1031	FP102	TRANSISTOR	
Q1041	FP102	TRANSISTOR	
Q1042	2SK2151	TRANSISTOR	
Q1051	2SB798A	TRANSISTOR	B1BDBD000002
Q1052	2SA1832FY	TRANSISTOR	
Q1053	2SD2216	TRANSISTOR	
Q1054	XP1401	TRANSISTOR-TRANSISTOR	
Q1055	2SC4738FY	TRANSISTOR	
Q1056	2SA1832FY	TRANSISTOR	
Q1061	FP102	TRANSISTOR	
Q1062	FP102	TRANSISTOR	
Q1091	2SB798A	TRANSISTOR	
Q1092	2SB798A	TRANSISTOR	
Q1101	2SA1832FY	TRANSISTOR	
Q1401	2SA1036	TRANSISTOR	

Q1402	XP1501	TRANSISTOR-TRANSISTOR	
Q1411	B1DHCC000019	TRANSISTOR	
QR1001	RN2102F	TRANSISTOR-RESISTOR	
QR1004	RN2111F	TRANSISTOR-RESISTOR	
QR1050	RN1104F	TRANSISTOR-RESISTOR	
QR1101	RN1107F	TRANSISTOR-RESISTOR	
QR1411	RN1107F	TRANSISTOR-RESISTOR	
QR1412	RN1105F	TRANSISTOR-RESISTOR	
QR1421	RN1105F	TRANSISTOR-RESISTOR	
R1001	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	
R1002	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	
R1003	ERJ2GEJ225	M.RESISTOR CH 1/16W 2.2M	
R1005	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R1008	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R1010	ERJ2RKD820	M.RESISTOR CH 1/16W 82	
R1011	ERJ6RBB682	M.RESISTOR CH 1/10W 6.8K	
R1012	ERJ2RKD820	M.RESISTOR CH 1/16W 82	
R1013	ERJ3RBD331	M.RESISTOR CH 1/16W 330	
R1014	ERJ6RBB272	M.RESISTOR CH 1/10W 2.7K	
R1015	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	
R1020	ERJ2RKD820	M.RESISTOR CH 1/16W 82	
R1021	ERJ6RBB272	M.RESISTOR CH 1/10W 2.7K	
R1022	ERJ2RKD820	M.RESISTOR CH 1/16W 82	
R1023	ERJ3RBD391	M.RESISTOR CH 1/16W 390	
R1024	ERJ6RBB272	M.RESISTOR CH 1/10W 2.7K	
R1025	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	
R1030	ERJ2RKD820	M.RESISTOR CH 1/16W 82	
R1031	ERJ6RBB272	M.RESISTOR CH 1/10W 2.7K	
R1032	ERJ2RKD820	M.RESISTOR CH 1/16W 82	
R1033	ERJ3RBD221	M.RESISTOR CH 1/16W 220	
R1034	ERJ6RBB272	M.RESISTOR CH 1/10W 2.7K	
R1035	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	
R1040	ERJ2RKD820	M.RESISTOR CH 1/16W 82	
R1041	ERJ6RBB122	M.RESISTOR CH 1/10W 1.2K	
R1042	ERJ2RKD820	M.RESISTOR CH 1/16W 82	
R1043	ERJ3RBD391	M.RESISTOR CH 1/16W 390	

R1044	ERJ6RBB272	M.RESISTOR CH 1/10W 2.7K	
R1045	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R1050	ERJ2RKD820	M.RESISTOR CH 1/16W 82	
R1051	ERJ6RBB273	M.RESISTOR CH 1/10W 27K	
R1052	ERJ2RKD820	M.RESISTOR CH 1/16W 82	
R1053	ERJ3RBD201	M.RESISTOR CH 1/16W 200	
R1054	ERJ6RBB272	M.RESISTOR CH 1/10W 2.7K	
R1055	ERJ2GEJ331	M.RESISTOR CH 1/16W 330	
R1057	ERJ2RHD113	M.RESISTOR CH 1/16W 11K	
R1058	ERJ2RHD751	M.RESISTOR CH 1/16W 750	
R1059	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	
R1101	ERJ2RHD223	M.RESISTOR CH 1/16W 22K	
R1102	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	
R1103	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	
R1104	ERJ2GEJ123	M.RESISTOR CH 1/16W 12K	
R1105	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	
R1107	ERJ2GEJ225	M.RESISTOR CH 1/16W 2.2M	
R1108	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R1109	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R1111	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	
R1112	ERJ2GEJ822	M.RESISTOR CH 1/16W 8.2K	
R1121	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	
R1122	ERJ2GEJ682	M.RESISTOR CH 1/16W 6.8K	
R1131	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	
R1132	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R1141	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	
R1142	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R1151	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	
R1152	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R1153	ERJ2RHD123	M.RESISTOR CH 1/16W 12K	
R1154	ERJ2RHD473	M.RESISTOR CH 1/16W 47K	
R1155	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R1156	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	
R1157	ERJ2GEJ272	M.RESISTOR CH 1/16W 2.7K	
R1192	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	
R1195	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	

