



Nikon Z 9

Repair Manual

Table of Contents

Introduction	1
Important Information	1
Notations used in this Repair Manual	2
Safety precautions	4
Disclaimer of warranties and limitation of damages	6
Notification	6
Service tools	7
Nikon service tools	7
Standard service tools	7
Illustrated Service Parts List	8
Parts Removal and Replacement Procedures	30
Before disassembling the Product	30
During the repairing	30
Reference Pages for Replacement Procedures by Major Parts	31
Disassembly	32
CABLE CLIP UNIT	32
BATTERY COVER UNIT	32
MEDIA COVER LID UNIT	33
EYEPIECE UNIT	34
NECK-STRAP RING	34
NAME PLATE	34
REAR COVER UNIT	36
EVF UNIT	38
TOP COVER UNIT	39
MAIN PCB UNIT	40
SHADING UNIT	45
GRIP RUBBER UNIT	46
V-POSITION SUB COMMAND DIAL UNIT	49
BAYONET MOUNT	51
LENS CONTACT UNIT	52
TRIPOD BASE	53
LENS RELEASE BUTTON	54
TOP LCD WINDOW	55
COMMAND DIAL UNIT	57
MIC FPC UNIT	58
WI-FI CABLE HOLDER	59
FOUR LEAF BUTTON UNIT	60

TOP COVER FPC UNIT.....	61
TOP LCD UNIT.....	63
SHOE MOLD UNIT.....	69
MAIN SW DIAL.....	71
GPS PCB.....	72
SYNC TERMINAL.....	73
TOP COVER UNIT.....	74
EYELET.....	76
EYEPIECE BLOCK UNIT.....	77
EVF PANEL UNIT.....	82
REAR COVER UNIT.....	85
TFT MONITOR UNIT.....	86
TILT UNIT.....	88
TFT MONITOR UNIT.....	92
SECURITY LOCK UNIT.....	95
REAR FPC UNIT.....	98
FN4/DELETE BUTTON FPC UNIT.....	102
SPEAKER UNIT.....	103
REAR RUBBER UNIT.....	105
V-POSITION REAR RUBBER UNIT.....	107
Assembly.....	111
REAR COVER UNIT.....	111
V-POSITION REAR RUBBER UNIT.....	117
REAR RUBBER UNIT.....	120
SPEAKER UNIT.....	122
FN4/DELETE BUTTON FPC UNIT.....	123
REAR FPC UNIT.....	130
SECURITY LOCK UNIT.....	133
TFT MONITOR UNIT.....	136
TILT UNIT.....	137
EYEPIECE BLOCK UNIT.....	146
EVF PANEL UNIT.....	148
HEAT DESIPATION SHEET.....	155
TOP COVER UNIT.....	158
EYELET.....	160
SYNC TERMINAL.....	165
GPS PCB.....	166
MAIN SW DIAL.....	167
SHOE MOLD UNIT.....	169
TOP LCD UNIT.....	171
TOP COVER FPC UNIT.....	178
FOUR LEAF BUTTON UNIT.....	181
WI-FI CABLE HOLDER.....	183
MIC FPC UNIT.....	184
COMMAND DIAL UNIT.....	185
FRONT BODY UNIT.....	189

TRIPOD BASE	193
V-POSITION SUB COMMAND DIAL UNIT	196
GRIP RUBBER UNIT	202
MAIN PCB UNIT	207
TOP COVER UNIT	213
EVF UNIT	215
REAR COVER UNIT	217
NAME PLATE.....	219
RUBBER CAP	219
NECK-STRAP RING.....	220
EYEPiece UNIT	220
MEDIA COVER LID UNIT	221
BATTERY COVER UNIT.....	222
CABLE CLIP UNIT	224
Switch Inspection Process	225
Switch inspection.....	225
AF Accuracy Inspection Process	226
AF accuracy inspection	228
VR function inspection process	230
VR function inspection.....	230



Introduction

Important Information

- For purposes of this Repair Manual, "Nikon" means Nikon Corporation, and all direct and indirect affiliated companies, including without limitation, Nikon Inc.
- This Repair Manual is solely intended for Nikon products imported into and sold in the United States by Nikon Inc.
- This Repair Manual includes technical instructions for replacing Nikon parts for the above-mentioned product (the "Product") and is intended for individuals with the knowledge, experience, and tools required to repair electronic devices. Read this entire Repair Manual first. If you are not comfortable performing the repairs as instructed in this Repair Manual, do not proceed.
- Please note that, if you repair the Product on your own, we will not provide customer support or assistance regarding this Repair Manual or how to repair the Product. Please note that an incorrect repair may affect the Product's limited warranty and/or cause an increase in the fee if you request service from an authorized Nikon service center if you have repaired the Product on your own. This Repair Manual is subject to revision without notice.
- Failure to follow the repair instructions or to use appropriate Nikon parts or tools may cause fire or other safety issues and lead to personal injury or death. Failure to follow the repair instructions or to use appropriate parts or tools may damage the Product or other property, or compromise the Product's functionality or water resistance (if applicable).
- NIKON SHALL NOT BE LIABLE FOR ANY DAMAGES, INJURIES OR OTHER LIABILITIES TO THE PRODUCT, OR ANY PERSON, OR PROPERTY WHICH OCCURS AS A RESULT OF REPAIR, DIAGNOSIS, MAINTENANCE, OR MODIFICATION PERFORMED BY YOU OR AN UNAUTHORIZED REPAIR PROVIDER, INCLUDING BUT NOT LIMITED TO, ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES; ANY LOSS OF DATA, PRIVACY OR PROFITS; OR ANY INABILITY TO USE, OR REDUCED FUNCTIONALITY OF, THE PRODUCT.


Notations used in this Repair Manual

In this guide, important information is indicated by the following icons.

 WARNING	This indicates that improper use by ignoring the contents described herein can result in potential death or serious injury.
 CAUTION	This indicates that improper use by ignoring the contents described herein can result in potential injury or material loss.
IMPORTANT	This symbol indicates important information in this manual.

Product identification information

For the camera serial numbers, refer to the documentation provided with the camera (the Reference Guide).

-  **CAUTION**
- The serial number may be required when you contact Nikon with regards to the Product. Make sure not to lose the serial numbered part of the Product.

Read this first

- No part of this Repair Manual may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form, by any means, without Nikon's prior written permission.
- Illustrations shown in this Repair Manual may differ from the actual Product.
- Nikon is not responsible for any errors this Repair Manual may contain.
- The appearance, specifications, and capabilities of this Product and parts are subject to change without notice.

About controls for radio interference

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules and to EU EMC directive. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Consult the dealer or an experienced radio/TV technician for help.

Safety precautions

Strictly observe the guidelines contained in this Repair Manual in order to use this Product safely and prevent possible injury or property damage to you and others. Understand the contents thoroughly for correct use of the Product.

General safety precautions

Always observe the following general safety precautions.

- If you disassemble or repair the Product, it may involve risks of electric shock, Product damage, fire, and/or personal injury, or other hazards. Be careful when disassembling or repairing the Product as described in this Repair Manual.
- If you disassemble or repair the Product, the flange back or the back focus may shift, which may affect the focus when shooting. Check the focus position before disassembling or repairing the Product. Then, ensure that the focus position has not changed after re-assembling the Product. If the focus changes after re-assembling the Product, we recommend that you disassemble and repair the Product again.
- If the Product is dropped or has been subjected to an impact due to dropping, or weight or stress has been placed on it, the camera and lens attachment parts may become deformed, which will prevent the Product from being able to be attached and will cause problems when shooting. In such cases, accurate adjustments and repair will be required and it is recommended that you contact Nikon for service repairs.
- If the Product contains a lithium-ion battery, then inappropriate use, transportation, recycling, reuse, or disposal of the lithium-ion battery may cause a fire, explosion or other damage or injury. Lithium-ion batteries should be handled in accordance with local laws, rules, and regulations. Do not heat, create holes in, disassemble, or incinerate the Product or the lithium-ion battery. Do not leave the Product or the lithium-ion battery in direct sunlight or other hot places for long periods of time, and do not charge the Product in such an environment as doing so may damage the lithium-ion battery or cause it to melt, which may cause a fire, explosion or other damage or injury.
- Do not dispose of your old Product or its lithium-ion battery (if any) and the replaced parts in your household trash or recycling bin. When disposing of the lithium-ion battery, follow your local area laws, rules, and regulations.

Repair-specific precautions and warnings

- As for the Product powered on by the power switch, before disassembling the Product, ensure that the Product is powered off and that the battery has been removed.
- As a safety measure, we recommend that you wear protective eyewear when disassembling or reassembling the Product.
- Always check the following points before and while disassembling the Product.
 - Wear an anti-static wrist strap.
 - The work area is appropriately grounded, and an environment in which electrostatic discharge (ESD) has been provided with safety measures is ensured.
- Before starting work, check that you are following the general guidelines and ESD compliance steps. For details, refer to "Before disassembling the Product" on page 30.
- When removing any parts from the Product, place all the attached parts and screws away from the work area to prevent the Product and parts from being damaged or lost.

Safety policy and procedure

- All Product safety issues must be managed according to the following points.
- If any of the following conditions are visible, stop repairing the Product and contact Nikon's customer service at www.nikonproductsupport.com.
 - There are burnt or melted components or traces on the outside of the Product, or other heat-related damage (including scorching on charging terminals or other connection terminals).
 - The Product has burnt or melted parts or traces on the inside, or contains damage from overheating.
 - Products that appear to have problems such as having been forcibly detached or disassembled for reasons other than misuse by the user or unauthorized repair (those that have been damaged by being subjected to an impact due to dropping, those that have evidence of tampering, or those with damage or separation caused by dilatation of the battery).
 - Plastic parts with sharp edges that may pose an injury risk to the user.
- When contacting Nikon's customer service, please have the following information ready to enable us to check the situation:
 - Model, model number, and serial number of the affected Nikon Product and any third-party product used together with the Nikon Product, if any.
 - Description of the damage found.
 - Clear photos that show the damage.

Disclaimer of warranties and limitation of damages

- All the information, descriptions, materials, and products provided on or in connection with this Repair Manual are provided by Nikon on an "as-is basis" and in "the form that can only be provided if possible" unless otherwise expressly specified in writing by Nikon. With respect to the information, descriptions, materials, and products included in this Repair Manual, that accompany this Repair Manual, or that are provided to users in some way, Nikon makes no, and hereby disclaims all, representations, unless expressly specified in writing. You hereby expressly agree that your use of the information, descriptions, materials, and products included in this Repair Manual or that accompany this Repair Manual are the user's sole responsibility. If you are not in agreement with the foregoing, do not use this Repair Manual.
- To the maximum extent allowed by applicable law, Nikon disclaims all warranties, express or implied. This includes the implied warranties of the merchantability and fitness for a particular purpose, but shall not be limited to these. To the maximum extent allowed by applicable law, Nikon disclaims and shall not be responsible for any damage that may arise through the use of any information, descriptions, materials, or products obtained from this Repair Manual or in connection with this Repair Manual. This includes direct, indirect, incidental, special, consequential, and/or punitive damages, but shall not be limited to these.

SOME STATES DO NOT ALLOW (A) LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR (B) THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

Notification

- Nikon and its suppliers may have patents, patent applications, trademarks, copyrights, and/or other intellectual property and/or proprietary rights regarding the subject matter in this Repair Manual (collectively, "Intellectual Property Rights"). By making this Repair Manual available to you, Nikon does not grant any Intellectual Property Rights and does not imply a license. When the user uses the Intellectual Property Rights with permission, it is only subject to Nikon's and its suppliers' Intellectual Property Rights.

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Service tools

This section shows the tools used to repair products. The standard service tools are commercially available and can be purchased from third party retailers. Nikon hereby disclaims all responsibility and liability for any tools or other items purchased from third party retailers.

Nikon service tools

- Lubricant (FG-30)
- Lubricant (MDF-1176BE)
- Lubricant (OS-30P)
- Lubricant (PL-1016EL)
- Cleaning Stick (EIZ0163)
- Lubricant (CFD409Z)
- Lubricant (LEN317A)
- Lubricant (DN-C3HN)
- Lubricant (MG-74CM)

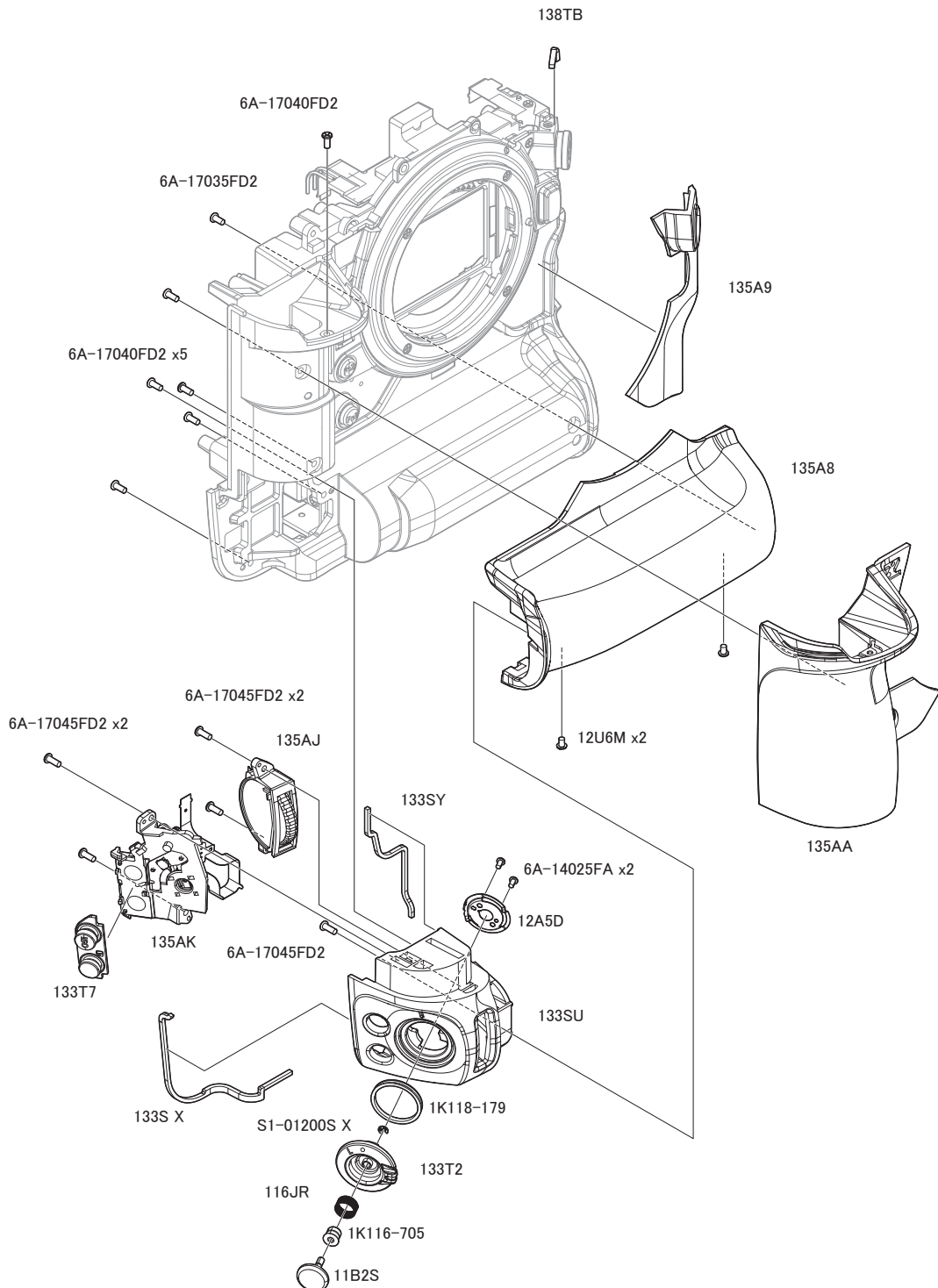
Standard service tools

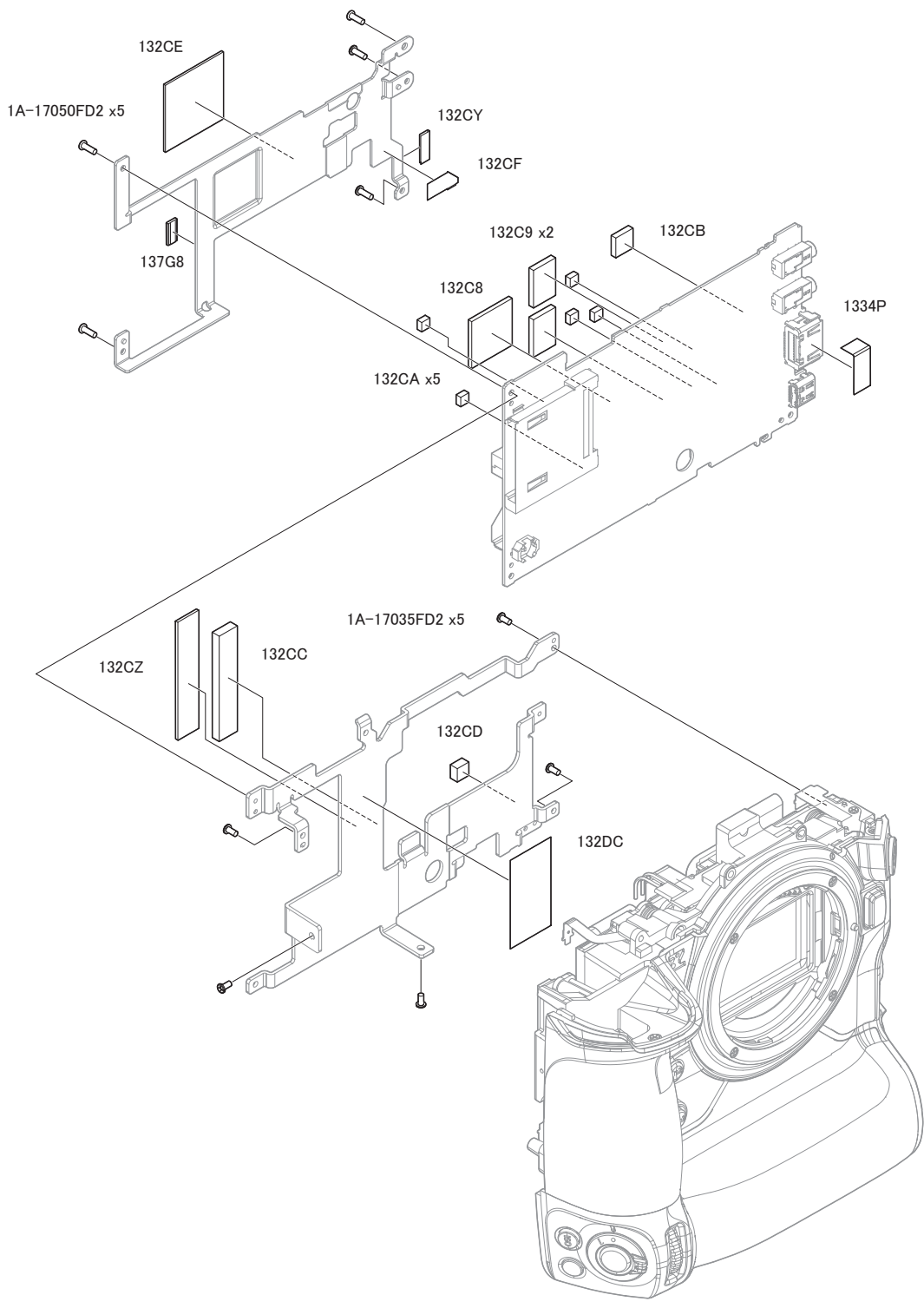
- Electrostatic discharge (ESD) mat
- Anti-ESD wrist strap (1 M Ω resistance)
- Anti-ESD gloves
- Protective eyewear
- Cleaning stick
- Isopropyl alcohol
- Isopropyl alcohol dispenser bottle
- Anti-ESD tweezers
- Ethyl alcohol
- Ethyl alcohol dispenser bottle
- Phillips screwdriver (No.0)
- Torque screwdriver (Use a product with a torque range of 0.07 N·m to 0.3 N·m.)
- Brush for lubricant
- Body cap (BF-N1)
- Adhesive (LOCTITE® 648)
- Adhesive (KE347B-100)
- Adhesive (Super X No.8008)
- Adhesive (ThreeBond 1401C)
- Cutter
- Soldering iron
- Solder
- Tripod
- Indoor lighting (Use the flickerless light.)
- Commercially available focus chart that can measure the focus position
- Non-VR lens (Example: NIKKOR Z 24-70mm f/4 S)
- Commercially available shooting chart (Example: Siemens Star Chart) that can measure the focus position

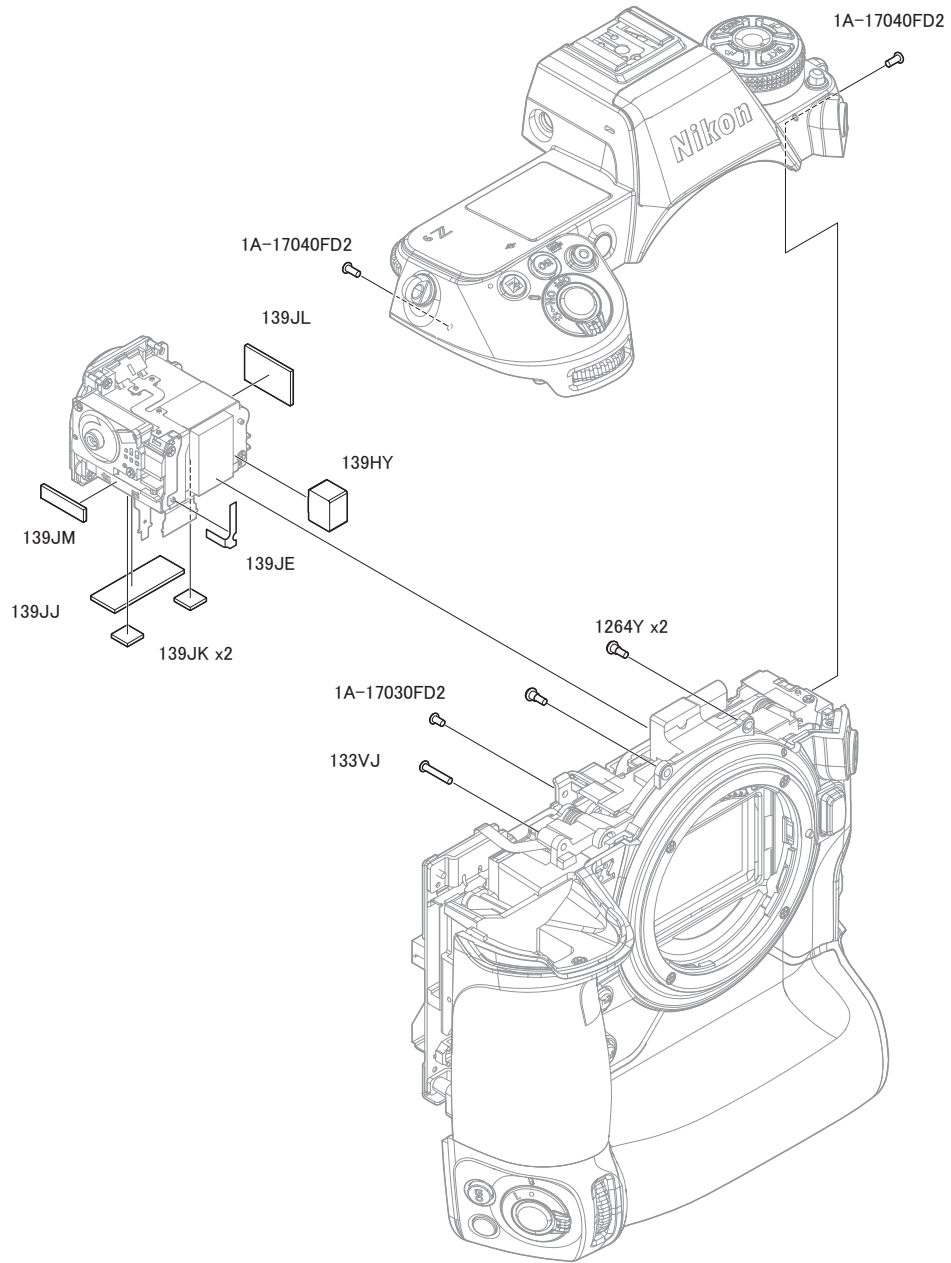
Illustrated Service Parts List

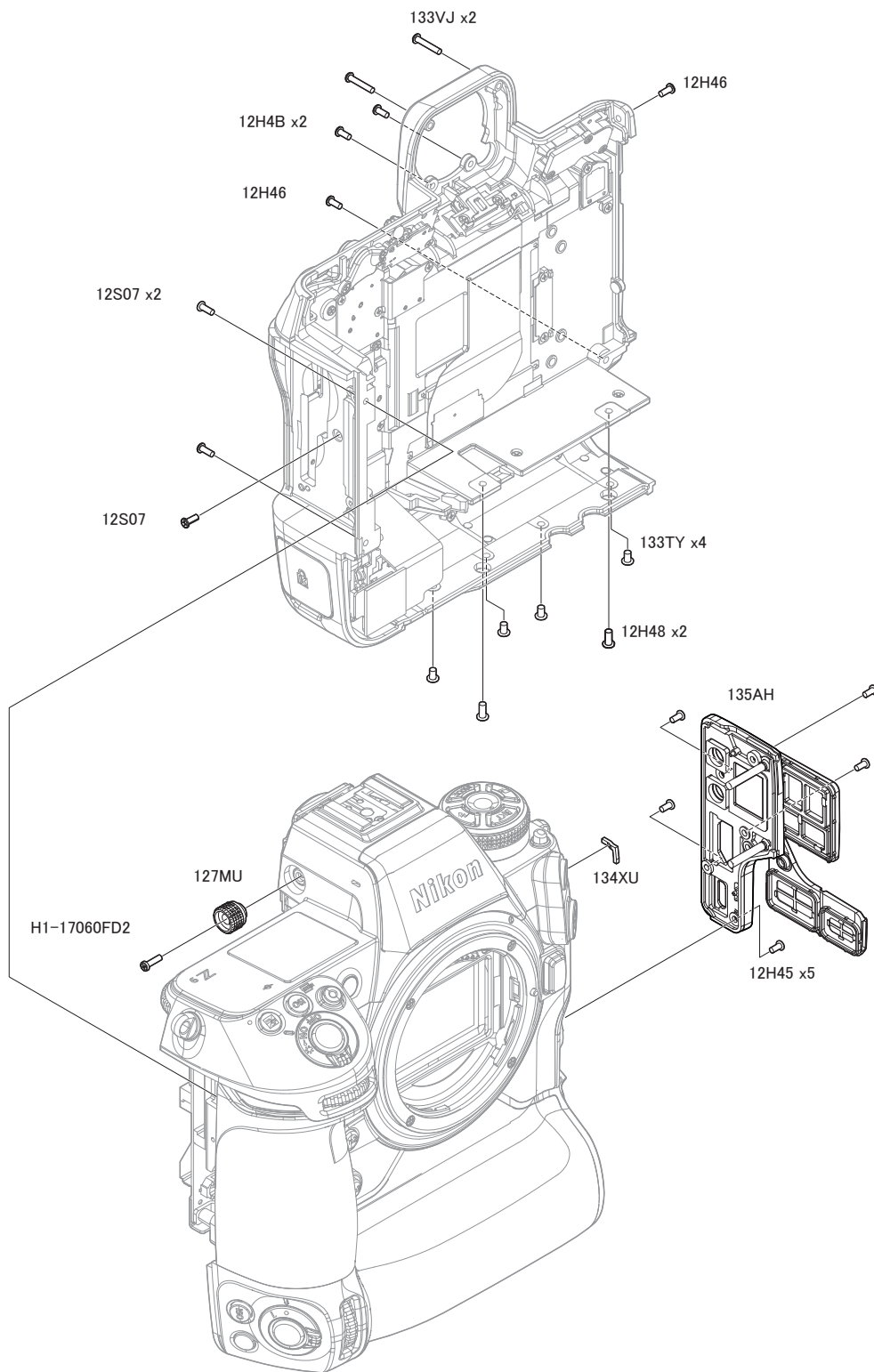
IMPORTANT

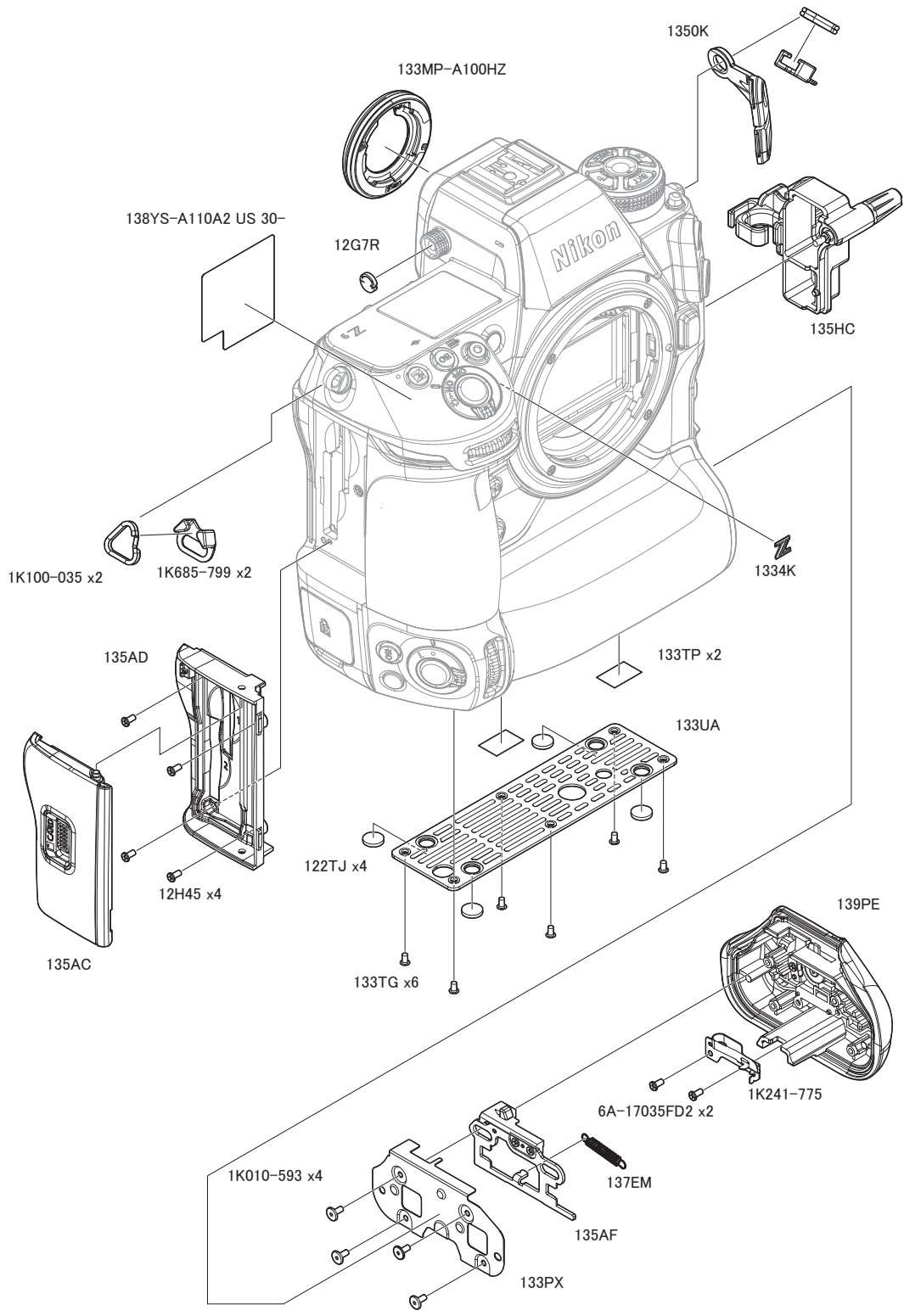
- The parts marked in gray in the illustration cannot be replaced individually as replacing them will affect the optical performance. If you need to replace these parts, use the CAMERA BODY UNIT (143VR).
- When disassembling and reassembling the Product, be careful not to damage or lose the parts.