R1251	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R1252	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R1253	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R1254	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R1255	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R1256	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R1401	ERJ2RHD332	M.RESISTOR CH 1/16W 3.3K	
R1402	ERJ2RHD683	M.RESISTOR CH 1/16W 68K	
R1403	ERJ2RHD683	M.RESISTOR CH 1/16W 68K	
R1404	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	
R1405	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	
R1411	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R1412	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R1413	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R1414	ERJ2GEJ683	M.RESISTOR CH 1/16W 68K	
R1415	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	
T1051	G5DYA0000028	TRANSFORMER	
VZ1008	VRT0158	TRANSIENT/SURGE ABSORBER	D4ED12710002
VZ1009	VRT0158	TRANSIENT/SURGE ABSORBER	D4ED12710002
	VGQ5963	BARRIER	
	VEP26233C	MONITOR C.B.A.	(RTL)
C901	ECUM1C105KBP	C.CAPACITOR CH 16V 1U	
C902	ECST0JY226Z	T.CAPACITOR CH 6.3V 22U	
C903	ECUM1C105KBP	C.CAPACITOR CH 16V 1U	
C904	ECUM1C106VB	C.CAPACITOR CH 16V 10U	
C905	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C906	ECUX1C333KBQ	C.CAPACITOR CH 16V 0.033U	
C907	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C908	ECUX1H330JCQ	C.CAPACITOR CH 50V 33P	
C909	ECUX1H330JCQ	C.CAPACITOR CH 50V 33P	
C910	ECUX1C223KBQ	C.CAPACITOR CH 16V 0.022U	
C911	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C912	ECST0JX107Z	T.CAPACITOR CH 6.3V 100U	
C916	ECUX1C103KBQ	C.CAPACITOR CH 16V 0.01U	

C917	ECUM1C106VB	C.CAPACITOR CH 16V 10U	
C918	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C919	ECST0JY106	T.CAPACITOR CH 6.3V 10U	
C922	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C926	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	
C927	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	
C928	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	
C929	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C930	ECUX1A105VBV	C.CAPACITOR CH 10V 1U	
C931	ECUM1A335KBN	C.CAPACITOR CH 10V 3.3U	
C932	ECUX0J105KBV	C.CAPACITOR CH 50V 1U	
C935	ECUX0J105KBV	C.CAPACITOR CH 50V 1U	
C936	ECUM1A335KBN	C.CAPACITOR CH 10V 3.3U	
C937	ECUM1A335KBN	C.CAPACITOR CH 10V 3.3U	
C938	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C939	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
D901	MA111	DIODE	
D902	MA133	DIODE	
D903	1SS388	DIODE	
D904	1SS388	DIODE	
FP901	VJS4194B026	CONNECTOR (FEMALE) 26P	
FP903	VJS3971B021	CONNECTOR (FEMALE) 21P	
FP904	VJS3971B017	CONNECTOR (FEMALE) 17P	
FP905	VJS4297B006	CONNECTOR (FEMALE) 6P	
IC901	LC27247BTRK0	IC	C1ZBZ0001583
IC902	AN2555FBQ	IC	
IC903	TA75S558F	IC	
IC904	TC4W53FU	IC	
IC905	TC7SET08FU	IC	
L901	VLQ0807K100	COIL 10UH	G1C100K00024
L902	VLQ0807K100	COIL 10UH	G1C100K00024
L903	VLQ0807K100	COIL 10UH	G1C100K00024
L904	VLQ0426J3R3	COIL 3.3UH	G1C3R3J00009
L906	VLQ0807K100	COIL 10UH	G1C100K00024
L907	VLQ0807K220	COIL 22UH	G1C220K00016
L908	VLQ0807K220	COIL 22UH	G1C220K00016

LB901	VLP0359A102	CHIP BEAD	
Q901	2SK2159	TRANSISTOR	
Q902	2SC4738FY	TRANSISTOR	
Q903	HN1B04FUGRR	TRANSISTOR	B1HFCFE00001
Q904	HN1B04FUGRR	TRANSISTOR	B1HFCFE00001
Q910	2SC4738FY	TRANSISTOR	
QR901	RN1104F	TRANSISTOR-RESISTOR	
QR902	RN1707R	TRANSISTOR-RESISTOR	B1GBCFJN0018
R901	ERJ2GEJ561	M.RESISTOR CH 1/16W 560	
R902	ERJ6GEYJ335	M.RESISTOR CH 1/10W 3.3M	
R903	ERJ8GEYJ335	M.RESISTOR CH 1/8W 3.3M	
R904	ERJ8GEYJ335	M.RESISTOR CH 1/8W 3.3M	
R905	ERJ2GEJ123	M.RESISTOR CH 1/16W 12K	
R906	ERJ2GEJ821	M.RESISTOR CH 1/16W 820	
R907	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R908	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R909	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R910	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R911	ERJ2GEJ474	M.RESISTOR CH 1/16W 470K	
R912	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R913	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R915	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R916	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R917	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R918	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R919	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R920	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	
R922	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	
R923	ERJ2GEJ273	M.RESISTOR CH 1/16W 27K	
R924	ERJ2GEJ152	M.RESISTOR CH 1/16W 1.5K	
R925	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	
R927	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R928	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R929	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	
R930	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R932	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	

R933	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R934	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R935	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R936	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R937	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R938	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	
R939	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R940	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R941	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R942	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	
R943	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	
R944	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	
R945	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R946	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R947	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	
R948	ERJ2RMJ153	M.RESISTOR CH 1/16W 15K	
R949	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R950	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R951	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R952	ERJ2RMJ153	M.RESISTOR CH 1/16W 15K	
R953	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R954	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R955	ERJ2RHD104	M.RESISTOR CH 1/16W 100K	
R956	ERJ2RMJ153	M.RESISTOR CH 1/16W 15K	
R957	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R959	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R960	ERJ2GEJ273	M.RESISTOR CH 1/16W 27K	
R963	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	
R964	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	
T901	ETJ09K49AZ	CHIP TRANSFORMER	
T902	EFTU21R203	TRANSFORMER	
W901	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
W907	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
	VEP04751B	FRONT (B) C.B.A.	(RTL)

C2501	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C4901	ECUX1E222KBQ	C.CAPACITOR CH 25V 2200P	
C4902	ECUX1E222KBQ	C.CAPACITOR CH 25V 2200P	
C4903	ECUX0J105VBV	C.CAPACITOR CH 6.3V 1U	
C4905	ECST0JY226Z	T.CAPACITOR CH 6.3V 22U	
C4908	ECUX0J105VBV	C.CAPACITOR CH 6.3V 1U	
C4910	ECST0JY226Z	T.CAPACITOR CH 6.3V 22U	
C4911	ECST0JY226Z	T.CAPACITOR CH 6.3V 22U	
C4912	ECUX0J105VBV	C.CAPACITOR CH 6.3V 1U	
C4914	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C4915	ECUX1C223KBQ	C.CAPACITOR CH 16V 0.022U	
C4916	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C4917	ECUX1C223KBQ	C.CAPACITOR CH 16V 0.022U	
C4950	ECUX1E472KBQ	C.CAPACITOR CH 25V 4700P	
C4951	ECUX1E472KBQ	C.CAPACITOR CH 25V 4700P	
C4952	ECUM1E391KBQ	C.CAPACITOR CH 25V 390P	
C4953	EEJK0JS106	E.CAPACITOR 6.3V 10U	
C4954	ECUX1C103KBQ	C.CAPACITOR CH 16V 0.01U	
C4955	EEJK0JS106	E.CAPACITOR 6.3V 10U	
C4956	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C4957	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C4958	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	F1J1A1050002
C4959	ECUX1C103KBQ	C.CAPACITOR CH 16V 0.01U	
C4960	ECUX1C103KBQ	C.CAPACITOR CH 16V 0.01U	
C4961	ECUX1A473KBQ	C.CAPACITOR CH 10V 0.047U	
C4962	F1J0J475A006	CERAMIC CAPACITOR	
C6401	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C6402	ECST0JY226Z	T.CAPACITOR CH 6.3V 22U	
D2502	02DZ6.2YTPH3	DIODE	B0BC6R100014
D6801	CL150UR	LED	B3AAB0000050
FL4901	J0MAB0000085	FILTER	
FL4902	J0MAB0000085	FILTER	
FP4901	K1MN06B00038	CONNECTOR	
FP4902	VJS4297B006	CONNECTOR (FEMALE) 6P	
FP4903	VJS4264B033	CONNECTOR (FEMALE) 33P	
FP4904	VJS4274B006	CONNECTOR (FEMALE) 6P	