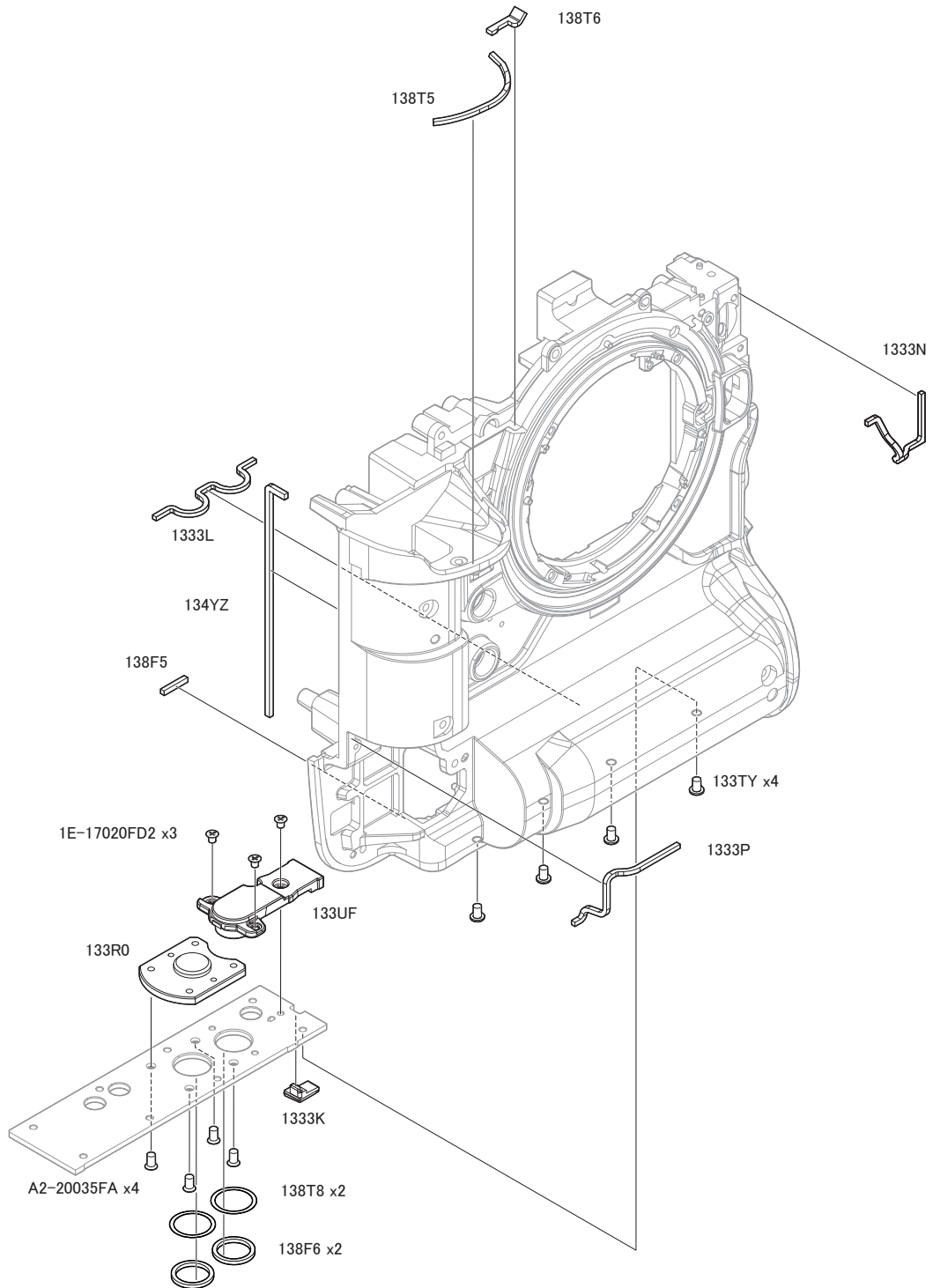


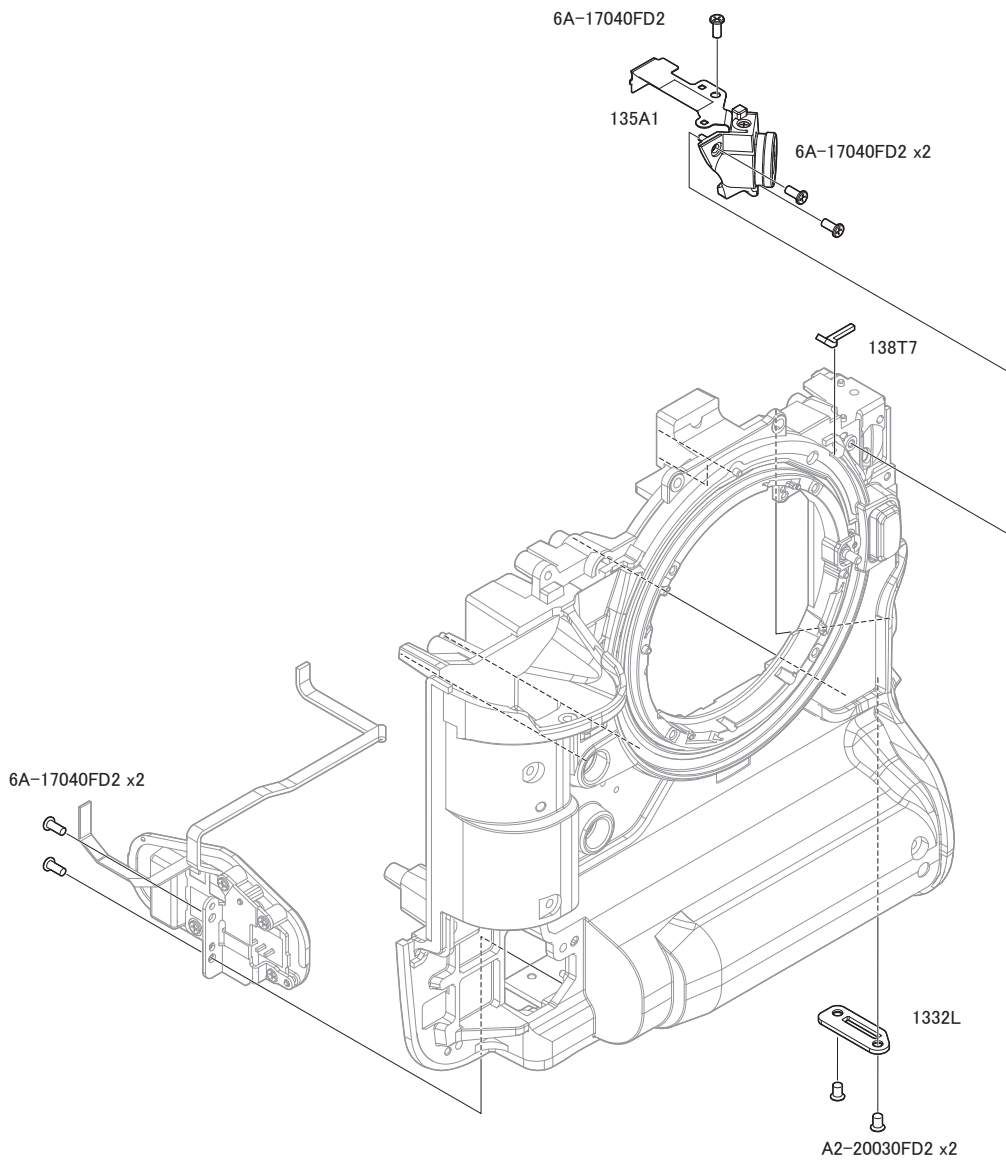




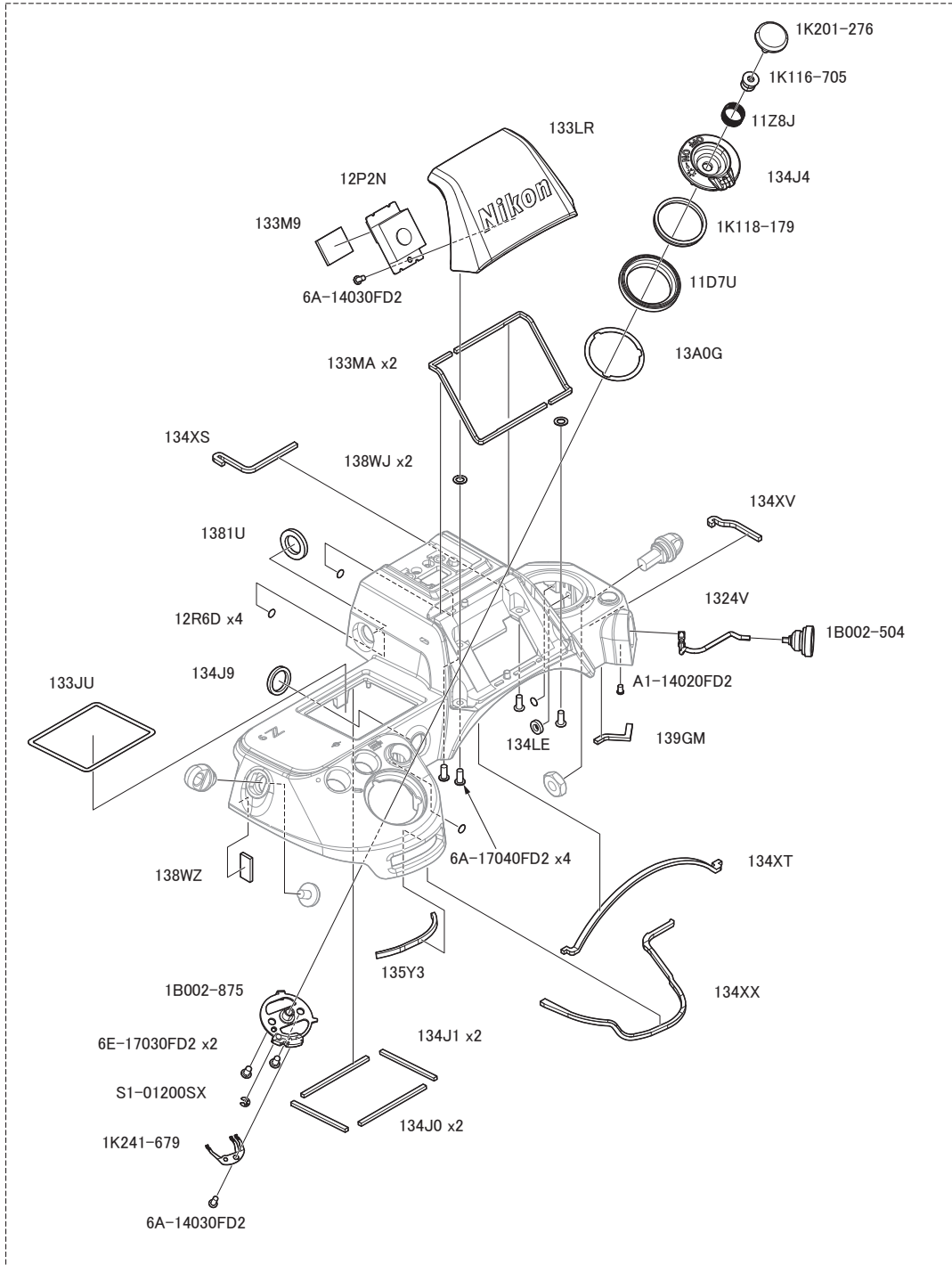




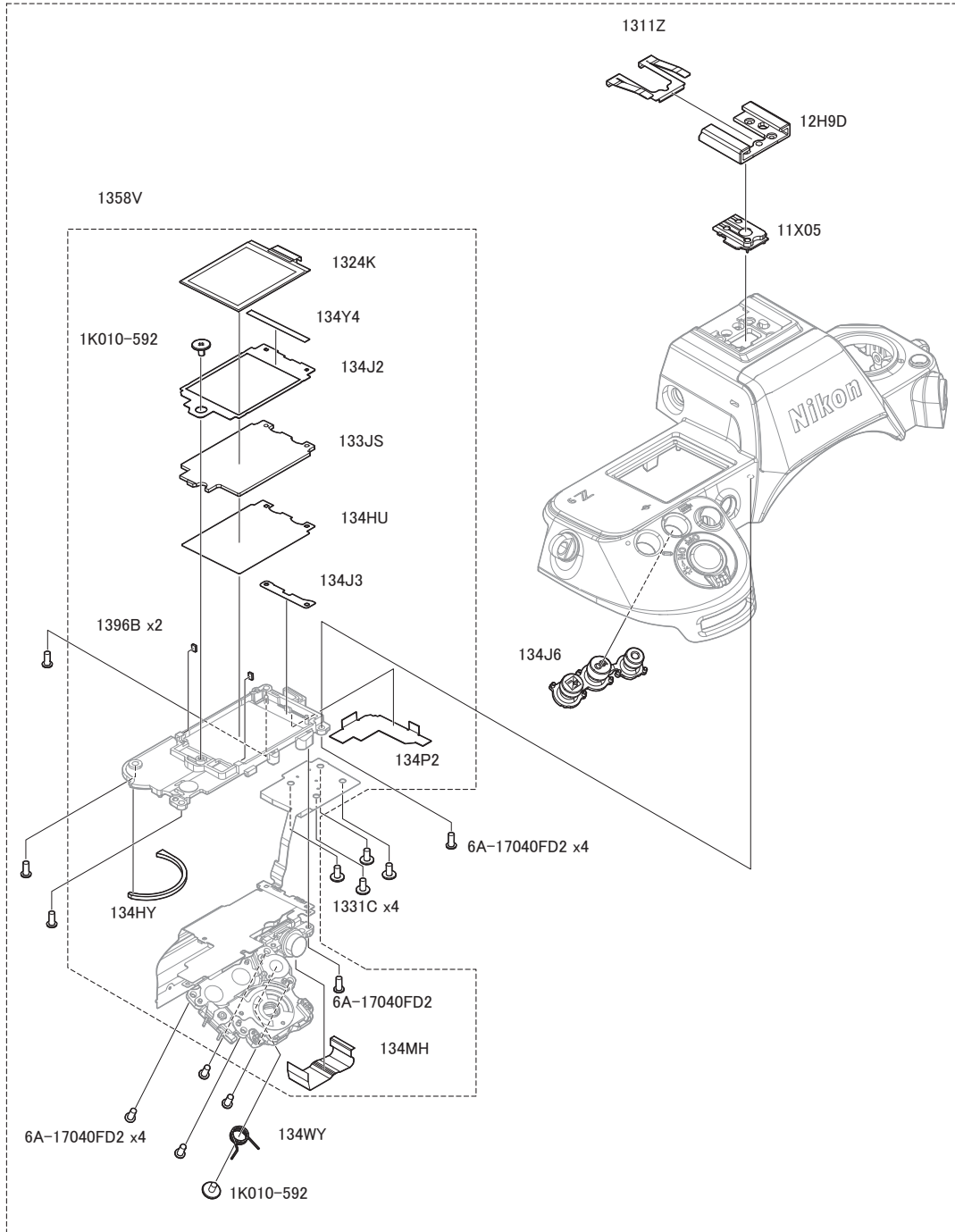


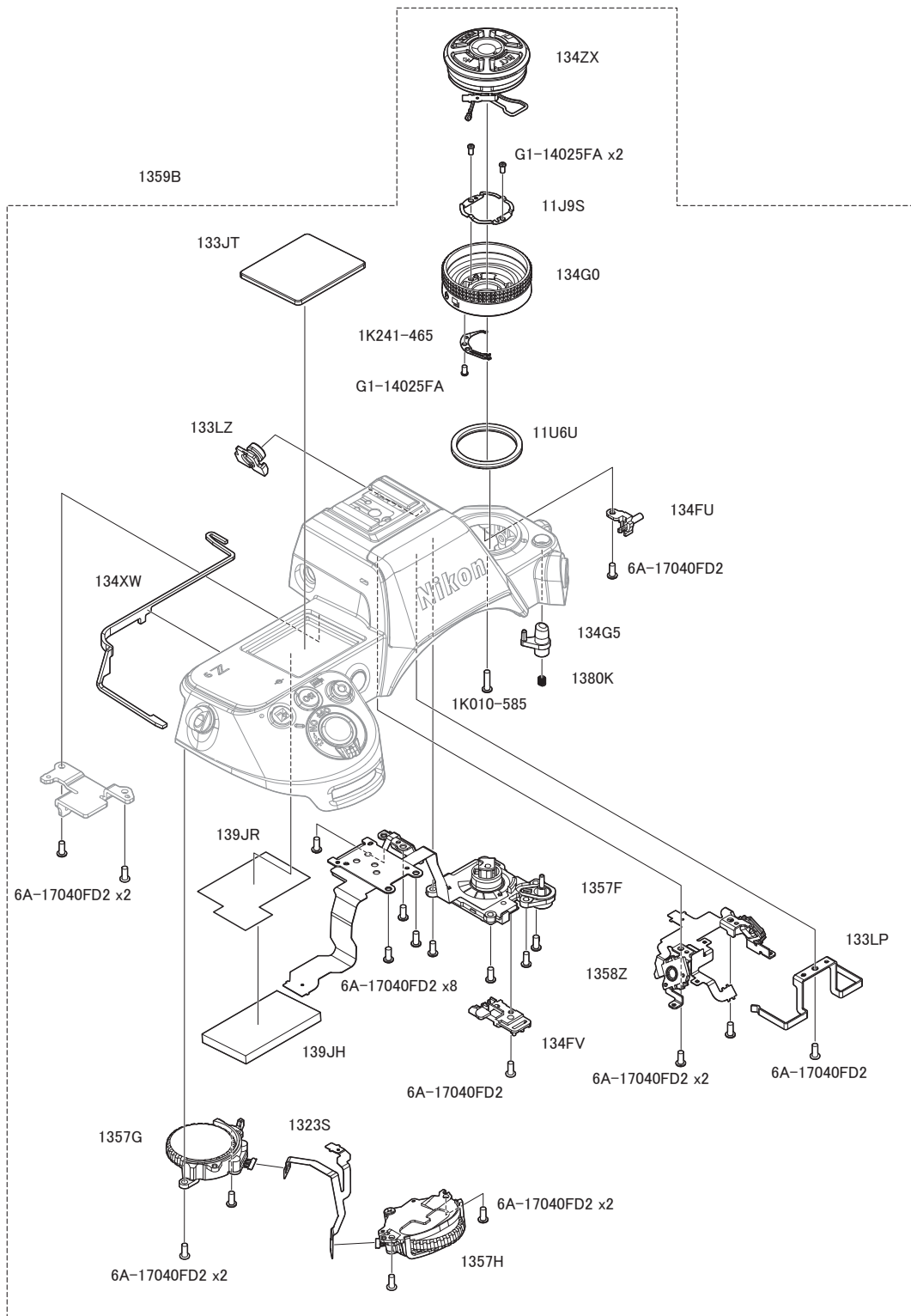


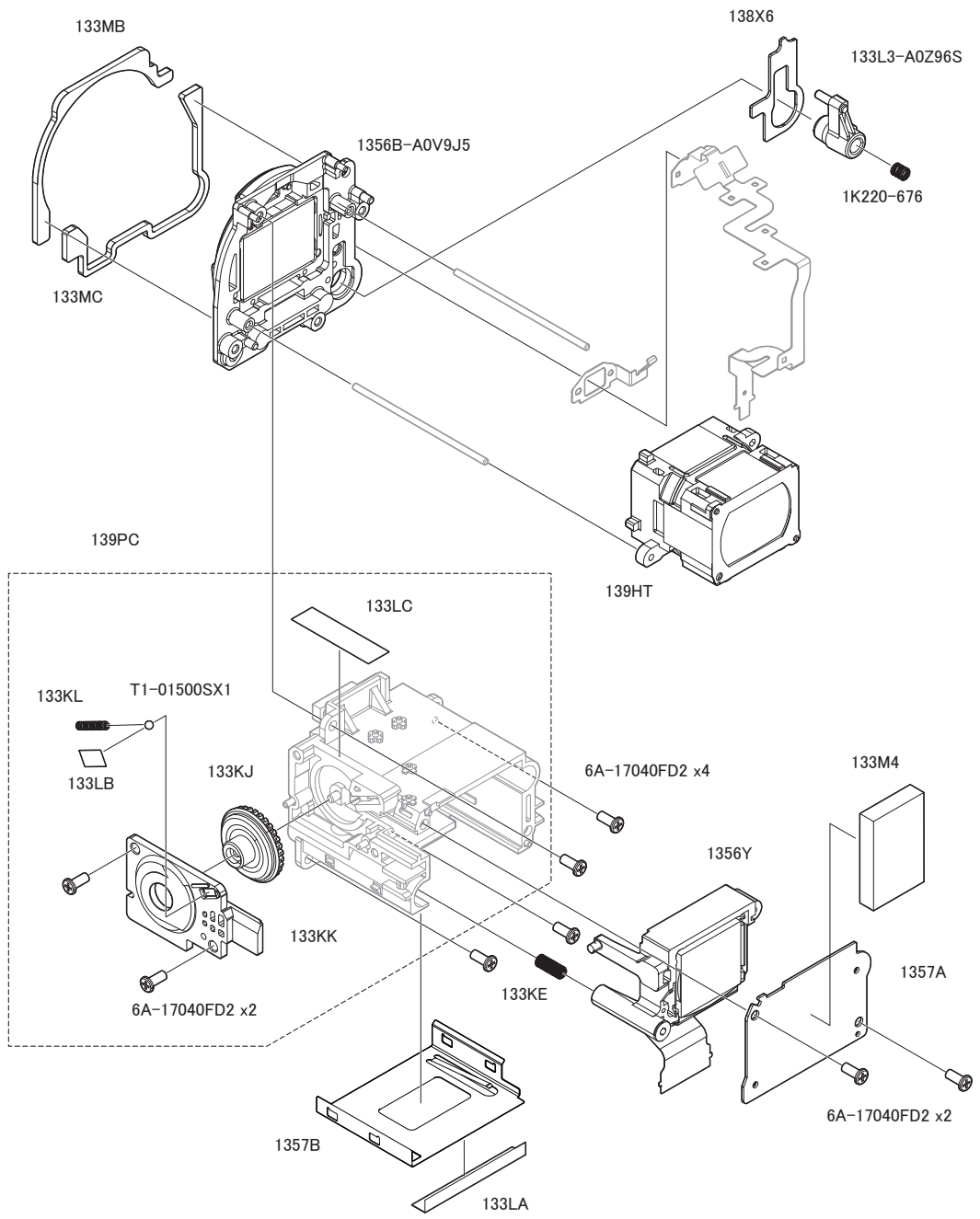
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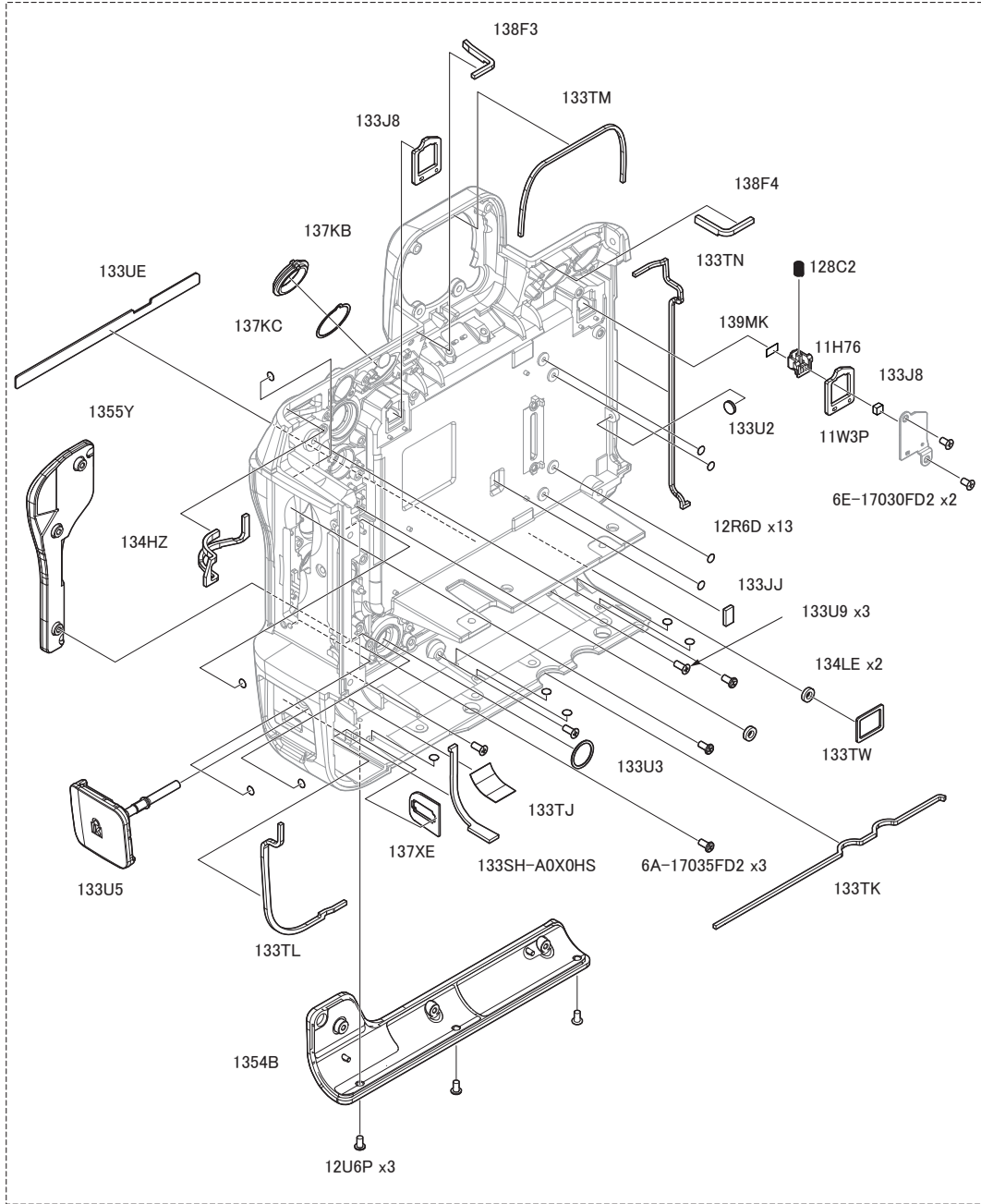
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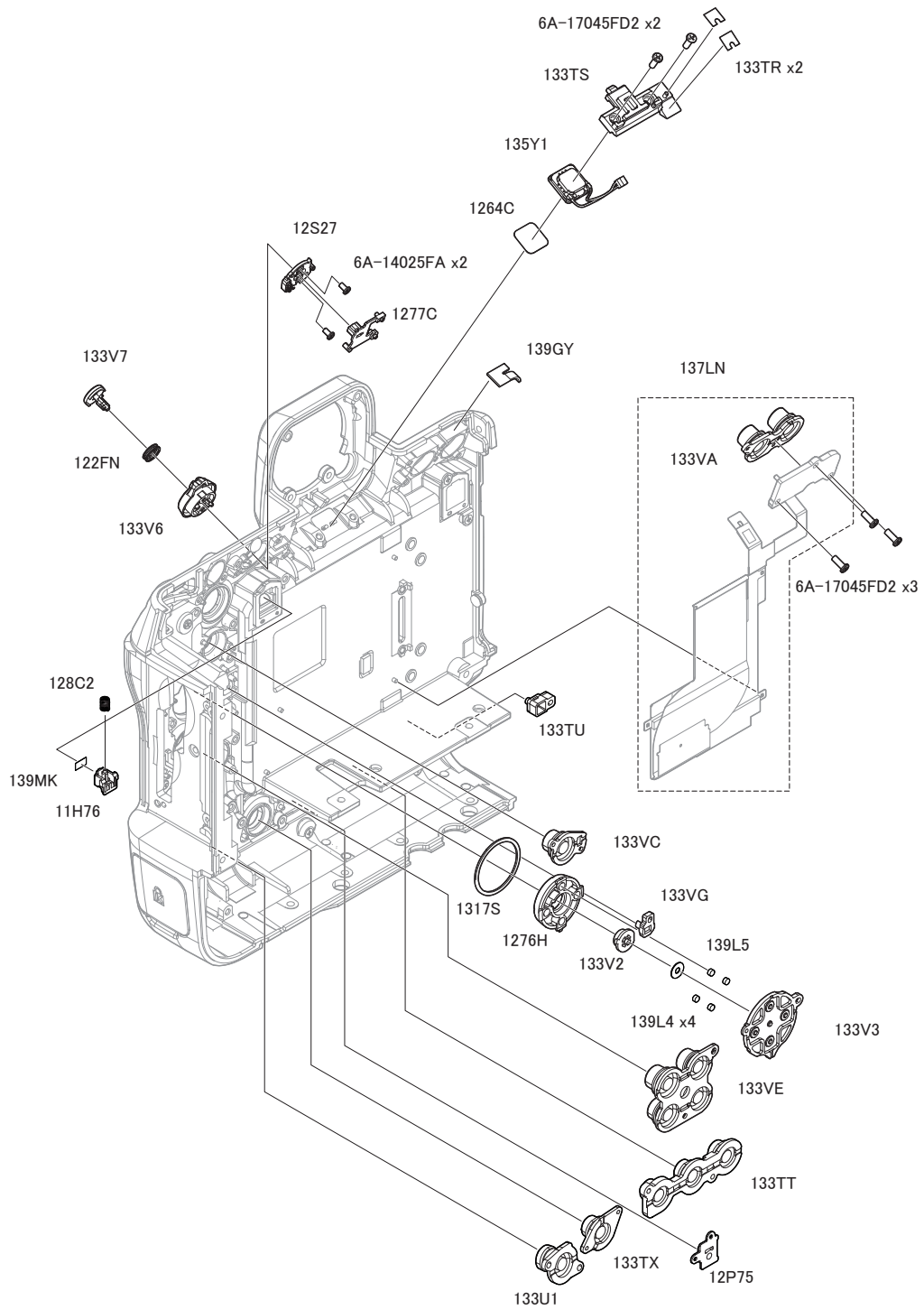


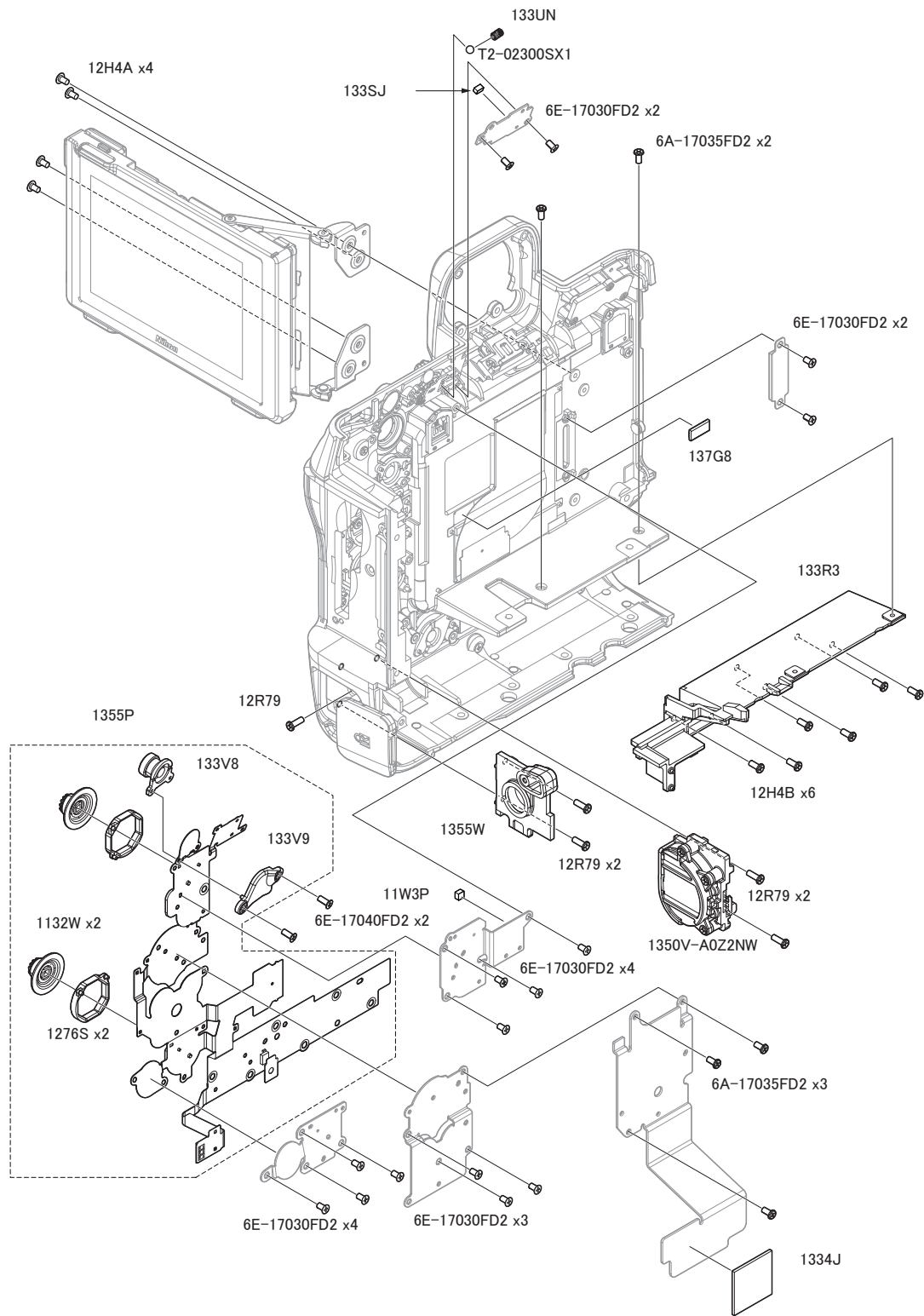


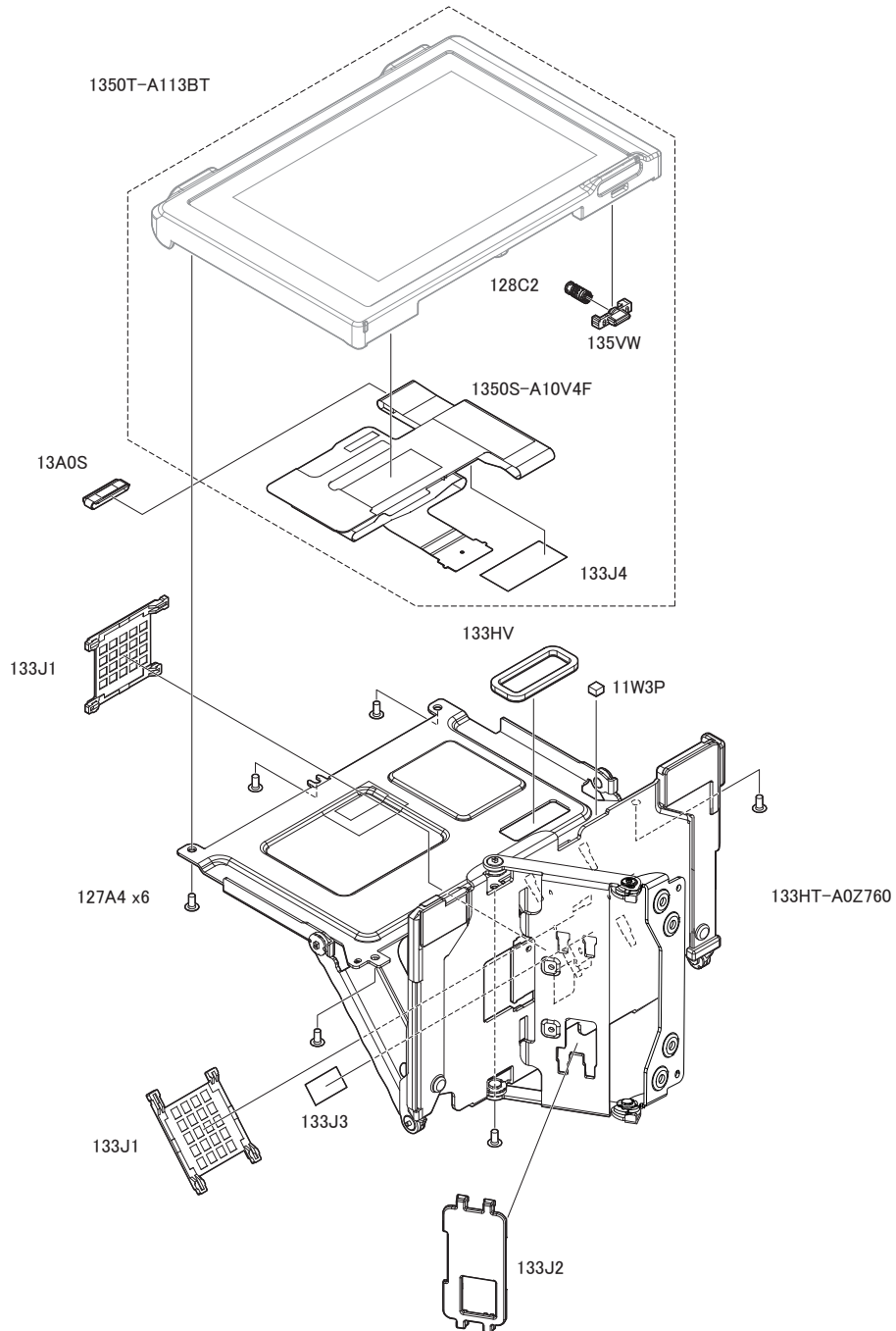


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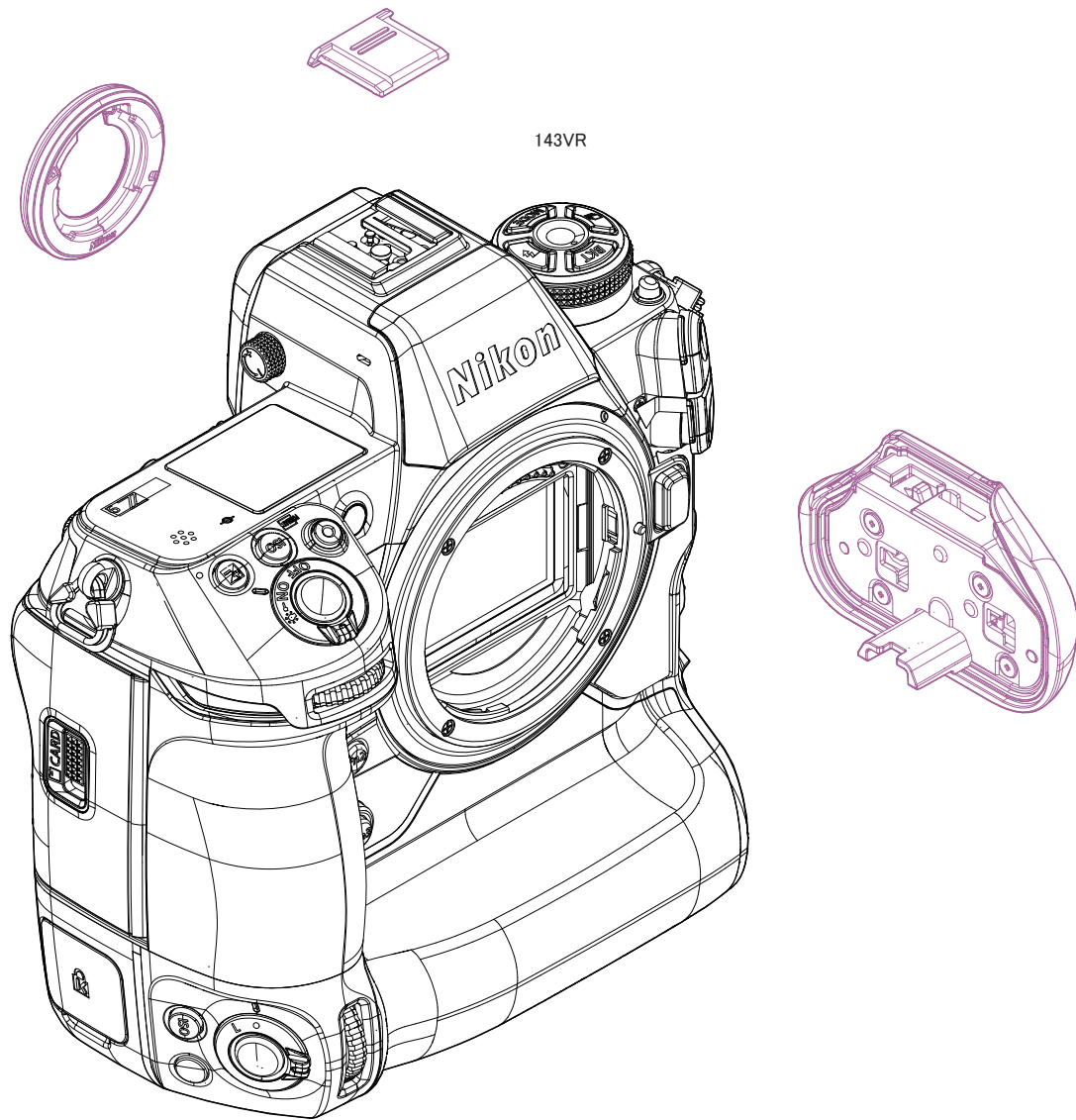








The parts highlighted in purple are not included with the CAMERA BODY UNIT(US) (143VR)



Item code	Parts name	Q'ty
1132W	SUB MULTI-SELECTOR BUTTON UNIT	2
116JR	SPRING	1
11B2S	SHUTTER RELEASE BUTTON	1
11D7U	COLLAR	1
11H76	HOLDER	2
11J9S	CLICK SPRING	1
11U6U	WASHER	1
11W3P	SPONGE	3
11X05	HOT SHOE MOLD UNIT	1
11Z8J	SPRING	1
122FN	RUBBER	1
122TJ	RUBBER	4
1264C	SHEET	1
1264Y	SCREW	2
1276H	MULTI SELECTOR	1
1276S	MOLD	2
1277C	MOLD	1
127A4	SCREW	6
127MU	DIOPTER ADJUSTMENT KNOB	1
128C2	SPRING	3
12A5D	CLICK PLATE	1
12G7R	DIOPTER ADJUSTMENT KNOB COVER	1
12H45	SCREW	9
12H46	SCREW	2
12H48	SCREW	2
12H4A	SCREW	4
12H4B	SCREW	8
12H9D	HOT SHOE	1
12P2N	GPS PCB	1
12P75	RUBBER	1
12R6D	SHEET	17
12R79	SCREW	5
12S07	SCREW	3
12S27	DISP SELECTOR MOLD UNIT	1
12U6M	SCREW	2
12U6P	SCREW	3
1311Z	HOT SHOE SPRING	1
1317S	SPONGE	1
1323S	COMMAND DIAL FPC	1
1324K	TOP LCD	1
1324V	HARNESS	1
132C8	HEAT DISSIPATION SHEET	1
132C9	HEAT DISSIPATION SHEET	2
132CA	HEAT DISSIPATION SHEET	5
132CB	HEAT DISSIPATION SHEET	1
132CC	HEAT DISSIPATION SHEET	1
132CD	HEAT DISSIPATION SHEET	1
132CE	SPONGE	1
132CF	TAPE	1

Item code	Parts name	Q'ty
132DC	INSULATION TAPE	1
1331C	SCREW	4
1332L	BATTERY LOCK PLATE	1
1333K	WATERPROOF RUBBER	1
1333L	SPONGE	1
1333N	SPONGE	1
1333P	SPONGE	1
1334J	HEAT DISSIPATION SHEET	1
1334K	NAME PLATE	1
1334P	SHEET	1
133HT-A0Z760	TILT UNIT	1
133HV	SPONGE	1
133J1	MOLD	2
133J2	MOLD	1
133J3	DOUBLE STICK TAPE	1
133J4	DOUBLE STICK TAPE	1
133J8	SPONGE	2
133JJ	SPONGE	1
133JS	LIGHT GUIDE	1
133JT	TOP LCD WINDOW	1
133JU	DOUBLE STICK TAPE	1
133KE	SPRING	1
133KJ	DIOPTER ADJUSTMENT CAM	1
133KK	DIOPTER ADJUSTMENT CAM CASE	1
133KL	SPRING	1
133L3-A0Z96S	EYEPiece LOCK BUTTON	1
133LA	TAPE	1
133LB	TAPE	1
133LC	TAPE	1
133LP	EVF HOLDING PLATE	1
133LR	GPS COVER	1
133LZ	MONITOR SWITCHING BUTTON	1
133M4	HEAT DISSIPATION SHEET	1
133M9	RUBBER	1
133MA	SPONGE	2
133MB	SPONGE	1
133MC	SPONGE	1
133MP-A100HZ	EYEPiece UNIT	1
133PX	PLATE	1
133R0	TRIPOD BASE	1
133R3	BATTERY HOLDER	1
133SH-A0X0HS	SPONGE	1
133SJ	SPONGE	1
133SU	V-POSITION RELEASE COVER	1
133SX	SPONGE	1
133SY	SPONGE	1
133T2	V-POSITION LOCK LEVER MOLD	1
133T7	V-POSITION 2-BUTTON	1
133TG	SCREW	6

Item code	Parts name	Q'ty
133TL	SPONGE	1
133TM	SPONGE	1
133TN	SPONGE	1
133TP	COPPER FOIL TAPE	2
133TR	TAPE	2
133TS	SPEAKER HOLDER	1
133TT	V-POSITION 3-BUTTON	1
133TU	LAN INDICATOR HOLDER	1
133TW	SPONGE	1
133TX	V-POSITION I BUTTON	1
133TY	SCREW	8
133U1	V-POSITION AF-ON BUTTON	1
133U3	SPONGE	1
133U5	SECURITY LOCK COVER	1
133U9	SCREW	3
133UA	BOTTOM COVER PLATE	1
133UE	SHEET	1
133UF	VIDEO BOSS	1
133UN	SPRING	1
133V2	OK BUTTON	1
133V3	RUBBER	1
133V6	DISP SELECTOR	1
133V7	DISP BUTTON	1
133V8	AF-ON BUTTON	1
133V9	RETAINER PLATE	1
133VA	FN4/DELETE BUTTON	1
133VC	I BUTTON	1
133VE	FOURTH BUTTON	1
133VG	ACCESS LAMP WINDOW	1
133VJ	SCREW	3
134FU	CHARGE LED WINDOW	1
134FV	WI-FI CABLE HOLDER	1
134G0	MODE DIAL	1
134G5	MODE DIAL LOCK BUTTON	1
134HU	REFLECT SHEET	1
134HY	SPONGE	1
134HZ	SPONGE	1
134J0	SPONGE	2
134J1	SPONGE	2
134J2	LIGHT SHIELDING SHEET	1
134J3	DOUBLE STICK TAPE	1
134J4	MAIN SW DIAL	1
134J6	3-BUTTON	1
134J9	SPONGE	1
134LE	SPONGE	3
134MH	LIGHT SHIELDING SHEET	1
134P2	SHEET	1
134WY	SPRING	1
134XS	SPONGE	1

Item code	Parts name	Q'ty
134XV	SPONGE	1
134XW	SPONGE	1
134XX	SPONGE	1
134Y4	DOUBLE STICK TAPE	1
134YZ	SPONGE	1
134ZX	FOUR LEAF BUTTON UNIT	1
1350K	RUBBER CAP	1
1350S-A10V4F	TFT MONITOR FPC UNIT	1
1350T-A113BT	TFT MONITOR UNIT	1
1350V-A0Z2NW	V-POSITION MAIN COMMAND DIAL UNIT	1
1354B	V-POSITION REAR RUBBER UNIT	1
1355P	REAR FPC UNIT	1
1355W	SECURITY LOCK UNIT	1
1355Y	REAR RUBBER UNIT	1
1356B-A0V9J5	EYEPiece BLOCK UNIT	1
1356Y	EVF PANEL UNIT	1
1357A	EVF DUSTPROOF PLATE UNIT	1
1357B	EVF BOTTOM COVER UNIT	1
1357F	TOP COVER FPC UNIT	1
1357G	MAIN COMMAND DIAL UNIT	1
1357H	SUB COMMAND DIAL UNIT	1
1358V	TOP LCD UNIT	1
1358Z	MIC FPC UNIT	1
1359B	TOP COVER UNIT	1
135A1	10 PIN UNIT	1
135A8	V-POSITION GRIP RUBBER UNIT	1
135A9	IF GRIP UNIT	1
135AA	GRIP RUBBER UNIT	1
135AC	MEDIA COVER LID UNIT	1
135AD	MEDIA COVER UNIT	1
135AF	BATTERY FIXING PLATE UNIT	1
135AH	IF COVER UNIT	1
135AJ	V-POSITION SUB COMMAND DIAL UNIT	1
135AK	V-POSITION FPC BLOCK UNIT	1
135HC	CABLE CLIP UNIT	1
135VW	LATCH	1
135Y1	SPEAKER UNIT	1
135Y3	SPONGE	1
137EM	SPRING	1
137G8	GASKET	2
137KB	SWITCHING LEVER RING	1
137KC	DOUBLE STICK TAPE	1
137LN	FN4/DELETE BUTTON FPC UNIT	1
137XE	SECURITY LOCK PATCH PLATE UNIT	1
1380K	SPRING	1
1381U	SPONGE	1
138F3	SPONGE	1
138F4	SPONGE	1
138F5	SPONGE	1

Item code	Parts name	Q'ty
138T6	SPONGE	1
138T7	SPONGE	1
138T8	TAPE	2
138TB	SPONGE	1
138WJ	SHEET	2
138WZ	SPONGE	1
138X6	SPONGE	1
138YS-A110A2	LICENSE LABEL (US 30-)	1
1396B	SPONGE	2
139GM	SPONGE	1
139GY	LIGHT SHIELDING TAPE	1
139HT	LENS ROOM UNIT	1
139HY	GASKET	1
139JE	CONDUCTIVE TAPE	1
139JH	MOISUTURE ABSORBING SHEET	1
139JJ	MOISUTURE ABSORBING SHEET	1
139JK	MOISUTURE ABSORBING SHEET	2
139JL	MOISUTURE ABSORBING SHEET	1
139JM	MOISUTURE ABSORBING SHEET	1
139JR	INSULATION TAPE	1
139L4	WASHER	4
139L5	WASHER	1
139MK	TAPE	2
139PC	EVF UNIT	1
139PD-A0Z22E	REAR COVER UNIT	1
139PE	BATTERY COVER UNIT	1
13A0G	TAPE	1
13A0S	SHEET	1
143VR	CAMERA BODY UNIT(US)	1
1A-17030FD2	SCREW	1
1A-17035FD2	SCREW	5
1A-17040FD2	SCREW	2
1A-17050FD2	SCREW	5
1B002-504	SYNC TERMINAL	1
1B002-875	CLICK PLATE UNIT	1
1E-17020FD2	SCREW	3
1K010-585	SCREW	1
1K010-592	SCREW	2
1K010-593	SCREW	4
1K100-035	NECK-STRAP RING	2
1K116-705	RUBBER	2
1K118-179	RUBBER	2
1K220-676	SPRING	1
1K241-465	DRIVE MODE SW BRUSH	1
1K241-679	ON-OFF SW BRUSH	1
1K241-775	SPRING	1
1K685-799	NECK-STRAP RING COVER	2
6A-14025FA	SCREW	4
6A-14030FD2	SCREW	2

Item code	Parts name	Q'ty
6A-17045FD2	SCREW	10
6E-17030FD2	SCREW	19
6E-17040FD2	SCREW	2
A1-14020FD2	SCREW	1
A2-20030FD2	SCREW(ROHS)	2
A2-20035FA	SCREW	4
G1-14025FA	SCREW	3
H1-17060FD2	SCREW	1
S1-01200SX	E-RING	2
T1-01500SX1	CLICK BALL	1
T2-02300SX1	STEEL BALL	1
1K201-276	RELEASE BUTTON	1
133U2	TAPE	1

Parts Removal and Replacement Procedures

Before disassembling the Product

IMPORTANT

- As for the Product powered on by the power switch, before disassembling the Product, be sure to check that the Product is powered off and that the battery has been removed.
- Check that all the lenses, camera, and accessories attached to the Product are removed before disassembling the Product.
- Always cover the workbench's surface with a soft, non-scratch material suitable for ESD protection.
- Frequently clean the surfaces you use to work and keep them free of debris/abrasive particles.
- Always follow the work steps described in each process section.

During the repairing

IMPORTANT

- If there is this kind of indication, apply the specified grease or adhesive by a small brush.
Example: **MDF-1173S** **AX-125**
- If there is a specified torque, use an appropriate torque driver for tightening screw.
Example: 0.1 N·m
- If the parts are associated with circled numbers, please work in that numerical order.
Example: ① ② ③ means to work in the order of ① to ③.
- Do not pinch FPCs or cords during reassembly.
- Be careful not to damage or lose parts.

Reference Pages for Replacement Procedures by Major Parts

TOP COVER UNIT

Disassembly	P.32 - P.40
Assembly	P.213 - 221 , P.223 - 224

REAR COVER UNIT

Disassembly	P.32 - P.37 , P.85 - P.86 , P.93 - P.110
Assembly	P.111 - P.135 , P.144 - P.145 , P.217 - P.221 , P.223 - P.224

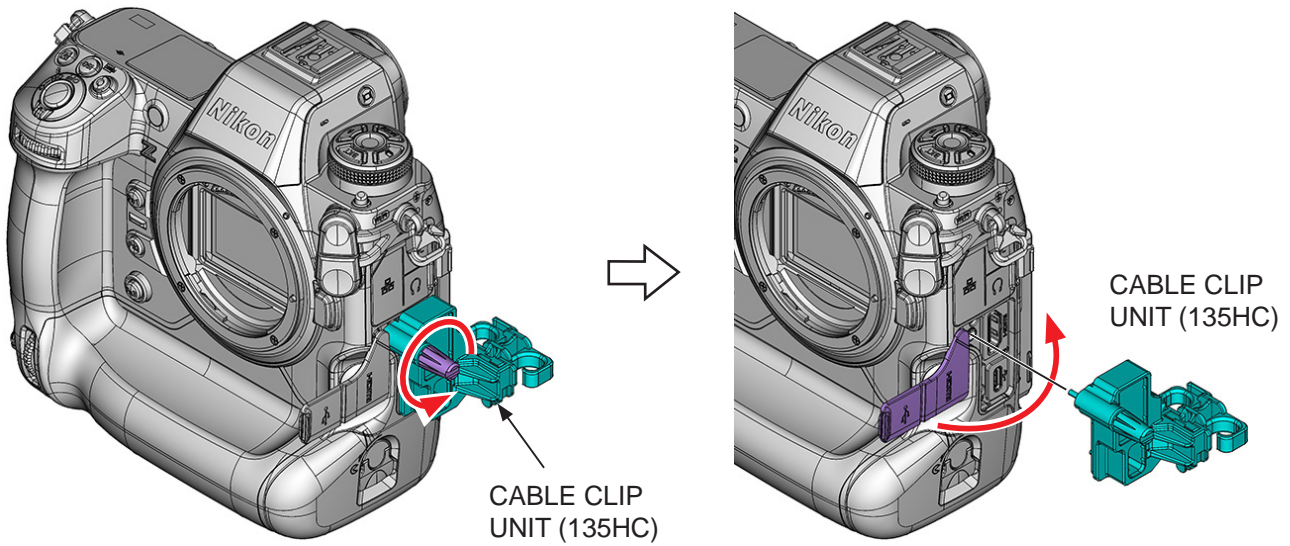
IF COVER UNIT

Disassembly	P.32 - P.38
Assembly	P.216 - P.221 , P.223 - P.224

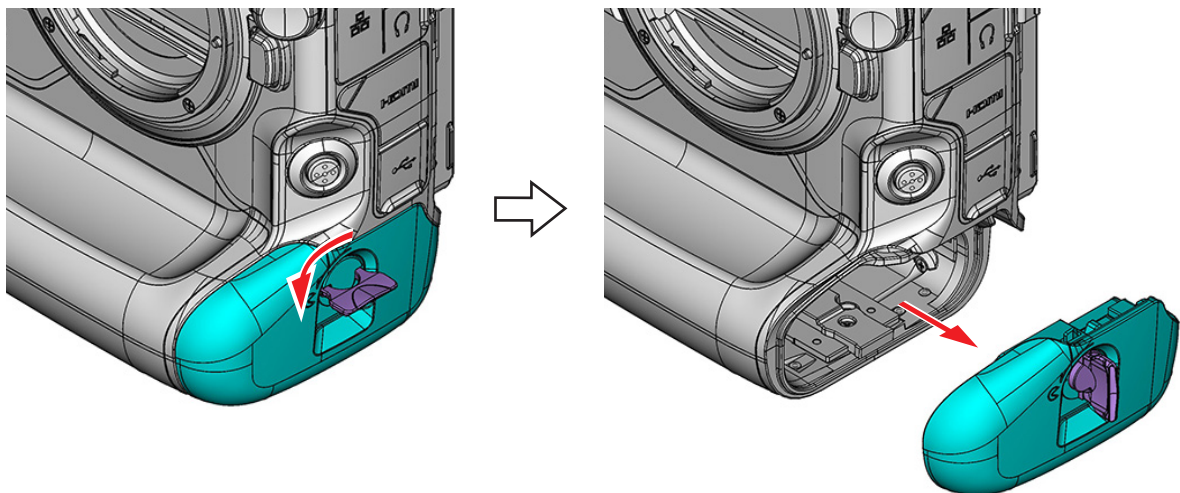
Disassembly

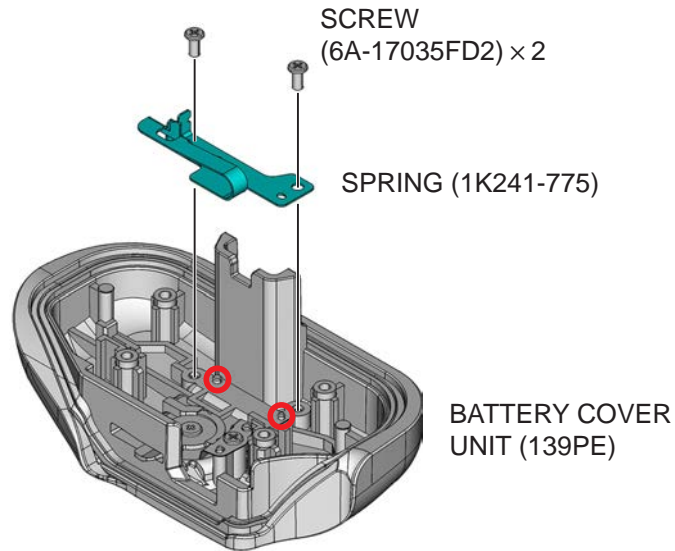
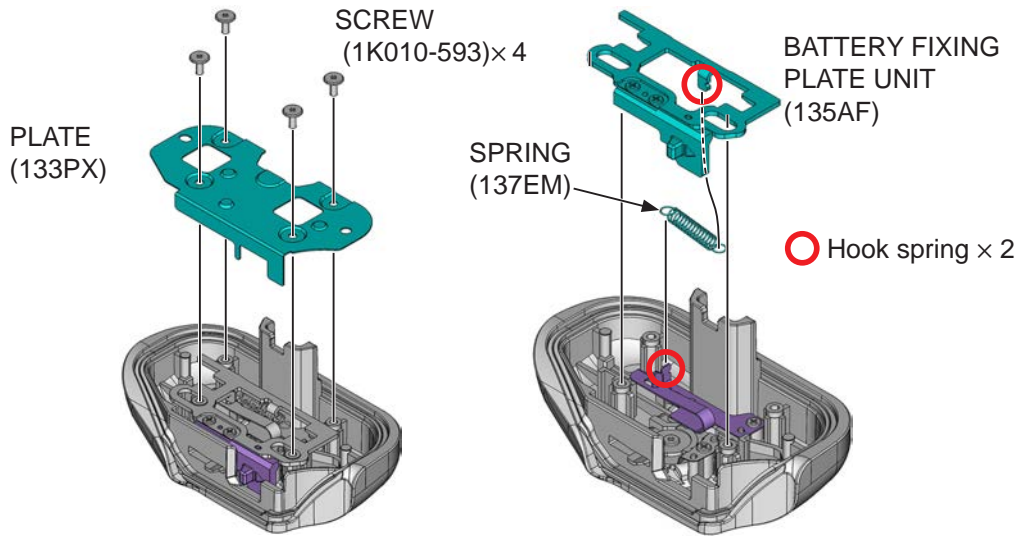
1. External parts

CABLE CLIP UNIT

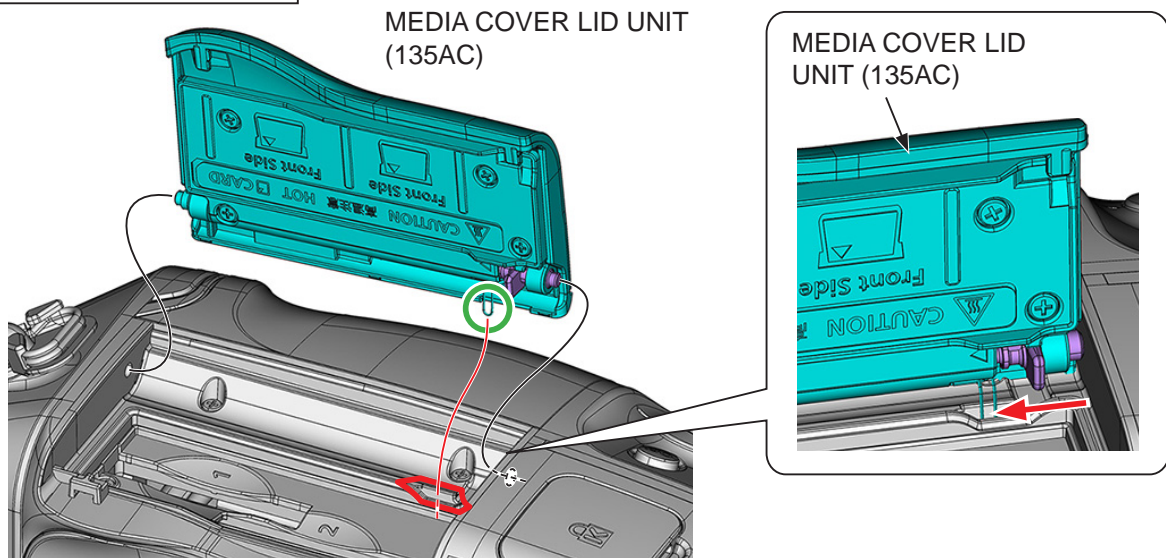


BATTERY COVER UNIT

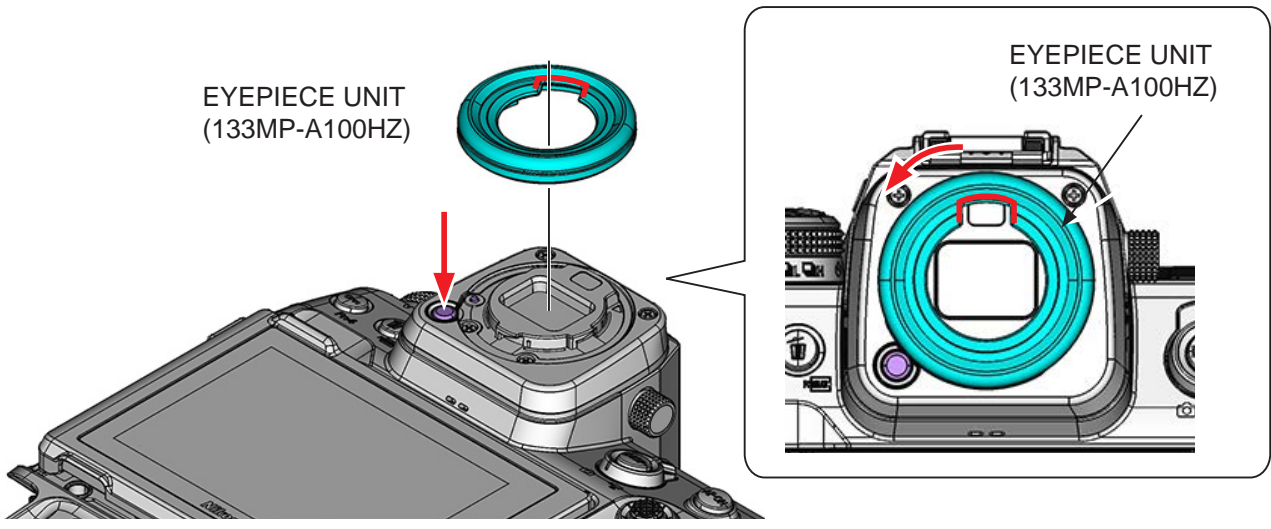




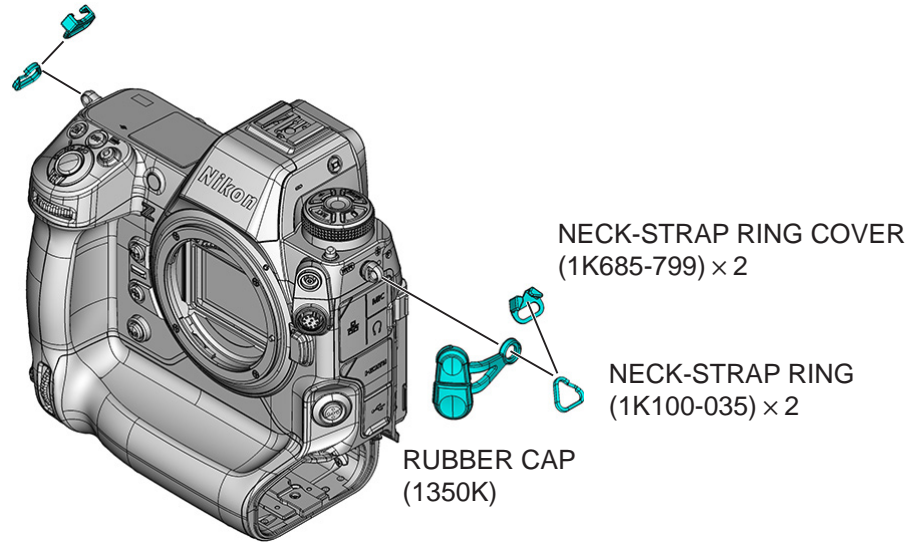
MEDIA COVER LID UNIT



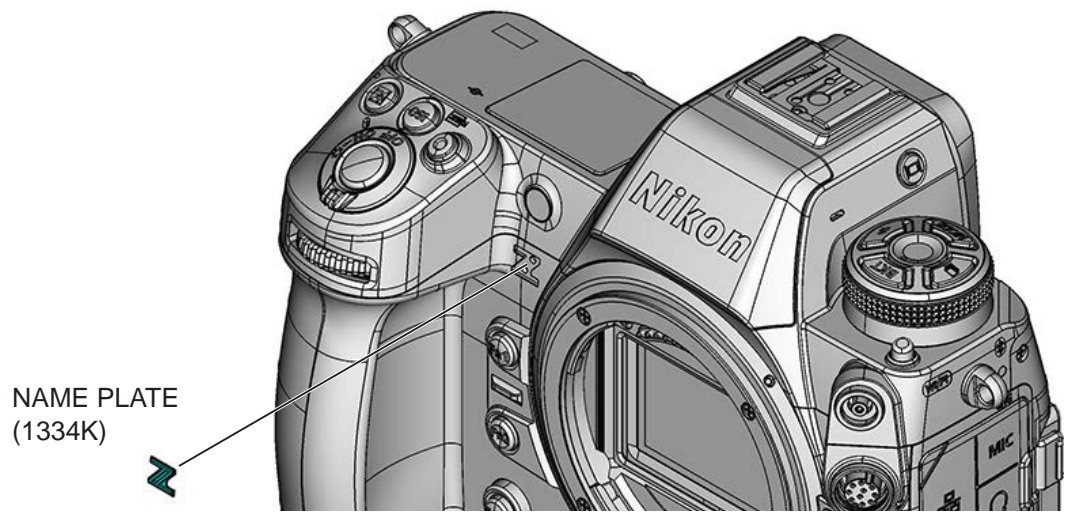
EYEPIECE UNIT

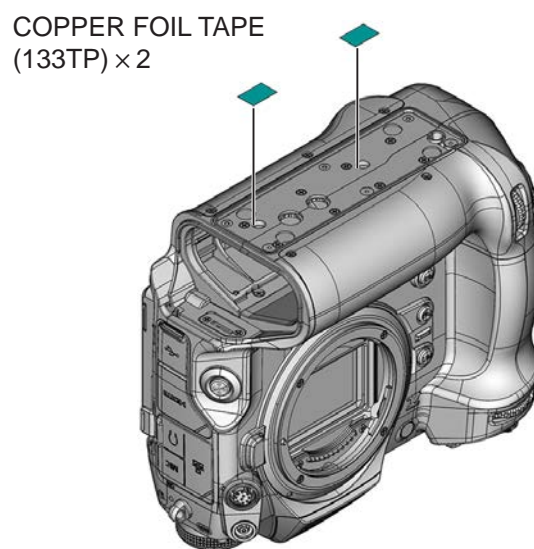
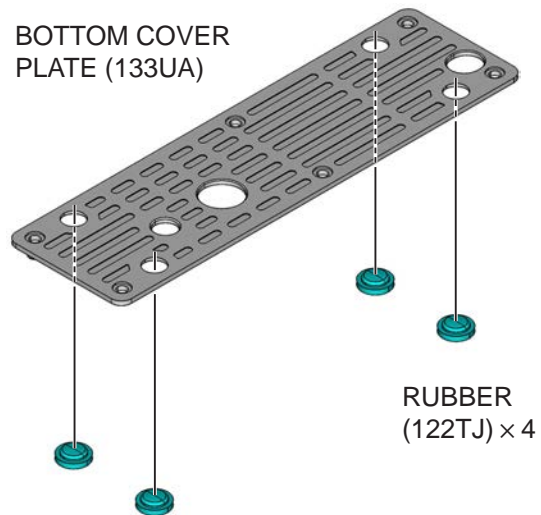
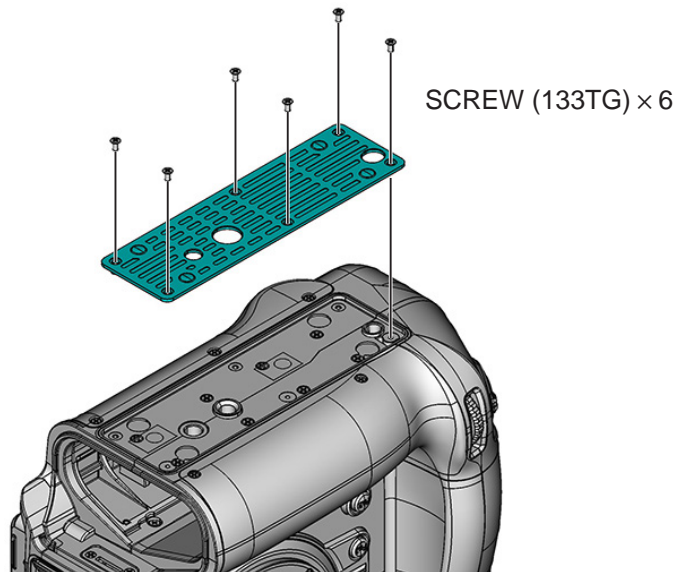


NECK-STRAP RING



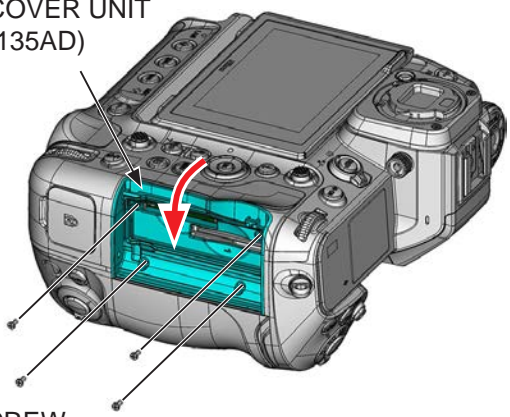
NAME PLATE



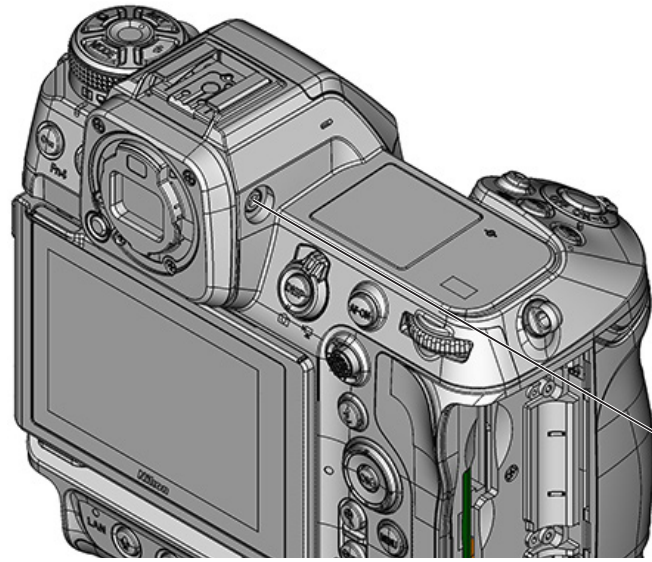
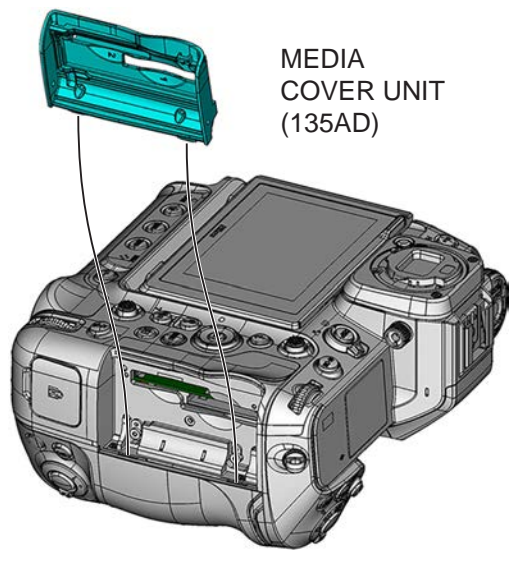


MEDIA
COVER UNIT
(135AD)

SCREW
(12H45) × 4



MEDIA
COVER UNIT
(135AD)

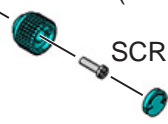


This is covered with DOUBLE STICK TAPE.
Apply ethyl alcohol and use a cutter or other
fine-tipped tool to remove it. Be careful not to
scratch it with the cutter.