IC4901	NJM2172V	IC	
IR6401	PNA4611M05VT	IR RECEIVER	
JK2501	VJJ0552	JACK (4-PIN)	K2HC104E0002
JK4901	VJJ0414	MIC JACK	K2HC105E0003
JK4902	VJJ0668	AV JACK (4-PIN)	K2HC106B0005
LB2501	VLP0357A601	CHIP BEAD	
LB2502	VLP0357A601	CHIP BEAD	
LB2503	VLP0357A601	CHIP BEAD	
LB2504	VLP0357A601	CHIP BEAD	
LB4901	VLP0329A121	CHIP BEAD	
LB4934	VLP0357A601	CHIP BEAD	
LB4936	VLP0357A601	CHIP BEAD	
Q4901	2SC4116GR	TRANSISTOR	
Q4902	2SA1586	TRANSISTOR	
Q4903	2SC4116GR	TRANSISTOR	
Q4904	2SA1586	TRANSISTOR	
Q4905	2SC4738FY	TRANSISTOR	
Q4906	2SC4738FY	TRANSISTOR	
Q4907	2SC4738FY	TRANSISTOR	
QR4903	RN1103F	TRANSISTOR-RESISTOR	
QR4904	RN1103F	TRANSISTOR-RESISTOR	
R2501	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	
R2502	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	
R4901	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	
R4902	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	
R4903	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	
R4904	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	
R4905	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	
R4906	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	
R4907	ERJ6GEYJ154	M.RESISTOR CH 1/10W 150K	
R4908	ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	
R4909	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R4910	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	
R4911	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	
R4912	ERJ2GEJ471	M.RESISTOR CH 1/16W 470	
R4913	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	

R4914	ERJ6GEYJ154	M.RESISTOR CH 1/10W 150K	
R4915	ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	
R4916	ERJ2GEJ102	M.RESISTOR CH 1/16W 1K	
R4917	ERJ2GEJ562	M.RESISTOR CH 1/16W 5.6K	
R4918	ERJ2GEJ151	M.RESISTOR CH 1/16W 150	
R4919	ERJ2GEJ472	M.RESISTOR CH 1/16W 4.7K	
R4920	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R4922	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	
R4923	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	
R4924	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	
R4925	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	
R4926	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	
R4927	ERJ2GEJ104	M.RESISTOR CH 1/16W 100K	
R4928	ERJ2GEJ222	M.RESISTOR CH 1/16W 2.2K	
R4929	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	
R4930	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	
R4935	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	
R4937	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R4938	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R4950	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	
R4951	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	
R4952	ERJ2GEJ823	M.RESISTOR CH 1/16W 82K	
R4953	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R4954	ERJ2GEJ333	M.RESISTOR CH 1/16W 33K	
R4955	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R4960	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	
R4961	ERJ2GEJ563	M.RESISTOR CH 1/16W 56K	
R4964	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R4999	ERJ2GEJ101	M.RESISTOR CH 1/16W 100	
R6402	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	
R6803	ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	
VZ4901	VRT0158	TRANSIENT/SURGE ABSORBER	D4ED12710002
	VSC5011	MIC SHIELD CASE	
	VGQ5770	R SENSOR HOLDER	