DIOPTER ADJUSTMENT
KNOB (127MU)

SCREW (H1-17060FD2)

DIOPTER ADJUSTMENT
KNOB COVER (12G7R)



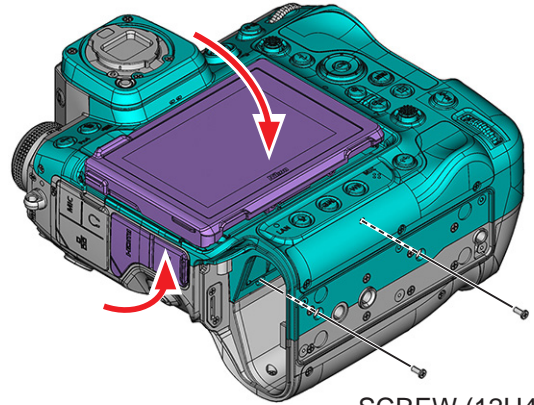
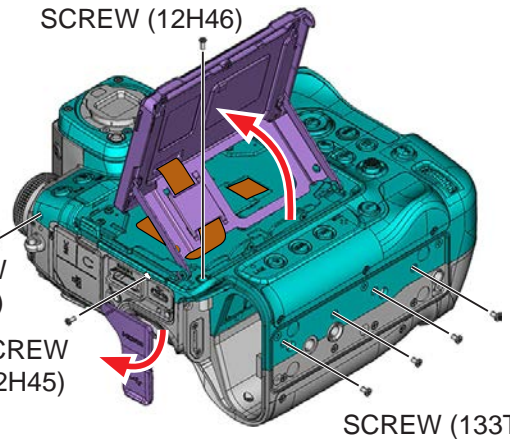
REAR COVER UNIT

SCREW (12H46)

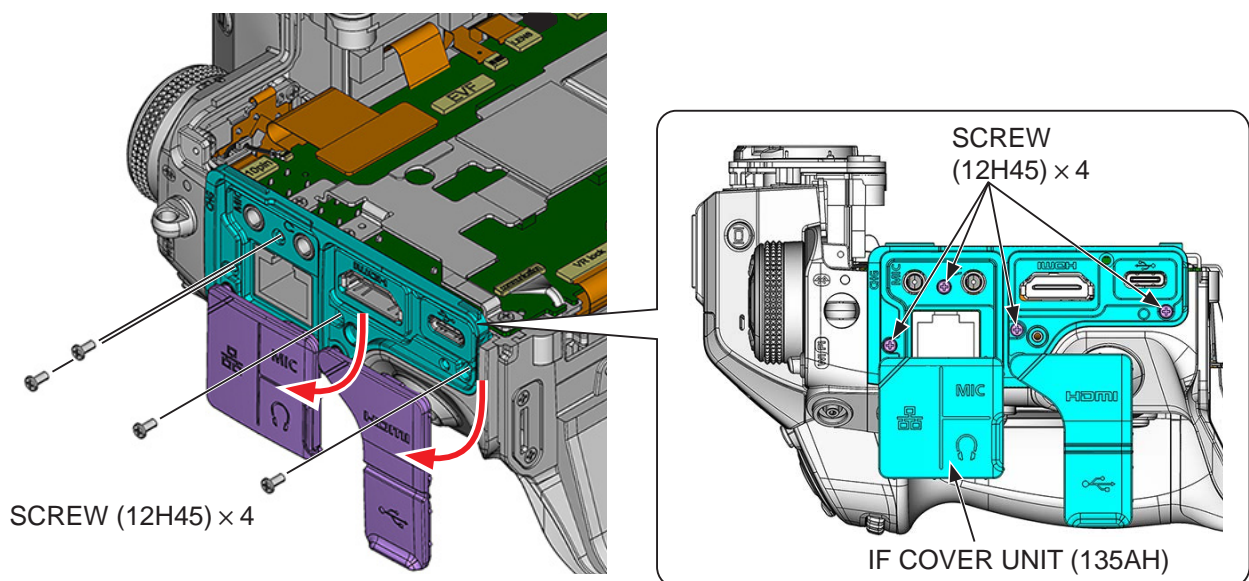
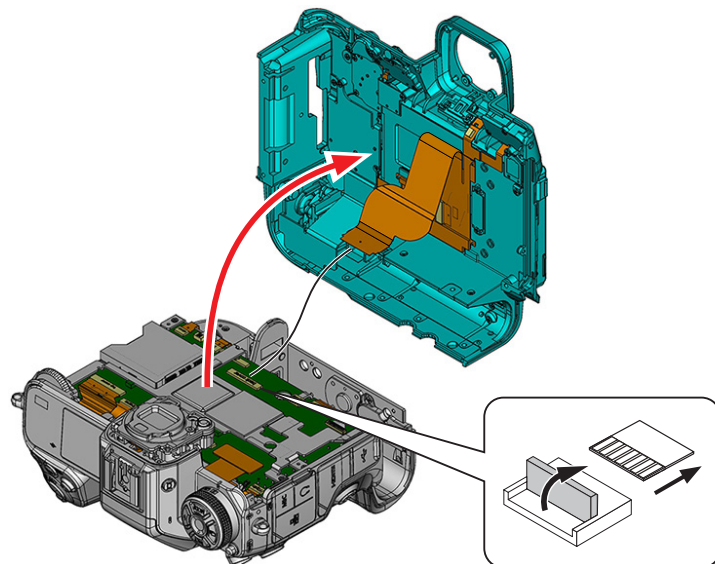
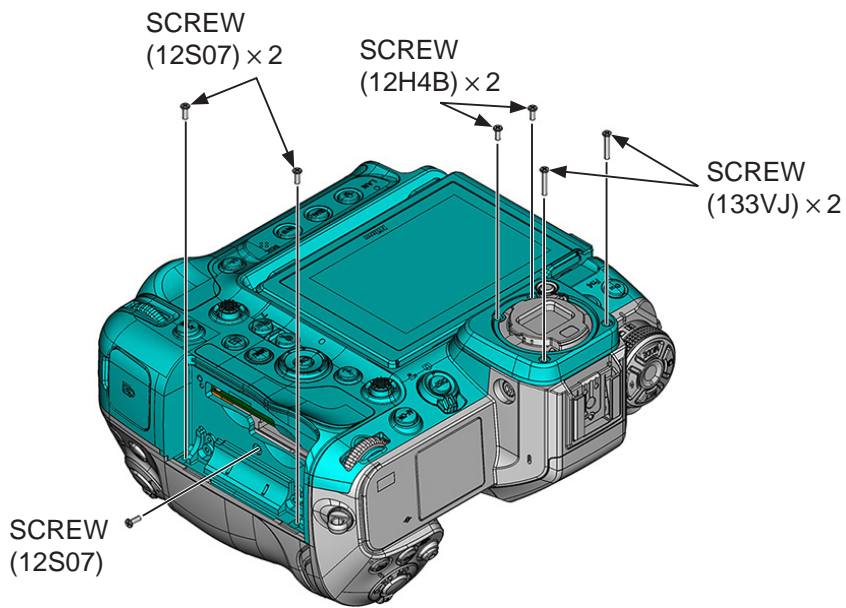
SCREW
(12H46)

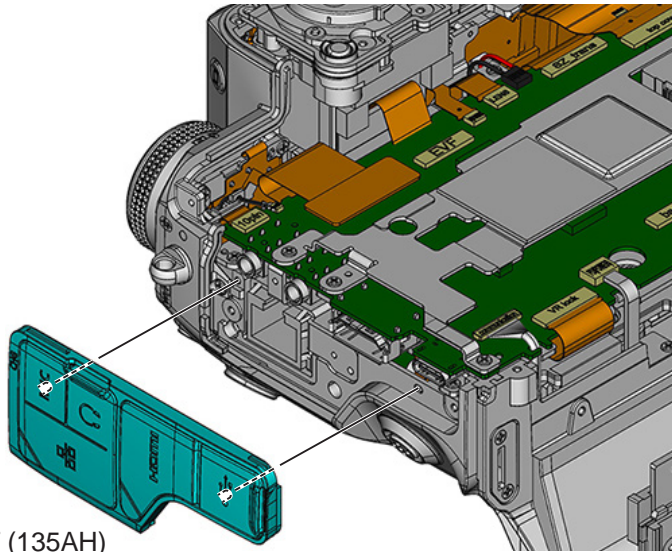
SCREW
(12H45)

SCREW (133TY) × 4



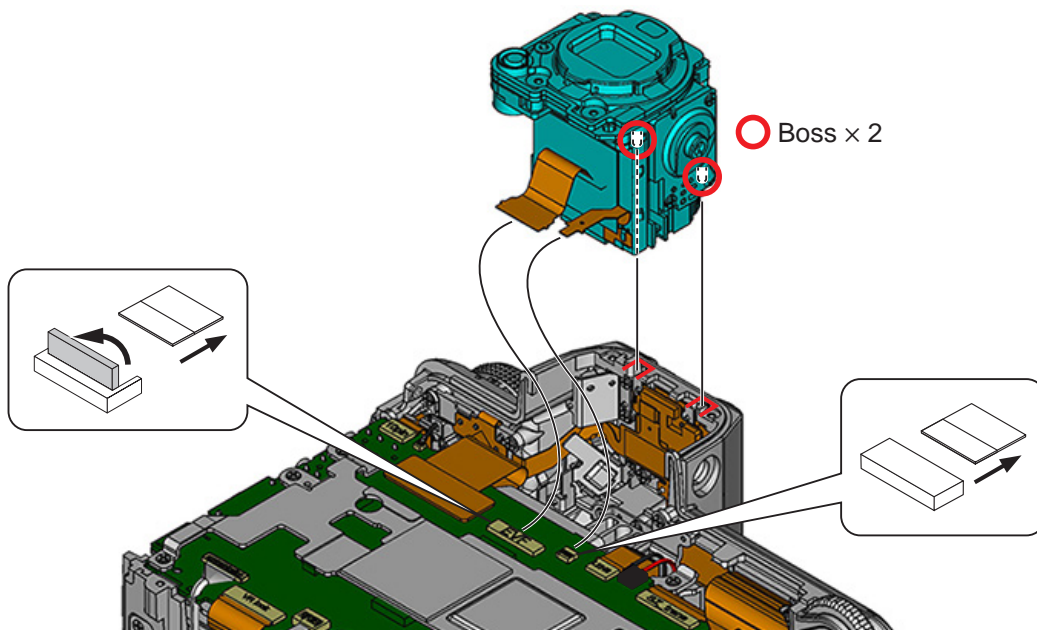
SCREW (12H48) × 2

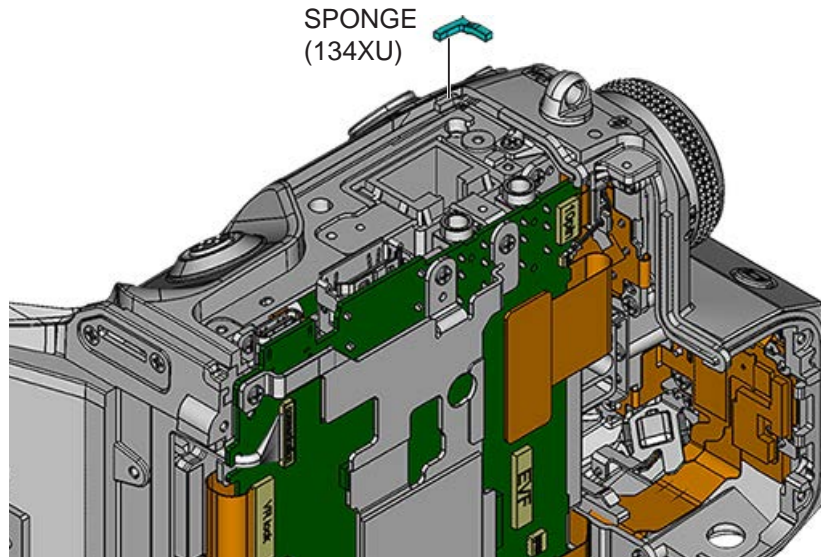




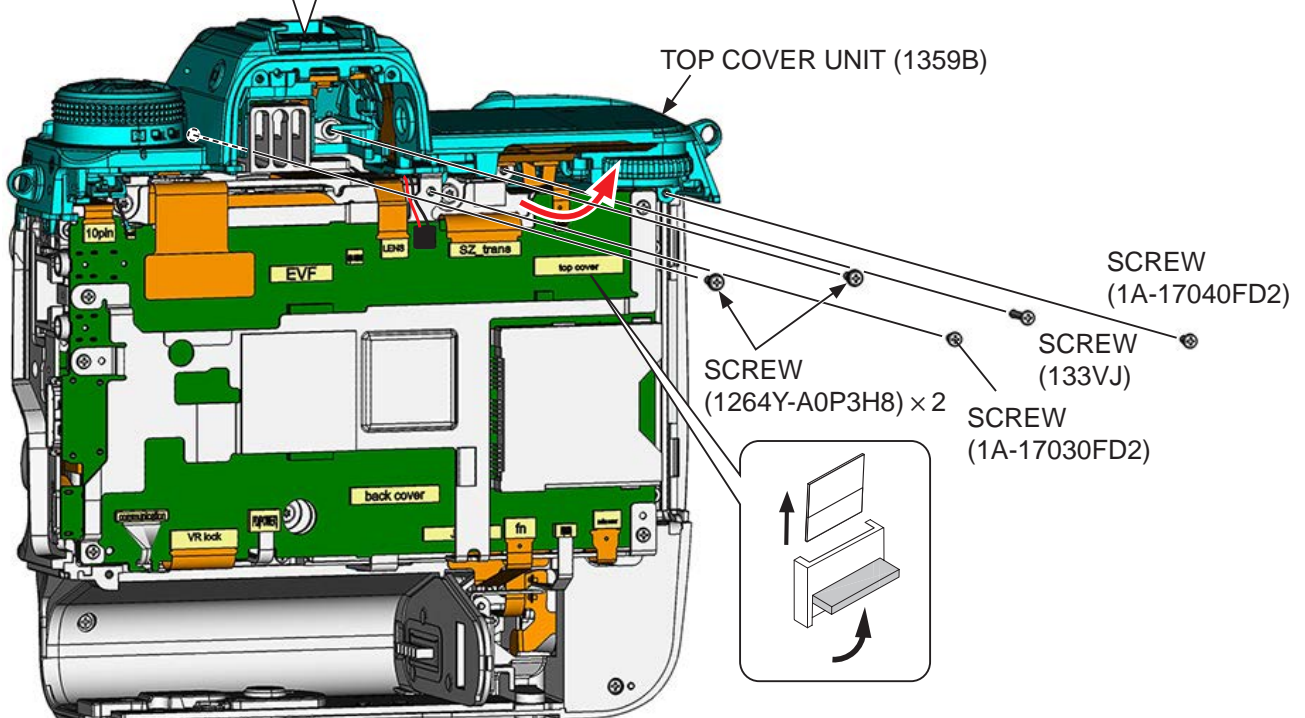
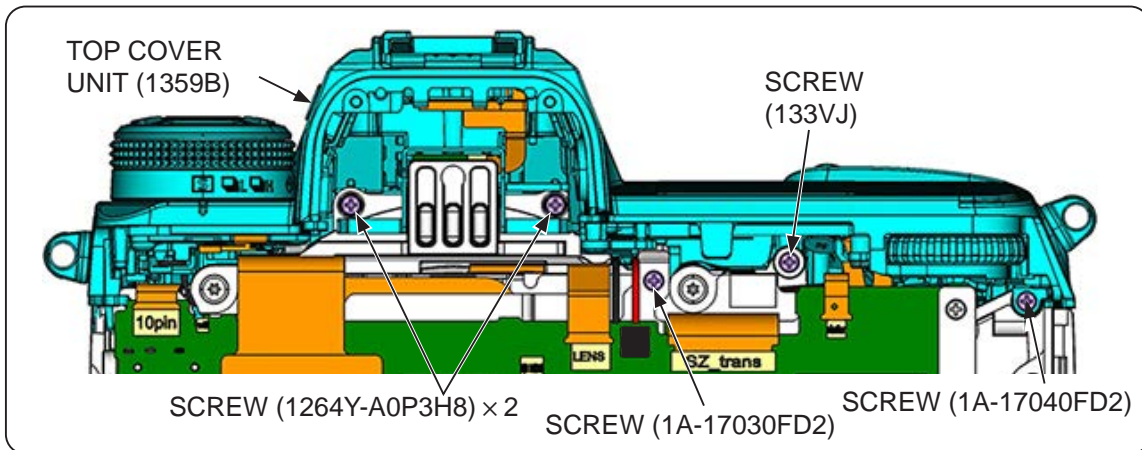
IF COVER UNIT (135AH)

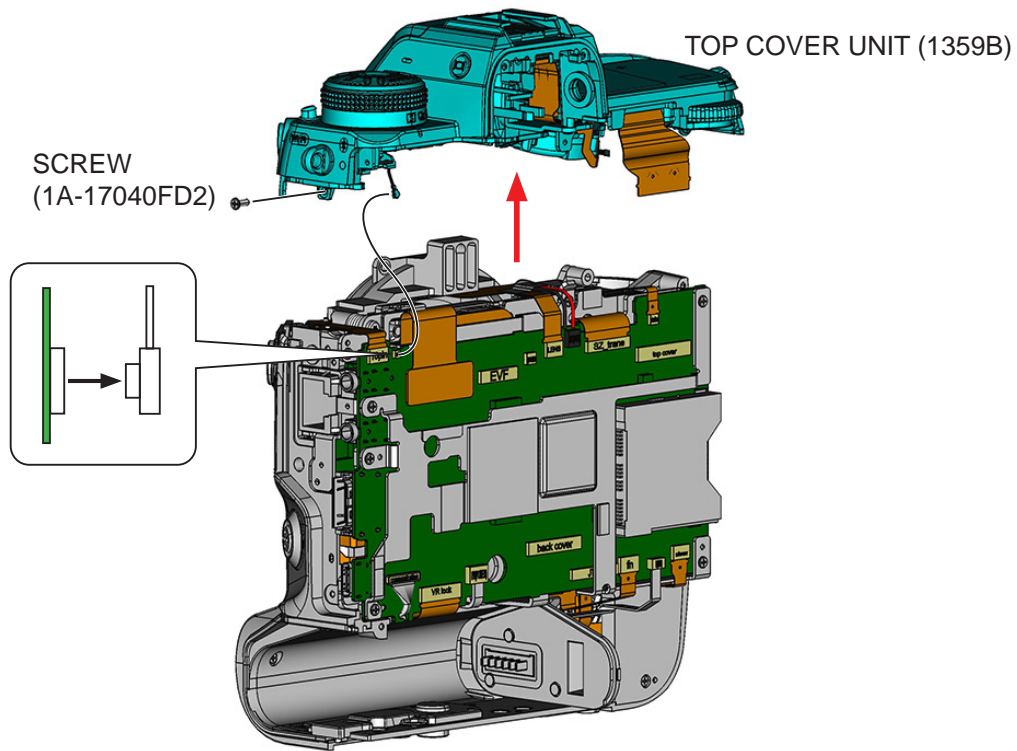
EVF UNIT



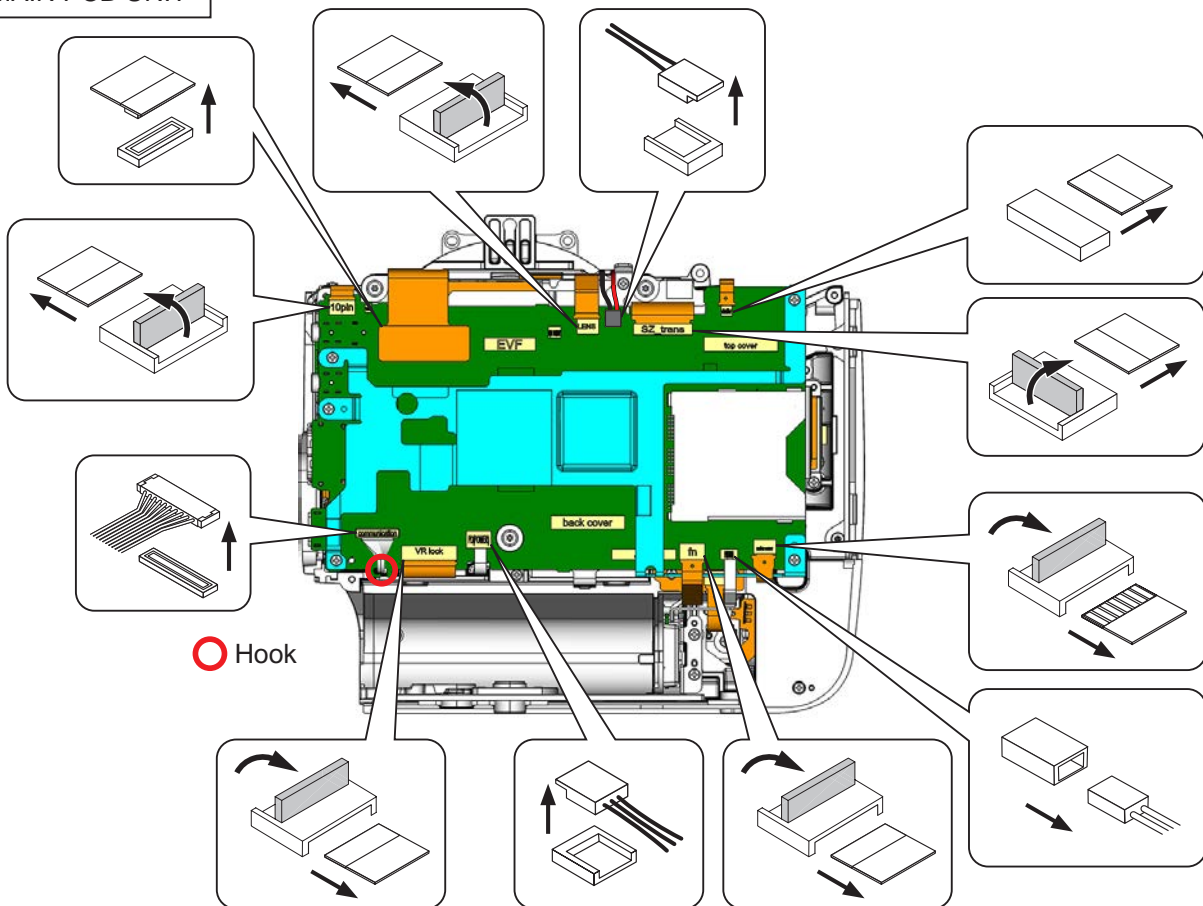


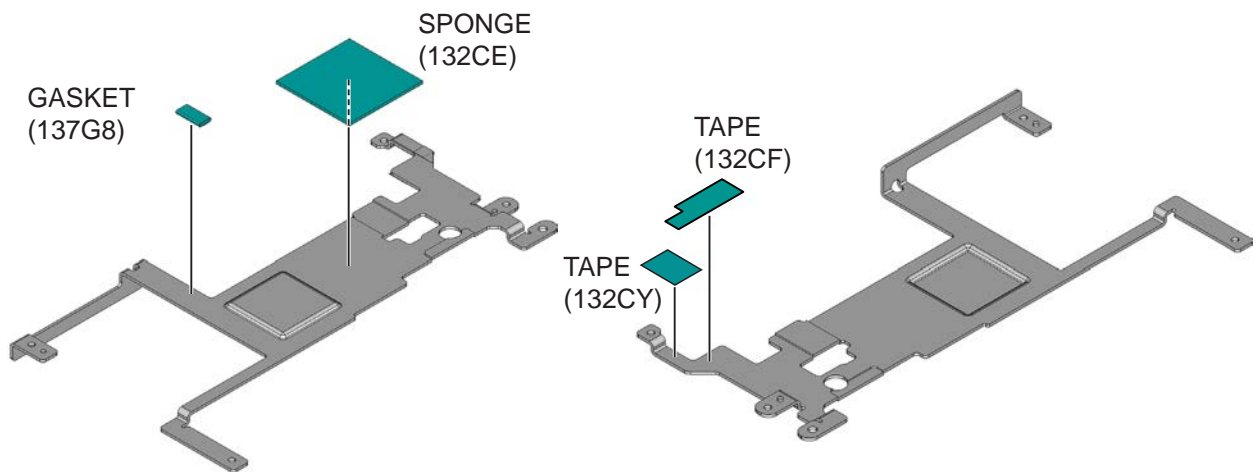
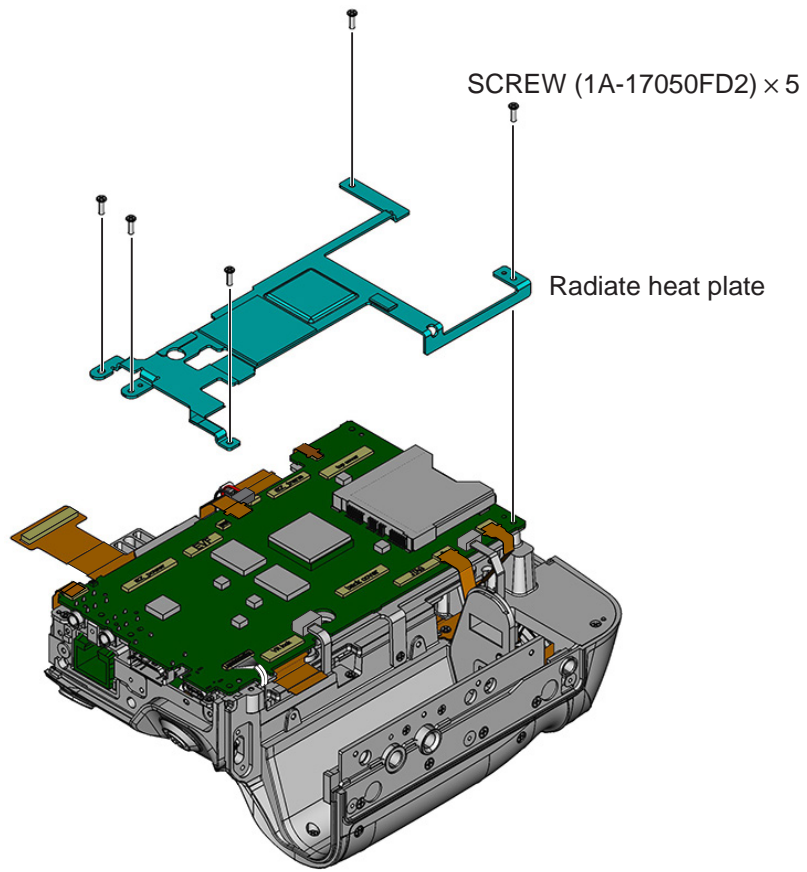
TOP COVER UNIT

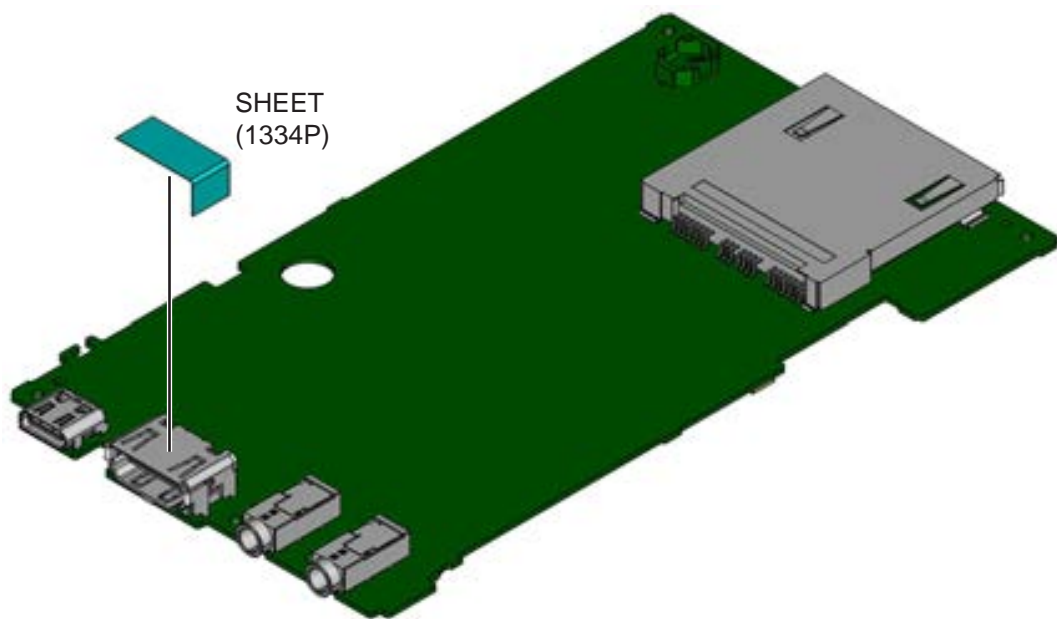
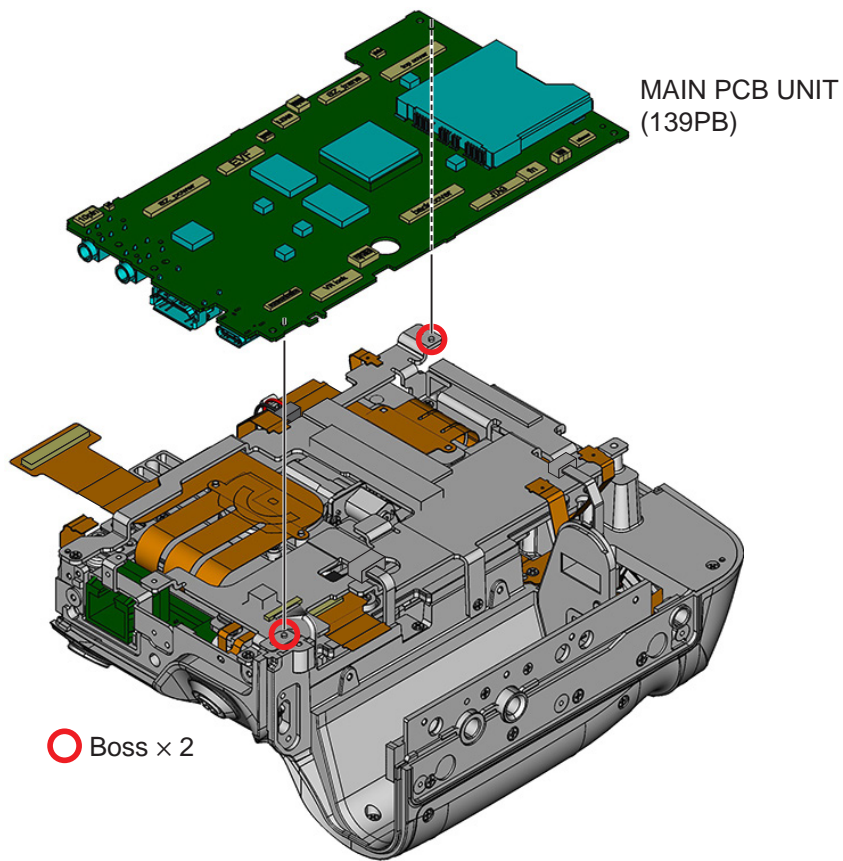


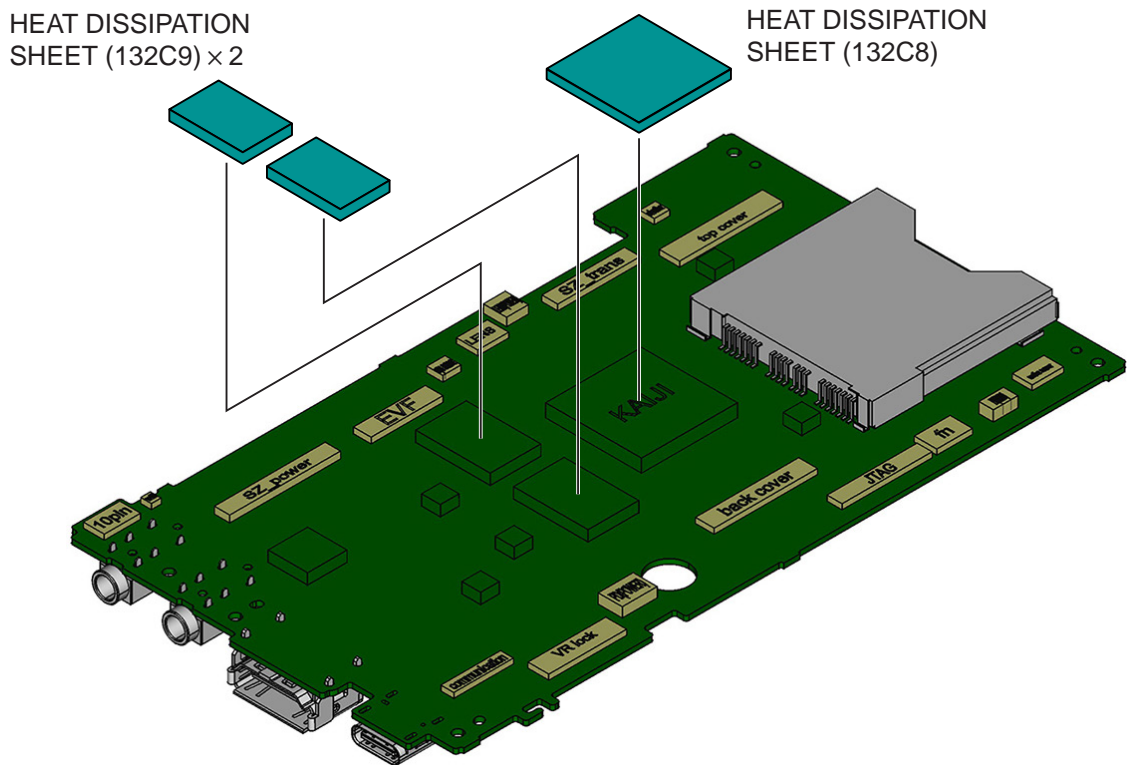
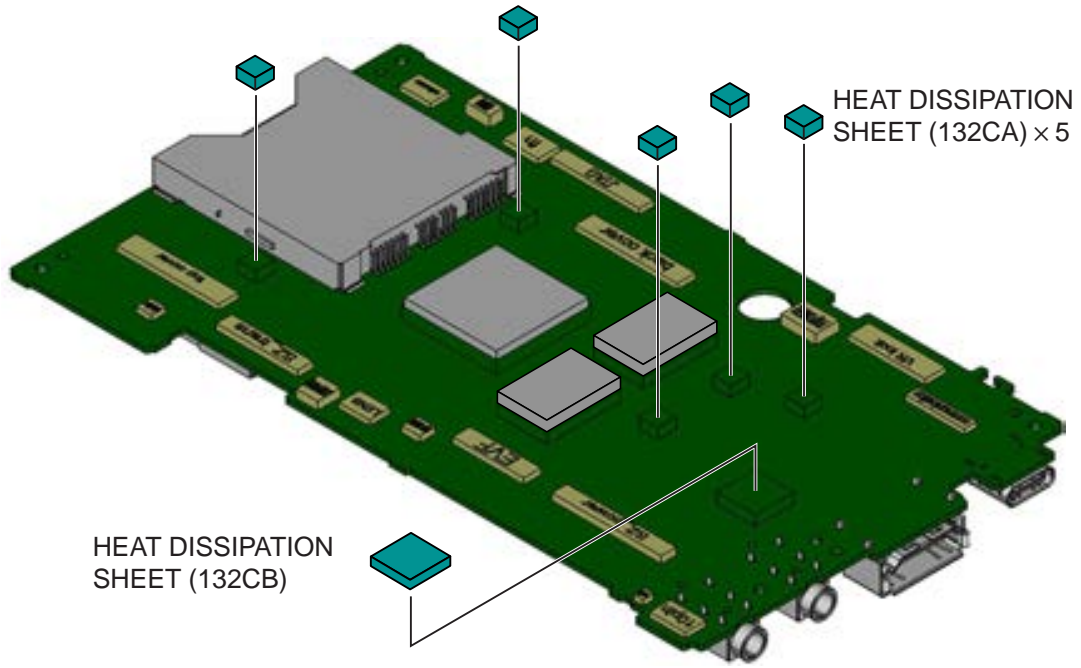


MAIN PCB UNIT



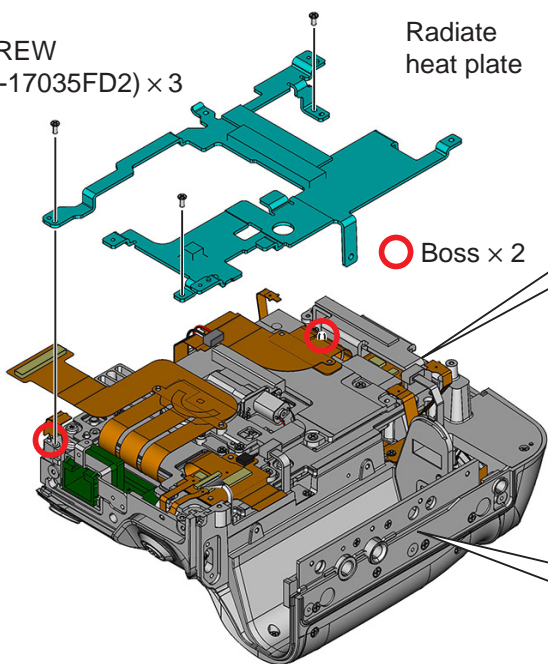




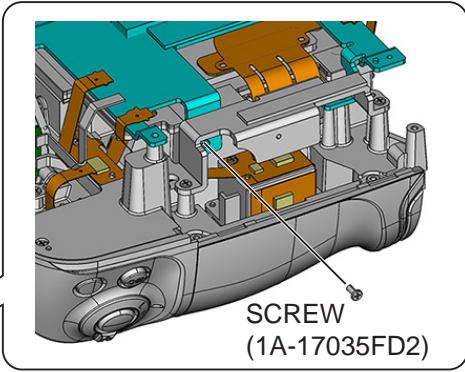


SCREW
(1A-17035FD2) × 3

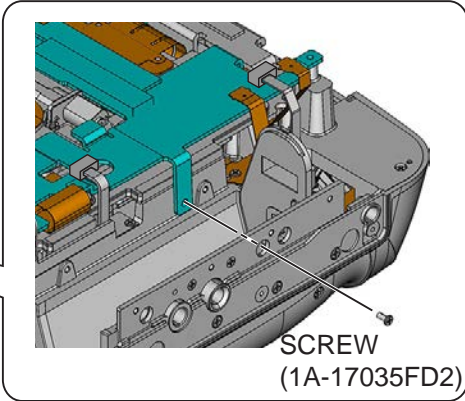
Radiate
heat plate



○ Boss × 2



SCREW
(1A-17035FD2)

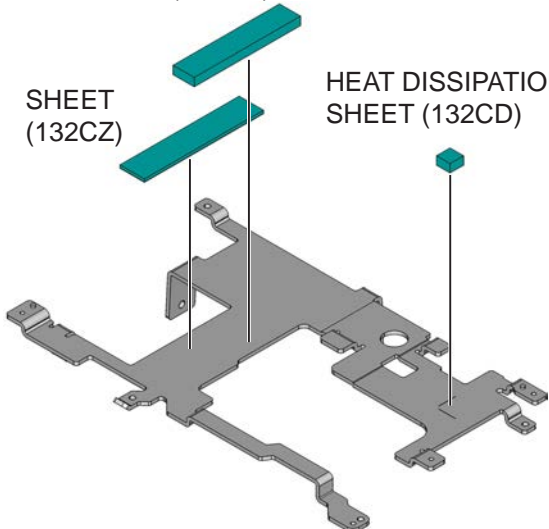


SCREW
(1A-17035FD2)

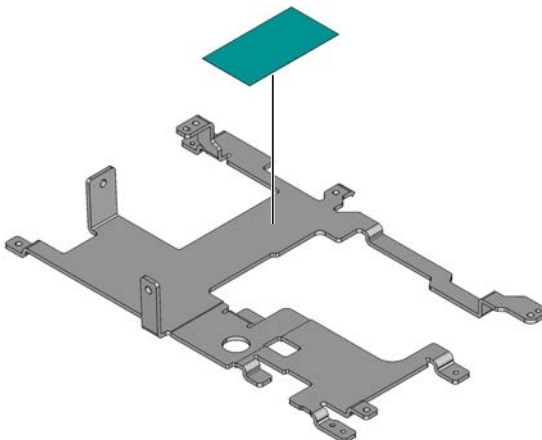
HEAT
DISSIPATION
SHEET (132CC)

SHEET
(132CZ)

HEAT DISSIPATION
SHEET (132CD)

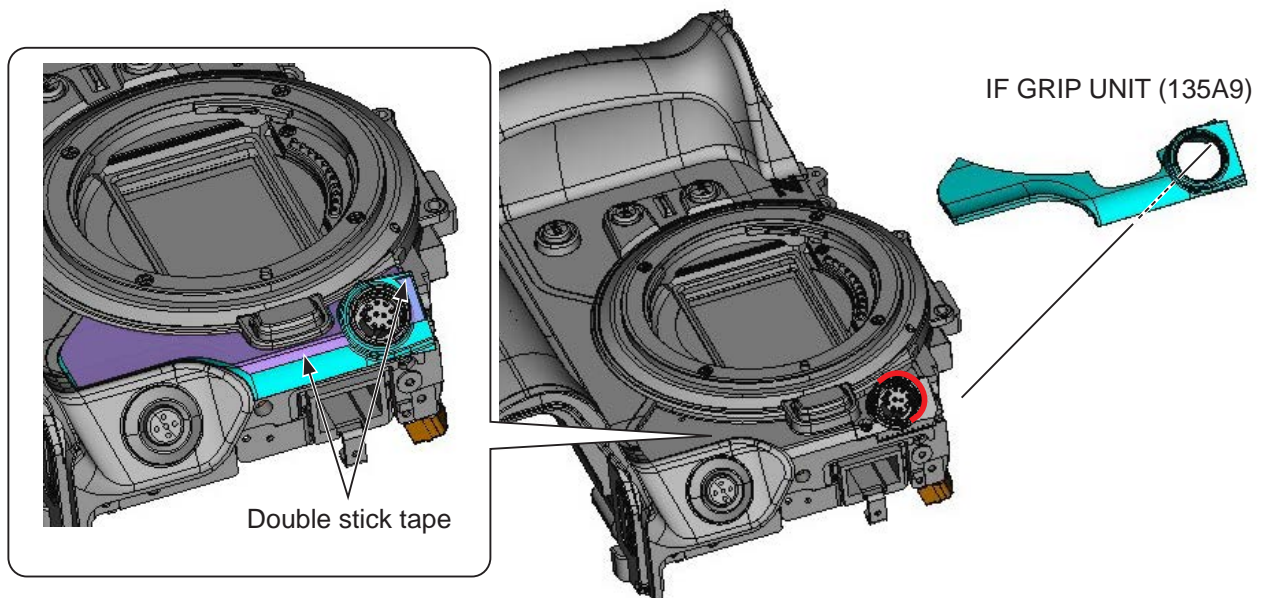
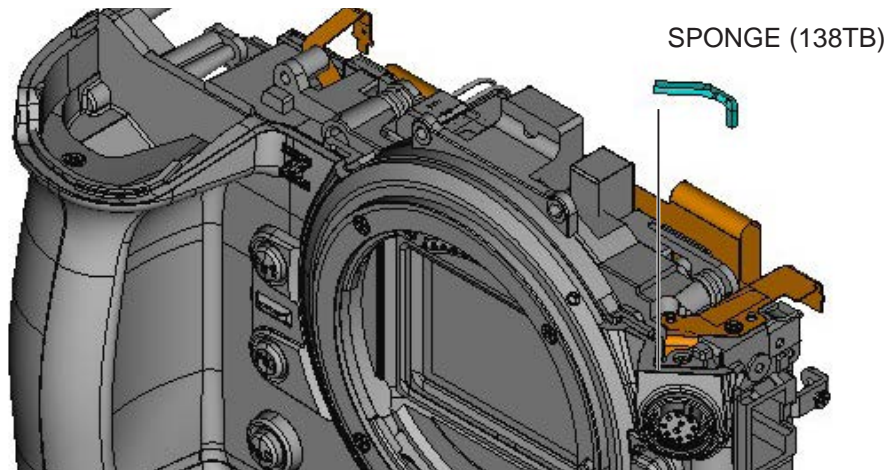


INSULATION
TAPE (132DC)

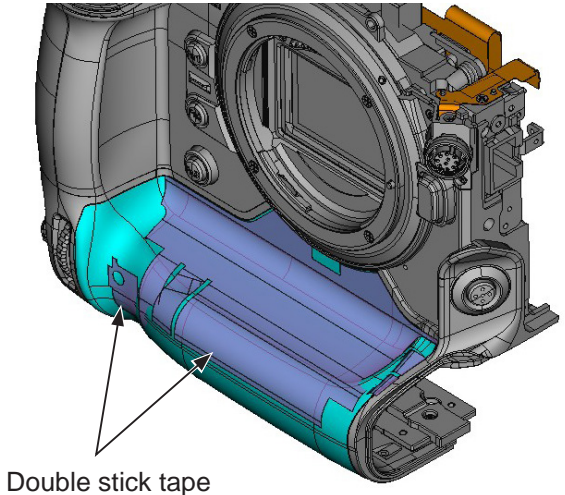
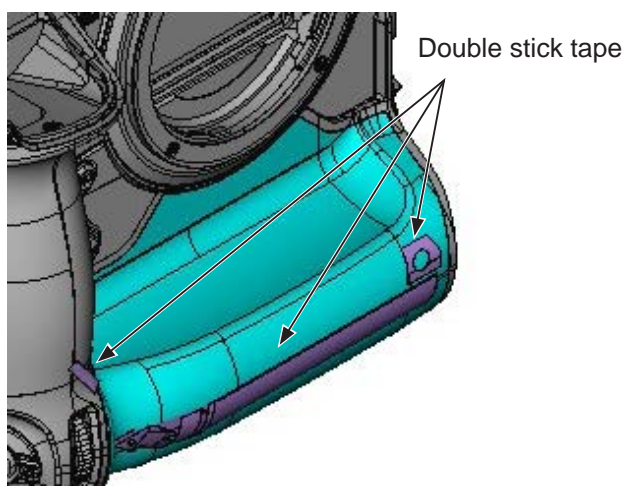
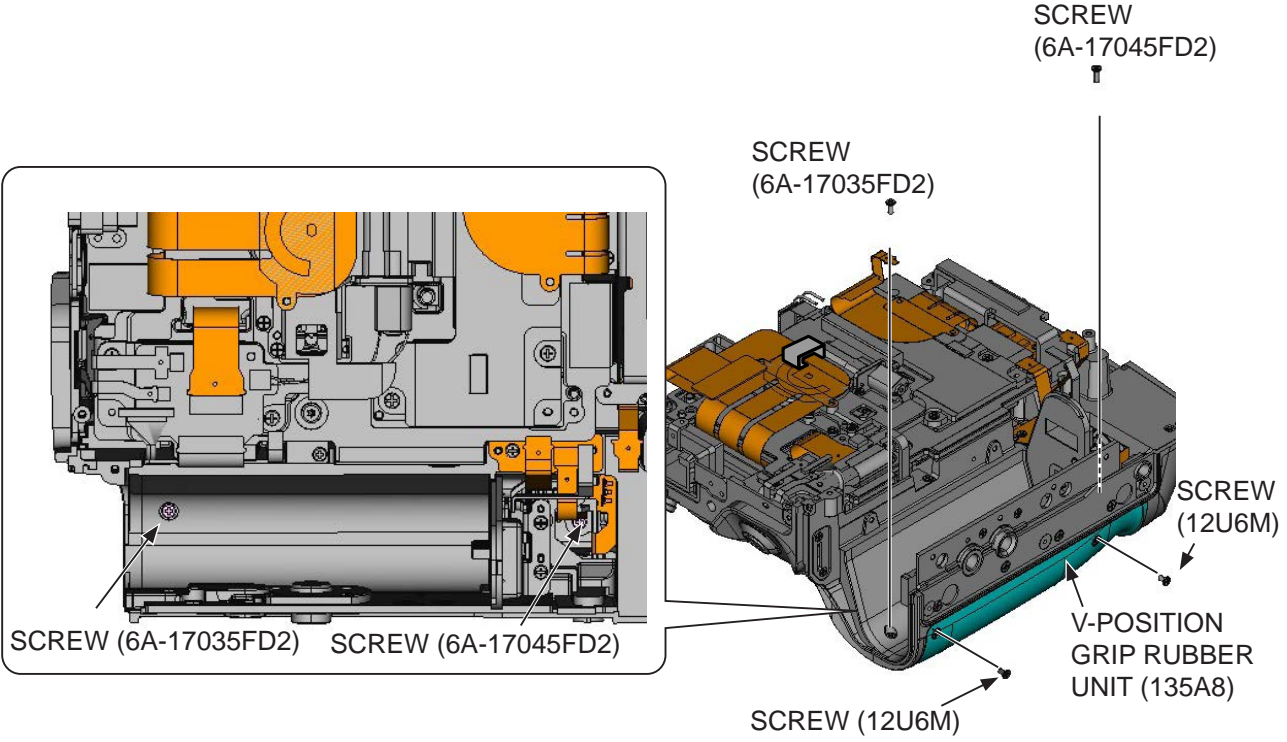


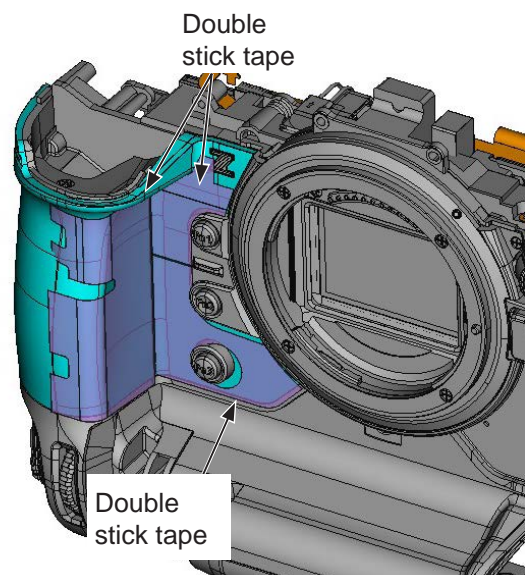
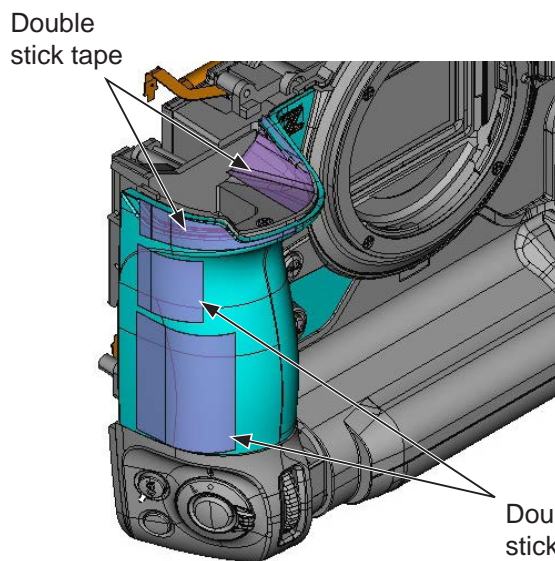
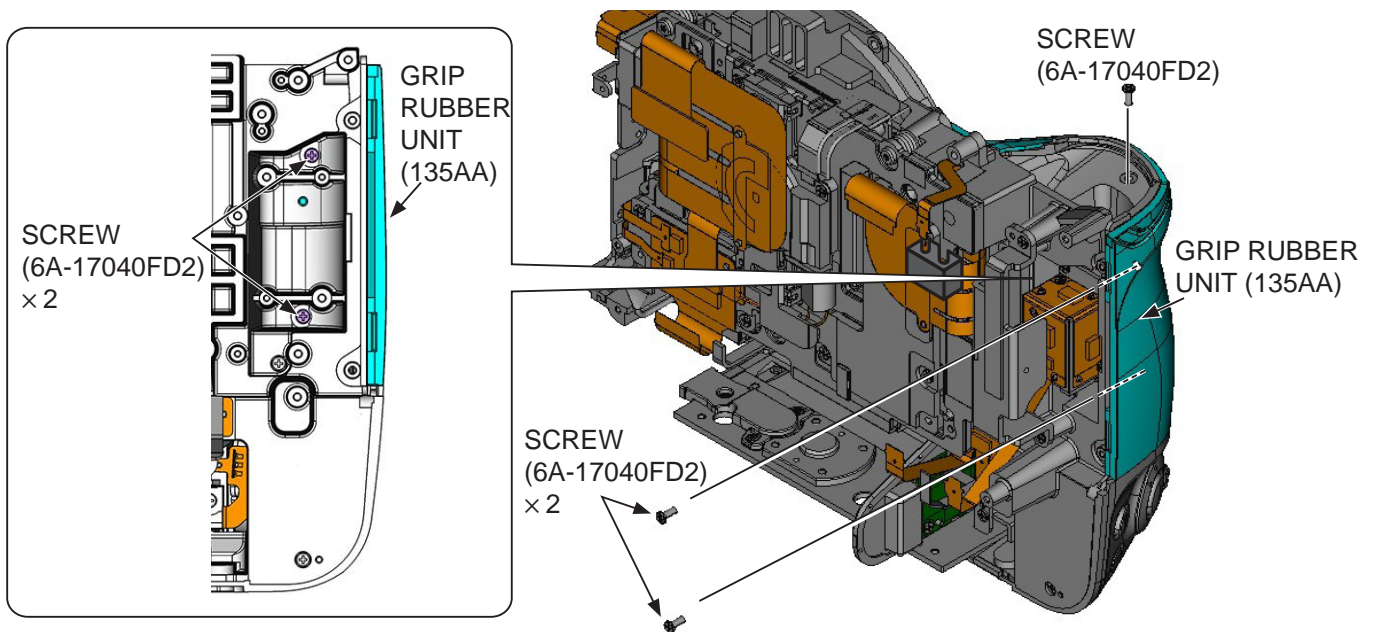
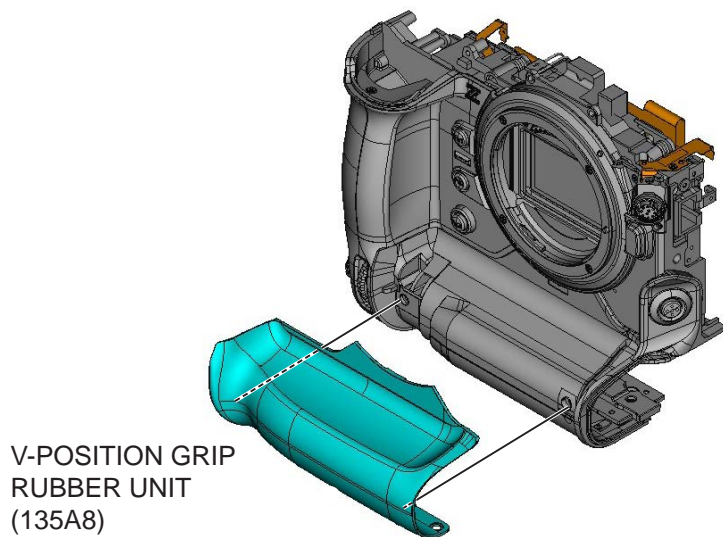
2. Front body