	VEP27210A	FRONT (A) C.B.A.	(RTL)
C451	ECST0JY226Z	T.CAPACITOR CH 6.3V 22U	
C453	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	
C455	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	
C456	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C458	ECUM1A226MBP	C.CAPACITOR CH 10V 22U	
C459	ECUX1C103KBQ	C.CAPACITOR CH 16V 0.01U	
C460	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C461	ECUX1C103KBQ	C.CAPACITOR CH 16V 0.01U	
C462	ECUX1E222KBQ	C.CAPACITOR CH 25V 2200P	
C464	ECUX1E222KBQ	C.CAPACITOR CH 25V 2200P	
C465	ECUM1A226MBP	C.CAPACITOR CH 10V 22U	
C467	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	
C468	ECUX1E471KBQ	C.CAPACITOR CH 25V 470P	
C470	ECUX0J105KBV	C.CAPACITOR CH 50V 1U	
C471	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C480	ECST0GY226	T.CAPACITOR CH 4V 22U	
C481	ECST0GY226	T.CAPACITOR CH 4V 22U	
C482	ECST0GY226	T.CAPACITOR CH 4V 22U	
C483	ECST0GY226	T.CAPACITOR CH 4V 22U	
C484	ECUX1A104KBQ	C.CAPACITOR CH 10V 0.1U	
C485	VCS0JP106	E.CAPACITOR 6.3V 10U	
C6403	ECST0JY226Z	T.CAPACITOR CH 6.3V 22U	
D451	02DZ6.2YTPH3	DIODE	B0BC6R100014
D452	02DZ6.2YTPH3	DIODE	B0BC6R100014
D453	02DZ6.2YTPH3	DIODE	B0BC6R100014
FP451	VJS4264B033	CONNECTOR (FEMALE) 33P	
FP452	VJS3320B005	CONNECTOR (FEMALE) 5P	
IC451	TC7W66FU	IC	
IC452	NJM3403AV	IC	
IC453	NJM2143R	IC	C0ABAA000045
IC480	L2ES000000004	IC	
IC481	L2ES000000003	IC	
IC482	NJM2125F	IC	C0ABAA000042
JK3801	VJJ0568	RCA JACK	
JK6401	VJJ0667	JACK (8-PIN)	K2HZ108B0003

L451	VLQ0807K100	COIL 10UH	G1C100K00024
L452	VLQ0807K100	COIL 10UH	G1C100K00024
L480	VLQ0807K100	COIL 10UH	G1C100K00024
L6402	G1C100KA0023	CHIP INDUCTOR	
LB451	VLP0357A601	CHIP BEAD	
LB472	VLP0329A121	CHIP BEAD	
LB473	VLP0329A121	CHIP BEAD	
LB6401	VLP0357A601	CHIP BEAD	
LB6402	VLP0357A601	CHIP BEAD	
LB6405	VLP0357A601	CHIP BEAD	
LB6406	VLP0357A601	CHIP BEAD	
LB6407	VLP0357A601	CHIP BEAD	
R452	ERJ2GEJ274	M.RESISTOR CH 1/16W 270K	
R453	ERJ2RHD103	M.RESISTOR CH 1/16W 10K	
R454	ERJ2GEJ434	M.RESISTOR CH 1/16W 430K	
R455	ERJ2GEJ474	M.RESISTOR CH 1/16W 470K	
R456	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R457	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R458	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R459	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R460	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R461	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R462	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	
R463	ERJ2GE0R00	M.RESISTOR CH 1/16W 0	
R464	ERJ2GEJ434	M.RESISTOR CH 1/16W 430K	
R465	ERJ2GEJ474	M.RESISTOR CH 1/16W 470K	
R466	ERJ2RHD103	M.RESISTOR CH 1/16W 10K	
R467	ERJ2GEJ274	M.RESISTOR CH 1/16W 270K	
R469	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R470	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R471	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	
R481	ERJ2GEJ103	M.RESISTOR CH 1/16W 10K	
R482	ERJ2RHD103	M.RESISTOR CH 1/16W 10K	
R483	ERJ2RHD392	M.RESISTOR CH 1/16W 3.9K	
R484	ERJ2RHD272	M.RESISTOR CH 1/16W 2.7K	
R485	ERJ2RHD132	M.RESISTOR CH 1/16W 1.3K	

R486	ERJ2RHD621	M.RESISTOR CH 1/16W 620	
W481	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	
W482	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	
W483	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	
W484	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	
	VEP22300A	AWT SENSOR C.B.A.	(RTL)
C441	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C442	ECST0JY475	T.CAPACITOR CH 6.3V 4.7U	
C443	ECST0JY106	T.CAPACITOR CH 6.3V 10U	
FP441	VJS3319B006	CONNECTOR (FEMALE) 6P	
IC441	M52944FP	IC	C1AB00000794
L441	VLQ0807K100	COIL 10UH	G1C100K00024
QR441	UN9212	TRANSISTOR-RESISTOR	
R441	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	
S6504	EVQQW101M	SWITCH	
	VGQ6099	BARRIER	
	VGQ6103	PROTECT SHEET	
	VEP06D62A	GRIP C.B.A.	(RTL)
B6101	VSB0407	BATTERY	
D6101	CL190UR	DIODE	
D6102	SML-310MT	DIODE	B3ABB0000091
D6103	CL190D	DIODE	
D6104	CL190UR	DIODE	
FP6101	VJS3498A008	CONNECTOR (FEMALE) 8P	
FP6102	VJS4298B008	CONNECTOR (FEMALE) 8P	
FP6103	VJS3971B033	CONNECTOR (FEMALE) 33P	
R6101	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	
S6104	VSS0392	SLIDE SWITCH	K0D112B00074
S6202	VSP1102	SWITCH	K0H1BA000260
S6211	VSP0584	SWITCH	
S6212	VSP0584	SWITCH	
	VEP06D43B	GRIP FLEX. CARD	

	VEP20795A	CAMERA OP. FLEX. CARD	(RTL)
S6501	EVQQW101M	SWITCH	
S6502	EVQQW101M	SWITCH	
S6503	EVQQW101M	SWITCH	
S6504	EVQQW101M	SWITCH	
S6505	VSS0549	SWITCH	K0D113B00029
S6506	VSR0223	ENCODER SWITCH	
	VEP000F5A	MMC/SD FLEX. CARD	(RTL)
HS3401	K1NA09E00002	CONNECTOR	
	VEK8977	MIC UNIT	
	VEK8978	ECM FLEX.	
	VEP06D42A	HALL SENSOR FLEX. CARD	(RTL)
IC991	DN8797MS	HALL IC	
IC992	DN8797MS	HALL IC	
	VEP000P4A	HOT SHOE FLEX. CARD	(RTL)
S4051	VSP0584	SWITCH	
	VEP03F33A	S JACK FLEX. CARD	(RTL)
JK3001	VJJ0670	S JACK	K2HZ104A0002
	VEP22298B	CCD FLEX. CARD C.B.A.	(RTL)
C201	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C202	ECST1VY105	T.CAPACITOR CH 35V 1U	
C203	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C204	ECST1VY105	T.CAPACITOR CH 35V 1U	
C205	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	

C206	ECST1VY105	T.CAPACITOR CH 35V 1U	
C207	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C208	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
C209	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	
D201	MA143	DIODE	
D202	MA143	DIODE	
D203	MA143	DIODE	
L201	VLP0145	COIL	
L202	VLP0145	COIL	
L203	VLP0145	COIL	
PS201	VJS3500A026	CONNECTOR (FEMALE) 26P	
Q201	2SA1532	TRANSISTOR	
Q202	2SA1532	TRANSISTOR	
Q203	2SA1532	TRANSISTOR	
R201	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	
R202	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	
R203	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	
R204	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	
R205	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	
R206	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	
R207	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	
R208	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	
R209	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	
	VJB22298	CCD FLEX. CARD	
	VEP20794A	MF SENSOR FLEX. CARD	(RTL)
Q710	CNA1312K01VT	PHOTO SENSOR	
Q711	CNA1312K01VT	PHOTO SENSOR	
	VEP28272A	EVF (A) FLEX. CARD	(RTL)
FP801	VJS4013B019	CONNECTOR (FEMALE) 19P	
FP802	VJS4353B016	CONNECTOR (FEMALE) 16P	
	VEP28275A	EVF (B) FLEX. CARD	(RTL)

BL881	A2CD00000029	BACK LIGHT	
C802	ECUM1A226MBP	C.CAPACITOR CH 10V 22U	
L881	VLQ0779K100	COIL 10UH	G1C100KA0005
Q881	2SK2055	TRANSISTOR	
T881	ETJ11K90AM	CHIP TRANSFORMER	

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