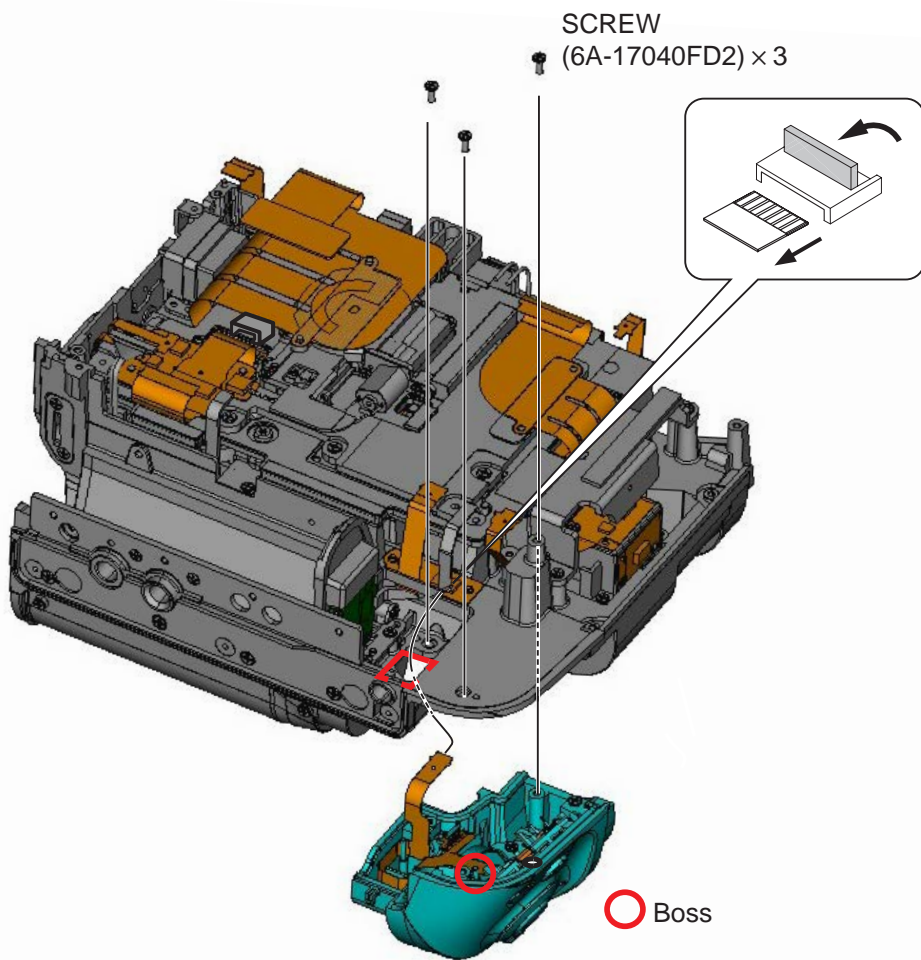
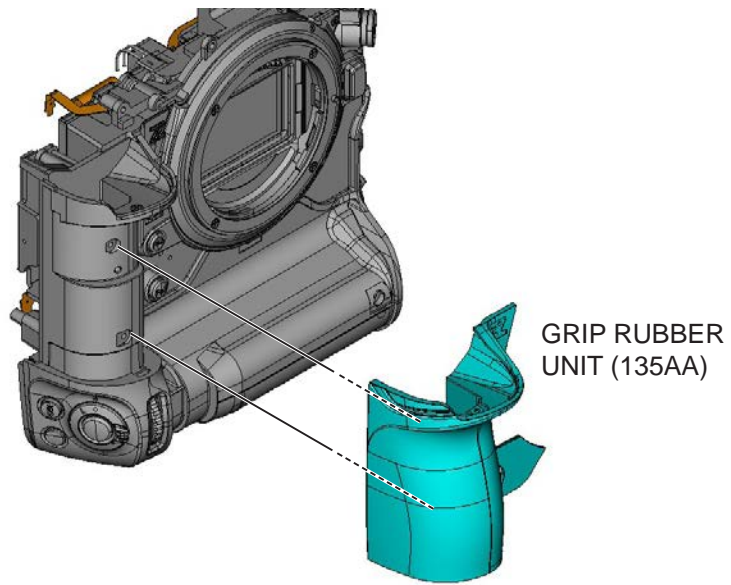
SHADING UNIT

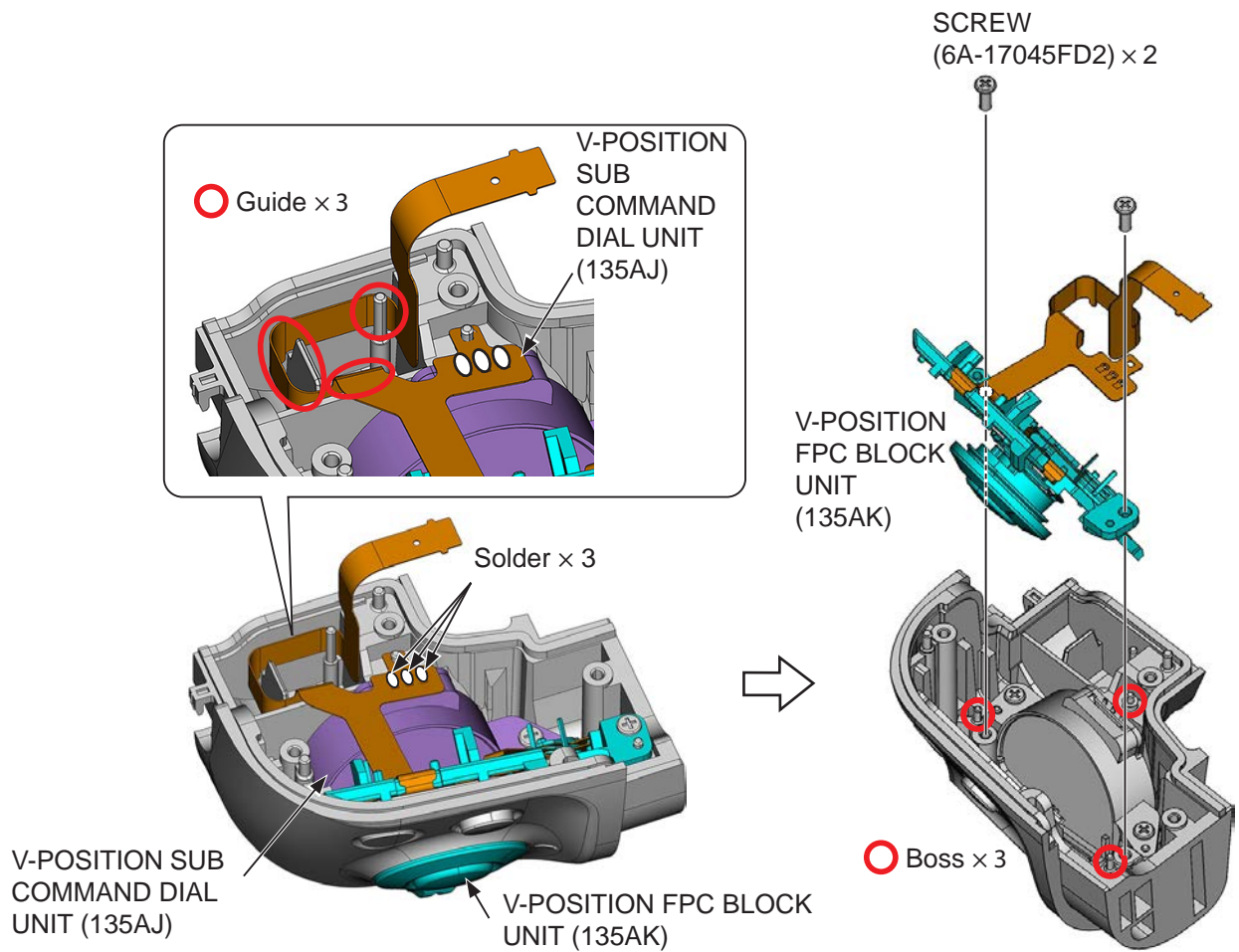


GRIP RUBBER UNIT

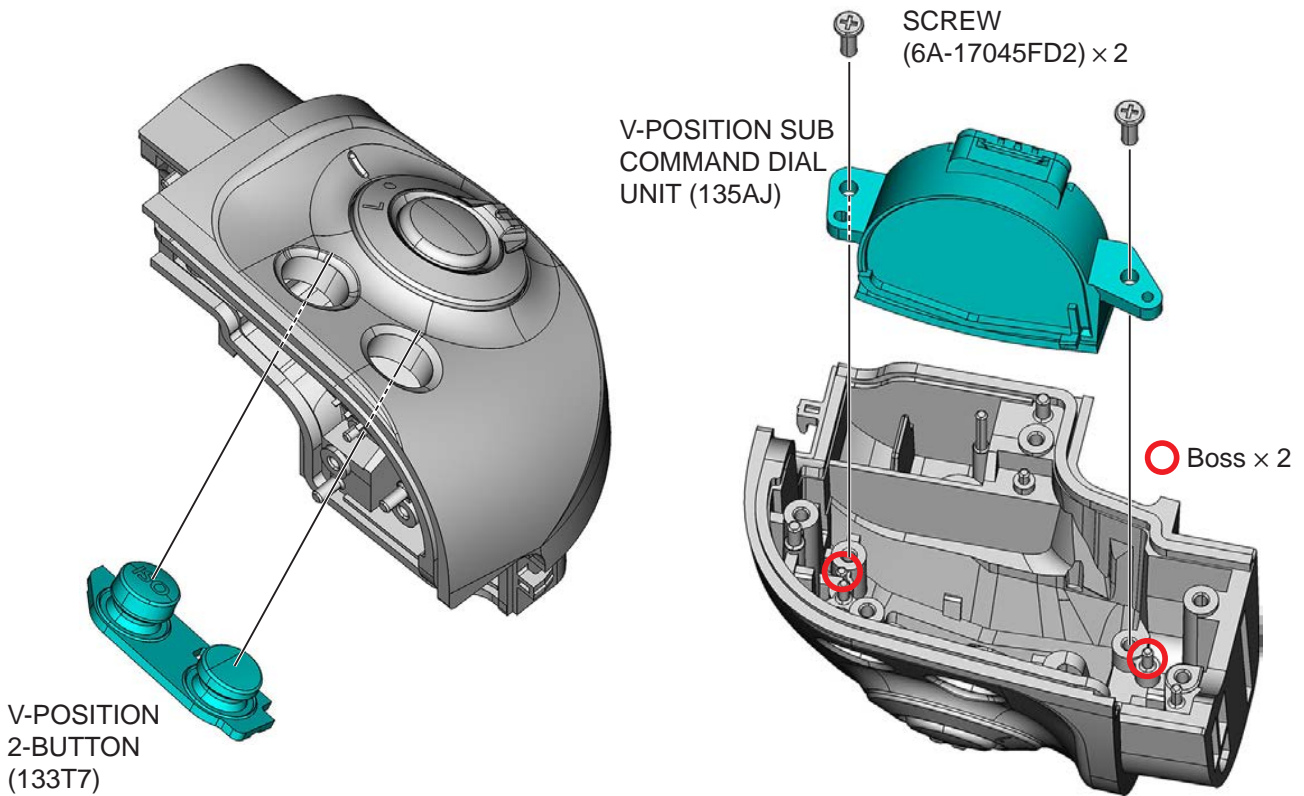


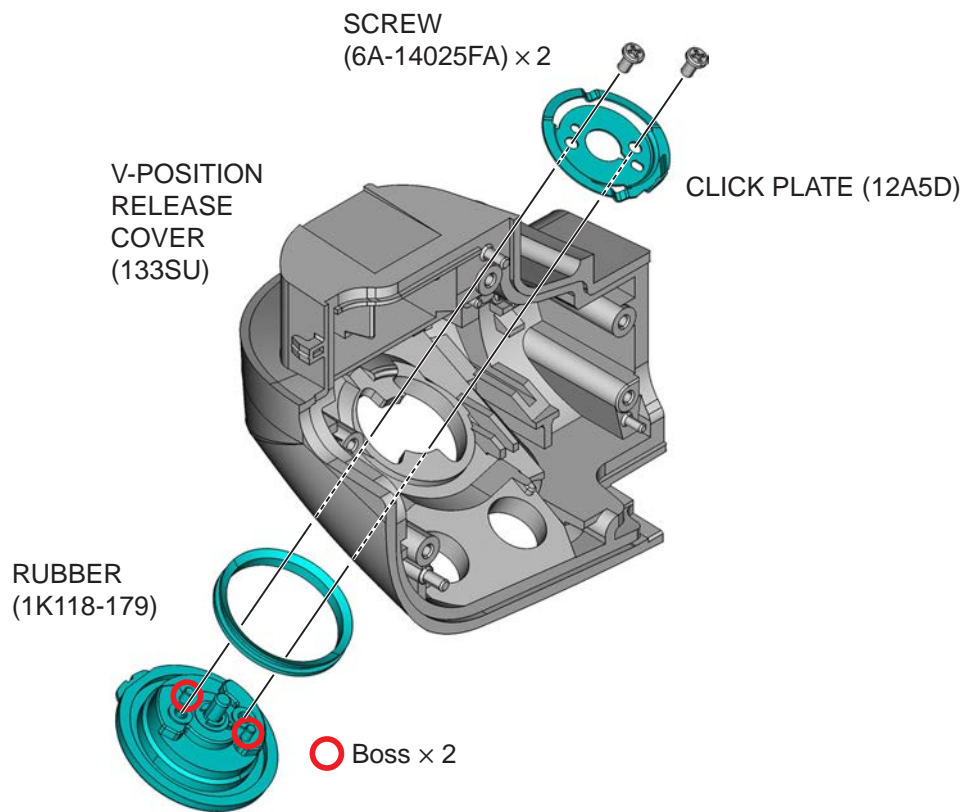
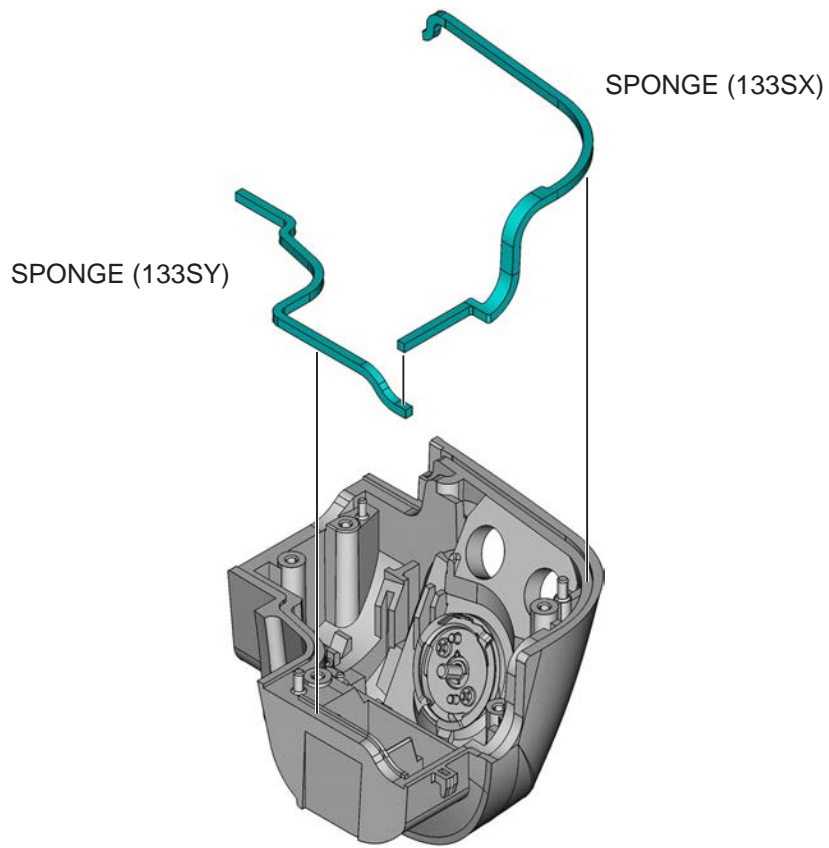




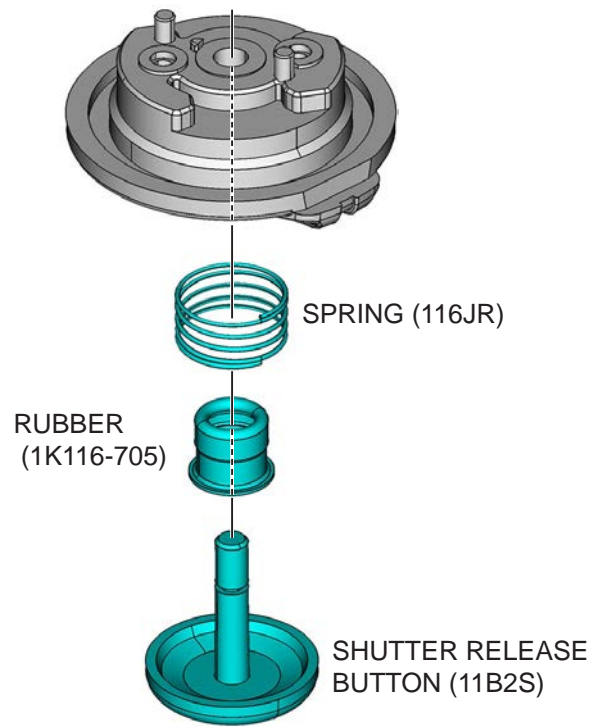
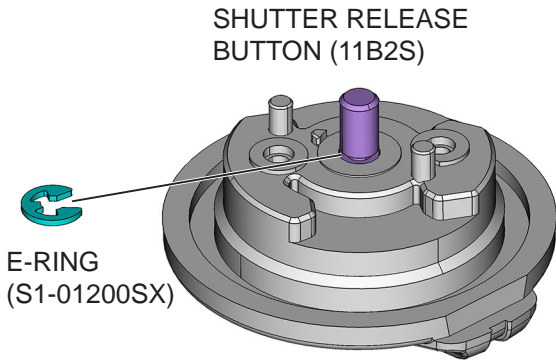


V-POSITION SUB COMMAND DIAL UNIT

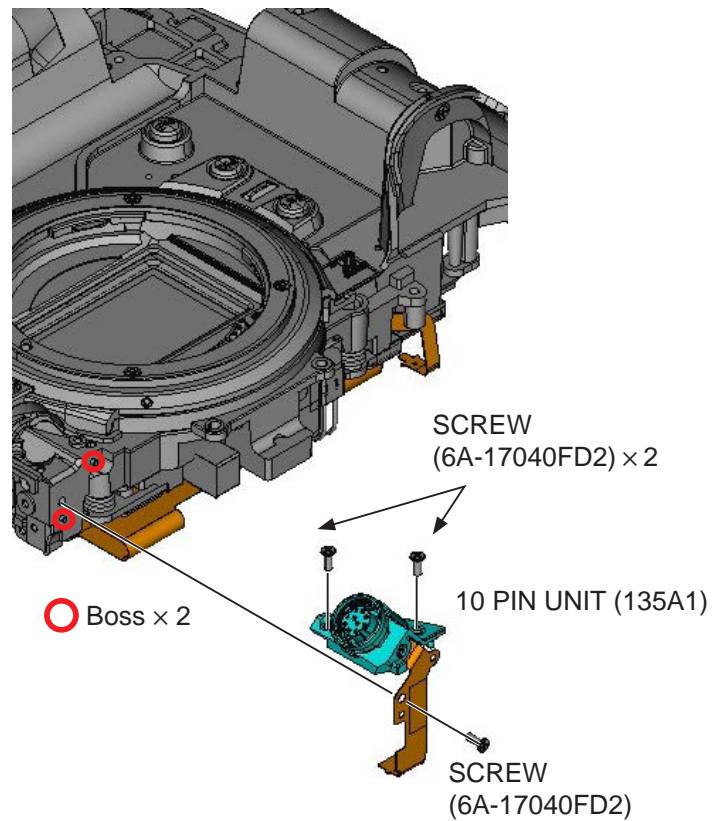
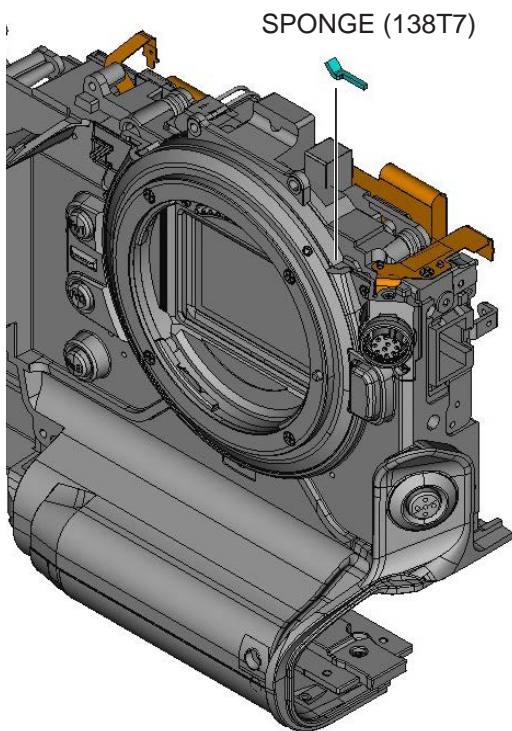




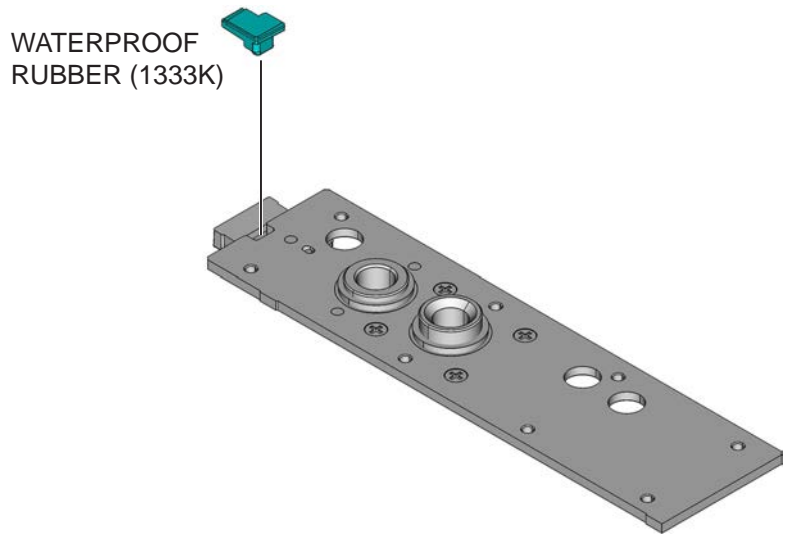
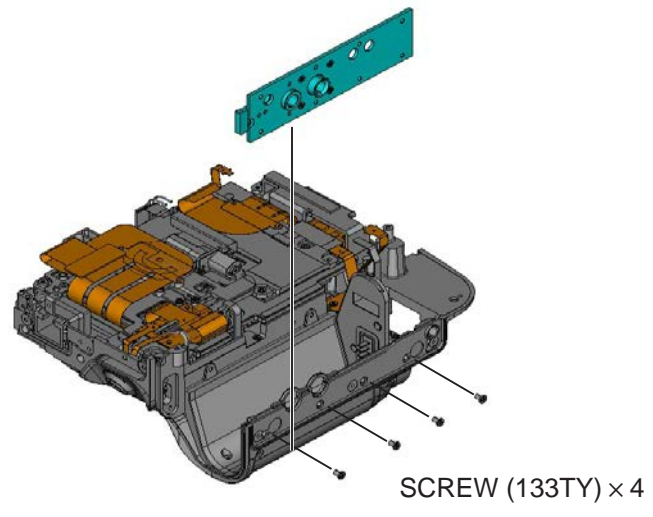
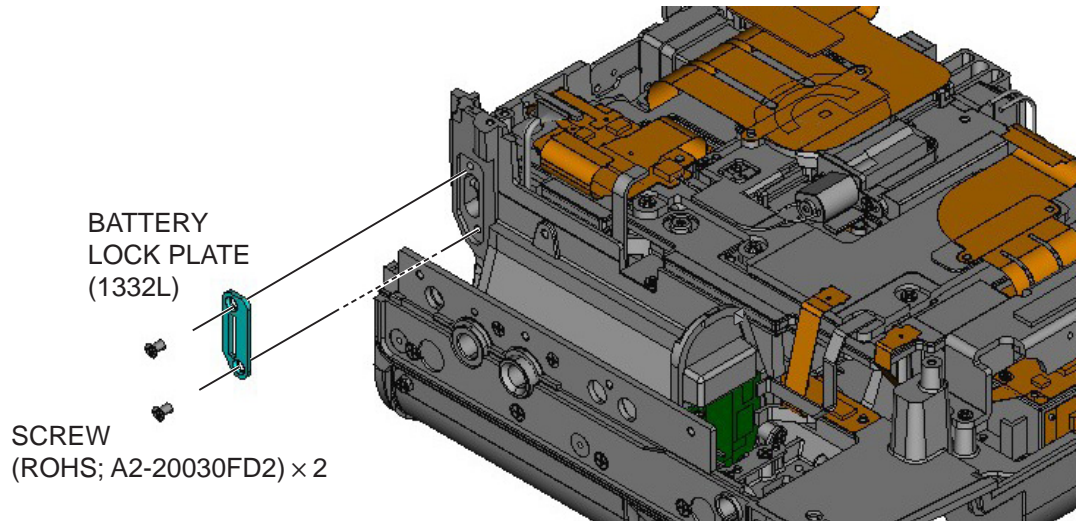
V-POSITION LOCK LEVER MOLD (133T2)



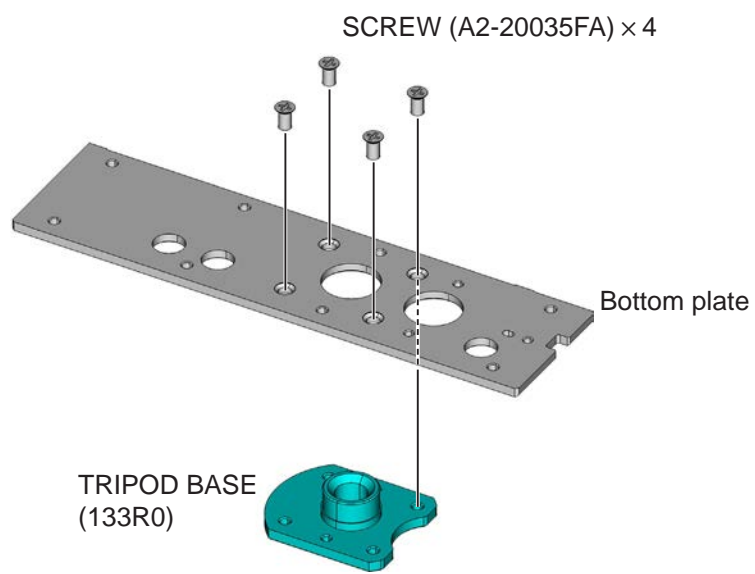
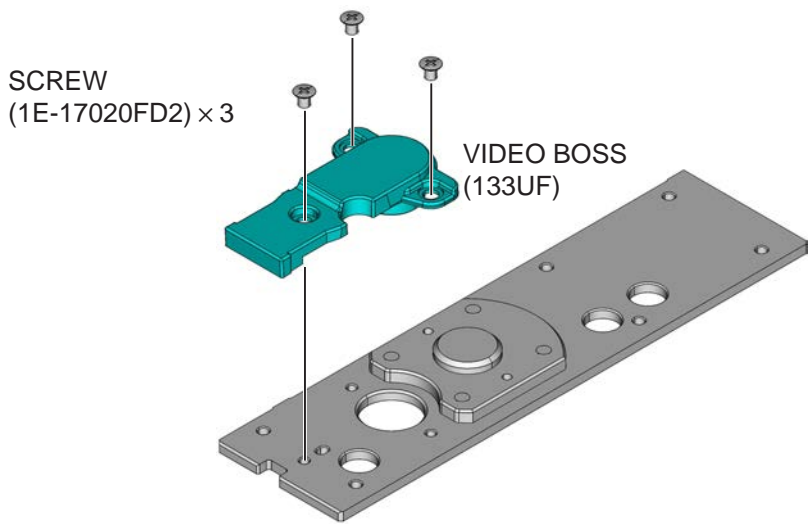
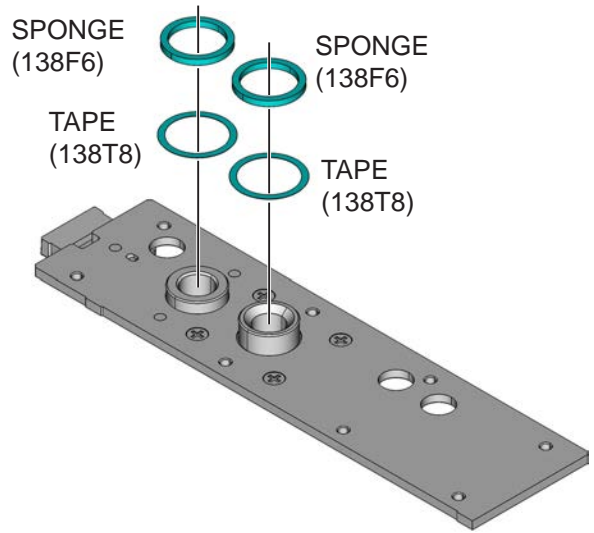
BAYONET MOUNT



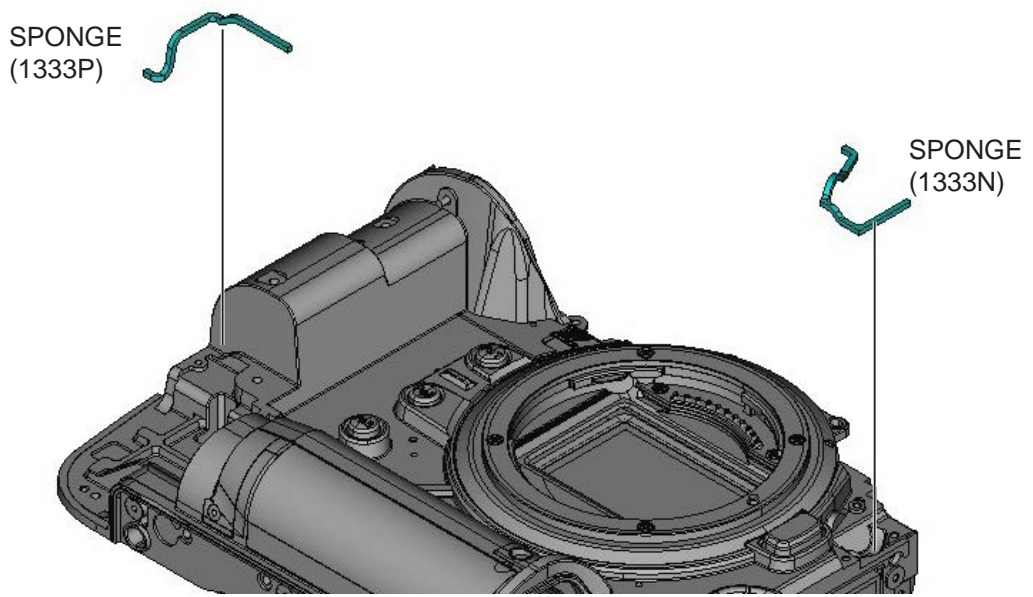
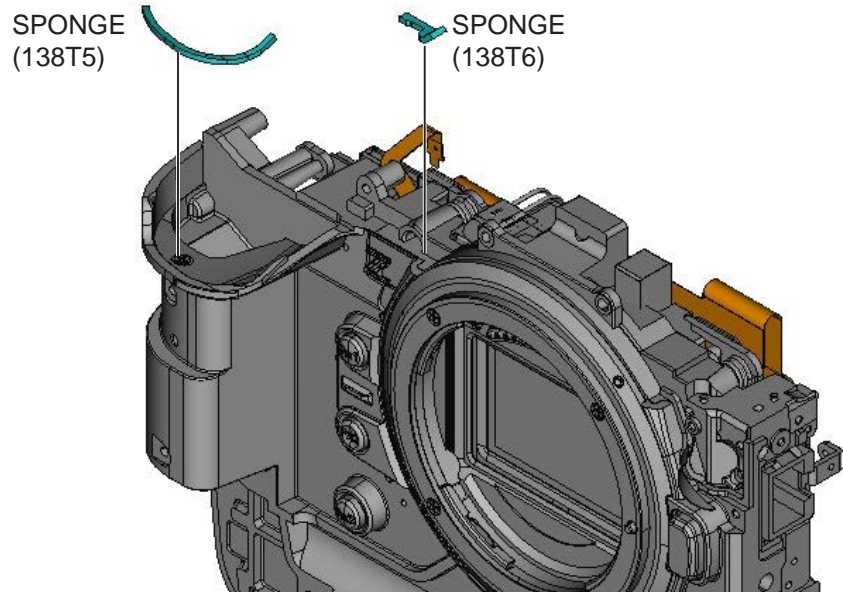
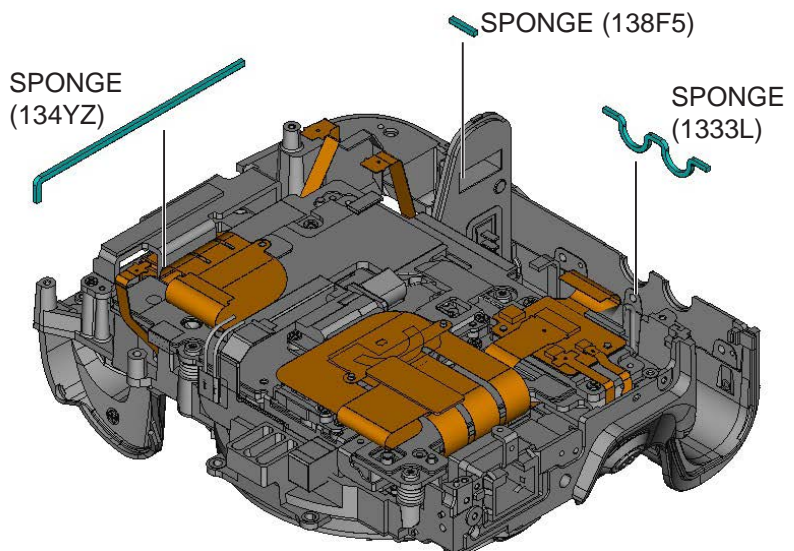
LENS CONTACT UNIT



TRIPOD BASE

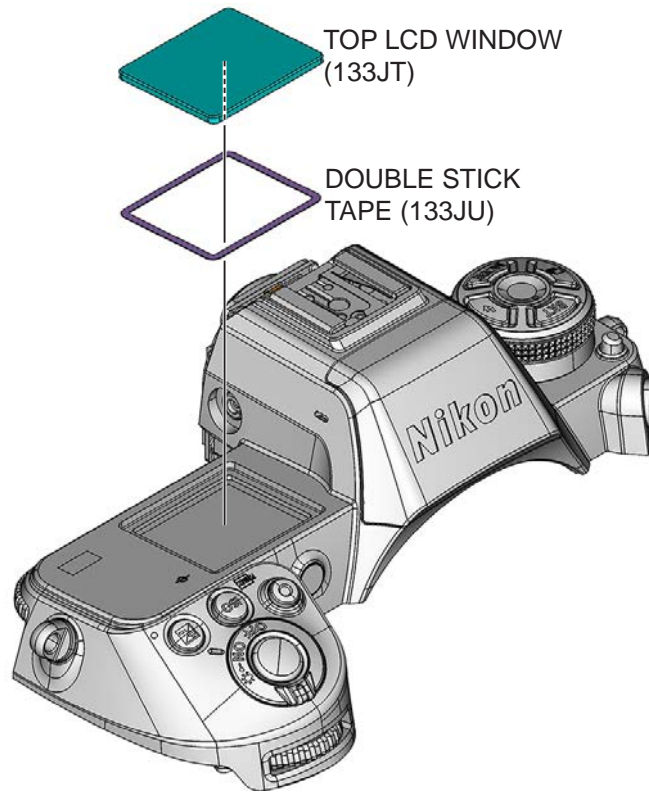


LENS RELEASE BUTTON

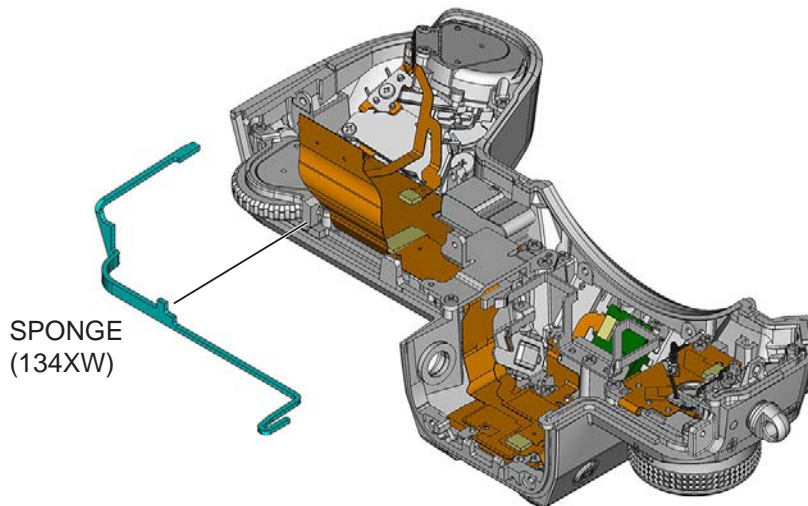


3. Top cover

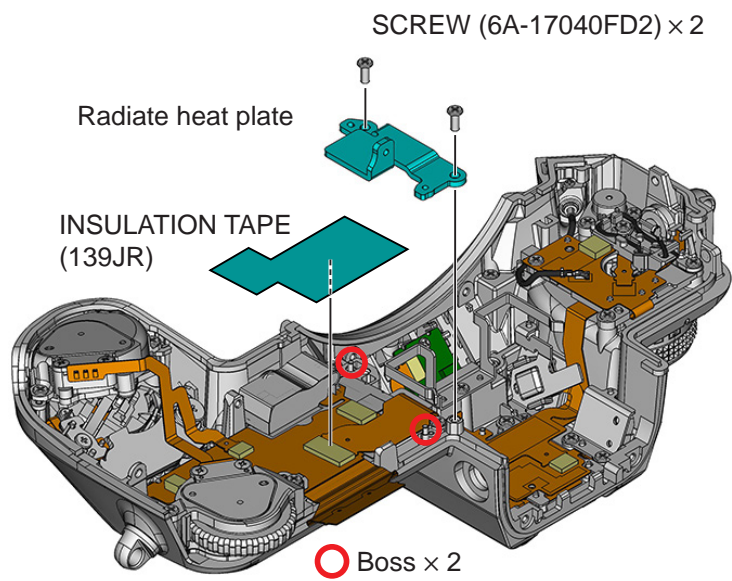
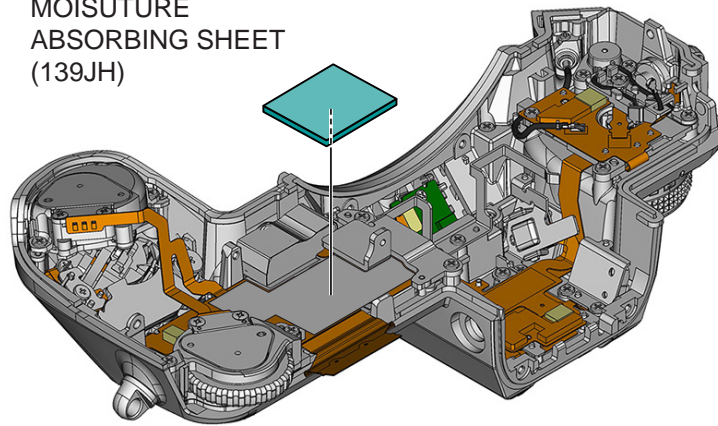
TOP LCD WINDOW



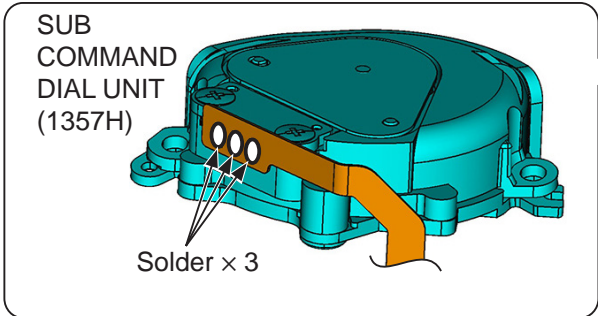
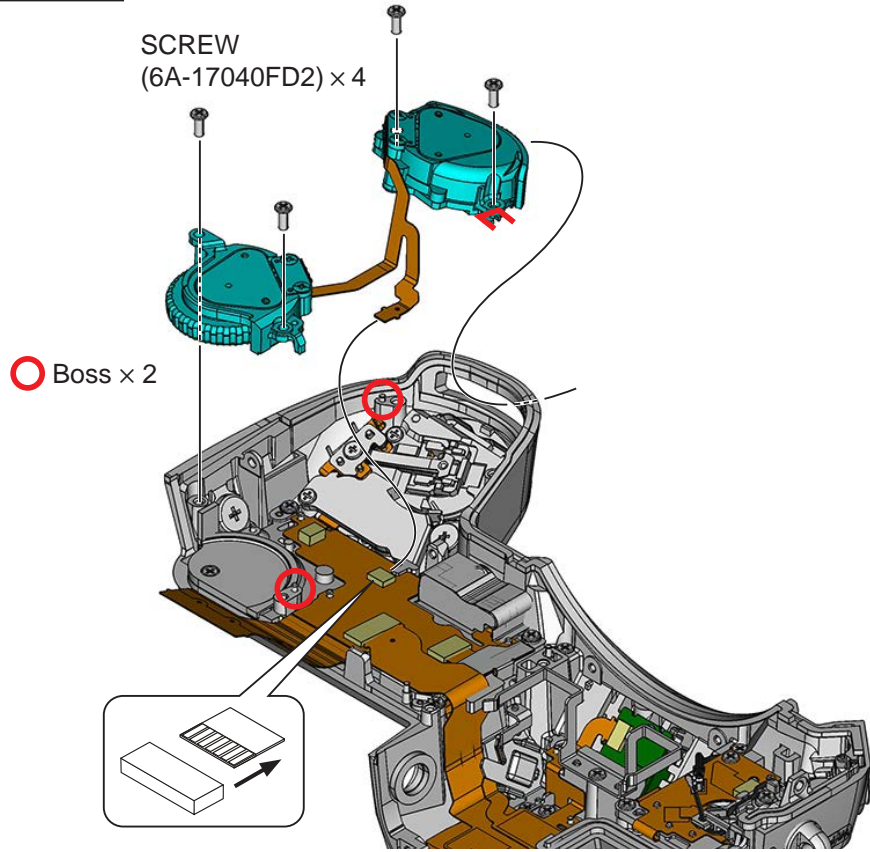
This is covered with DOUBLE STICK TAPE. Apply ethyl alcohol and use a cutter or other fine-tipped tool to remove it. Be careful not to scratch it with the cutter.



MOISUTURE
ABSORBING SHEET
(139JH)



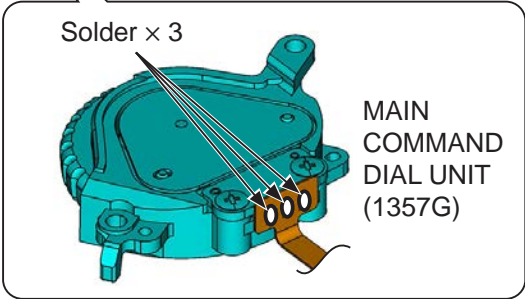
COMMAND DIAL UNIT



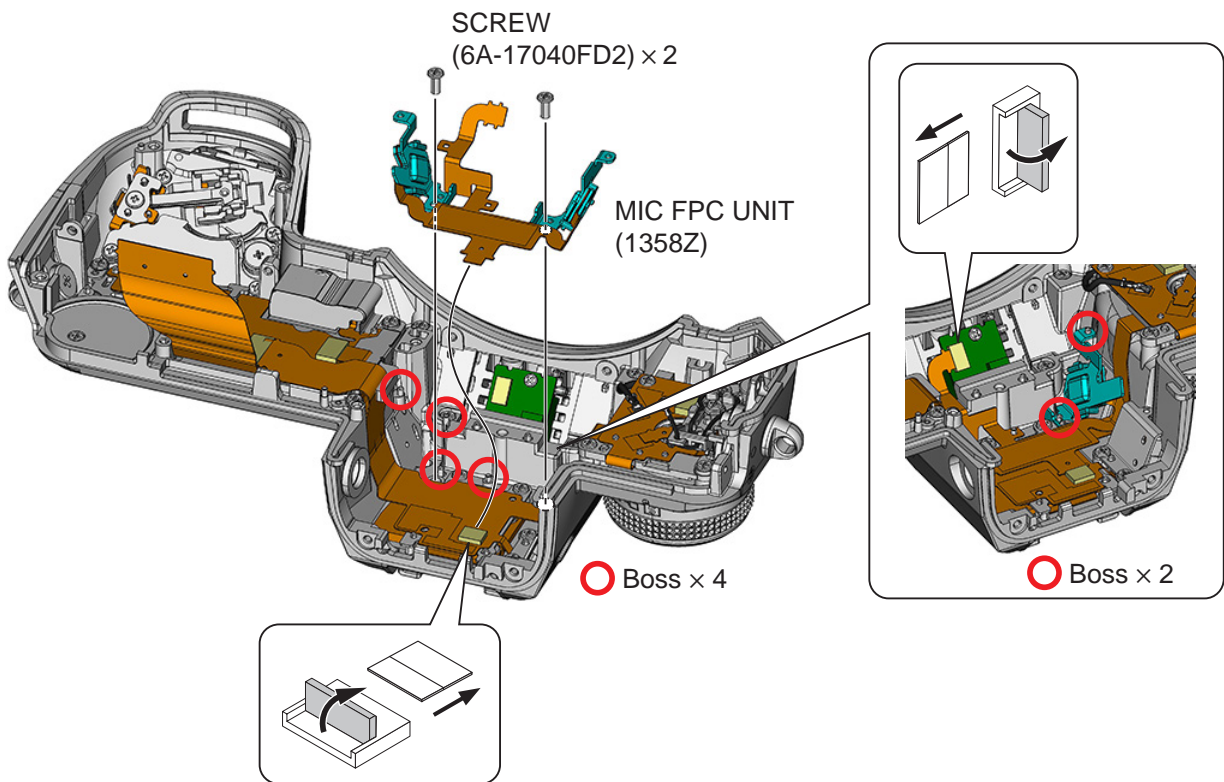
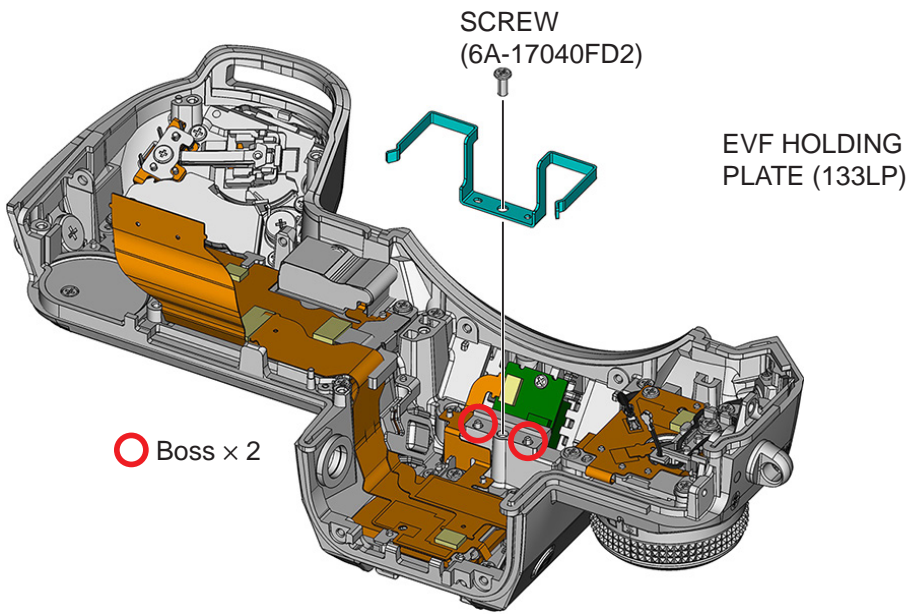
SUB COMMAND DIAL UNIT (1357H)

COMMAND DIAL FPC (1323S)

MAIN COMMAND DIAL UNIT (1357G)

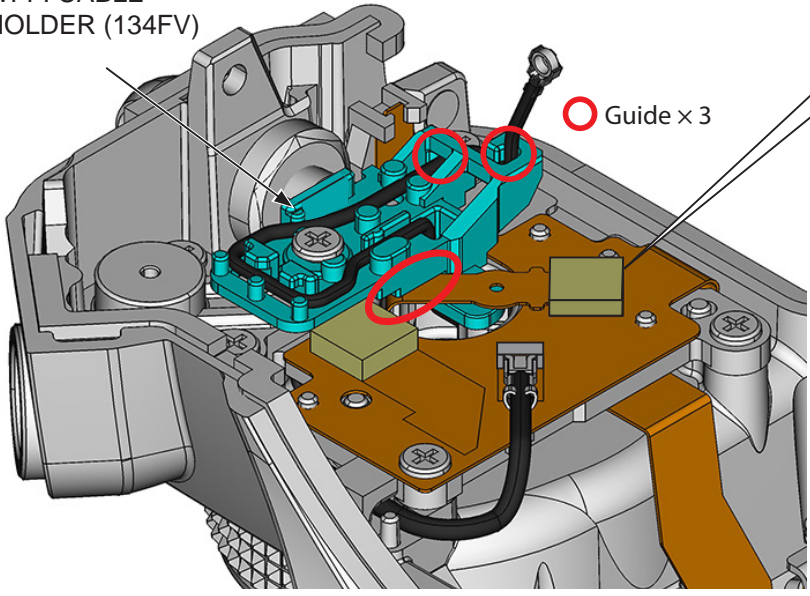


MIC FPC UNIT



WI-FI CABLE HOLDER

WI-FI CABLE
HOLDER (134FV)

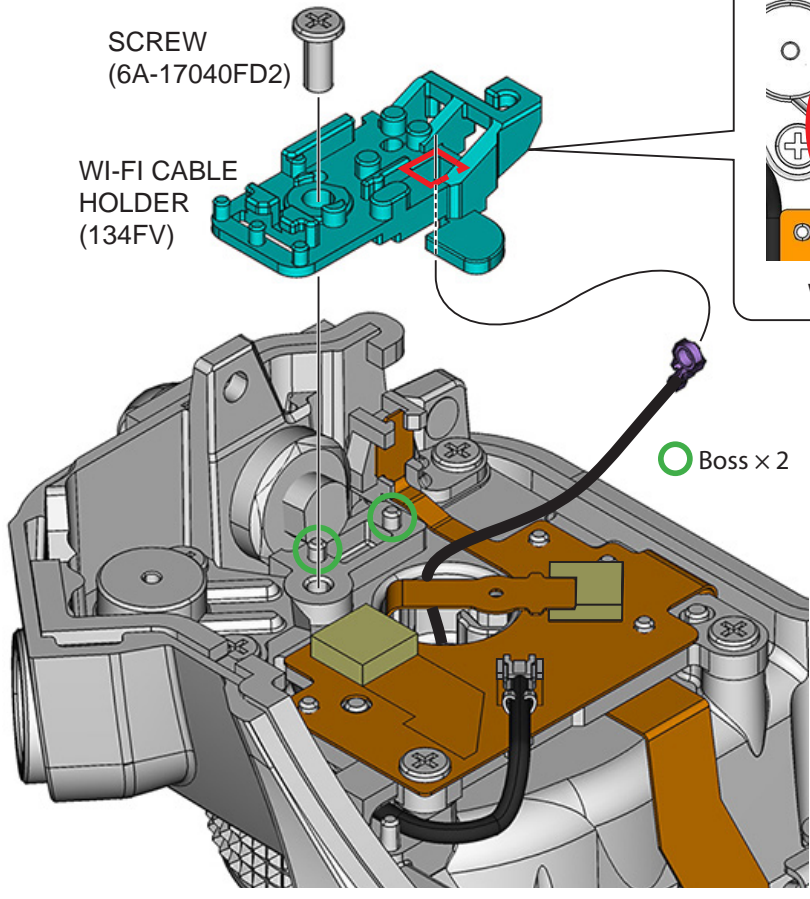


○ Guide × 3



SCREW
(6A-17040FD2)

WI-FI CABLE
HOLDER
(134FV)

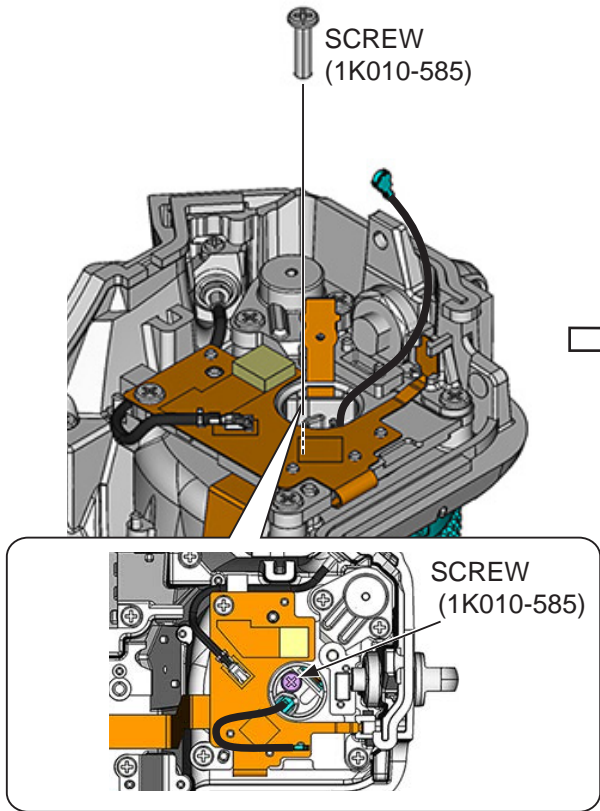


○ Guide × 6

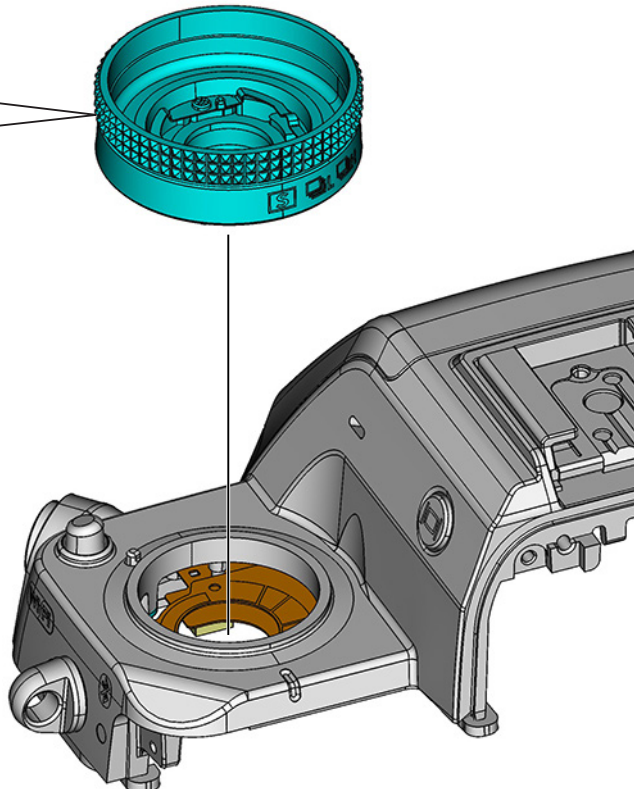
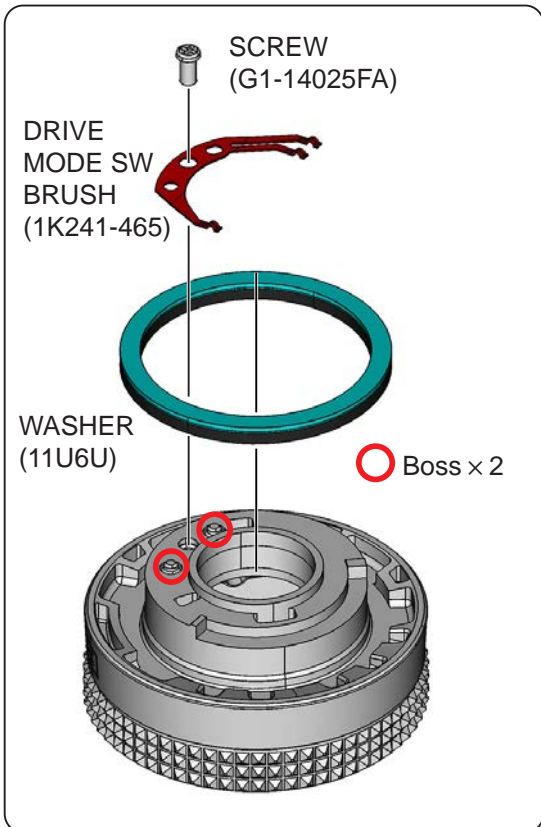
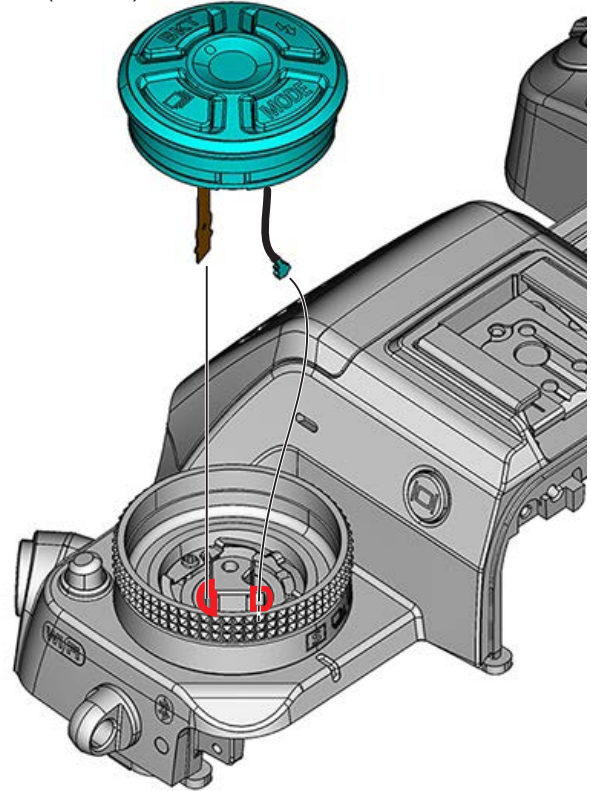
WI-FI CABLE HOLDER (134FV)

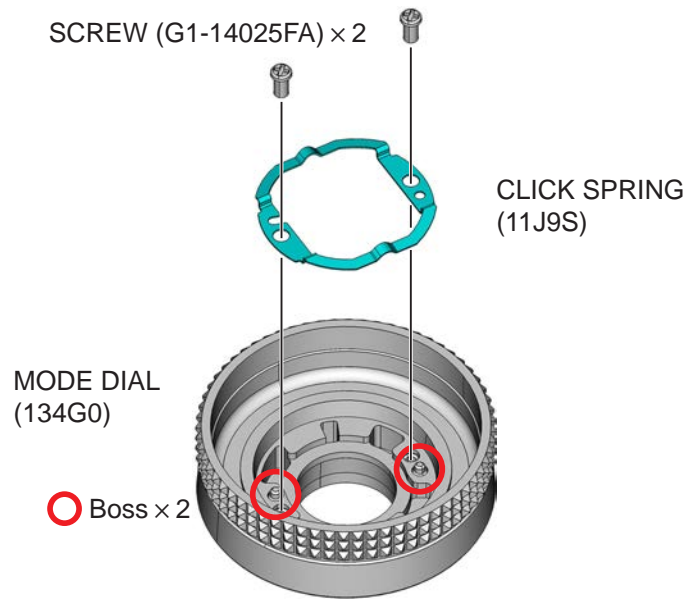
○ Boss × 2

FOUR LEAF BUTTON UNIT

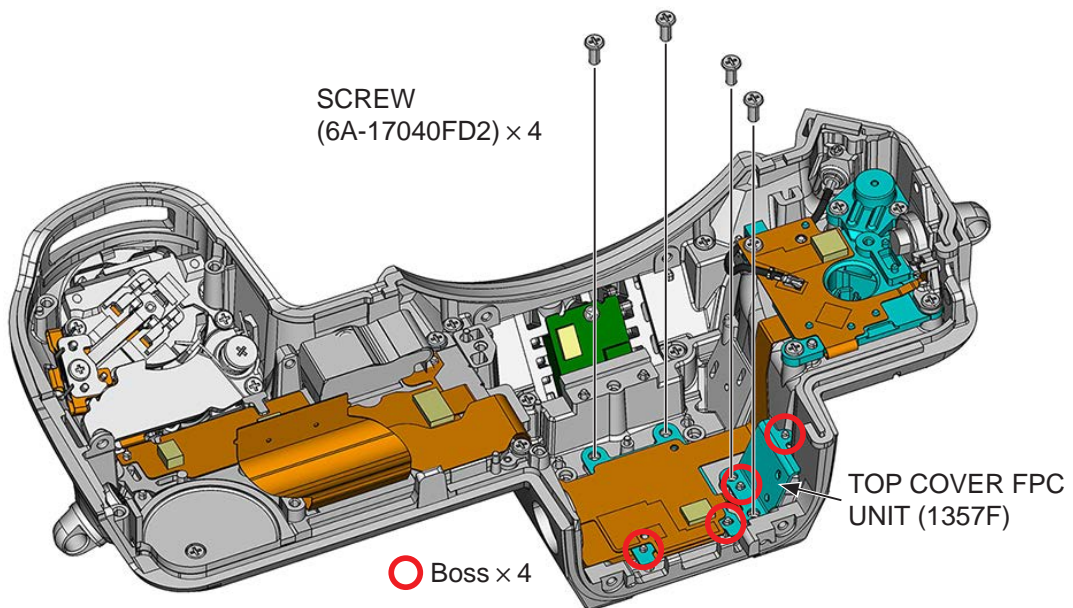
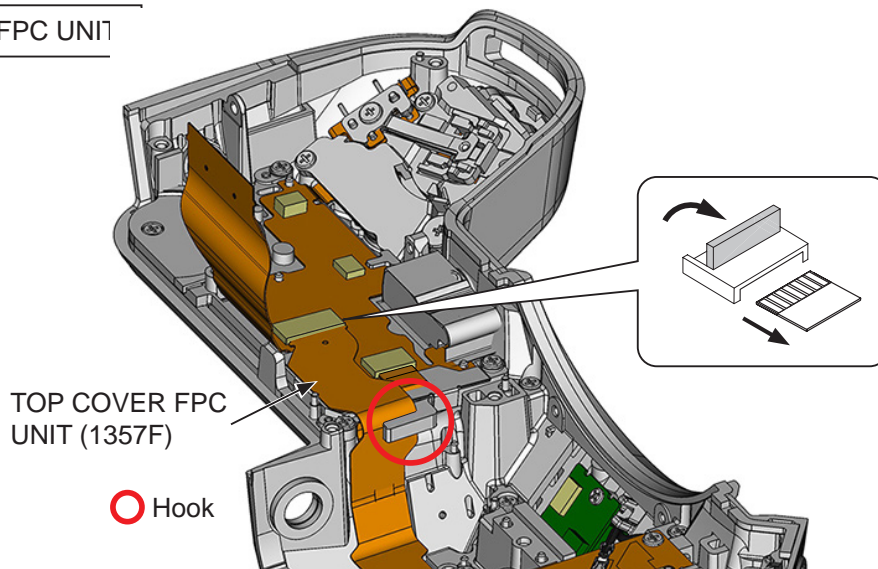


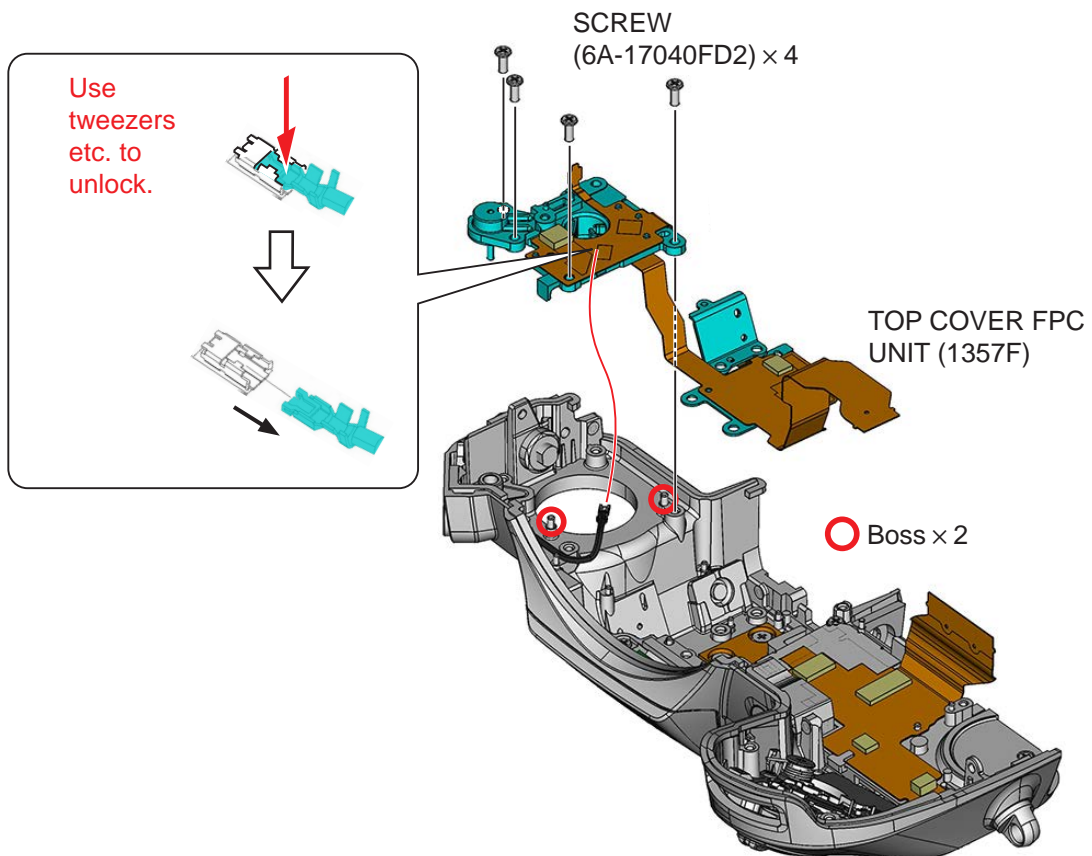
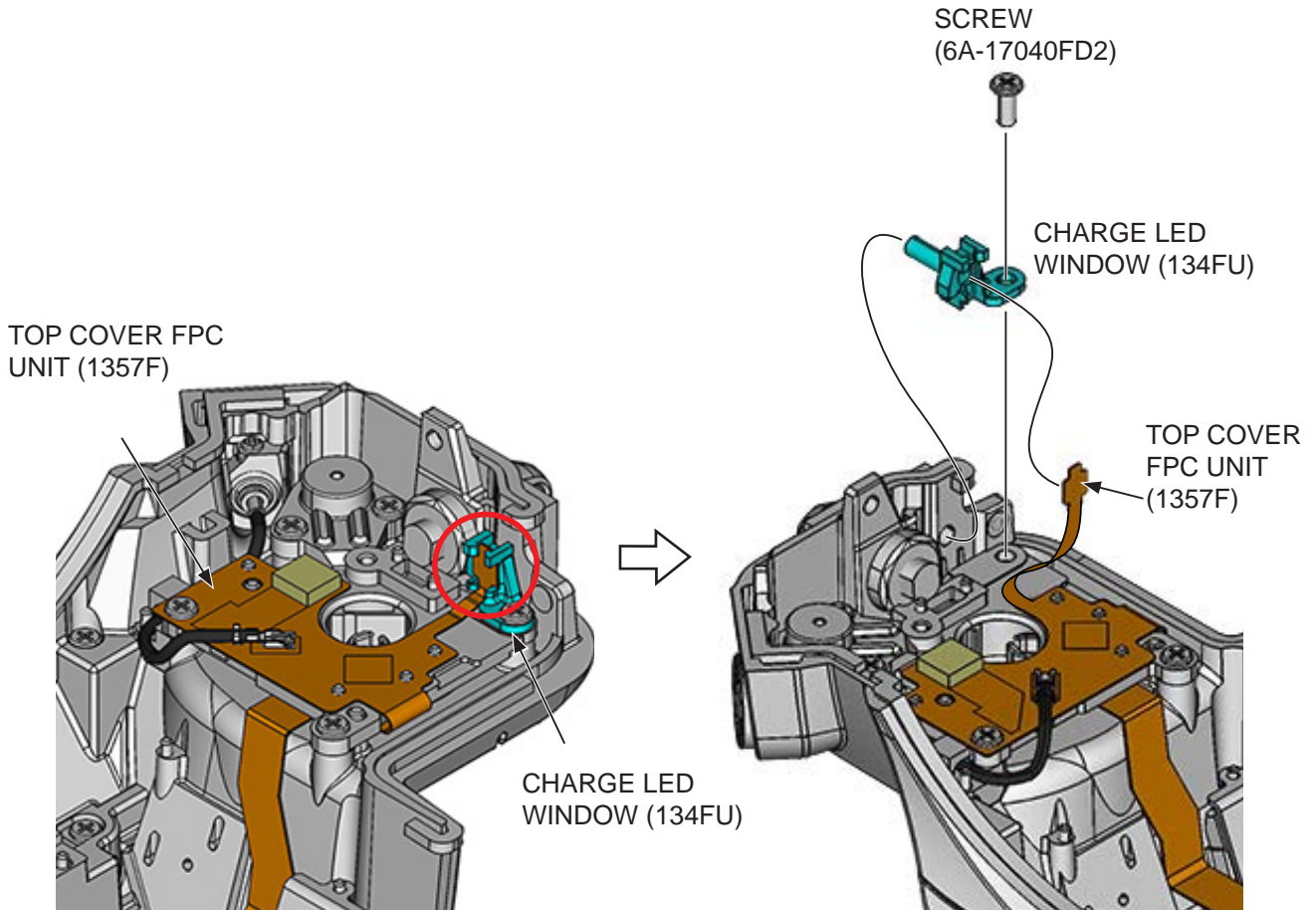
FOUR LEAF BUTTON UNIT (134ZX)

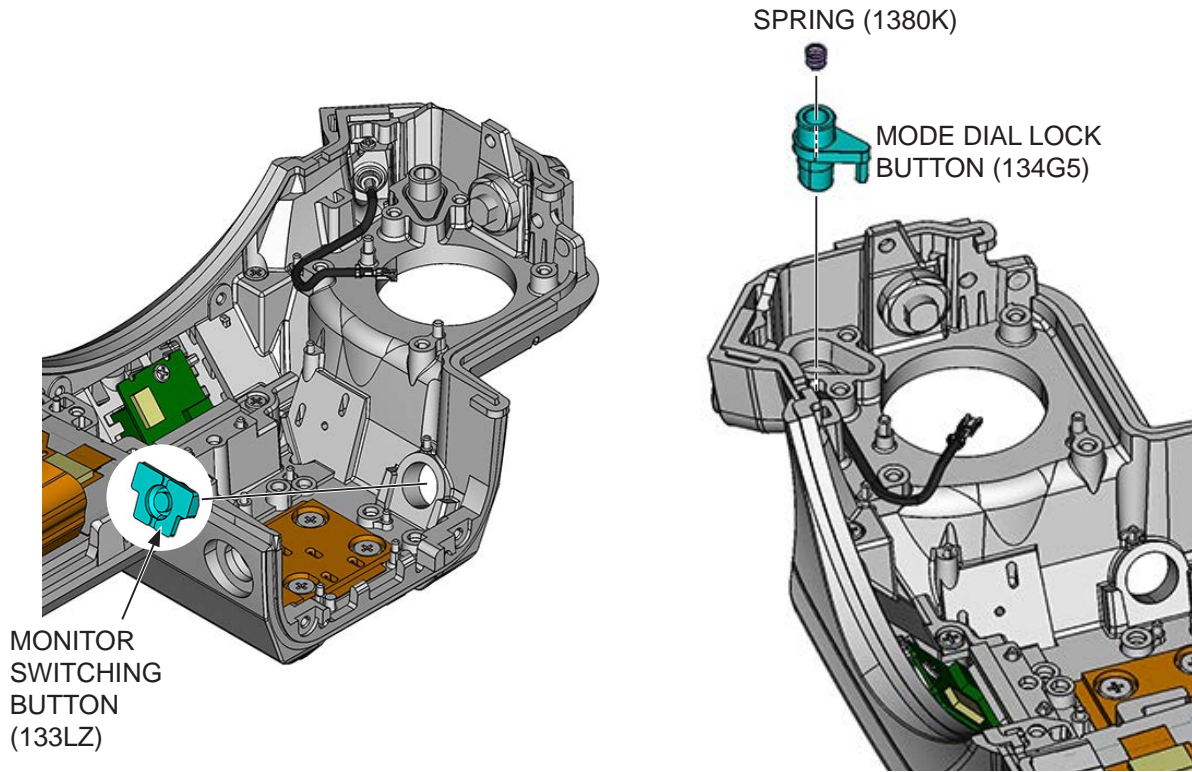




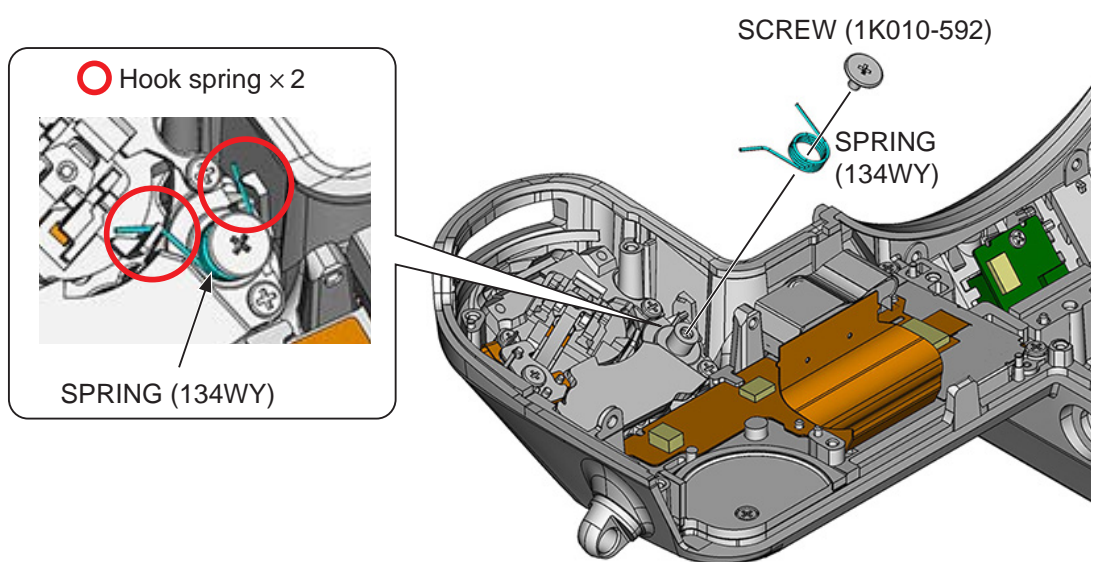
TOP COVER FPC UNIT

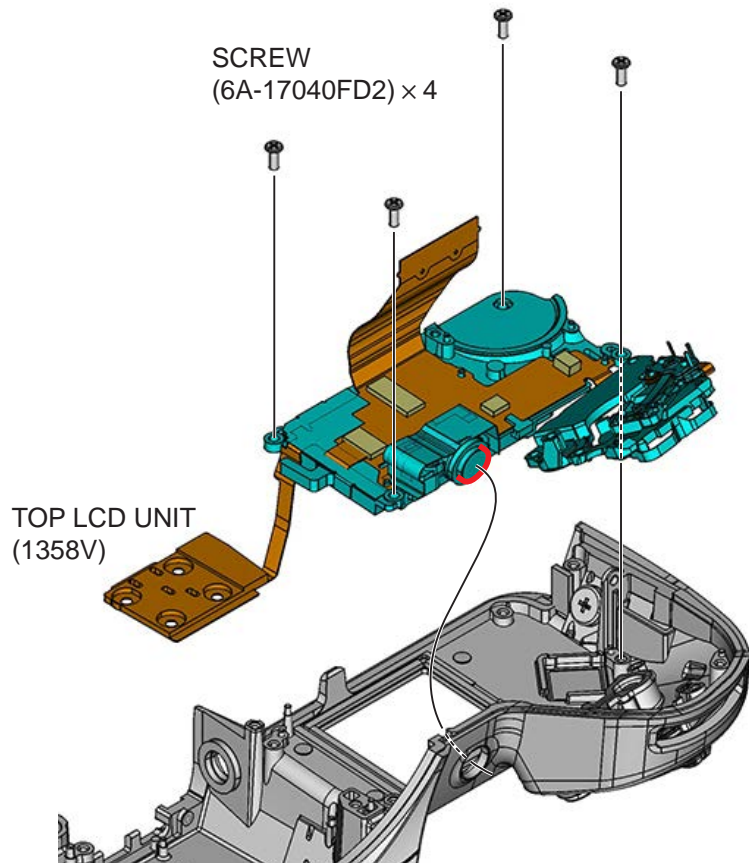
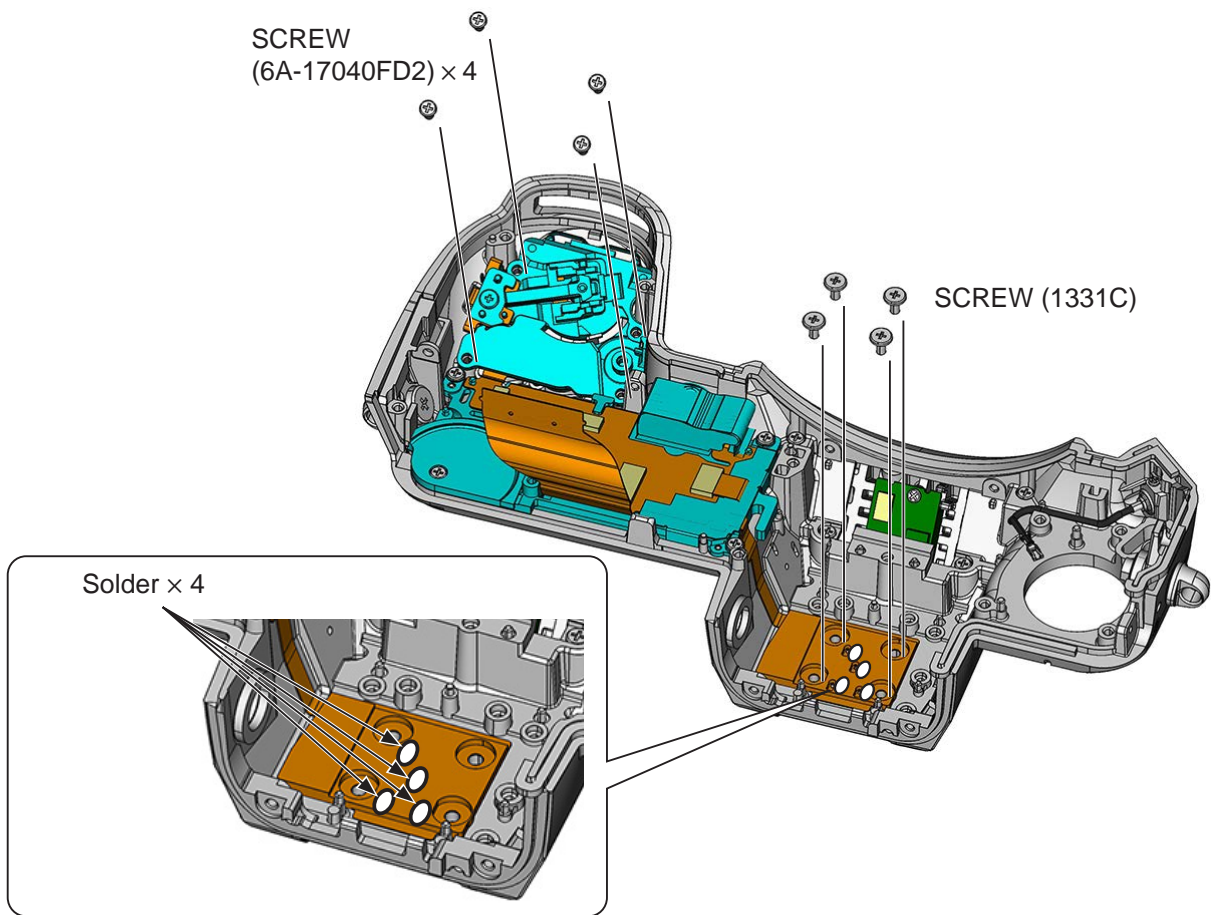


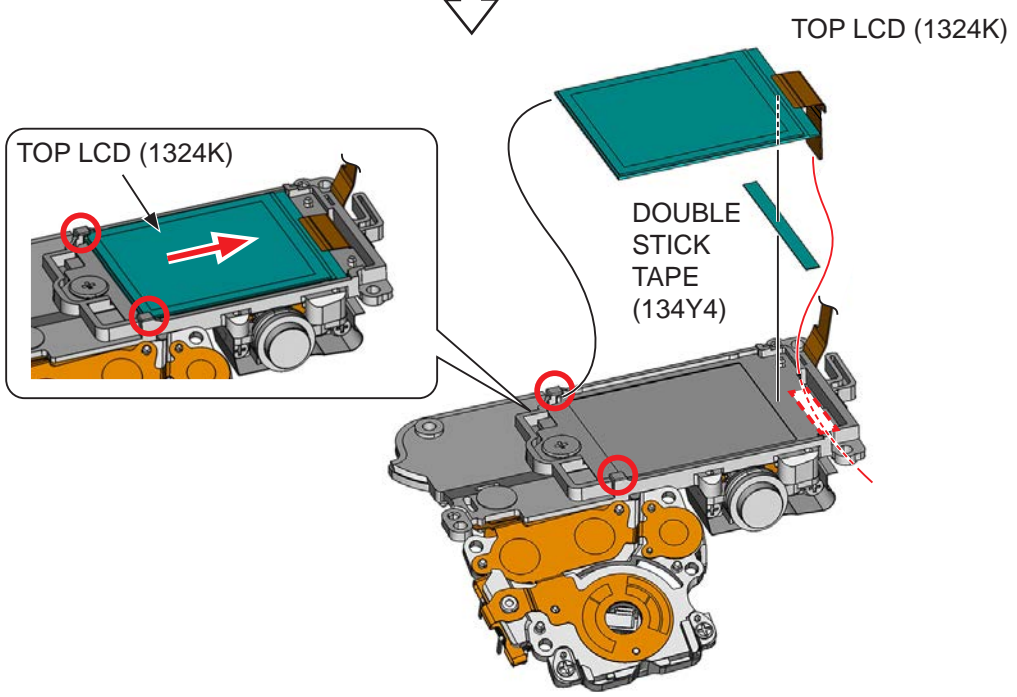
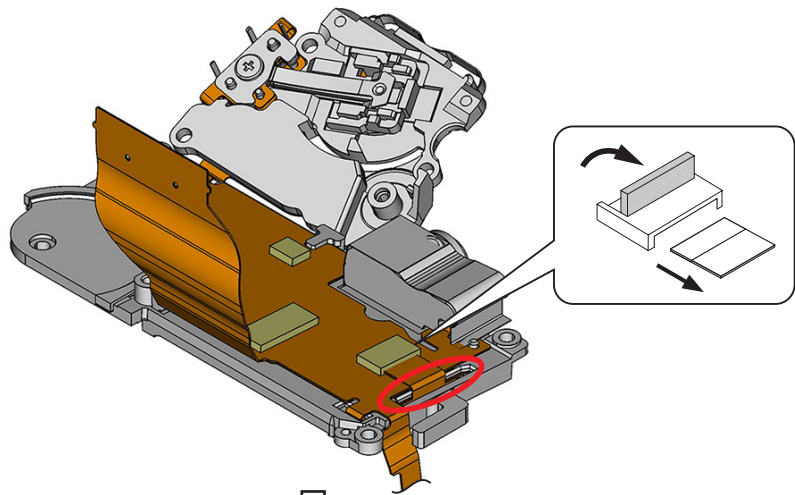
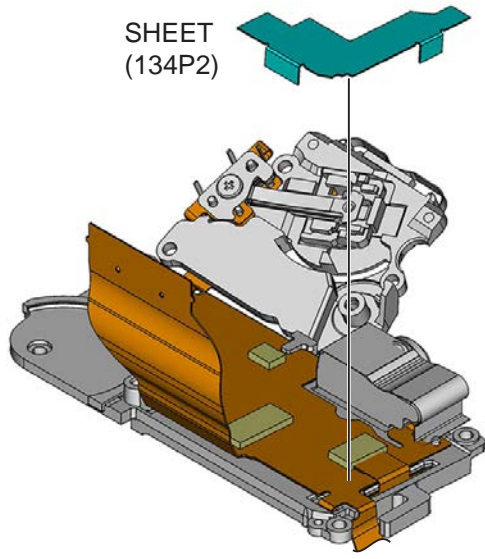


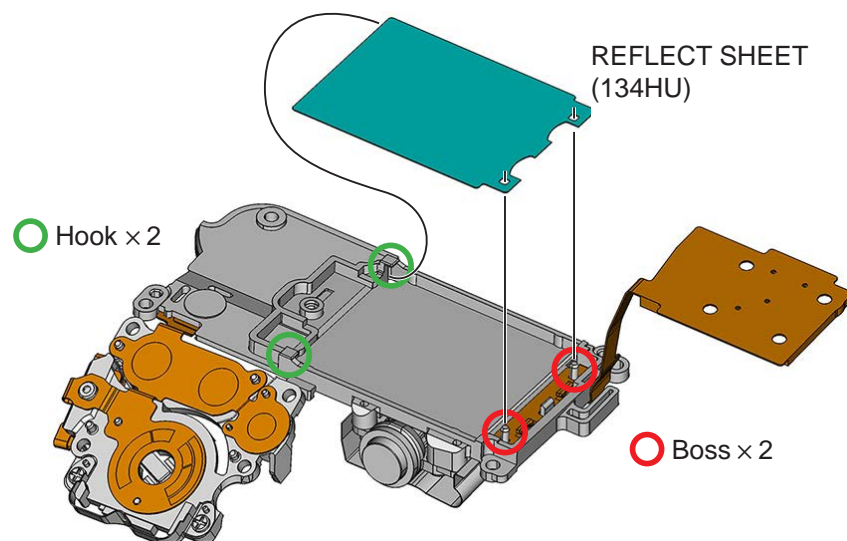
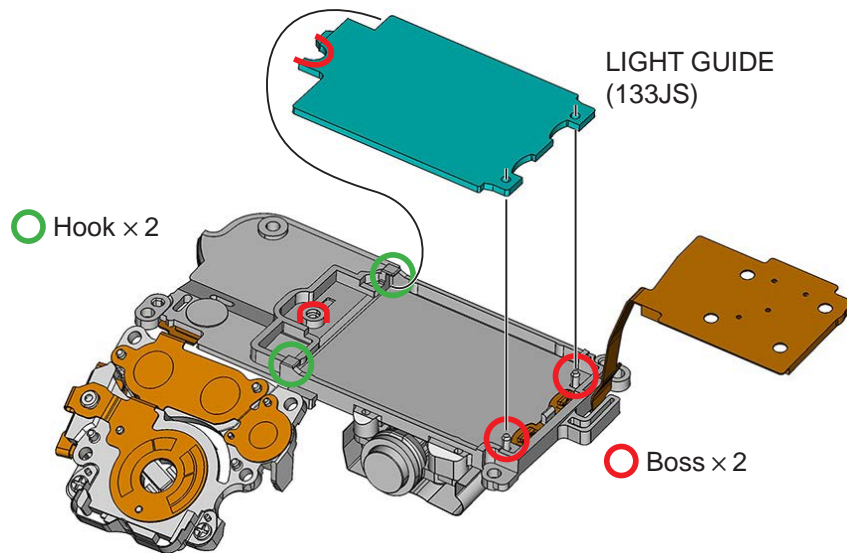
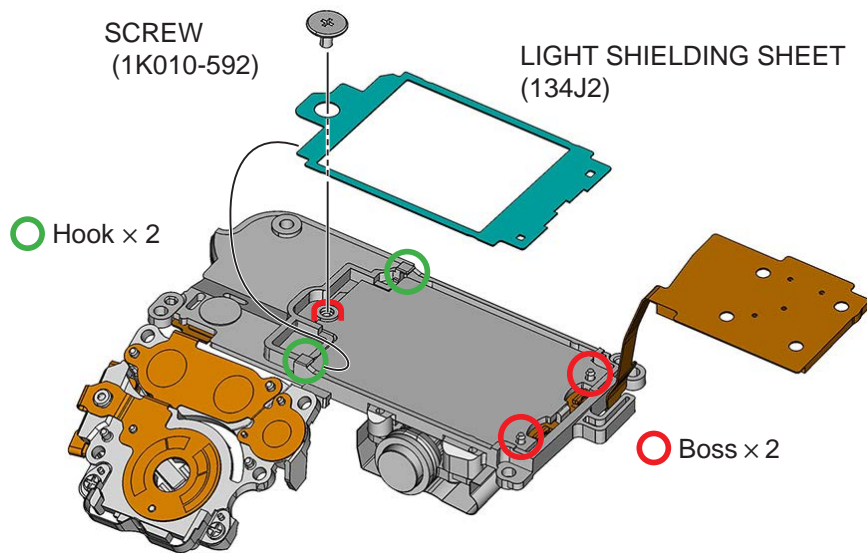


TOP LCD UNIT

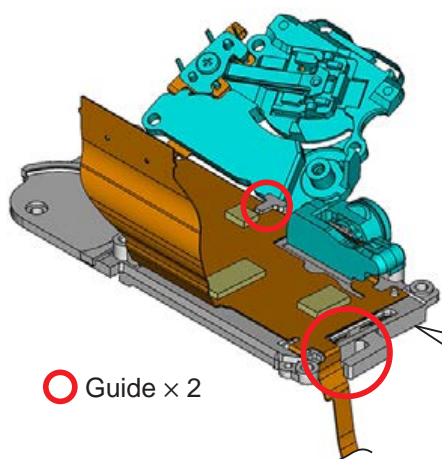
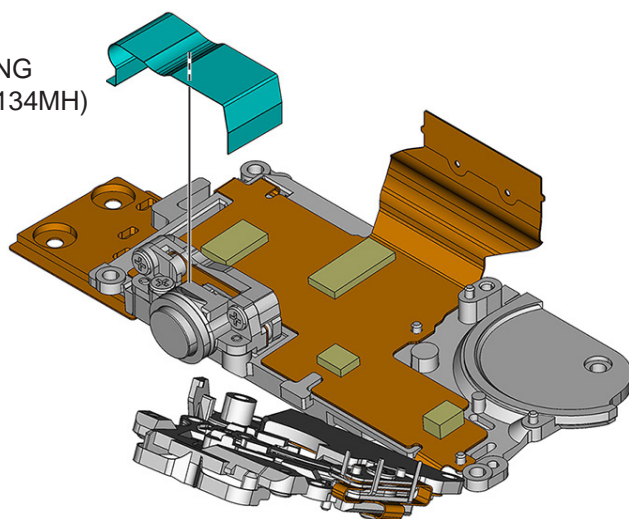




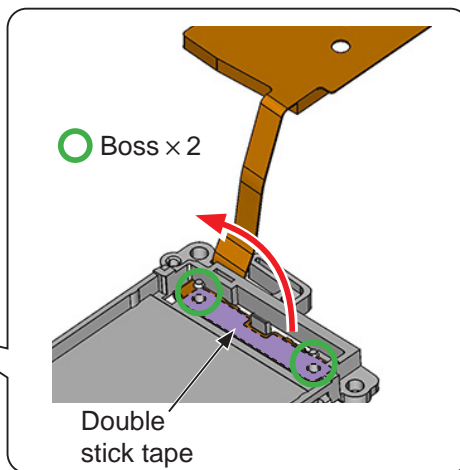




LIGHT SHIELDING SHEET (134MH)



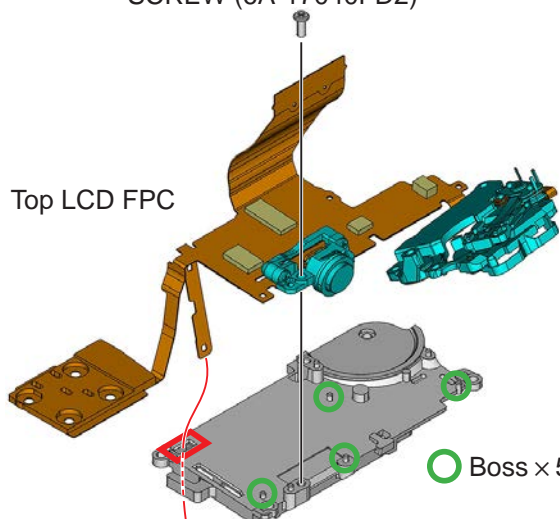
○ Guide x 2



○ Boss x 2

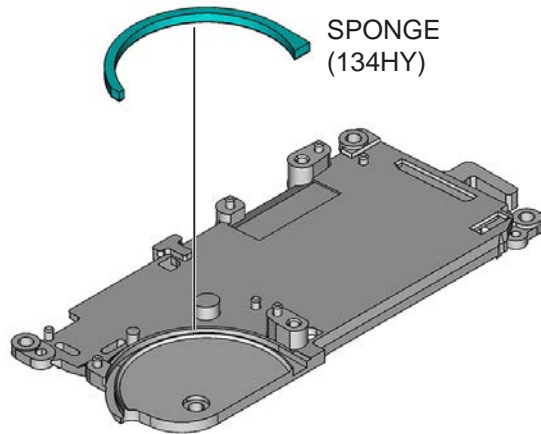
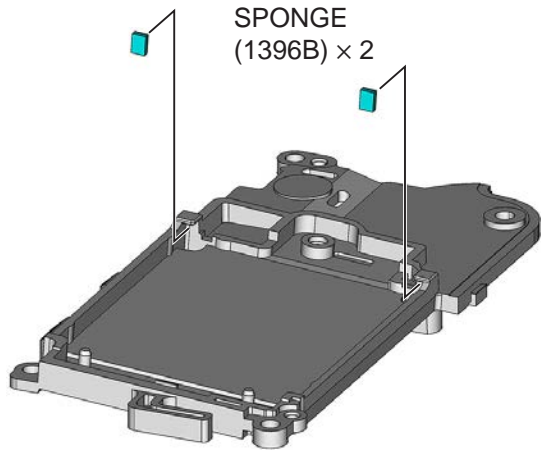
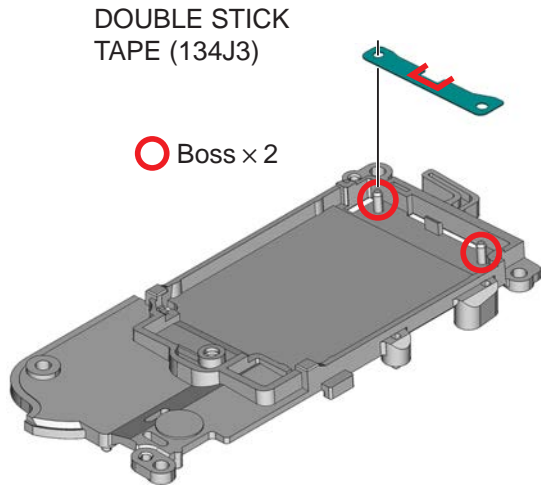
Double stick tape

SCREW (6A-17040FD2)

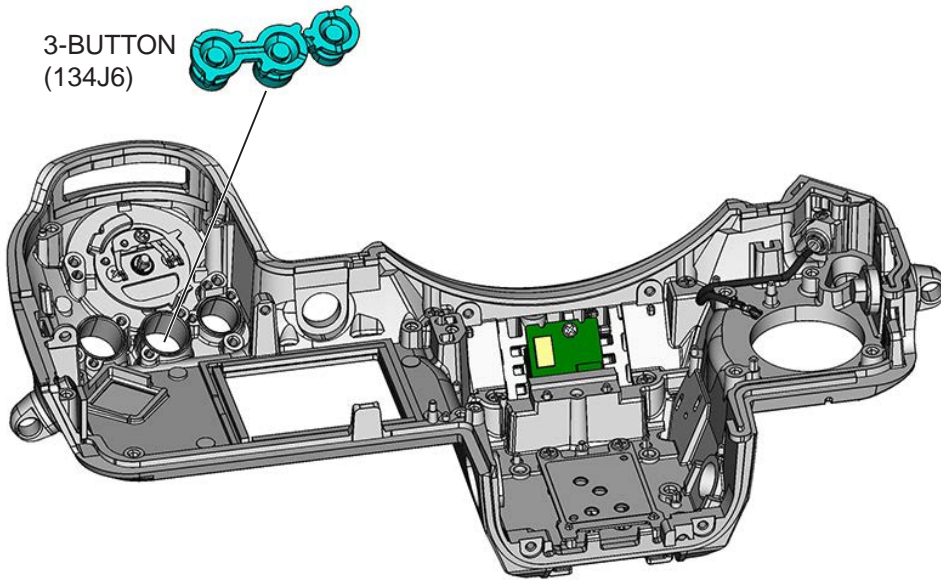


Top LCD FPC

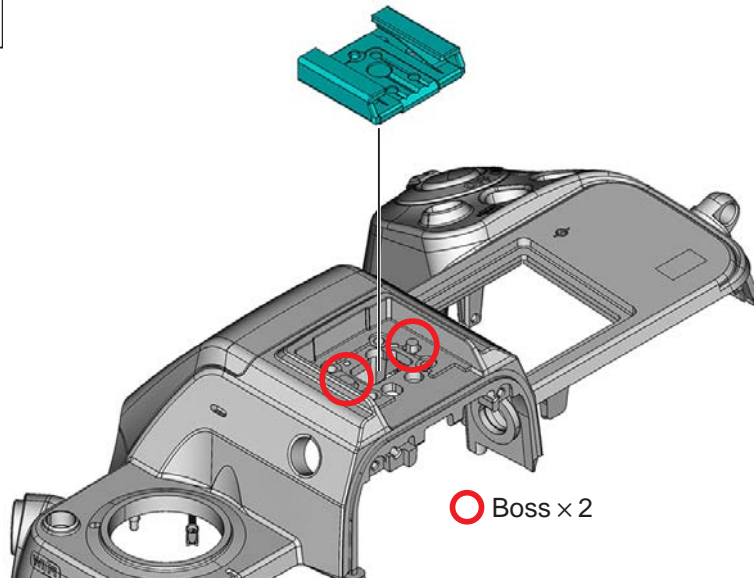
○ Boss x 5



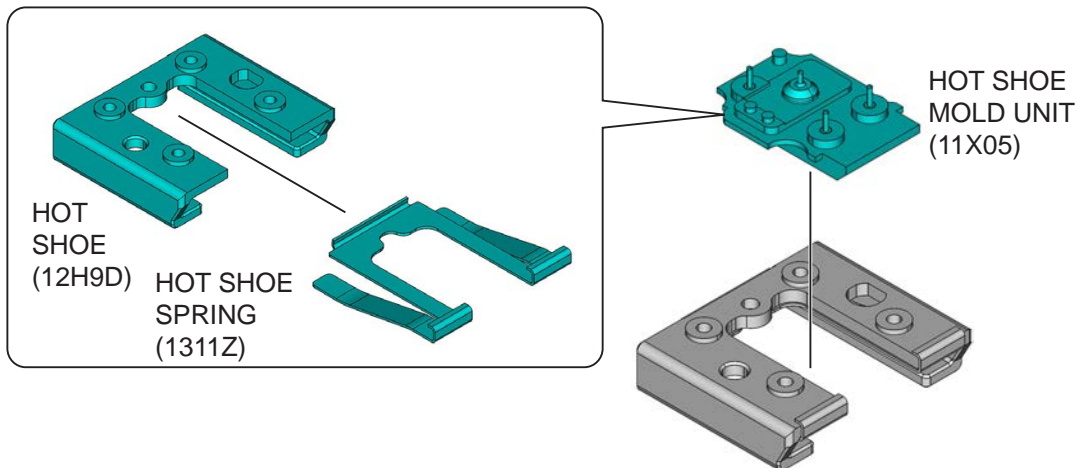
3-BUTTON
(134J6)



SHOE MOLD UNIT



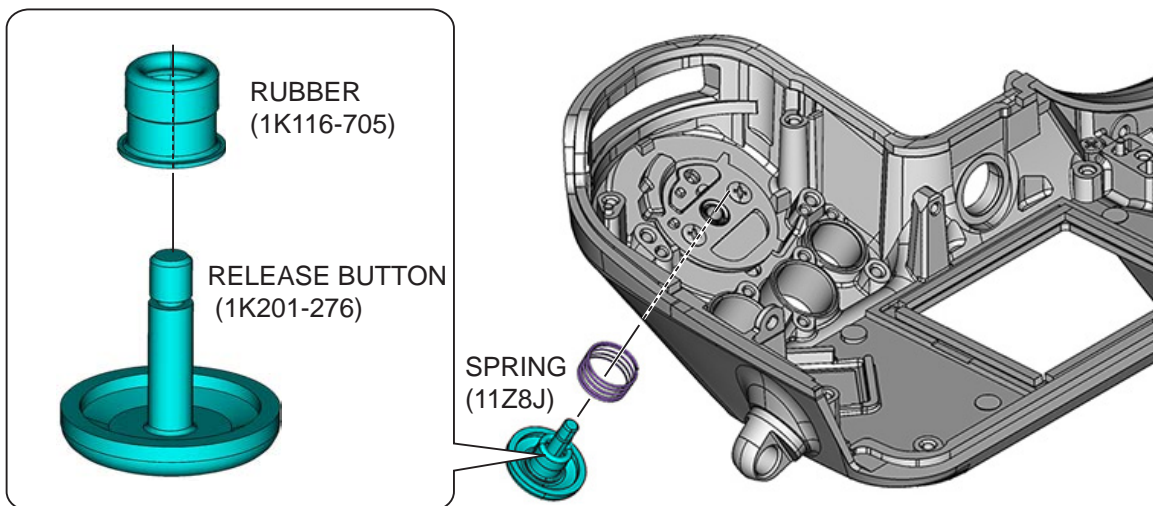
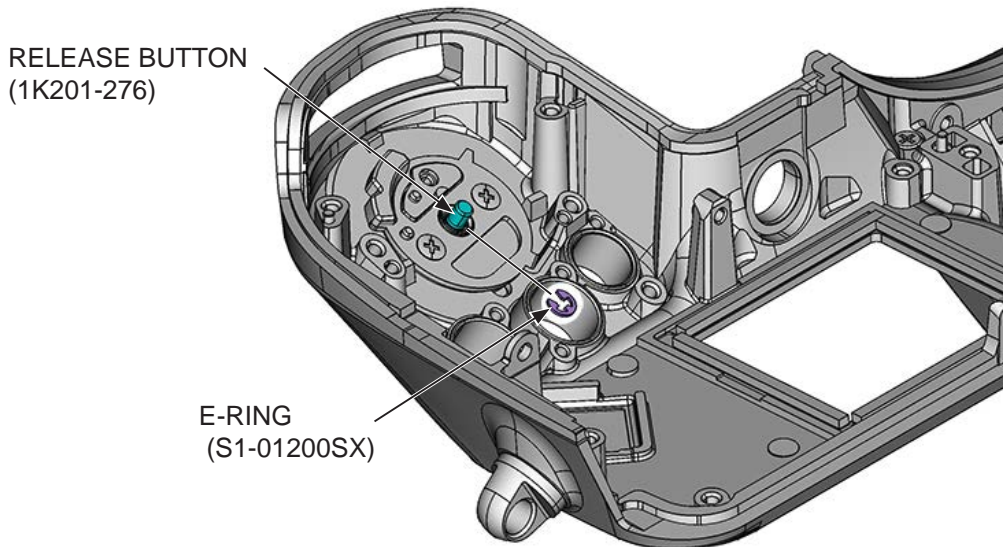
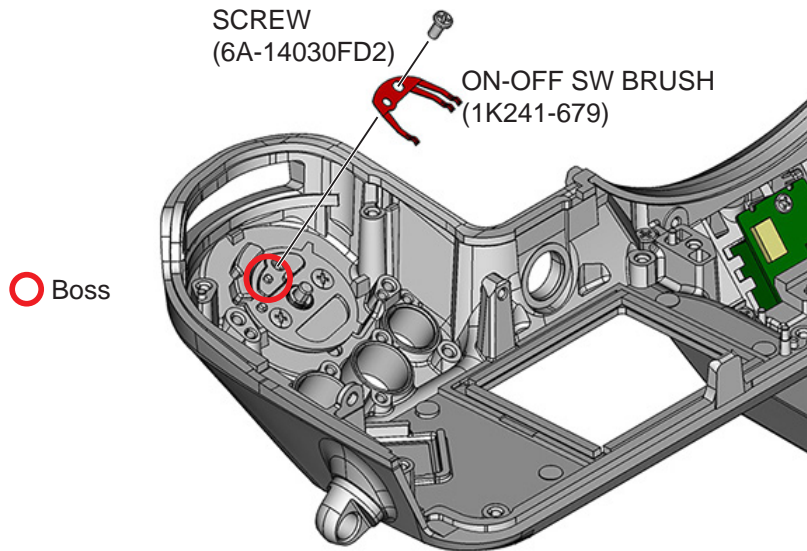
○ Boss x 2

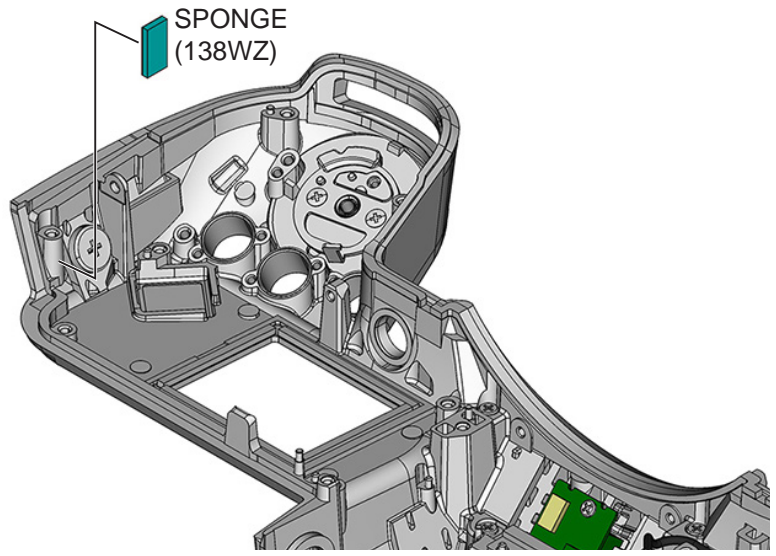


HOT
SHOE
(12H9D)

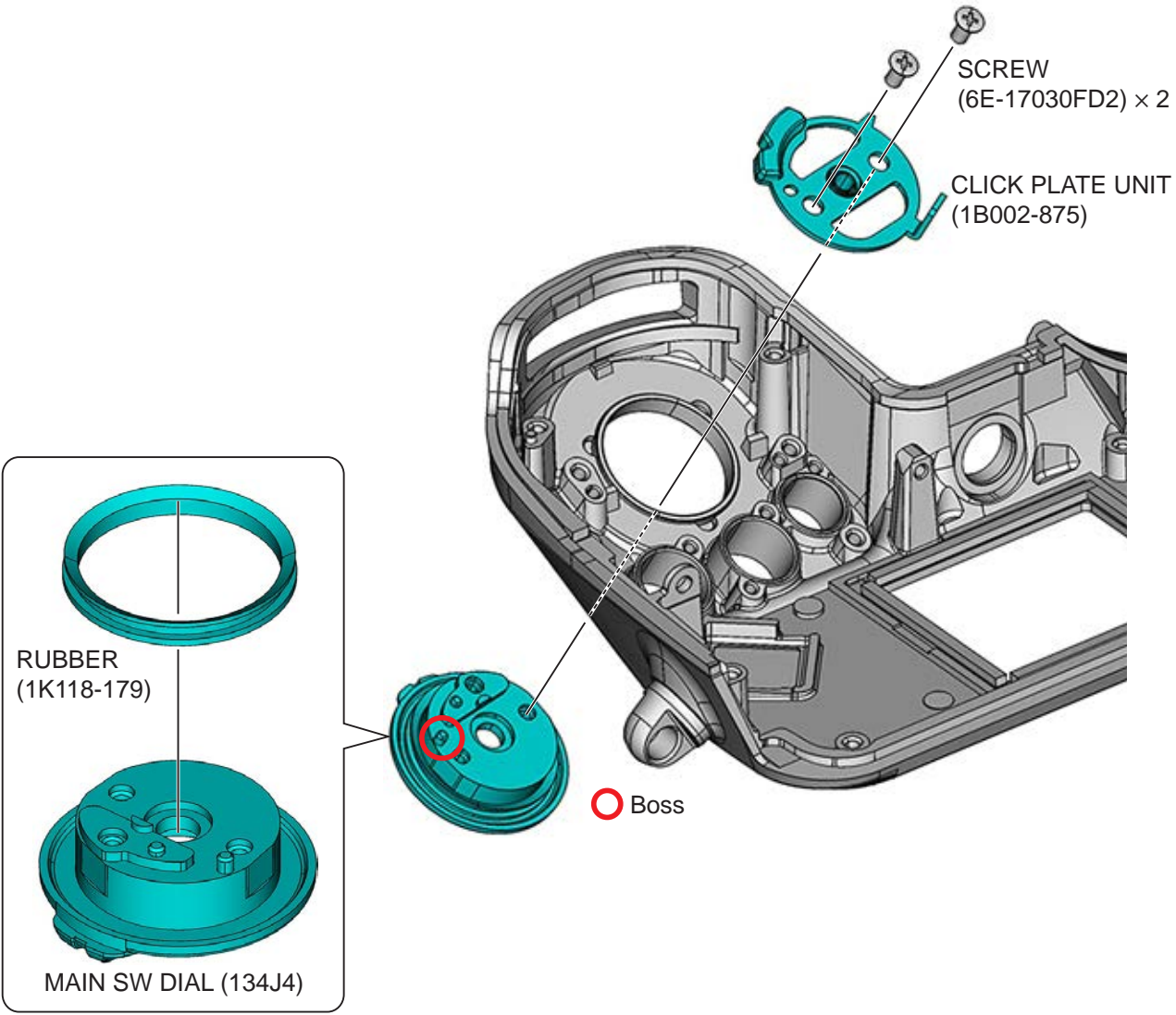
HOT SHOE
SPRING
(1311Z)

HOT SHOE
MOLD UNIT
(11X05)

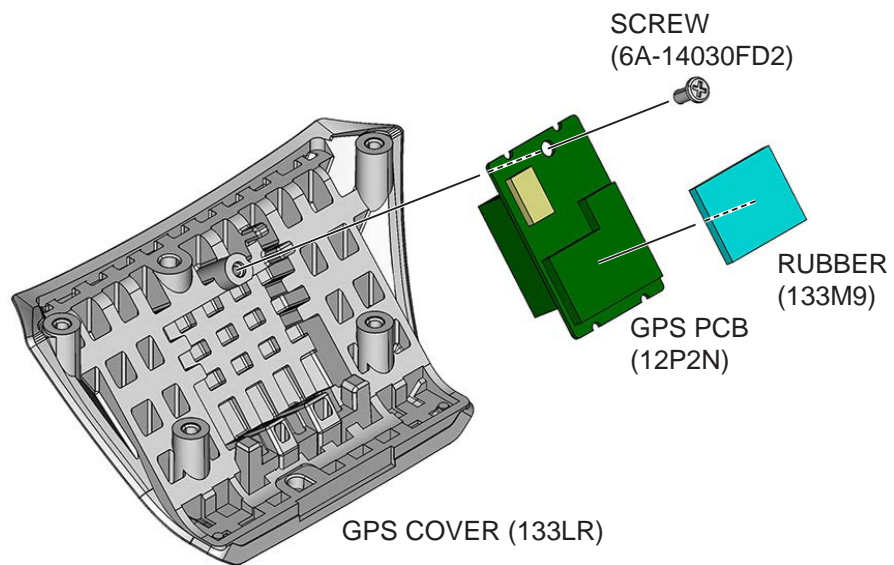
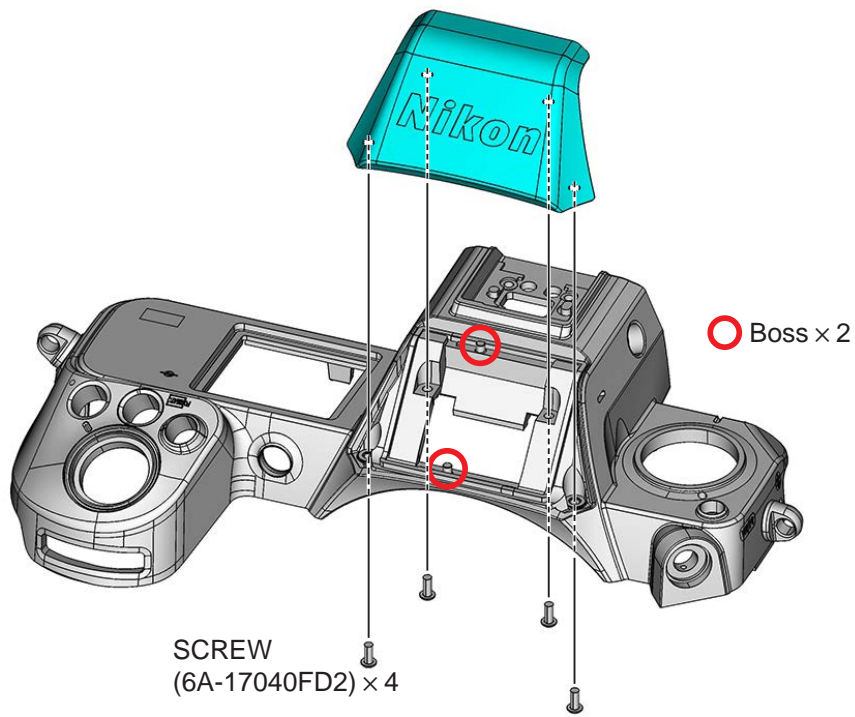




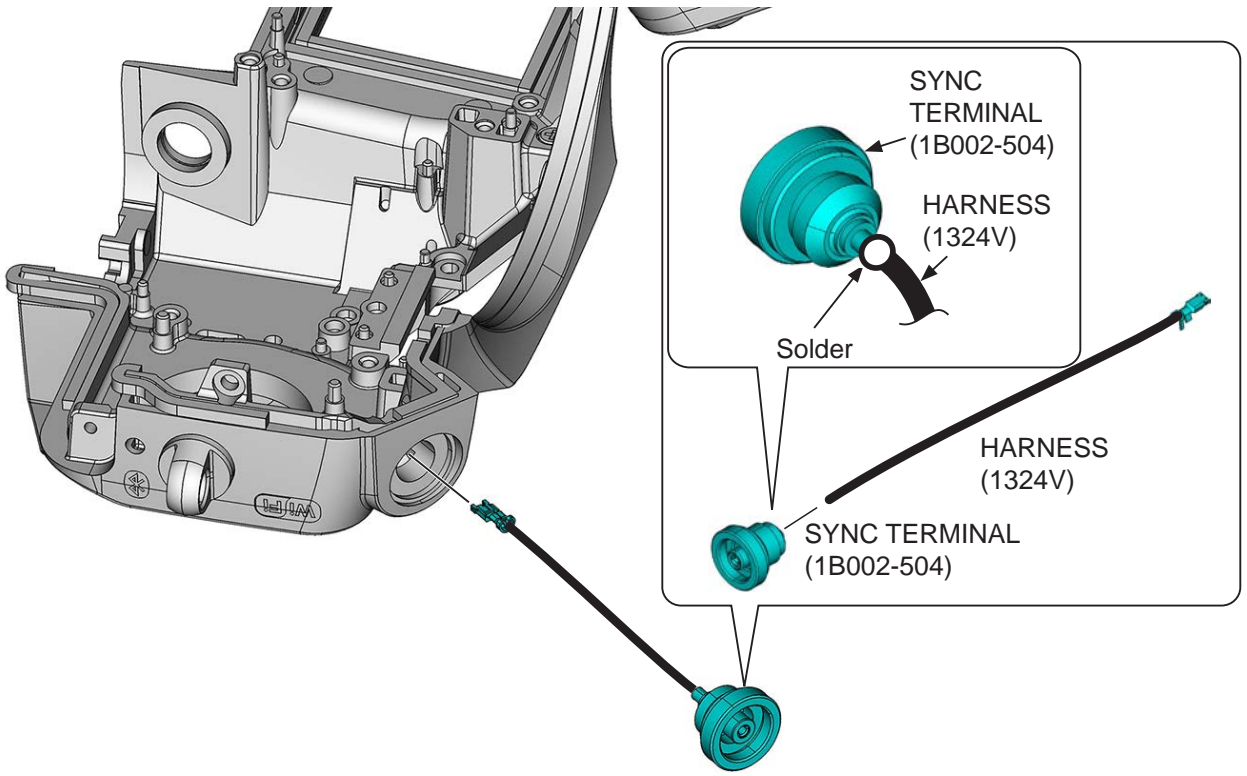
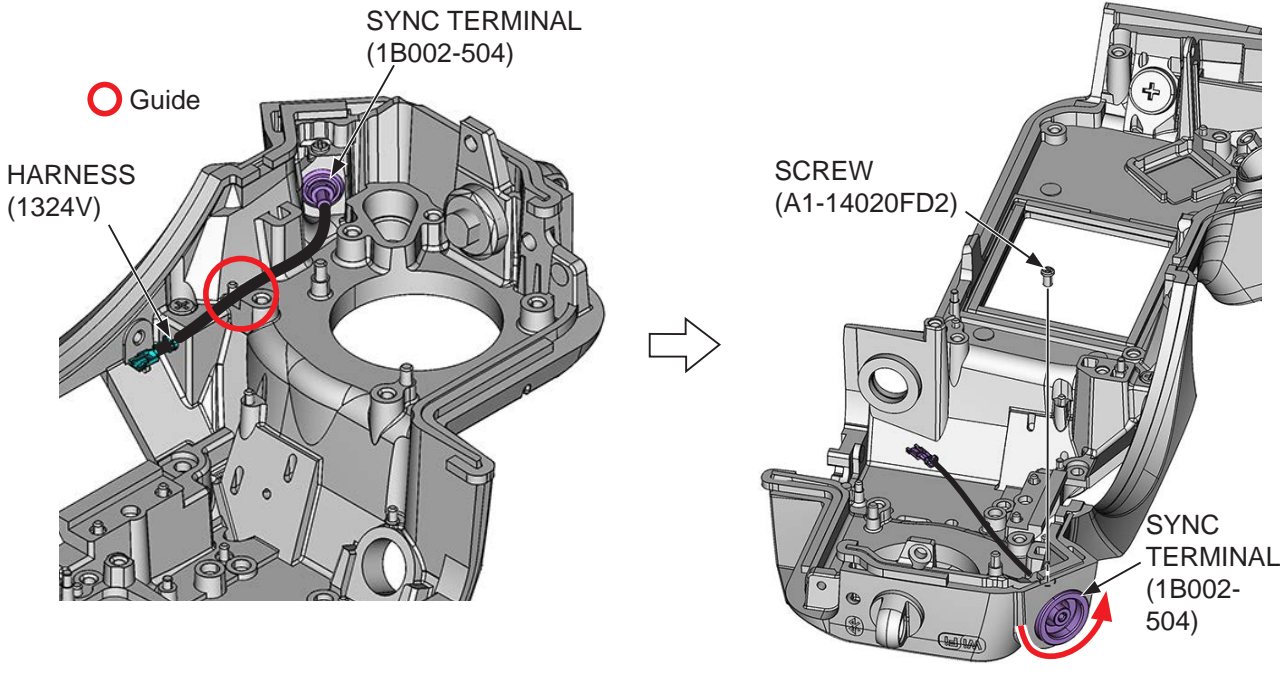
MAIN SW DIAL



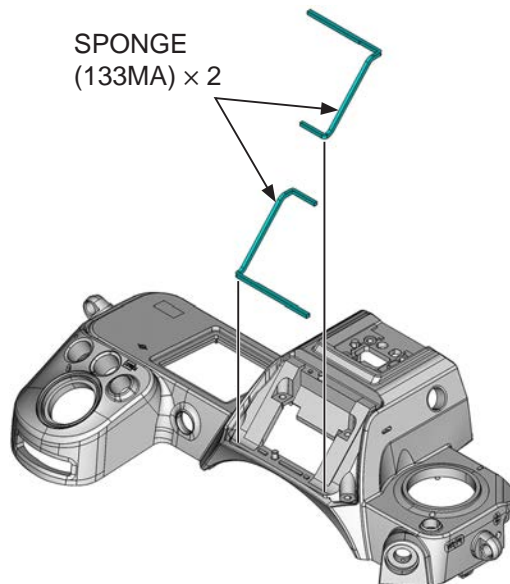
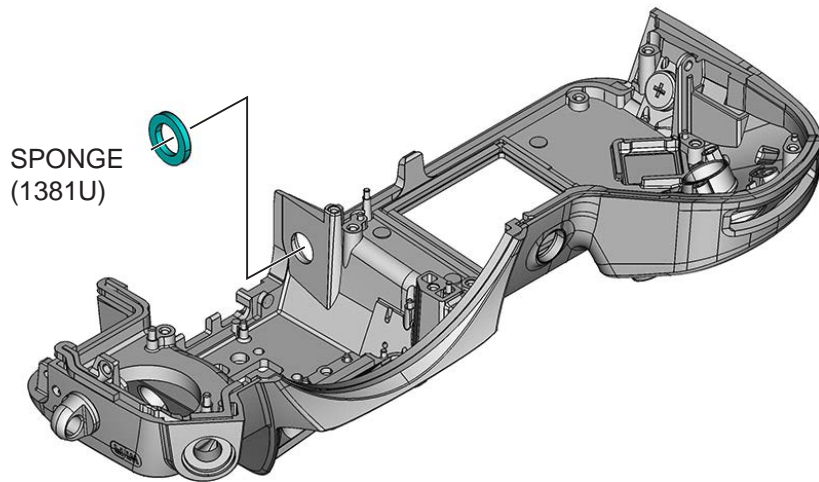
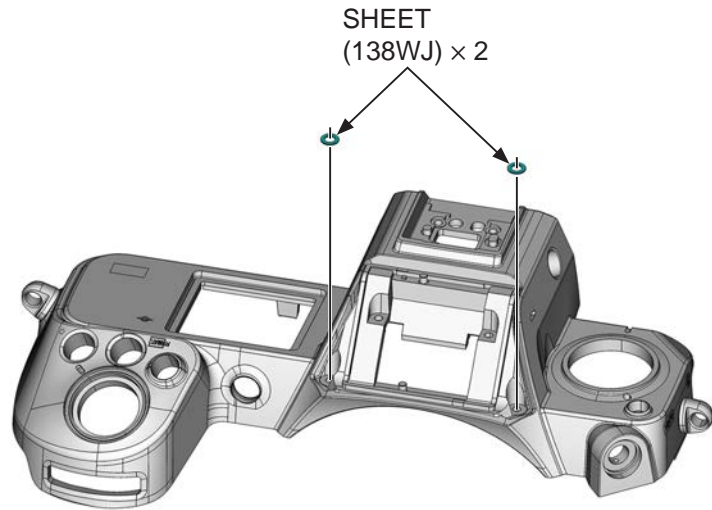
GPS PCB

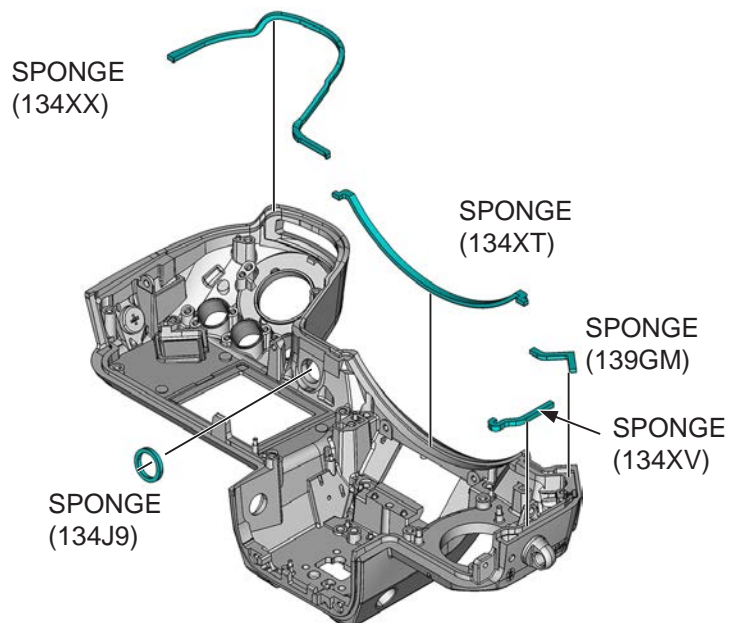
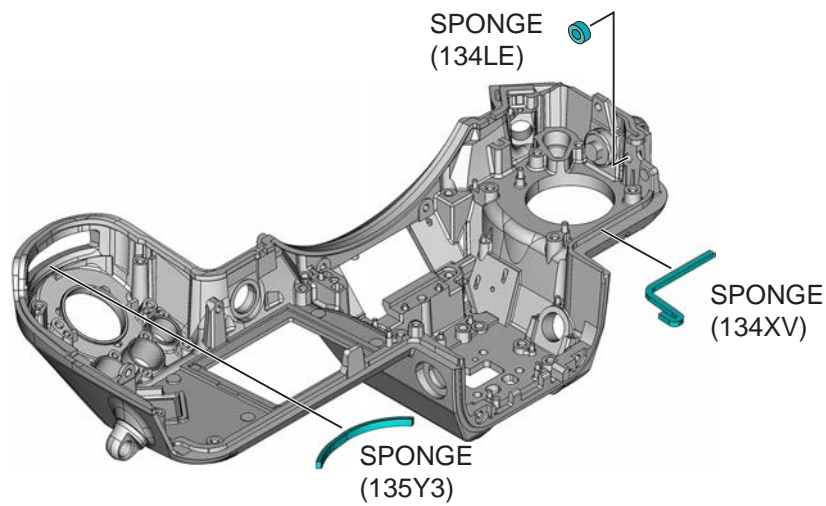
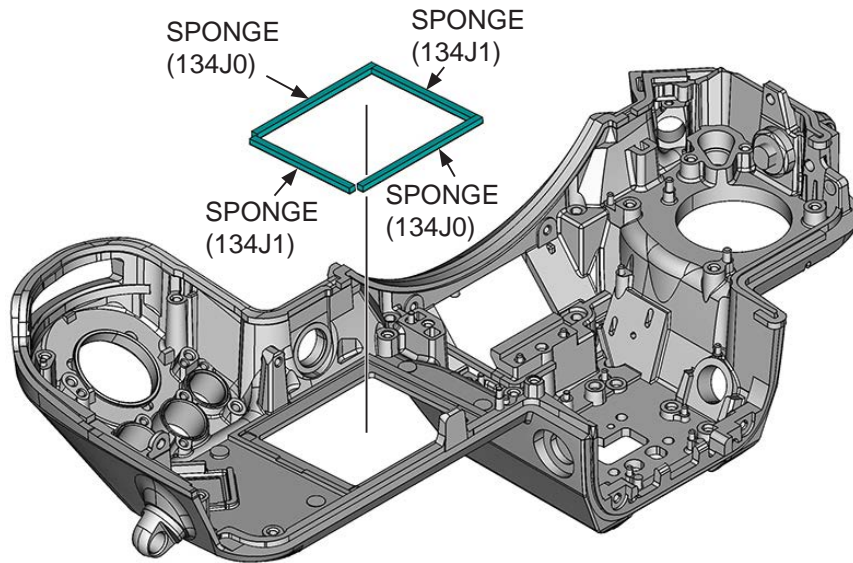


SYNC TERMINAL

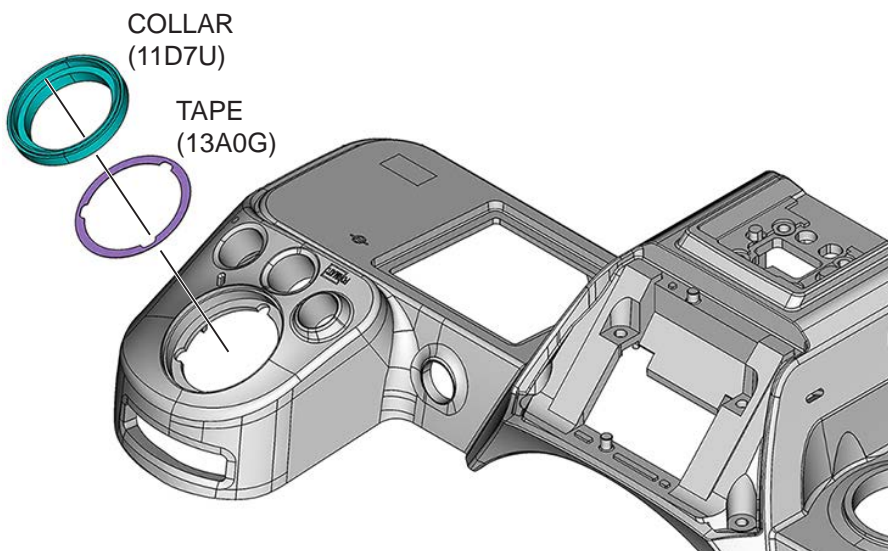
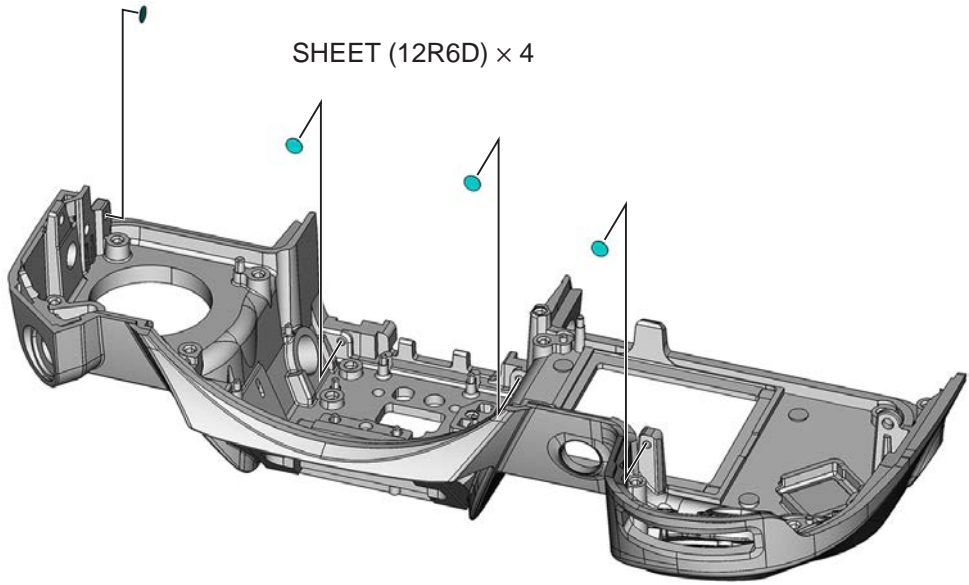
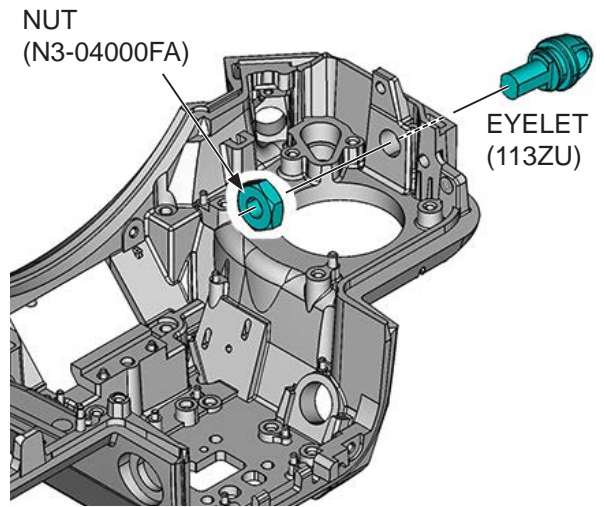
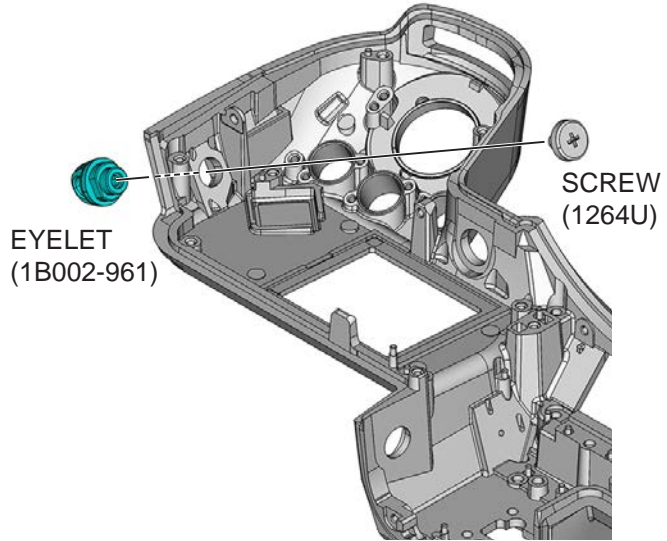


TOP COVER UNIT



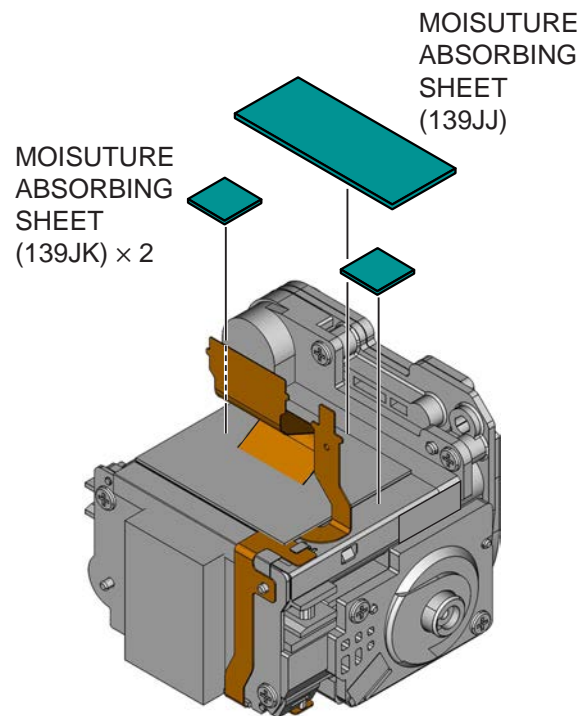
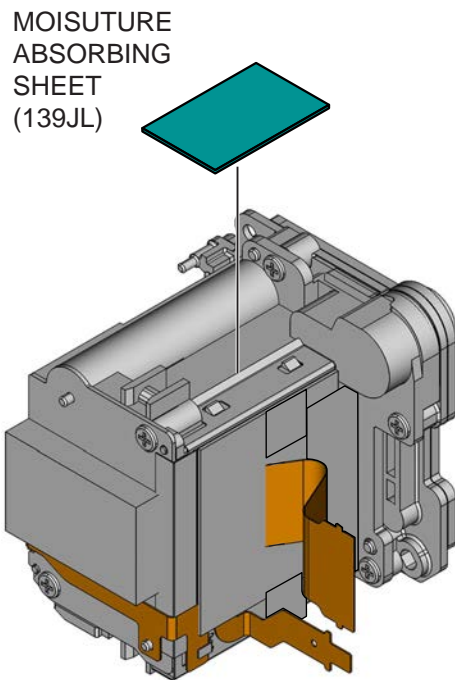
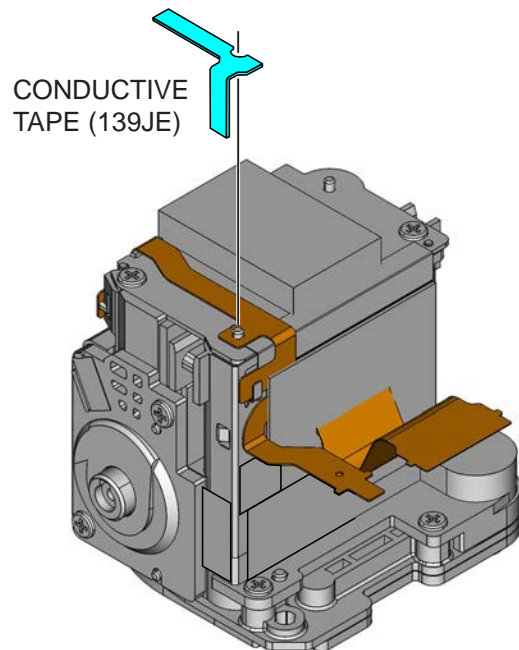
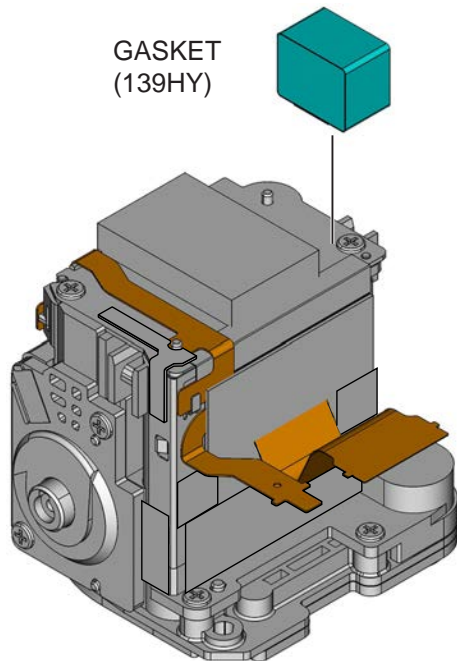


EYELET

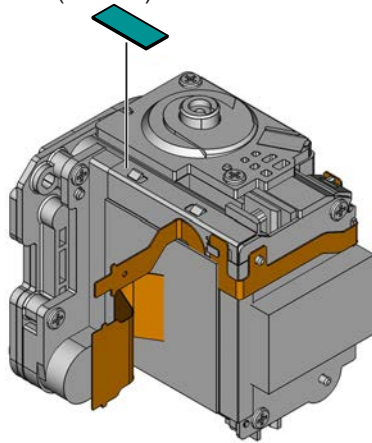


4. EVF unit

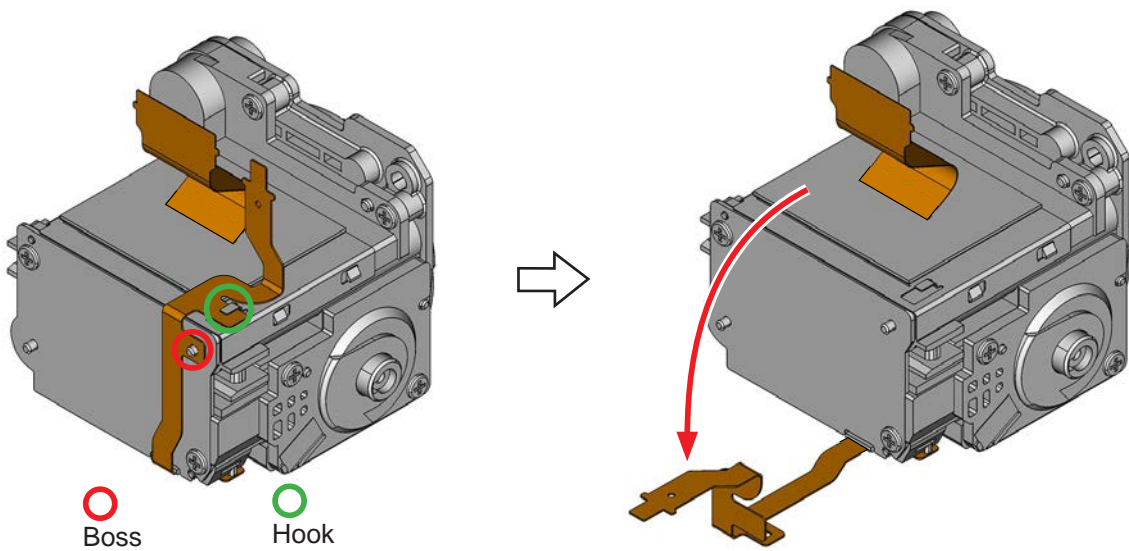
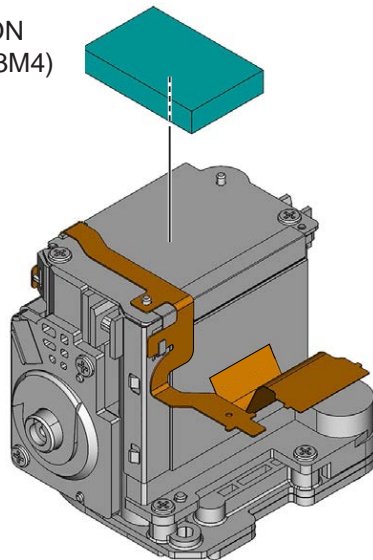
EYEPIECE BLOCK UNIT

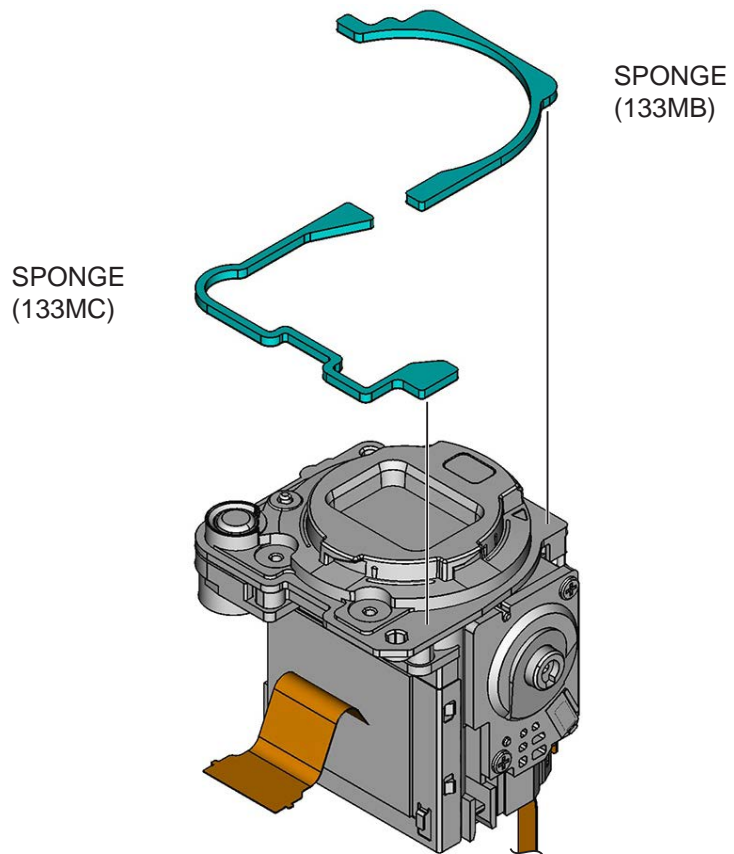
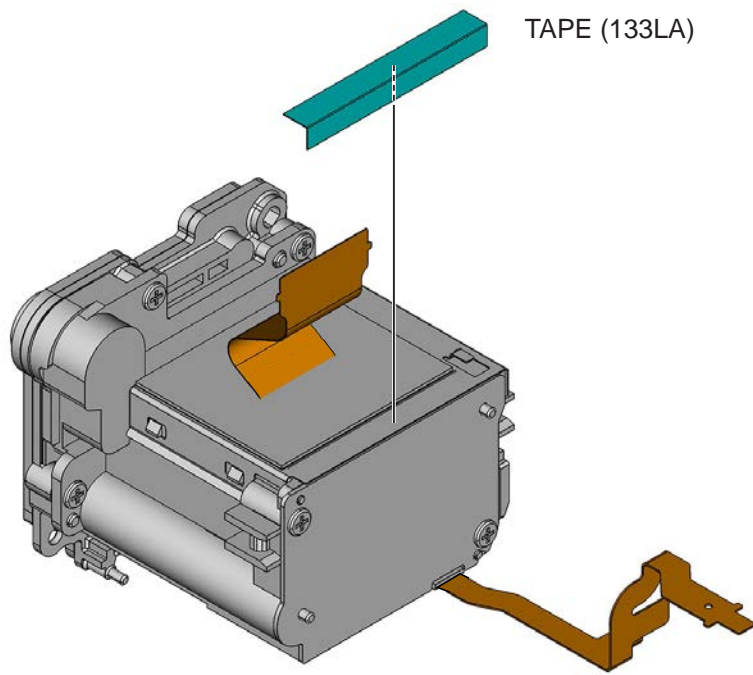


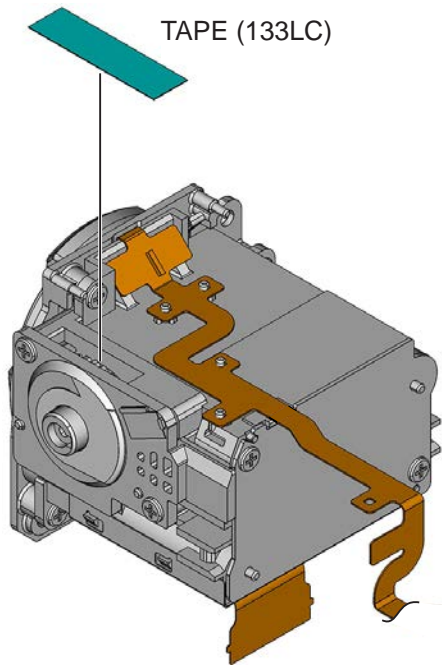
MOISUTURE
ABSORBING
SHEET (139JM)



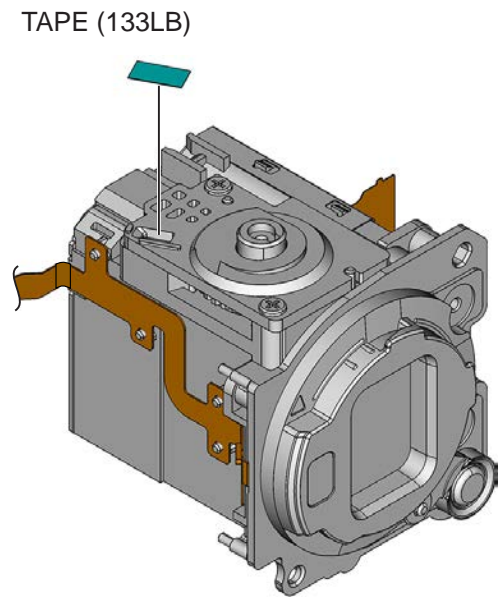
HEAT
DISSIPATION
SHEET (133M4)





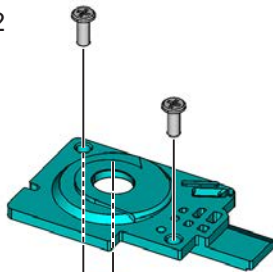


TAPE (133LC)



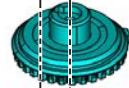
TAPE (133LB)

SCREW
(6A-17040FD2) × 2



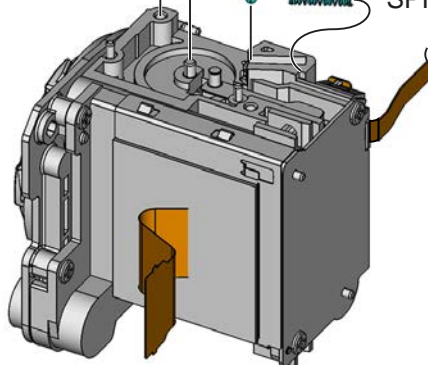
DIOPTER ADJUSTMENT
CAM CASE (133KK)

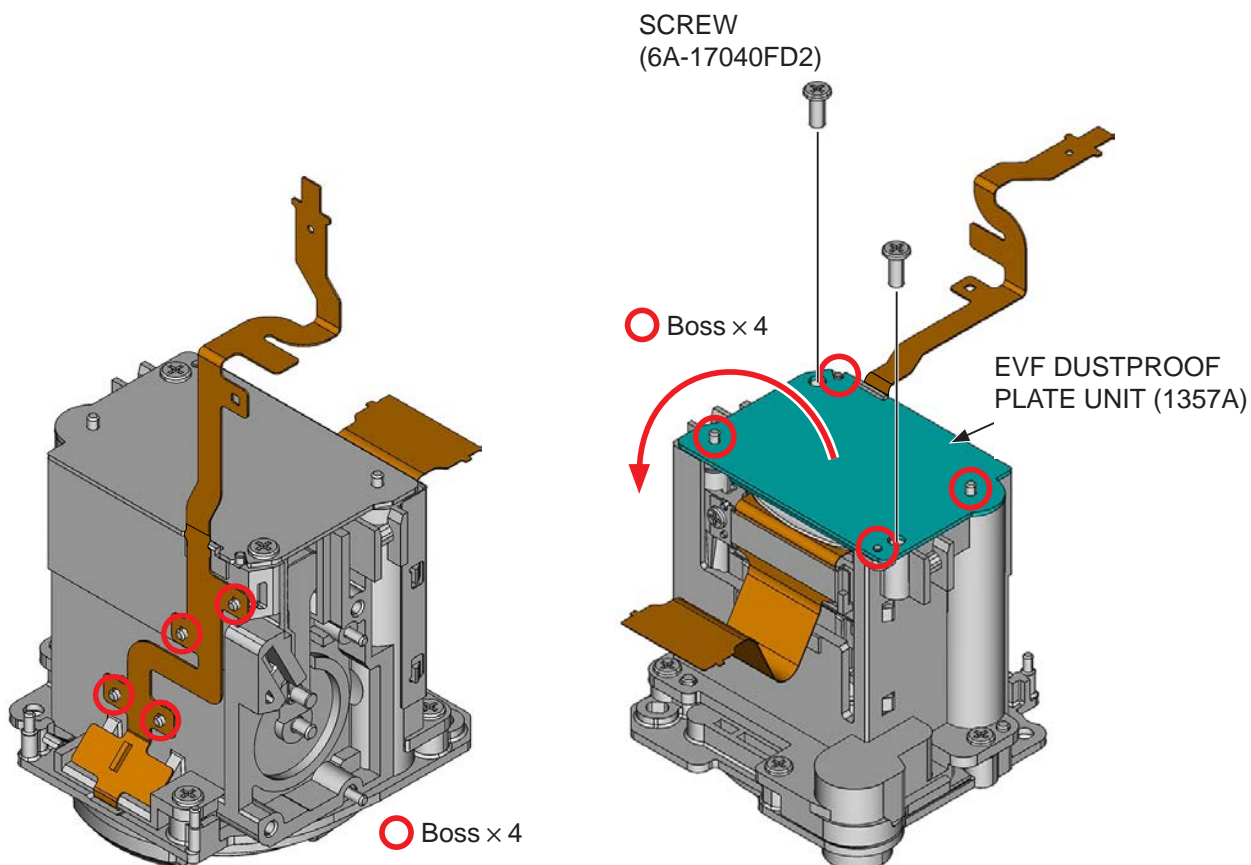
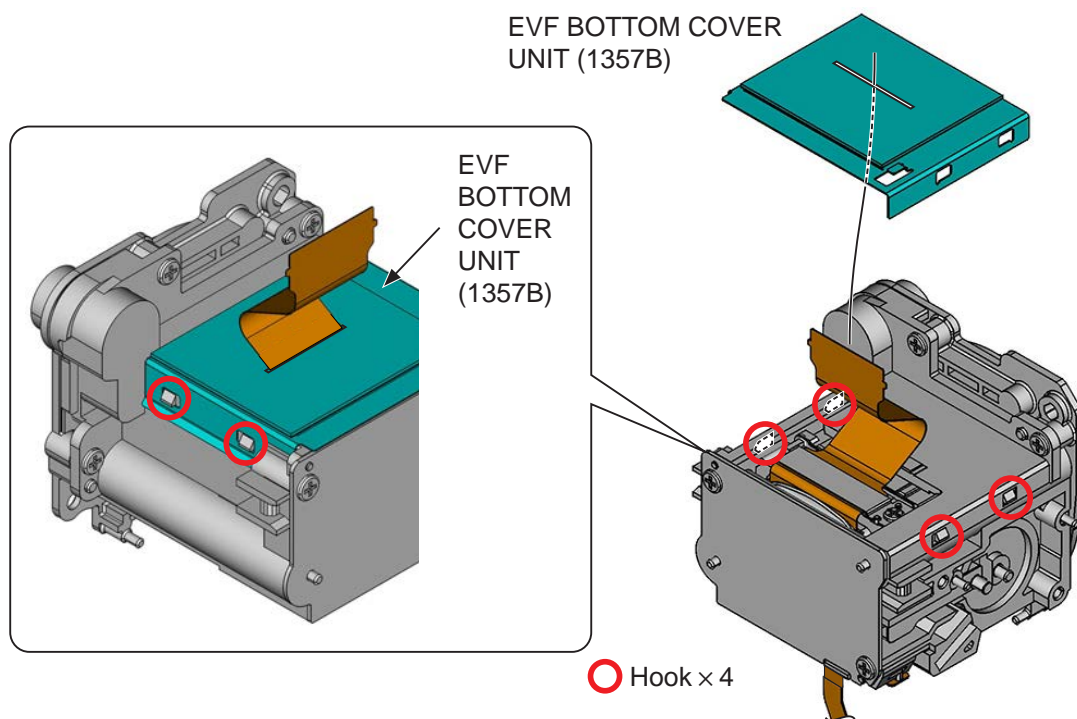
DIOPTER ADJUSTMENT
CAM (133KJ)



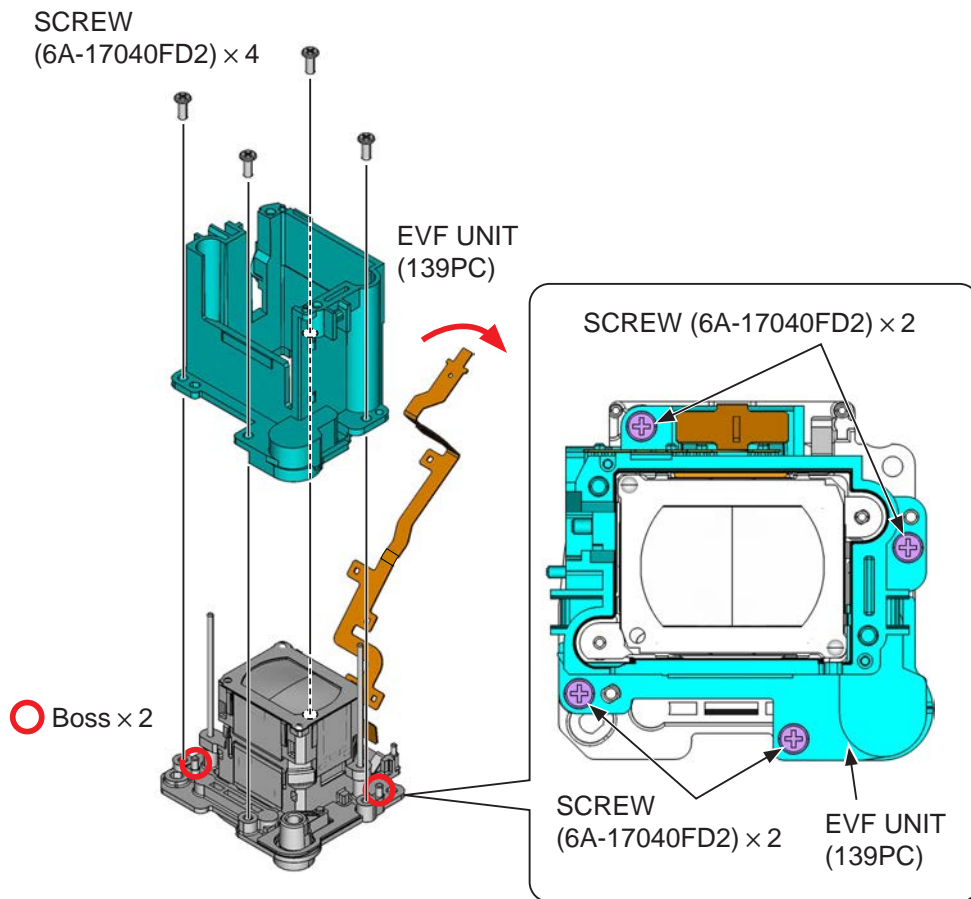
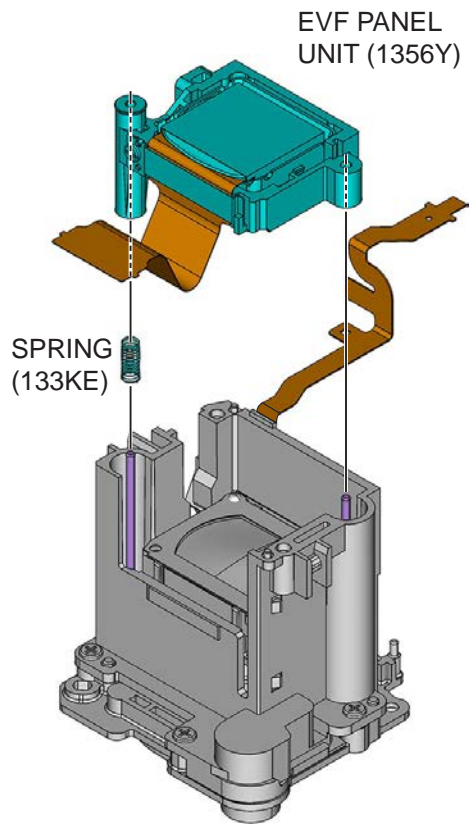
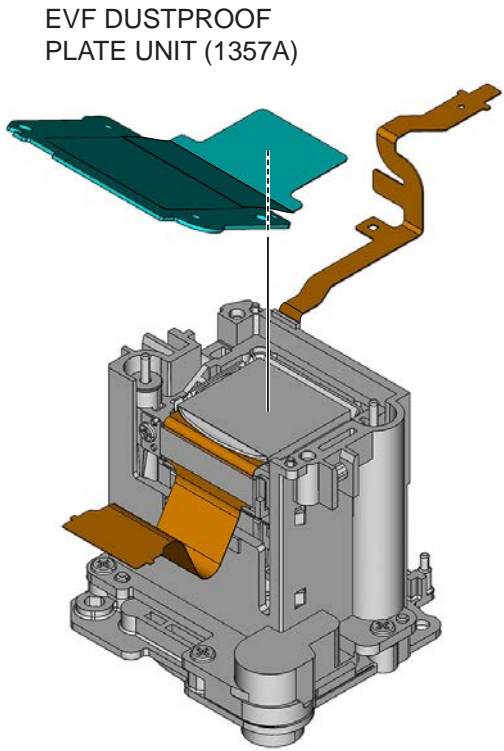
CLICK BALL
(T1-01500SX1)

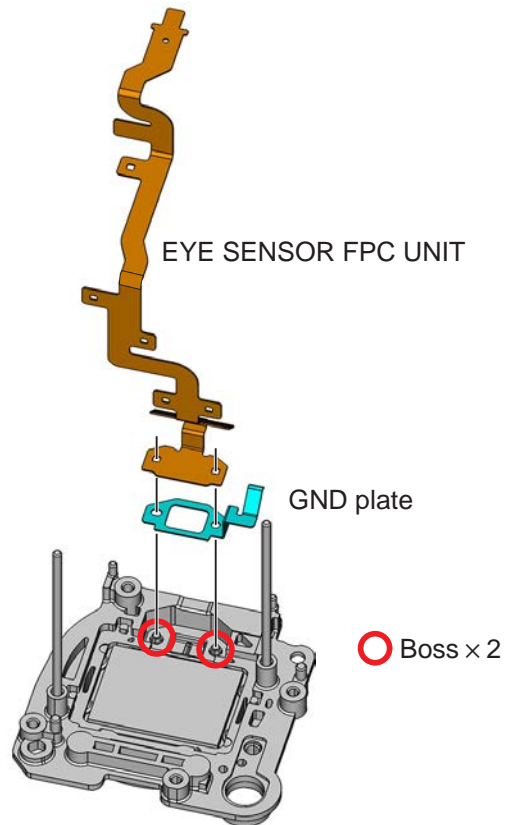
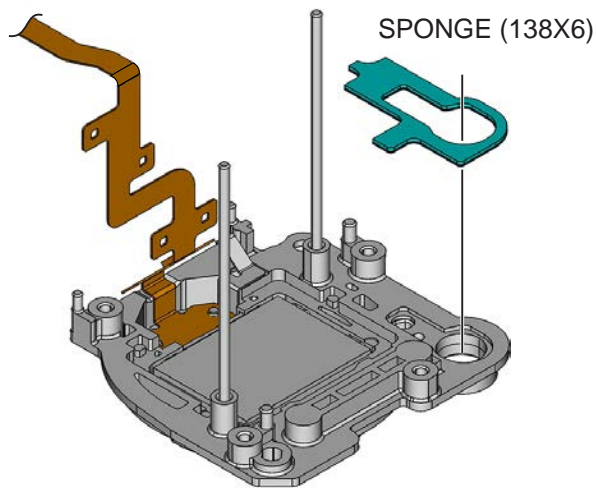
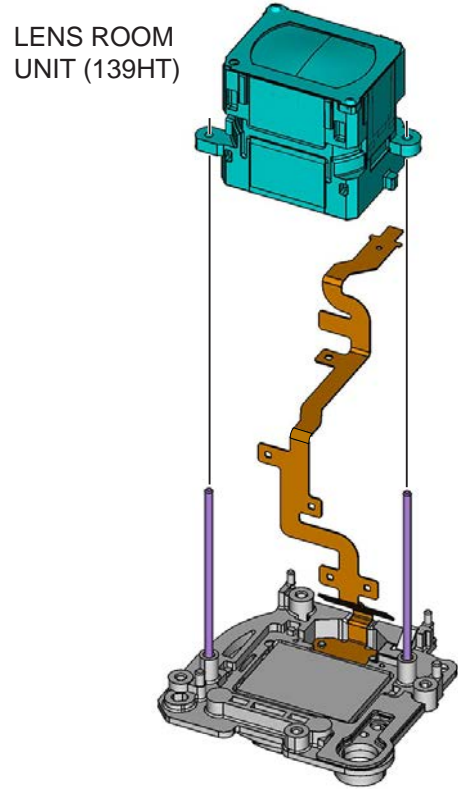
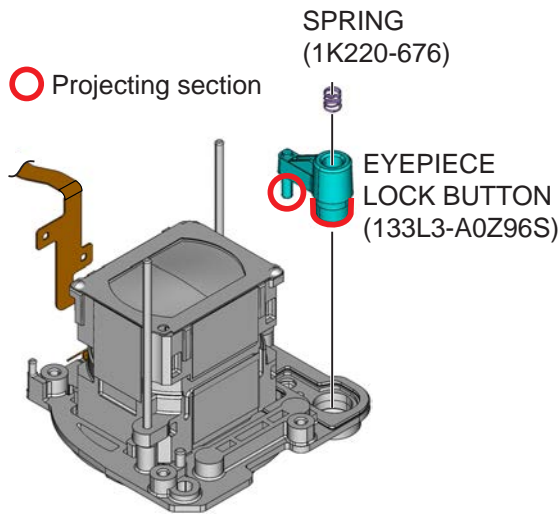
SPRING (133KL)



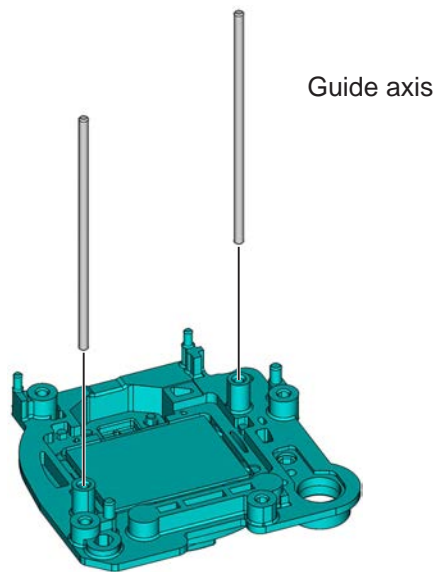


EVF PANEL UNIT



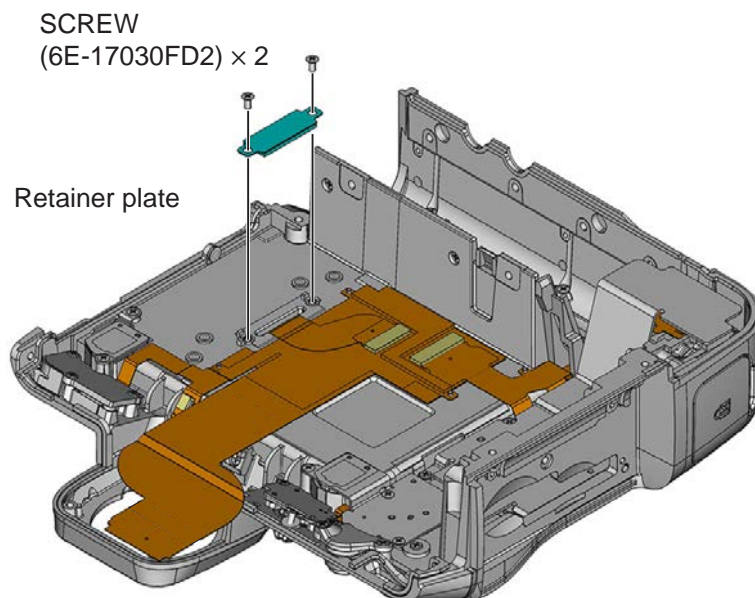
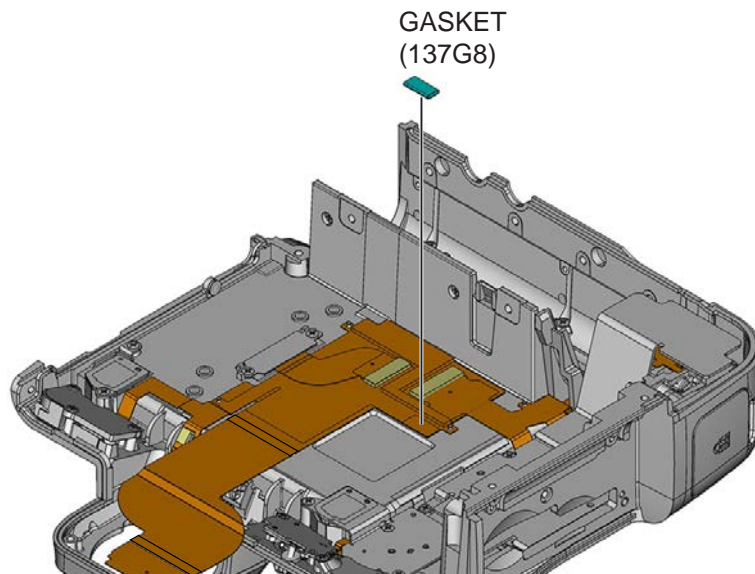


EYEPIECE
BLOCK UNIT
(1356B-A0V9J5)

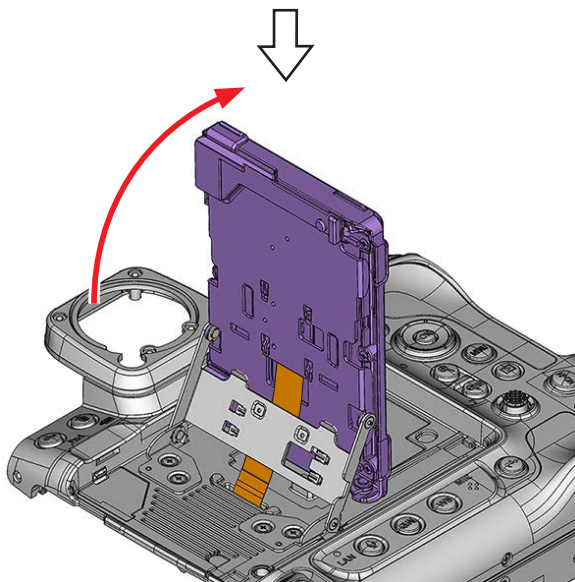
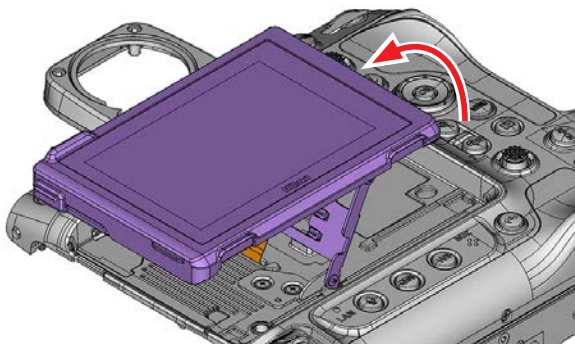
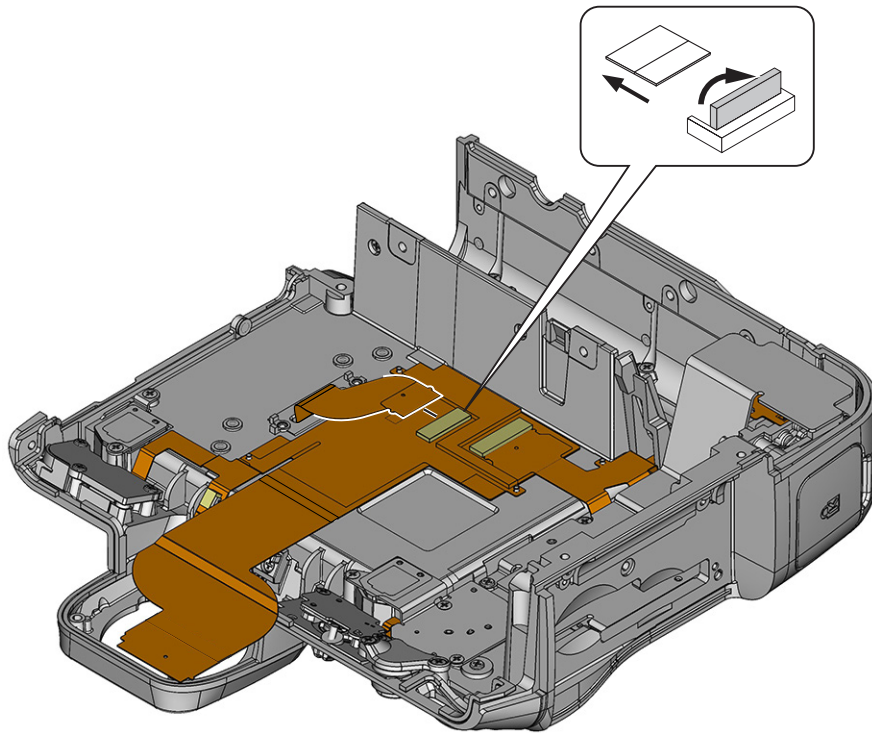


5. Rear cover

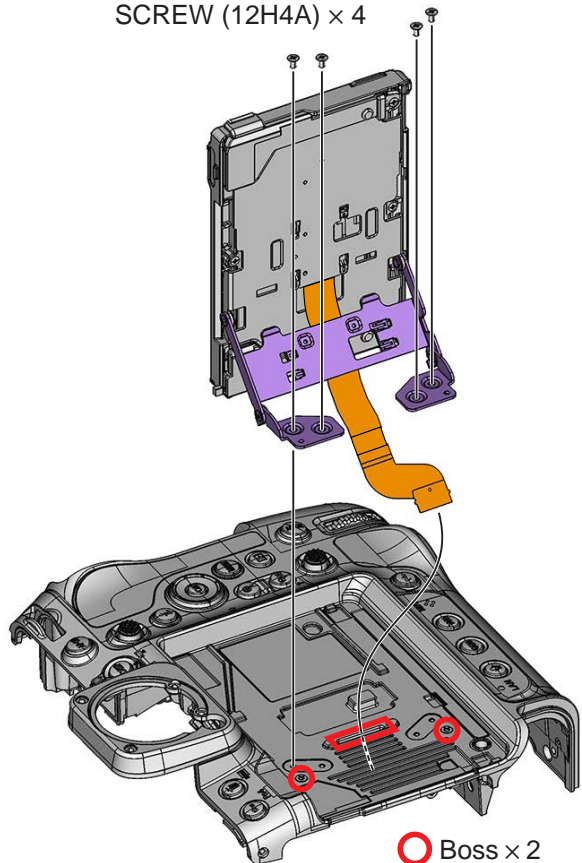
REAR COVER UNIT

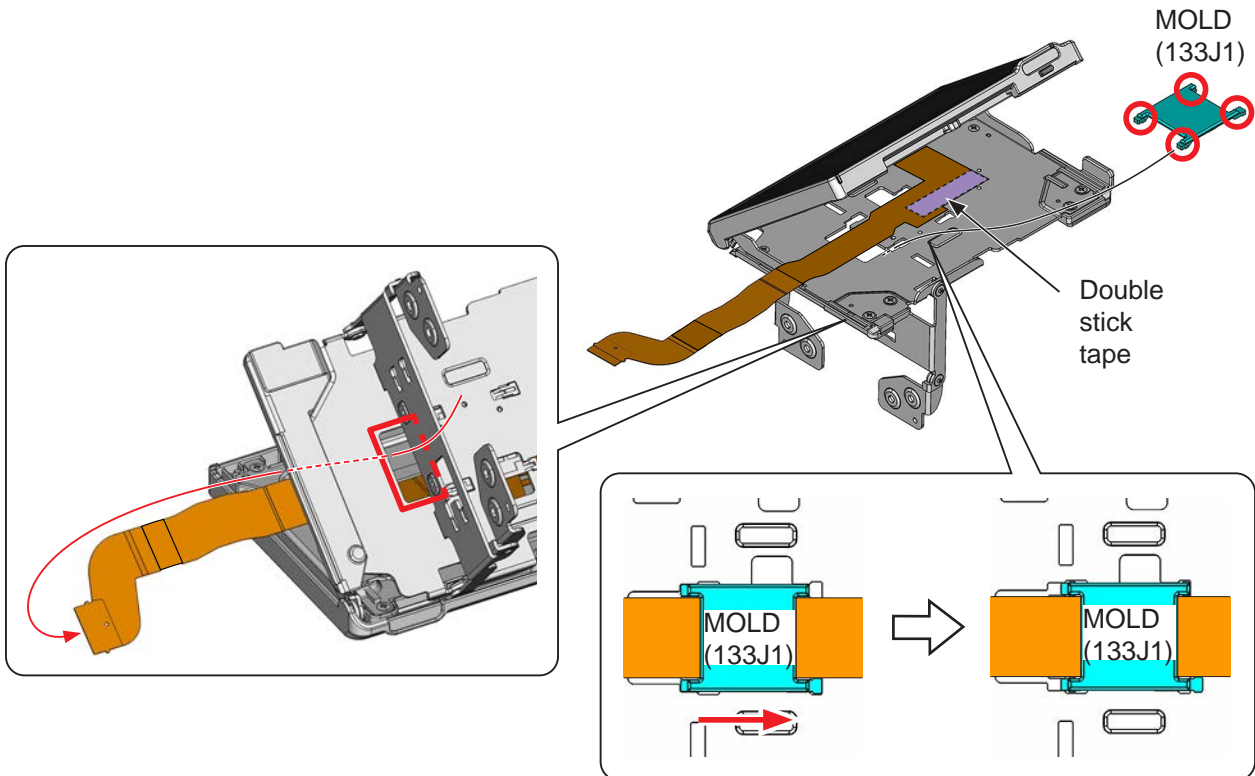
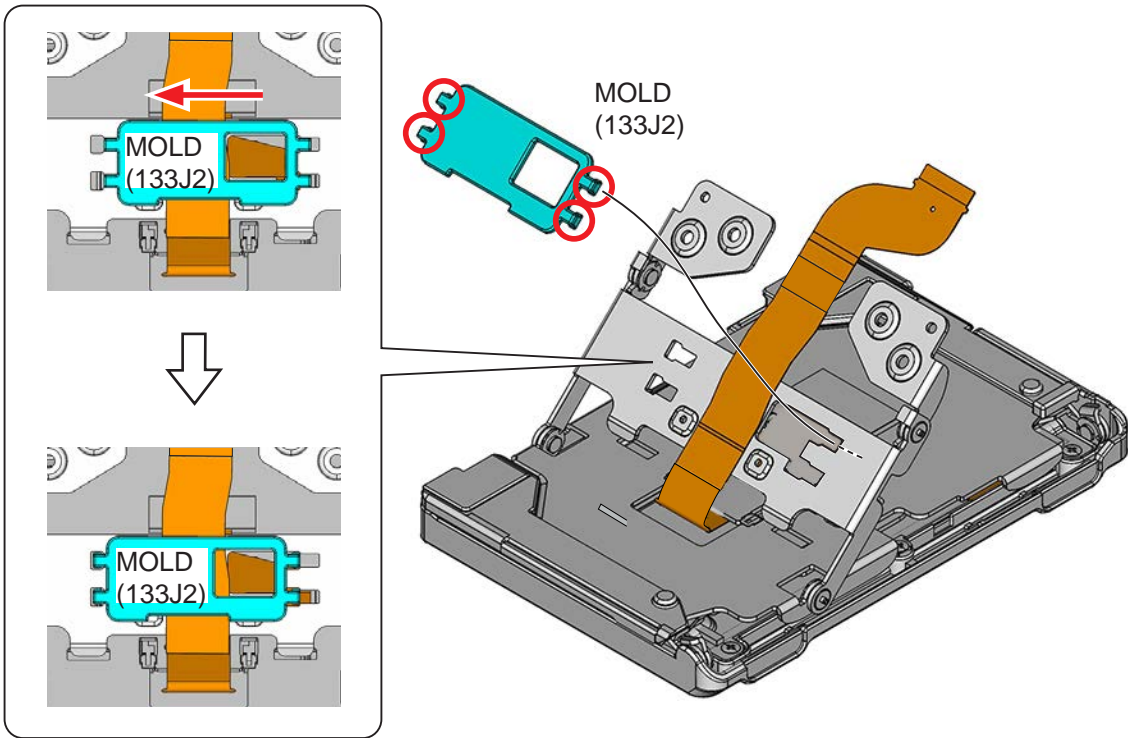


TFT MONITOR UNIT

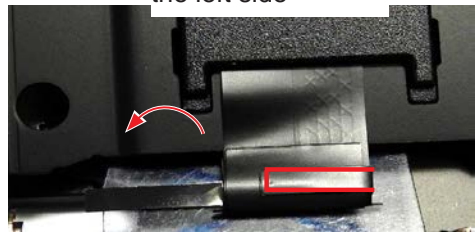
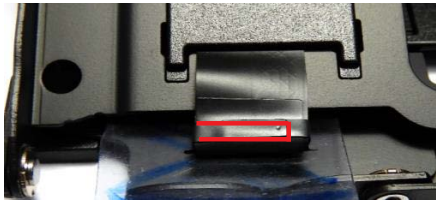
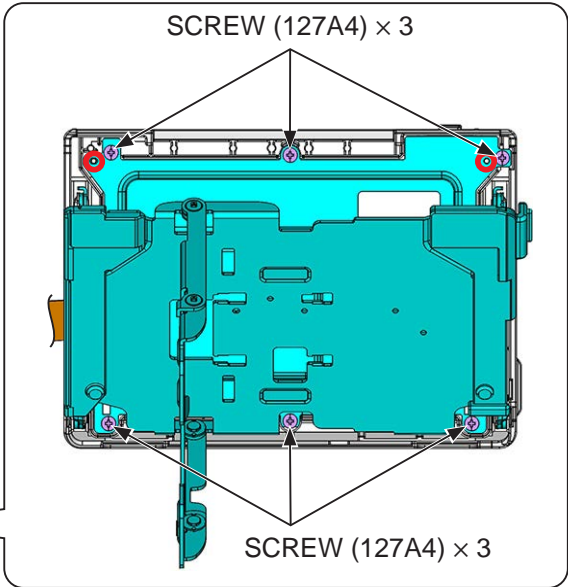
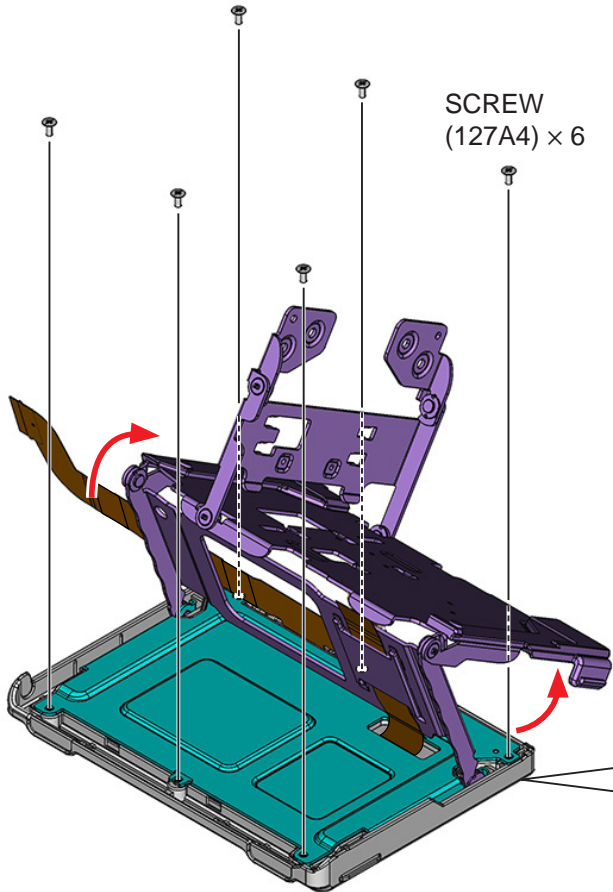


SCREW (12H4A) × 4





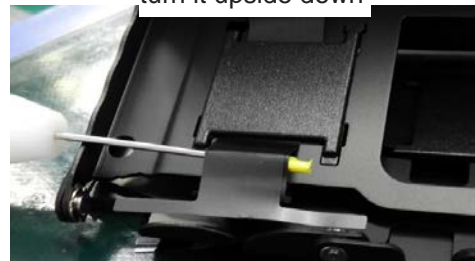
TILT UNIT



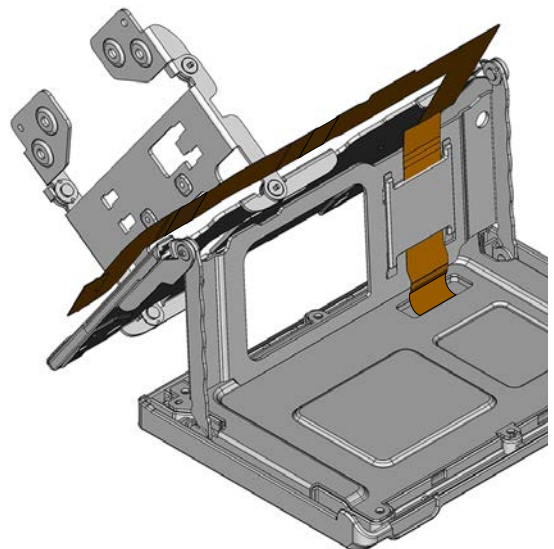
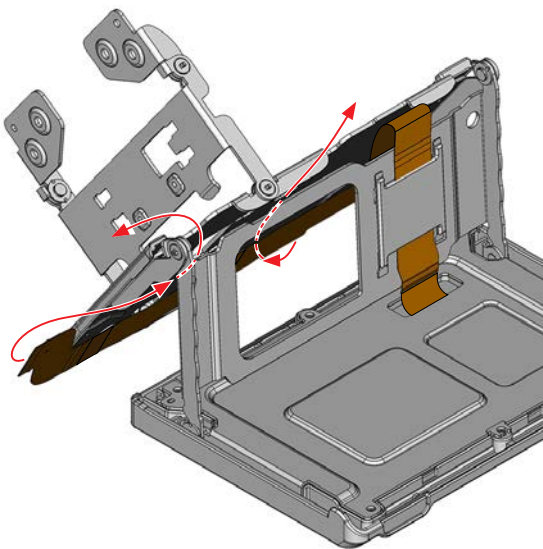
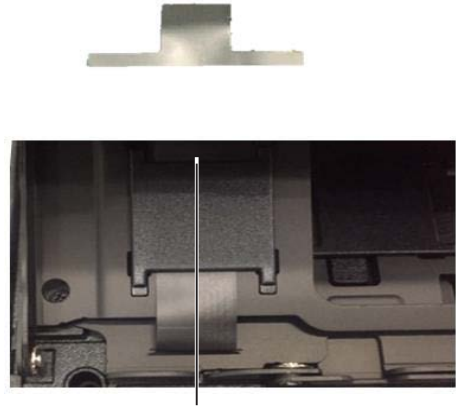
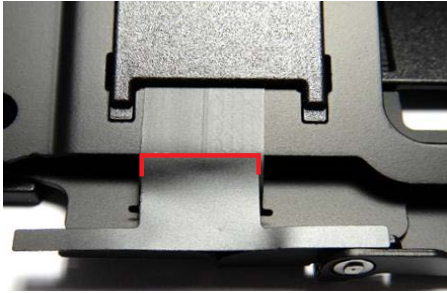
Unfold the tape on the left side

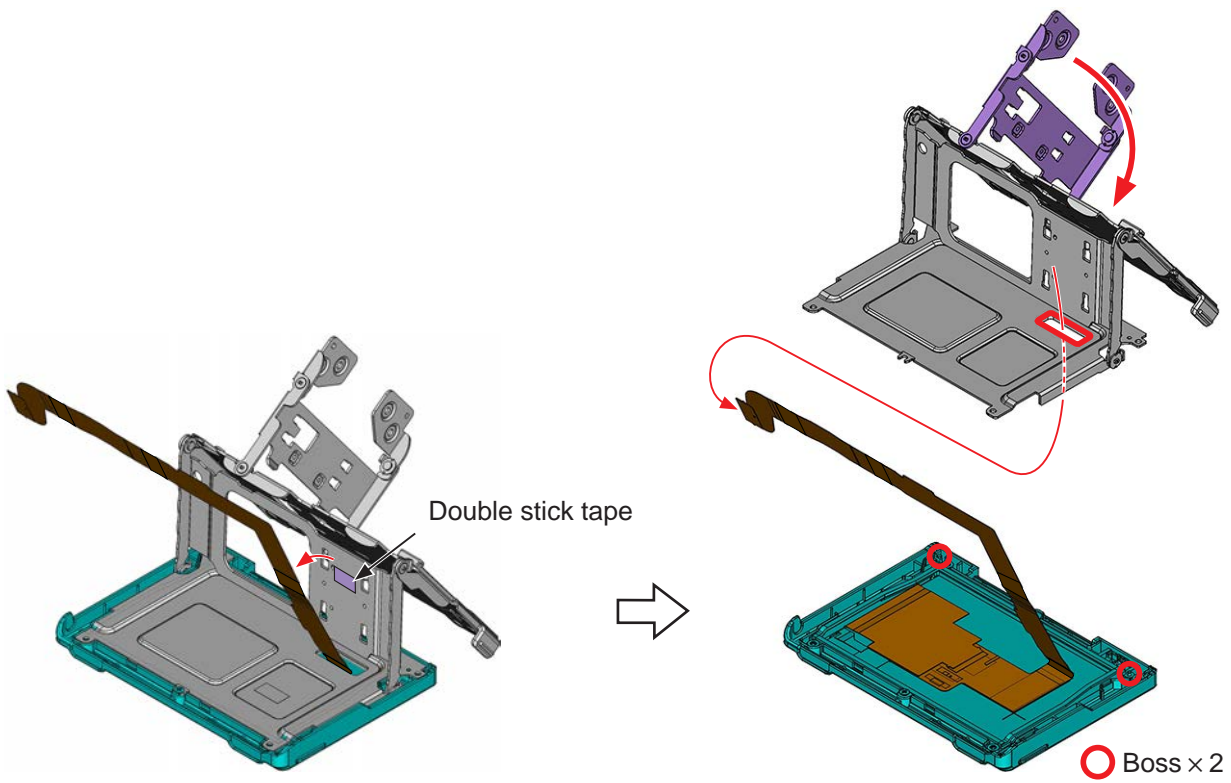
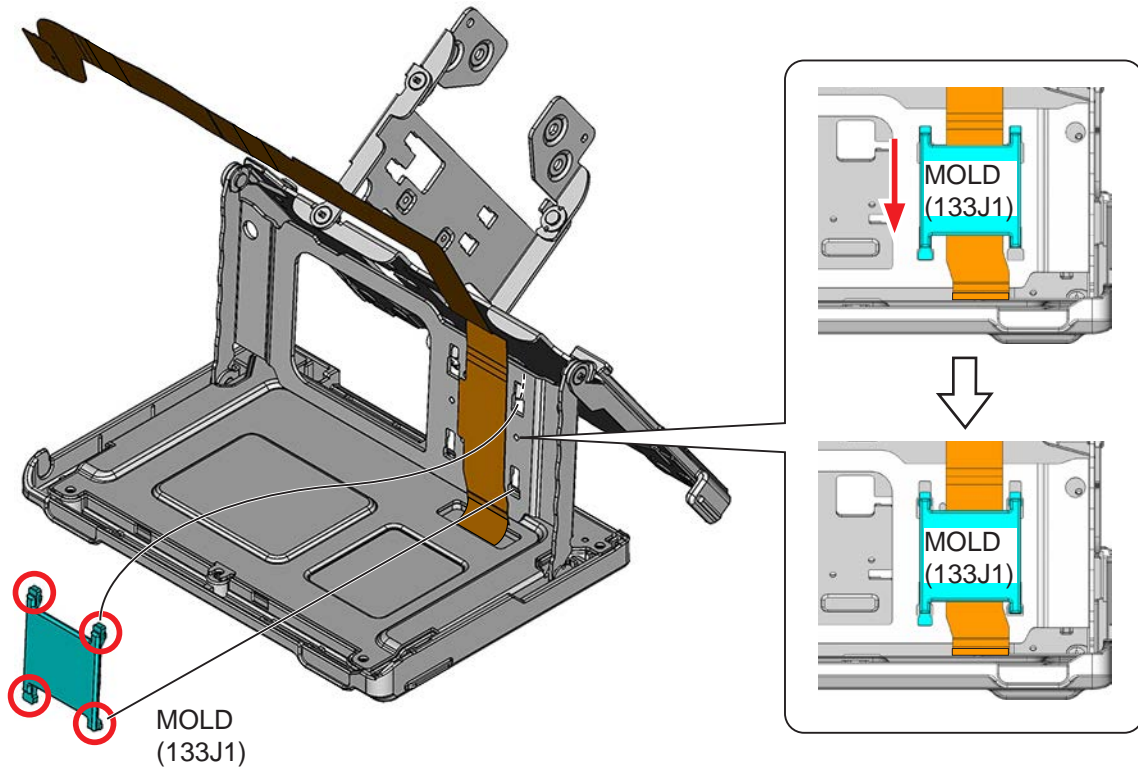


Unfold the tape on the right side

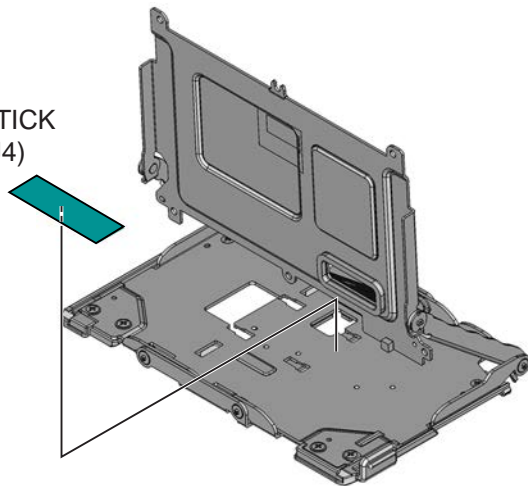


Lift the FPC and turn it upside down

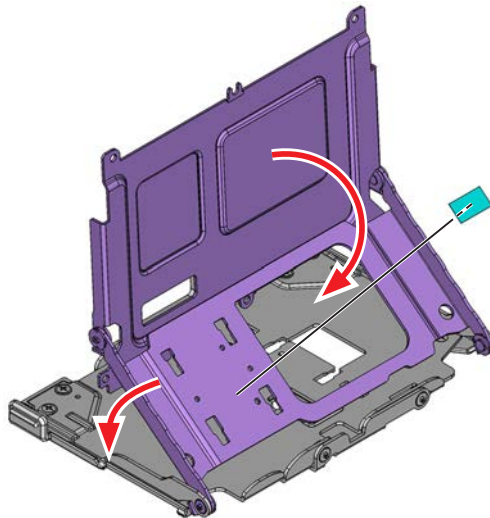




DOUBLE STICK
TAPE (133J4)



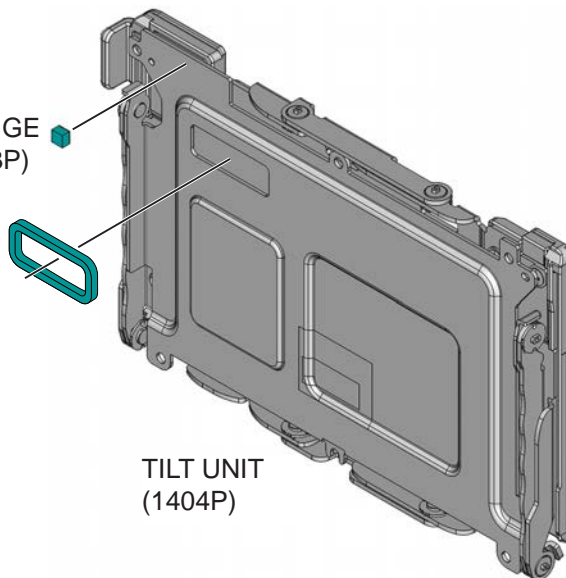
DOUBLE STICK TAPE
(133J3)



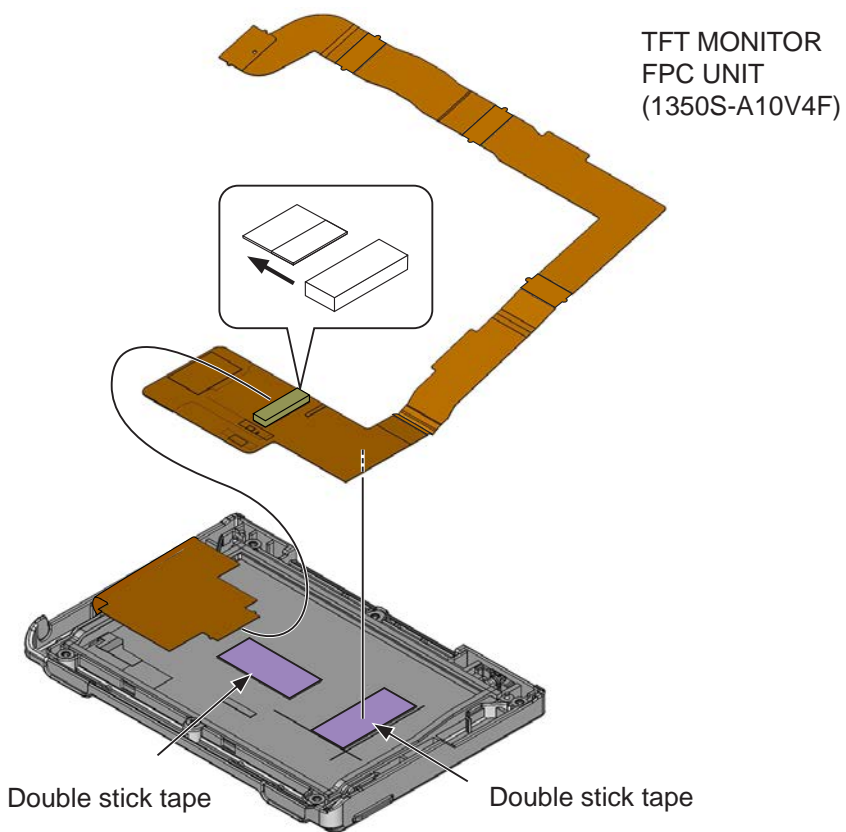
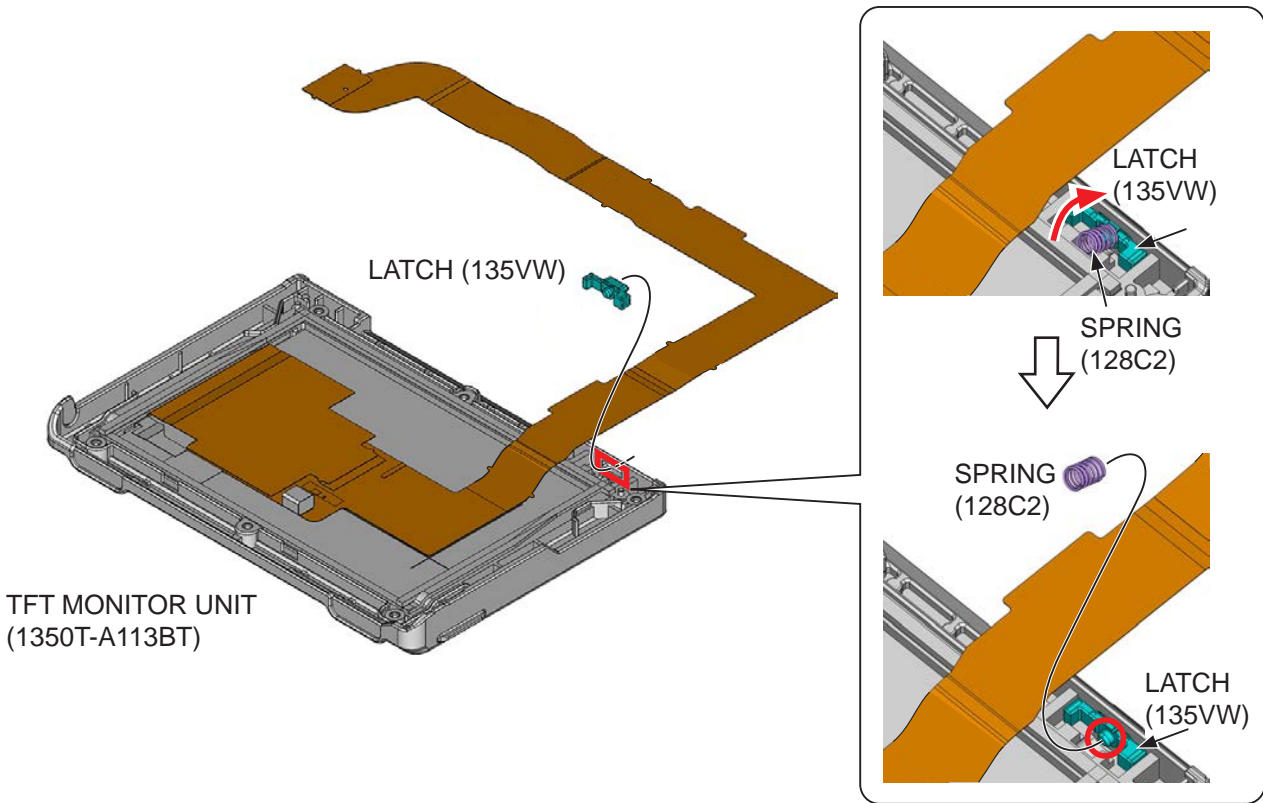
SPONGE
(11W3P)

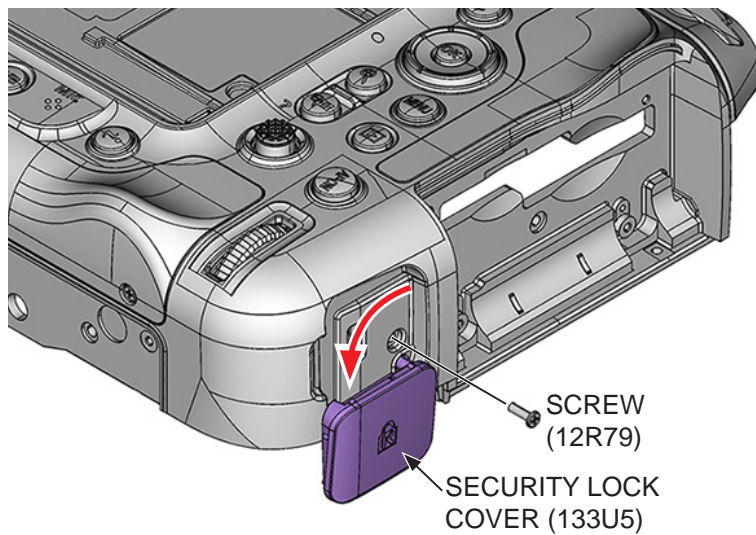
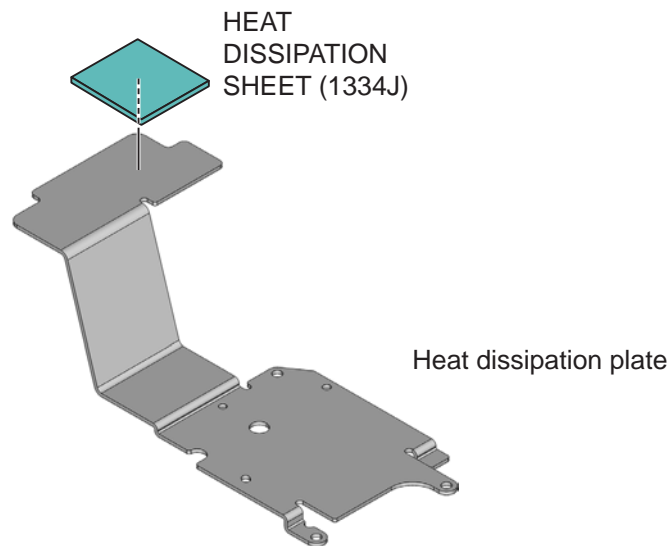
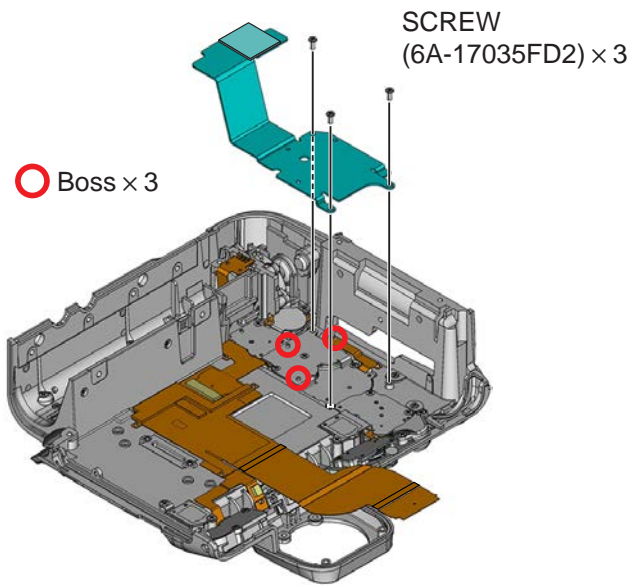
SPONGE
(133HV)

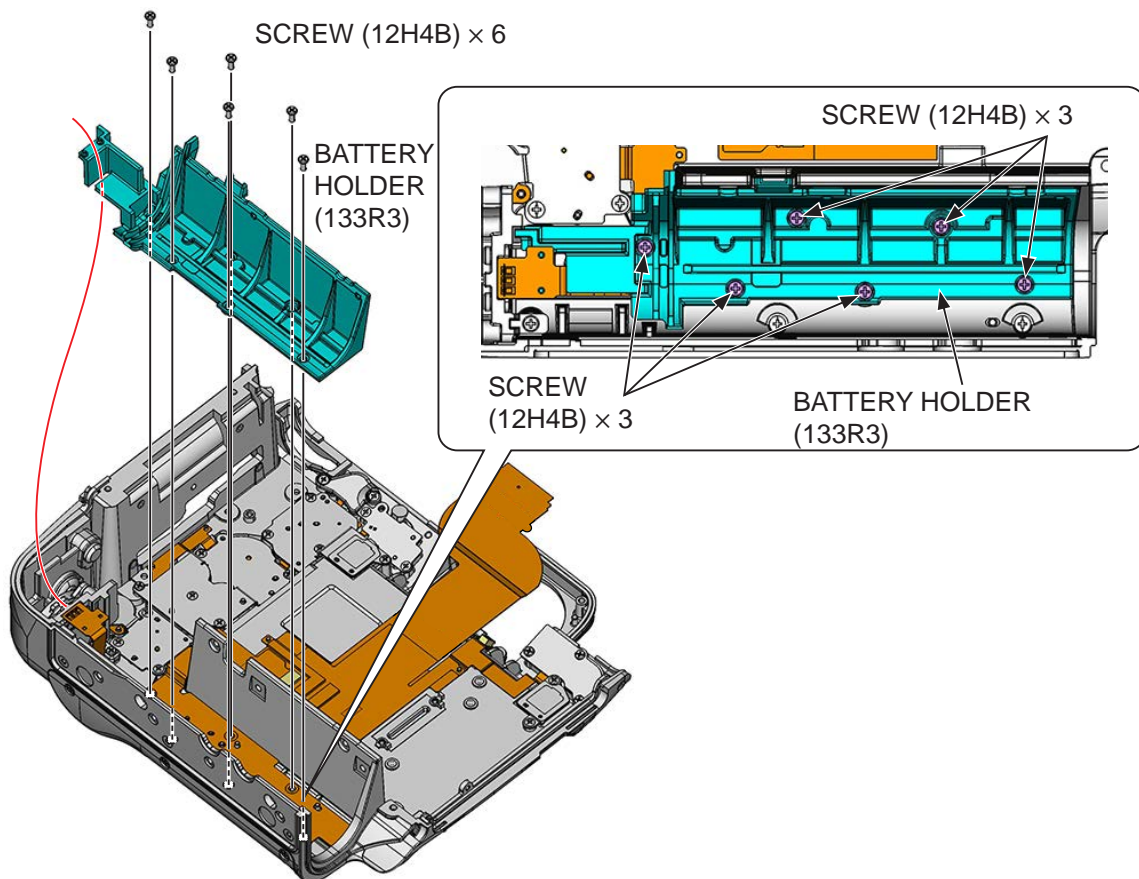
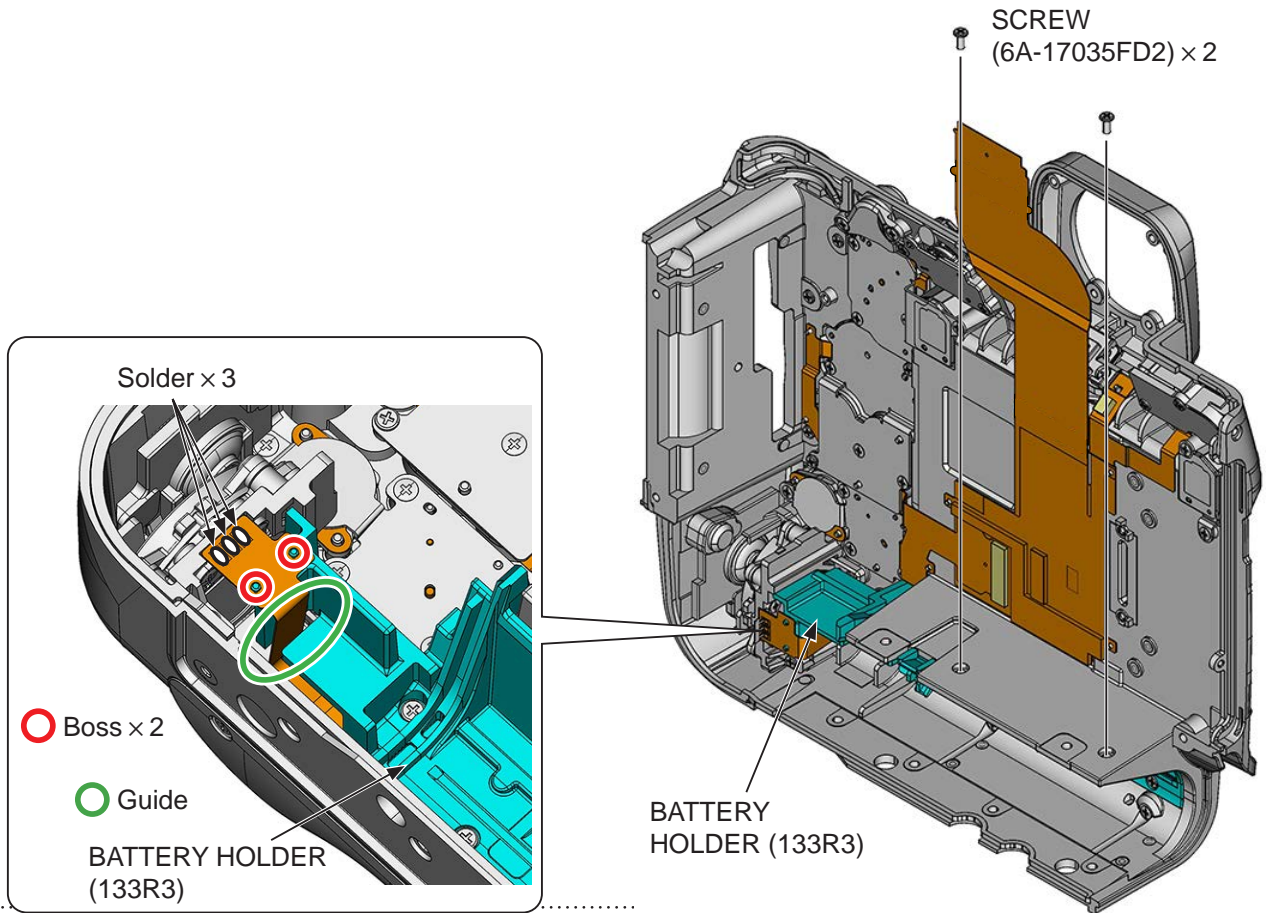
TILT UNIT
(1404P)

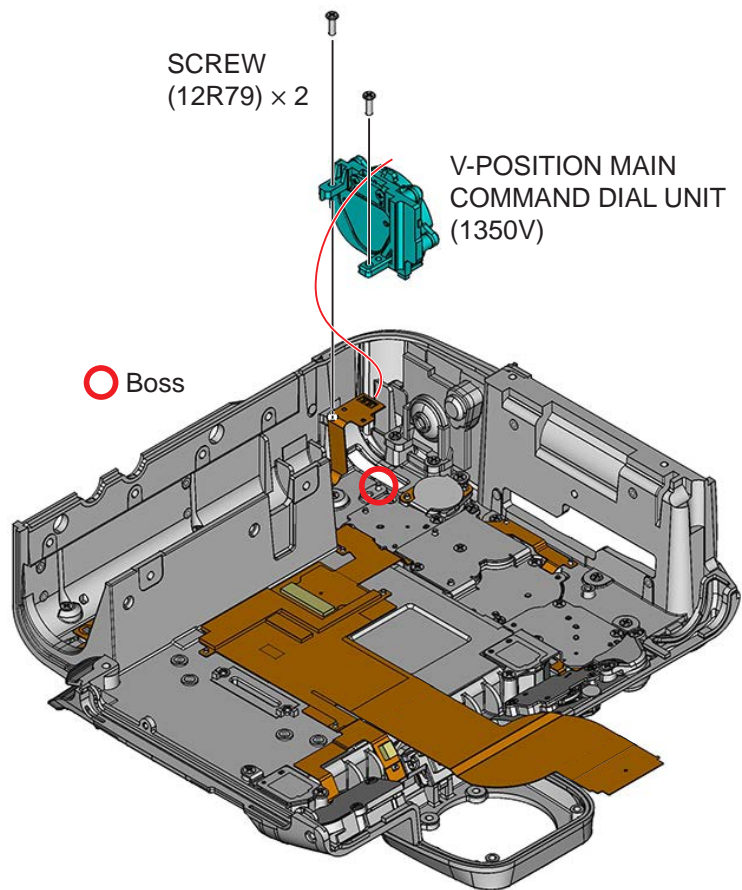


TFT MONITOR UNIT

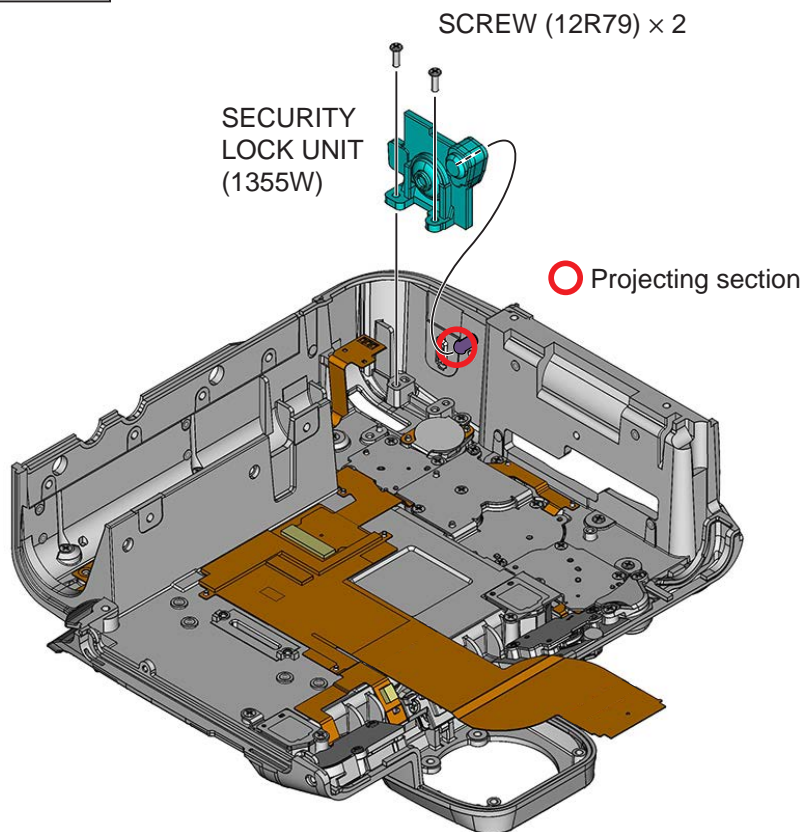


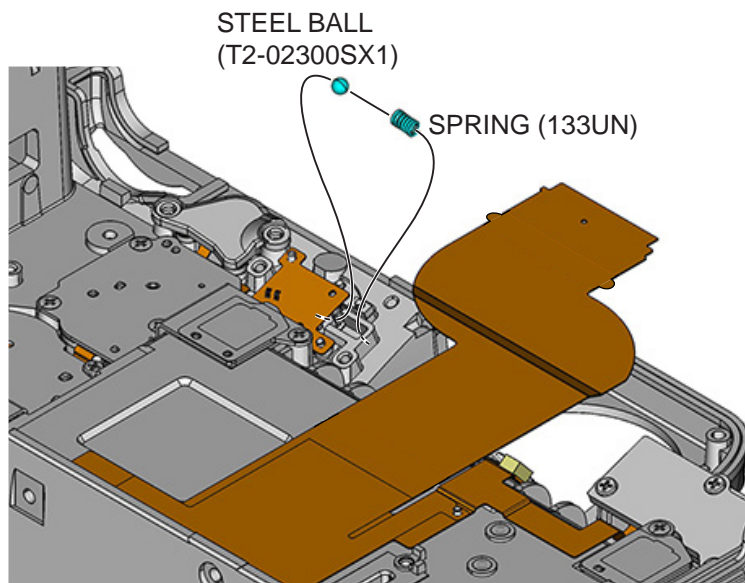
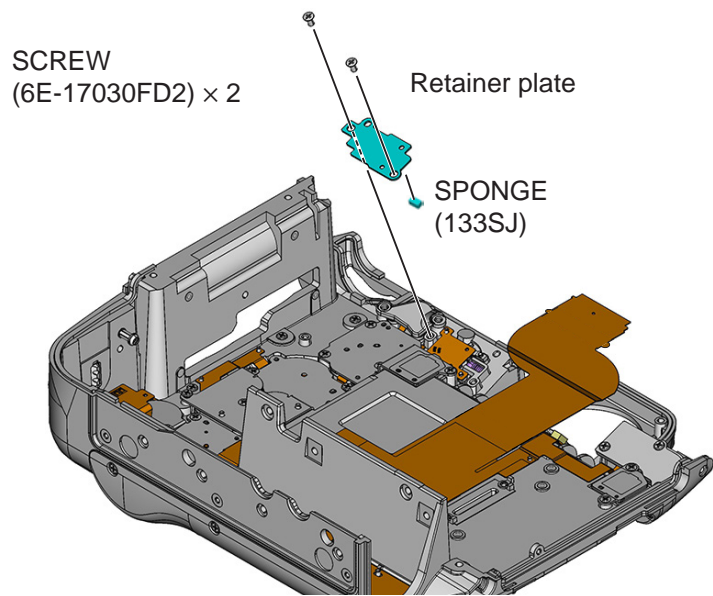
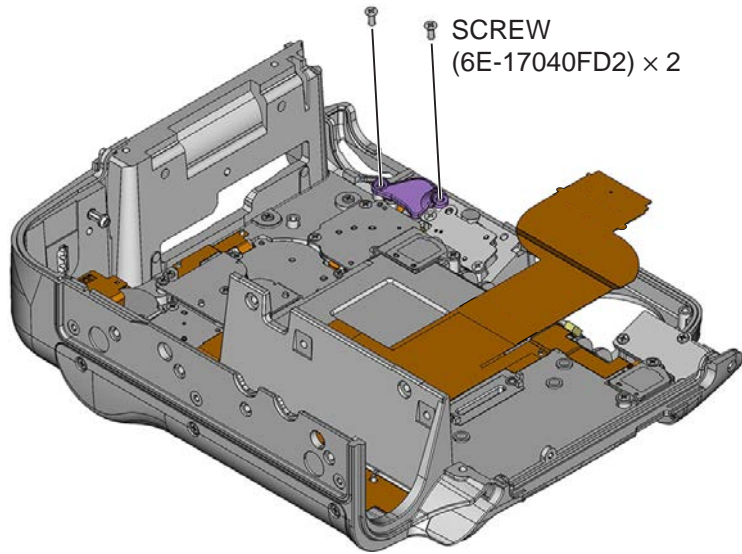


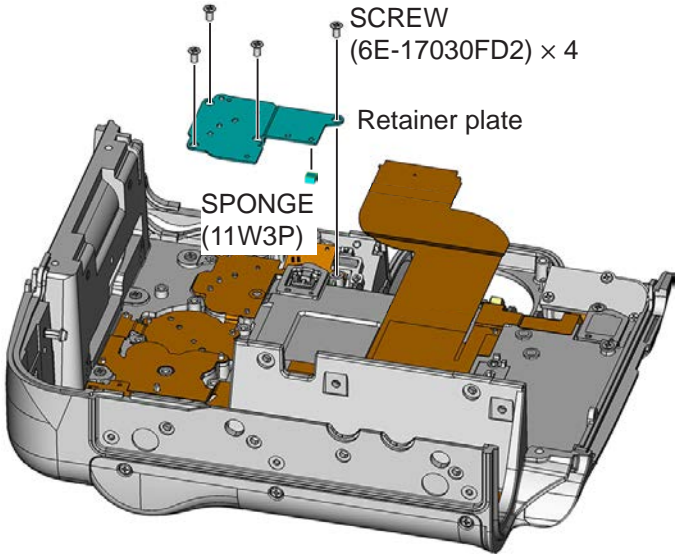
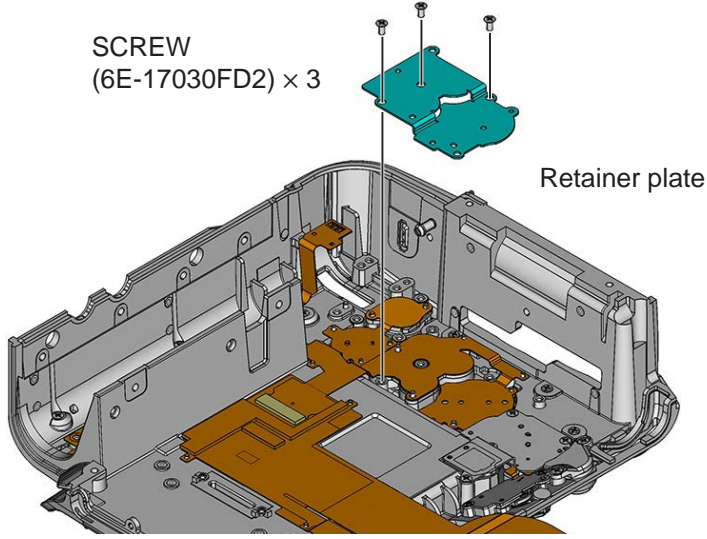
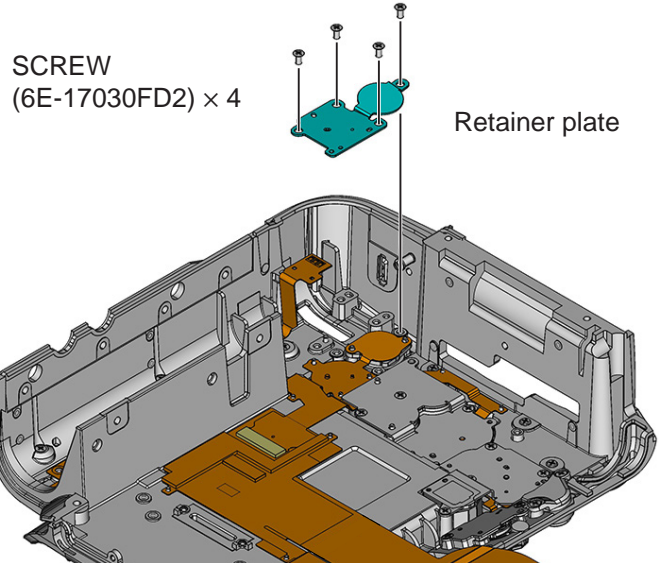




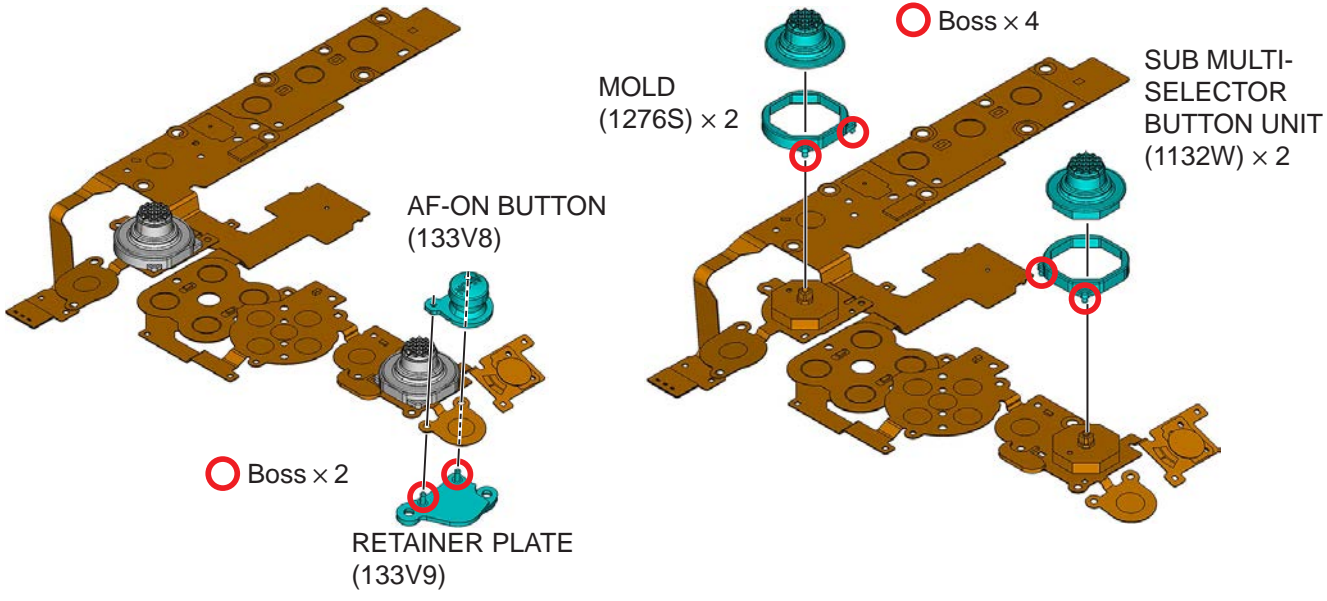
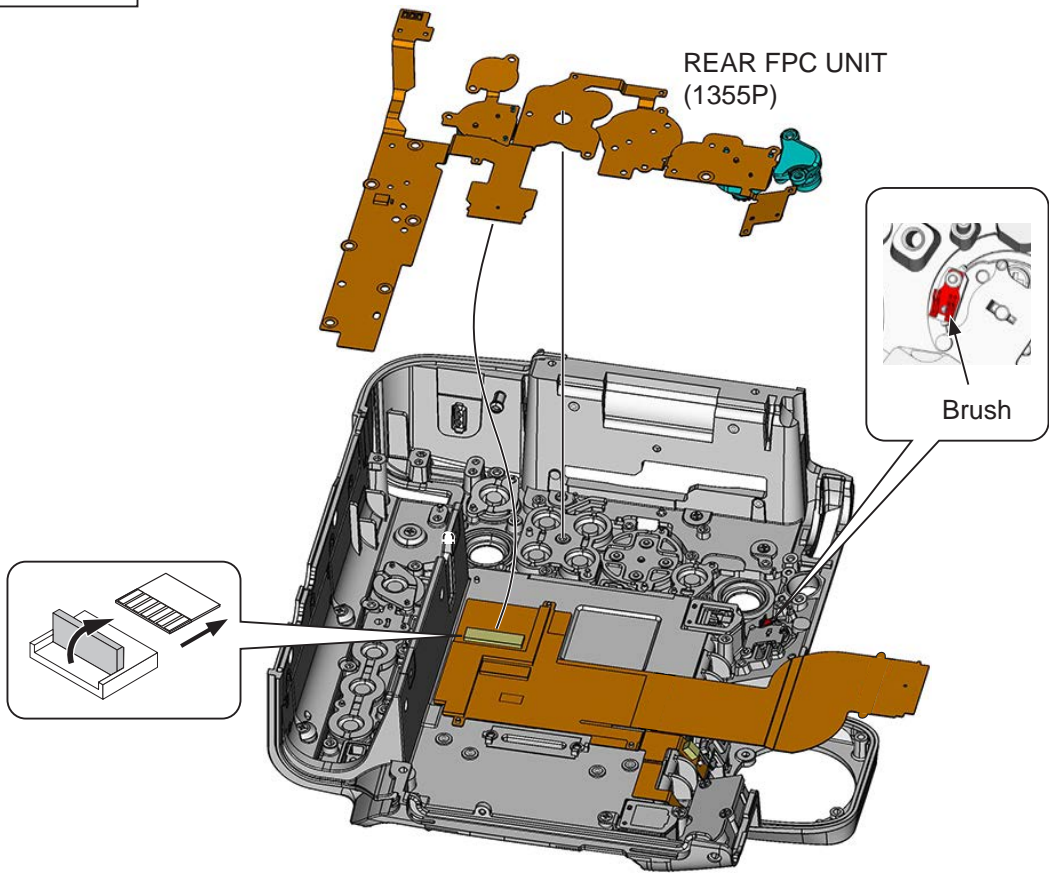
SECURITY LOCK UNIT

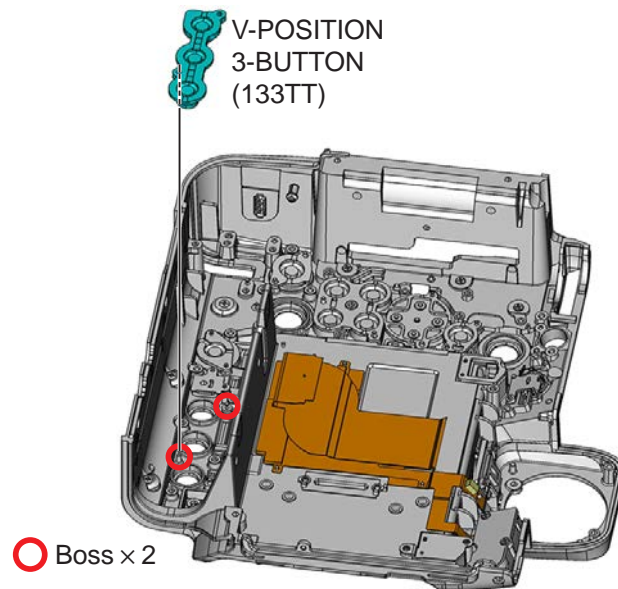
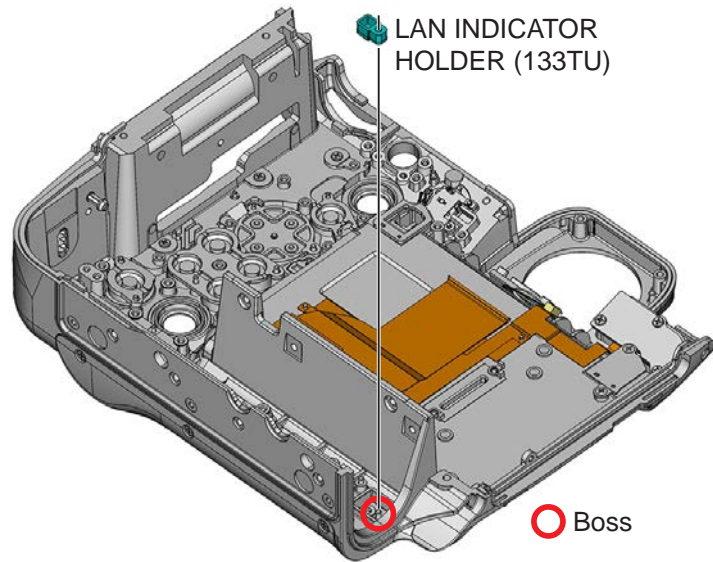
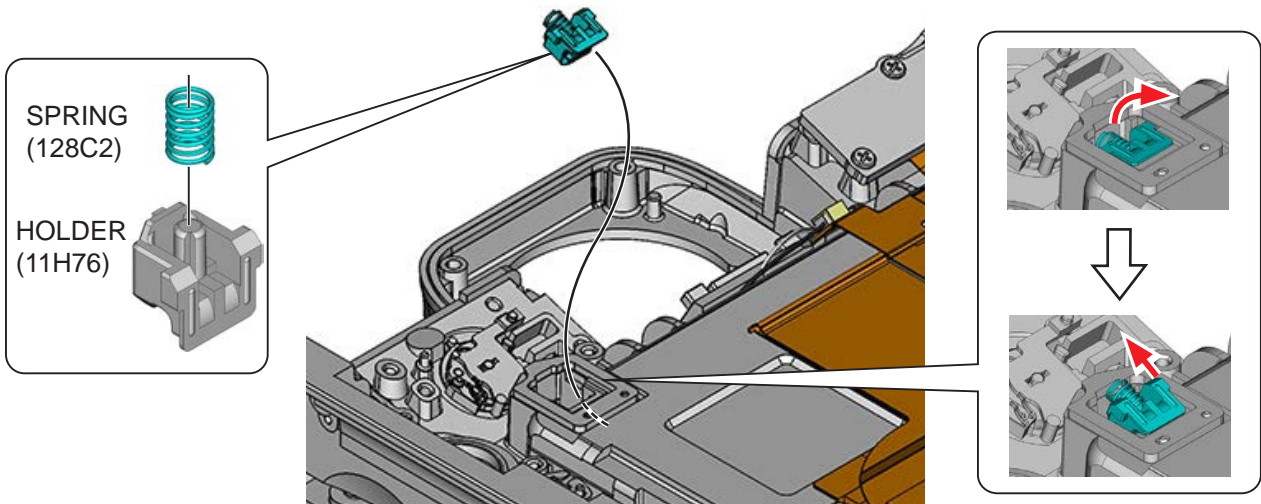




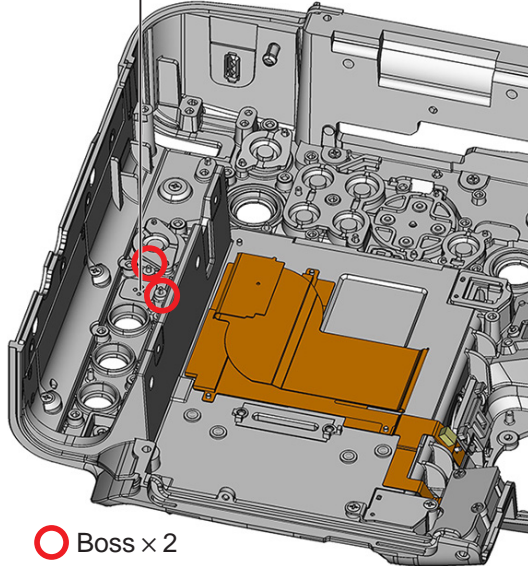


REAR FPC UNIT





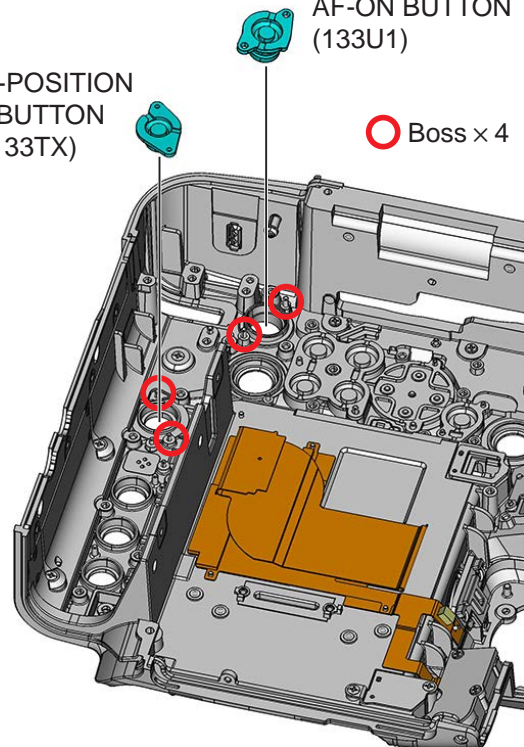
RUBBER
(12P75)



○ Boss × 2

V-POSITION
I BUTTON
(133TX)

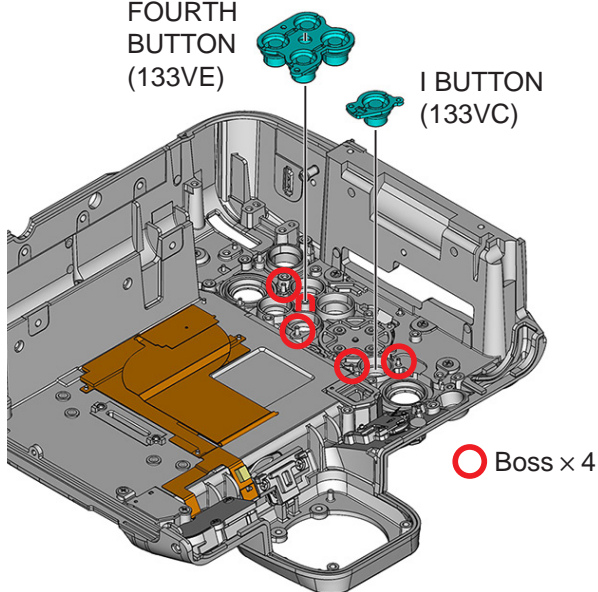
V-POSITION
AF-ON BUTTON
(133U1)



○ Boss × 4

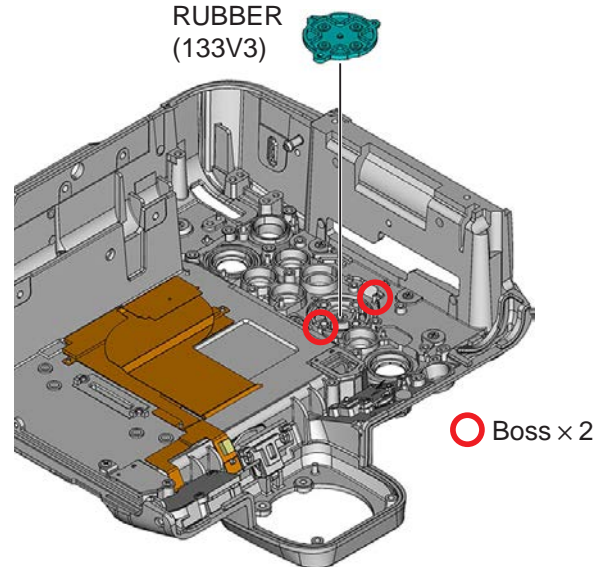
FOURTH
BUTTON
(133VE)

I BUTTON
(133VC)

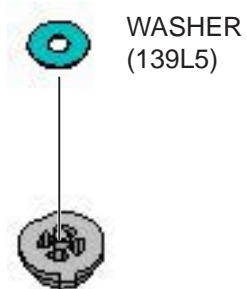
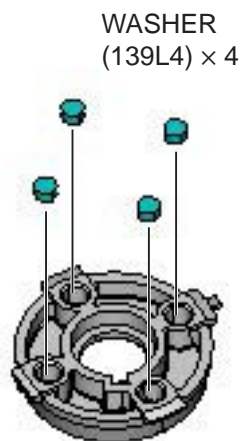
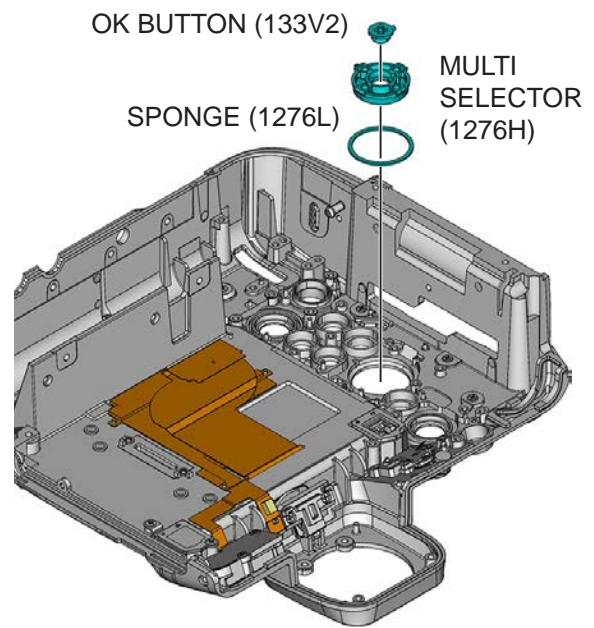
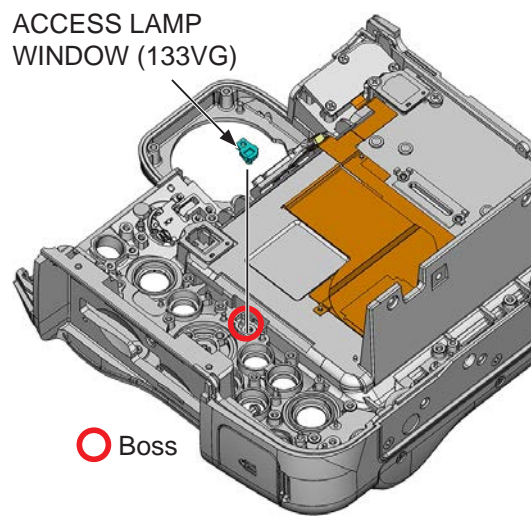


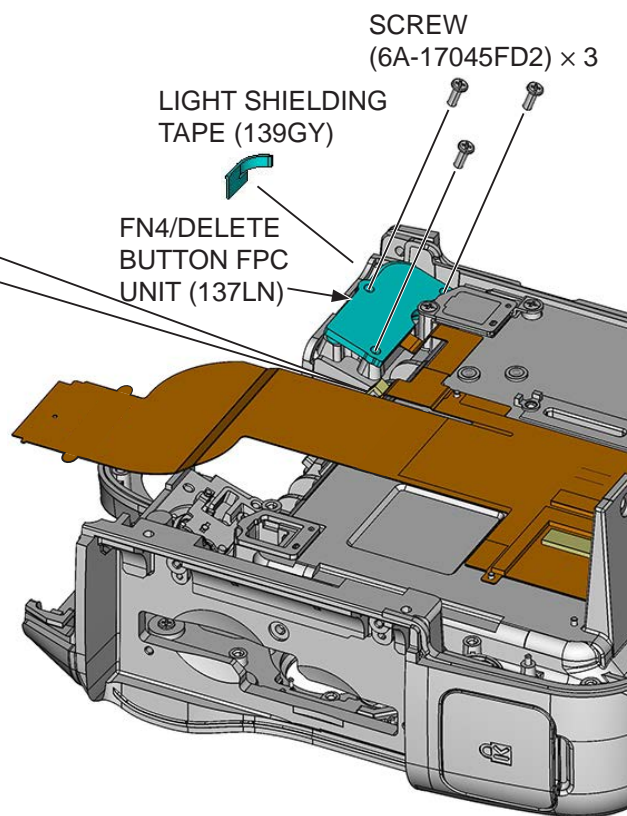
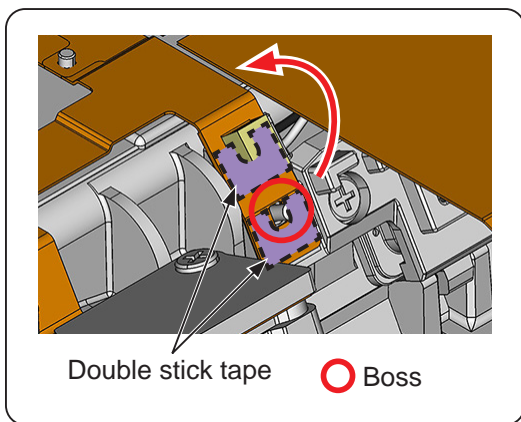
○ Boss × 4

RUBBER
(133V3)

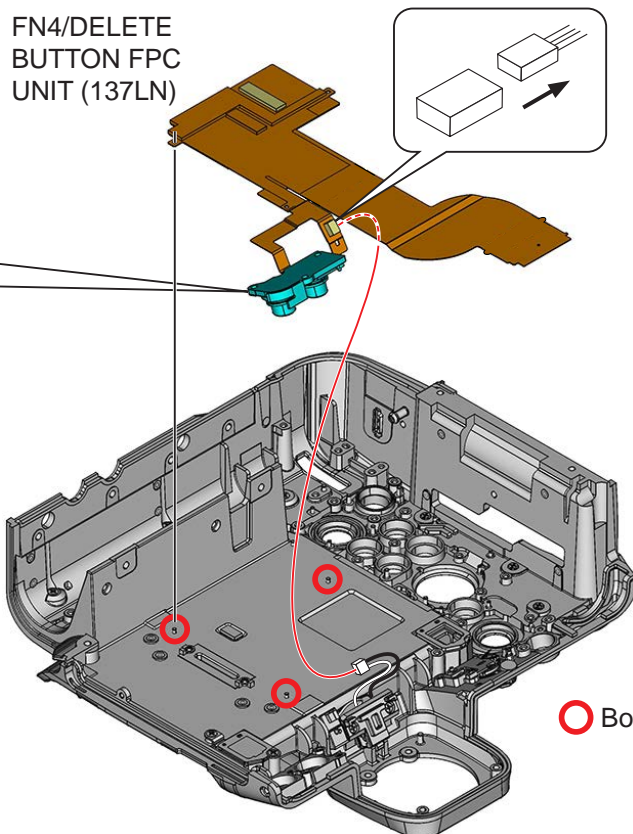
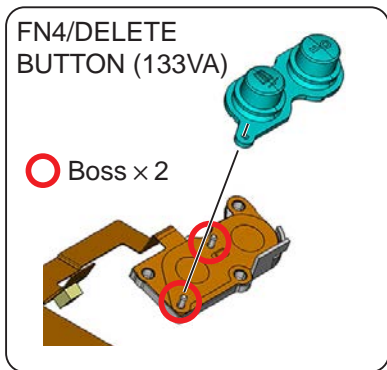


○ Boss × 2

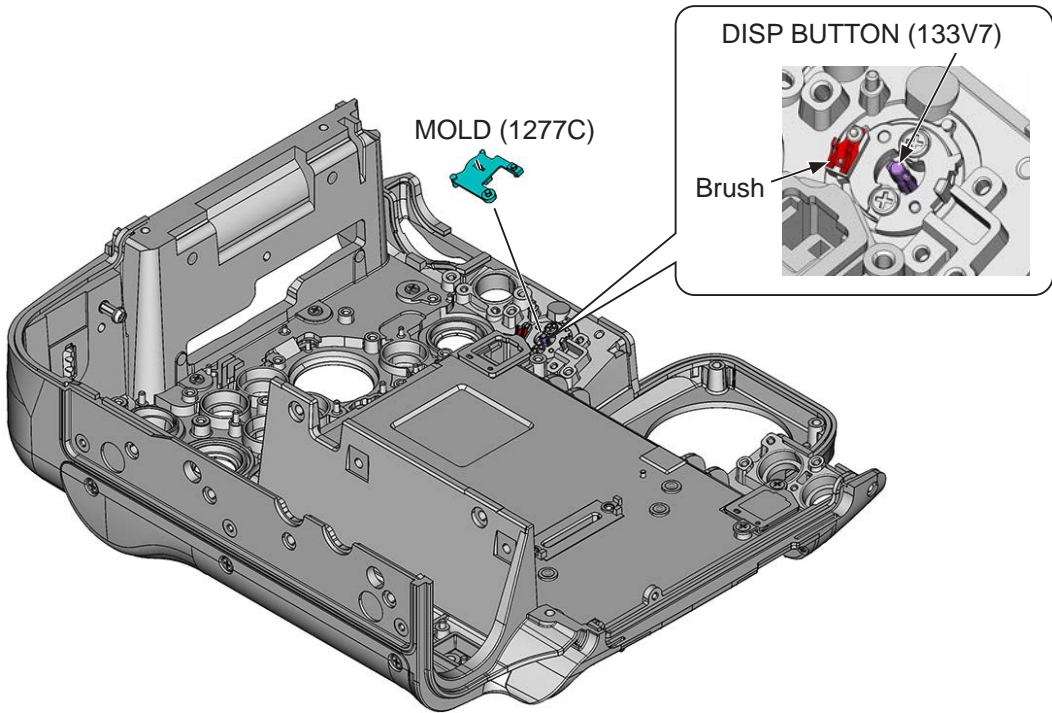
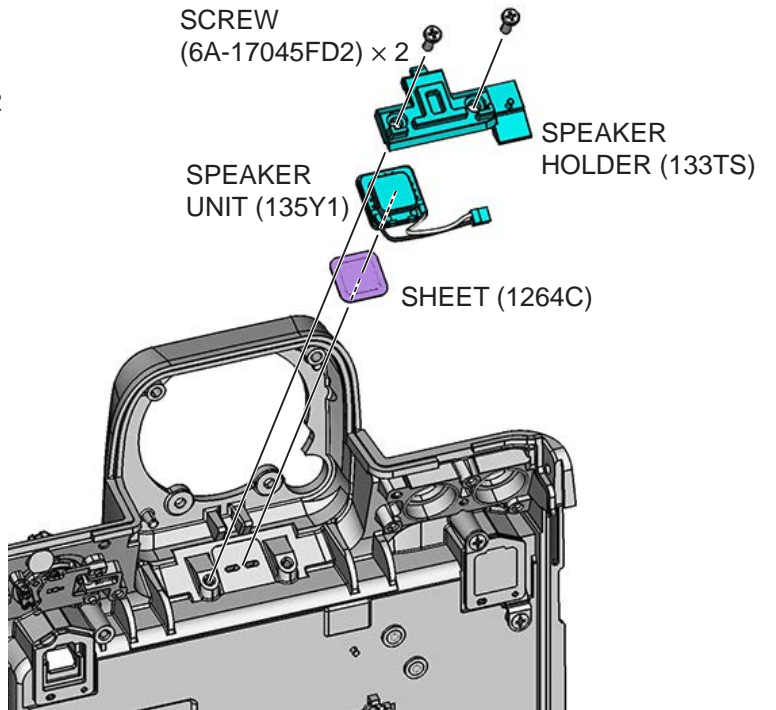
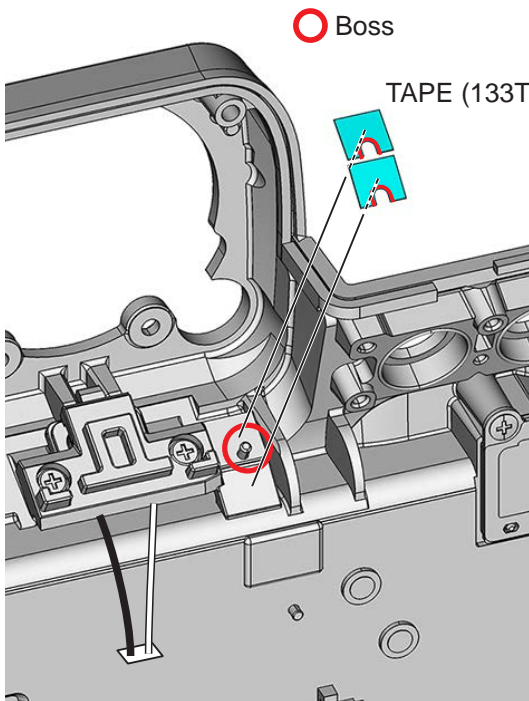


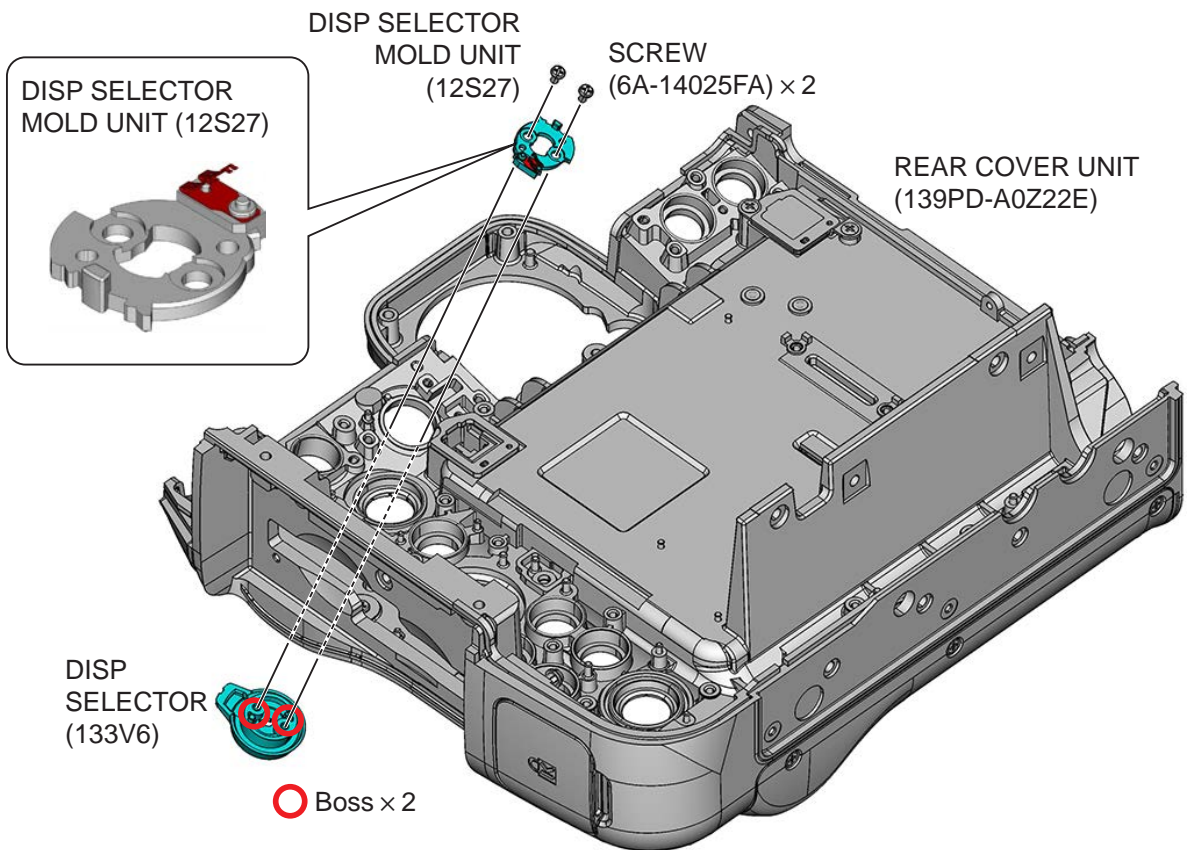
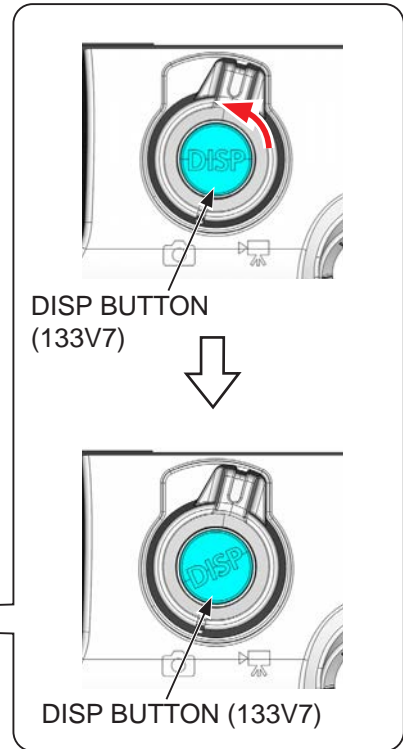
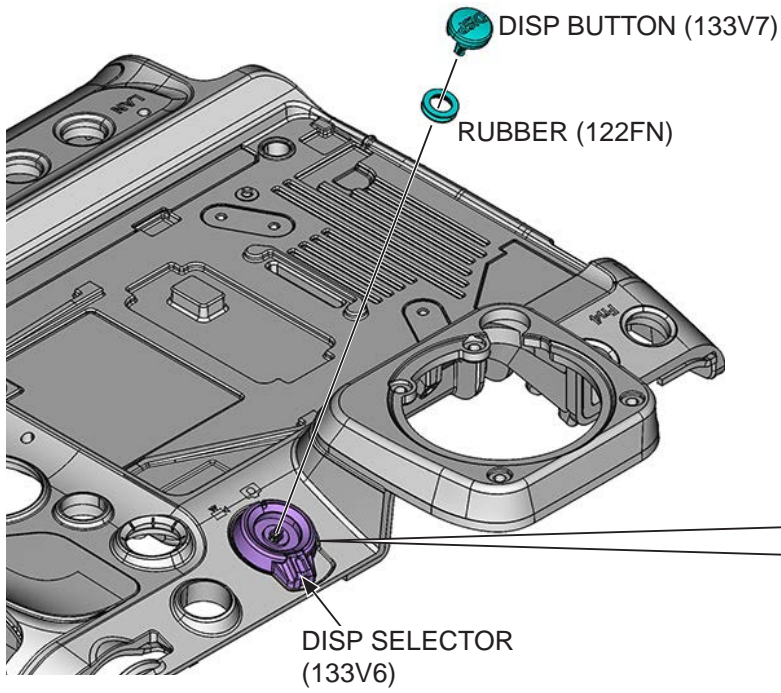


FN4/DELETE BUTTON FPC UNIT

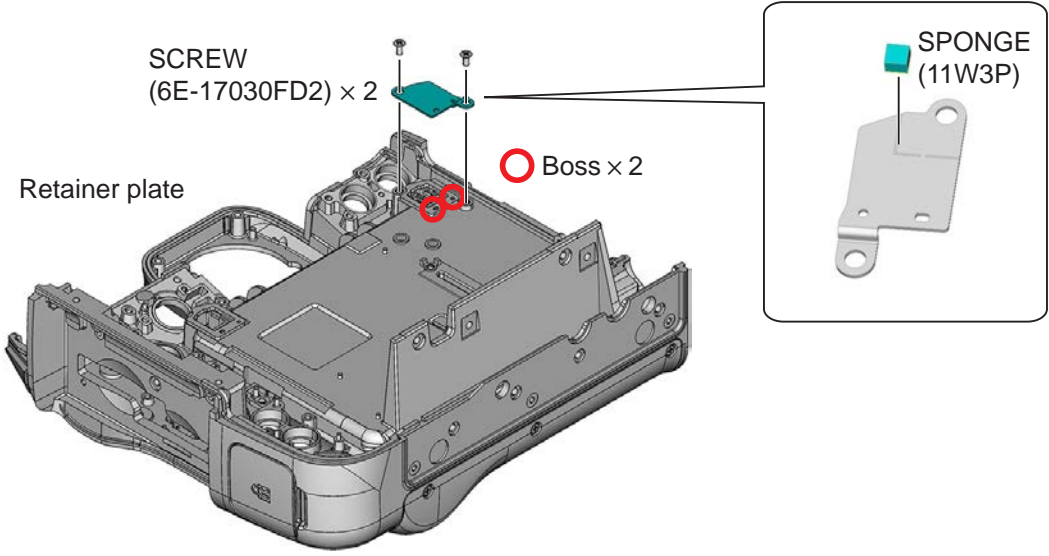
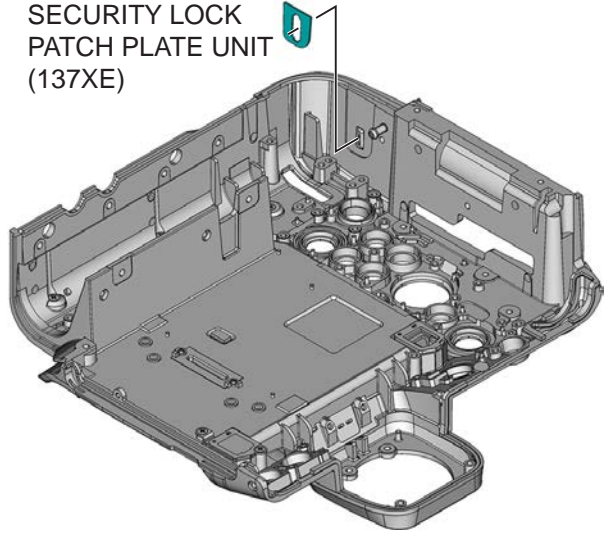
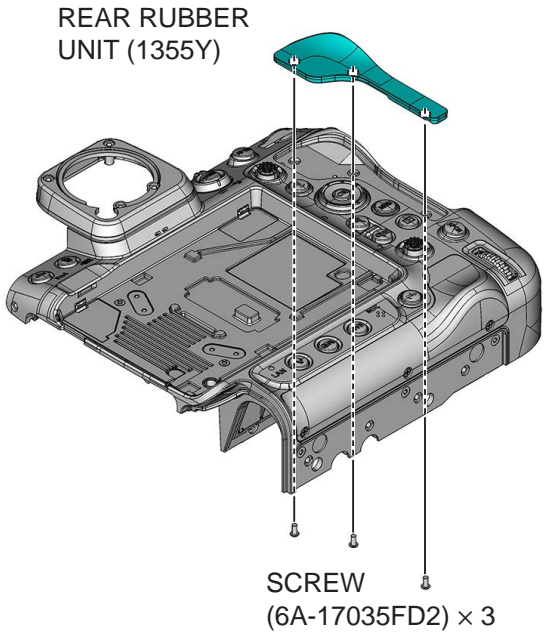


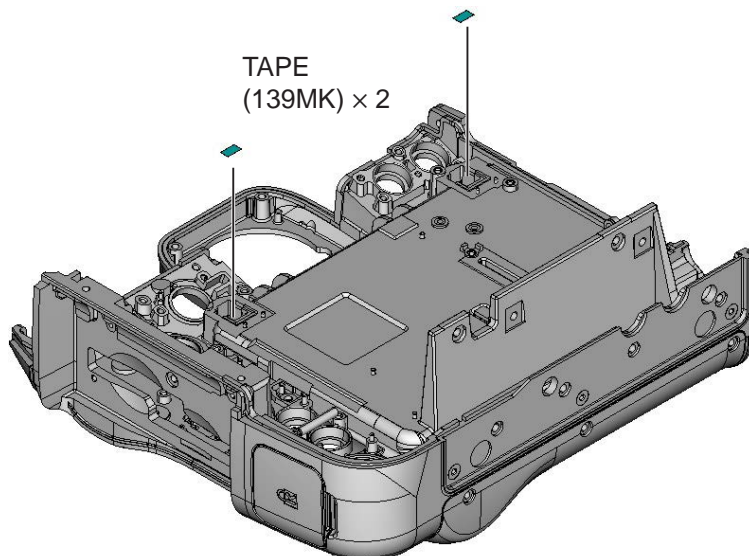
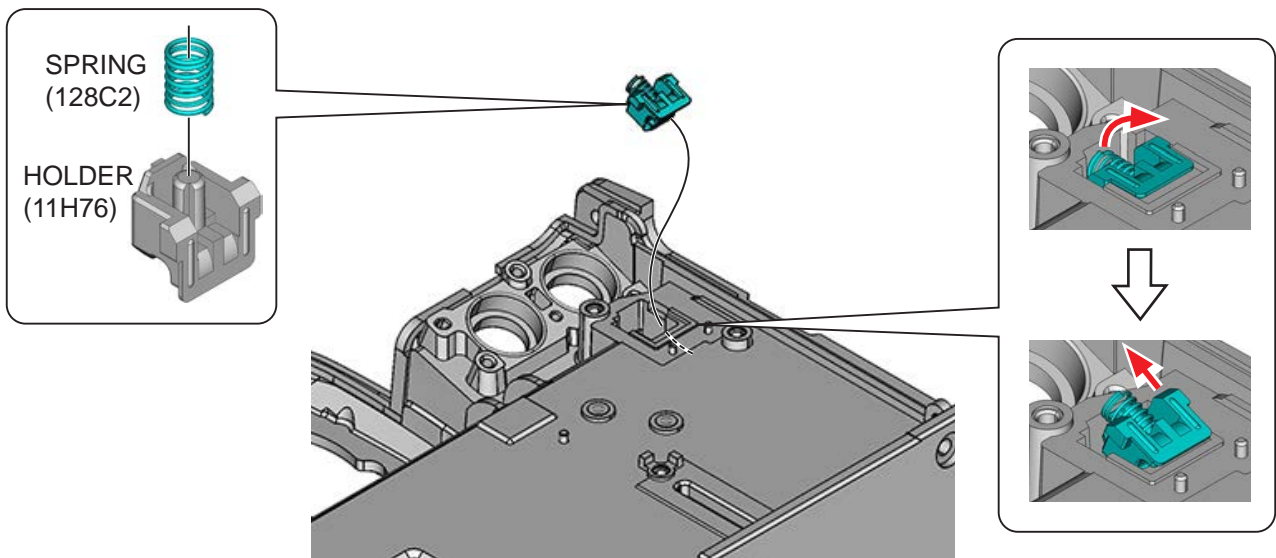
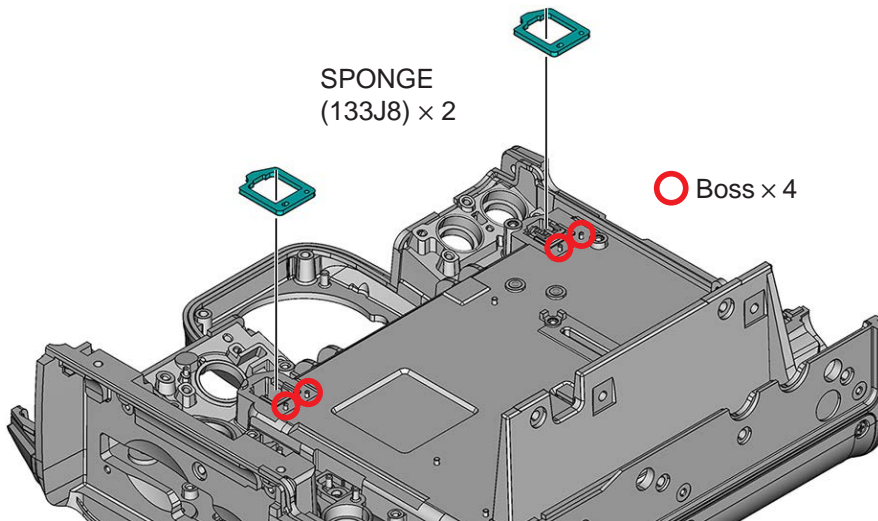
SPEAKER UNIT



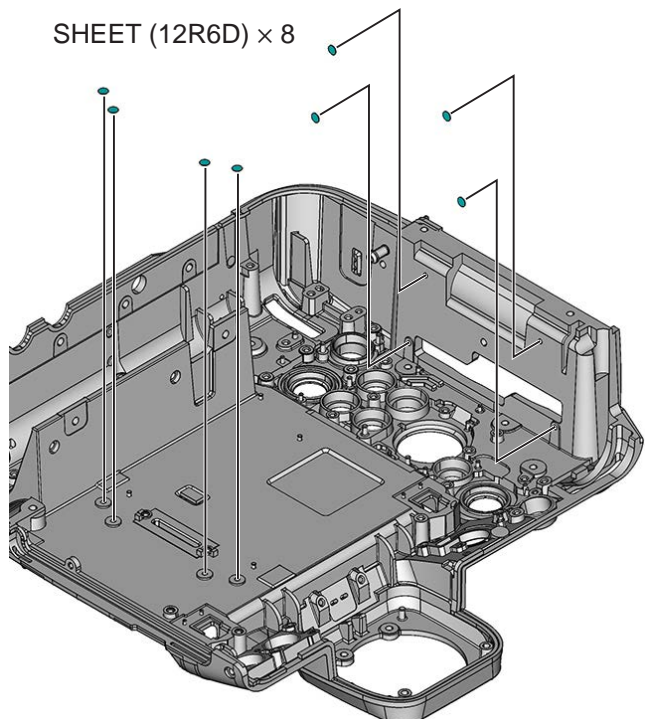
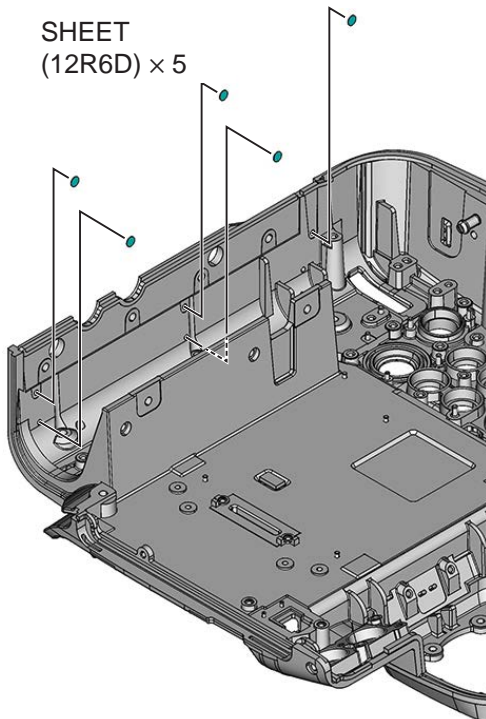
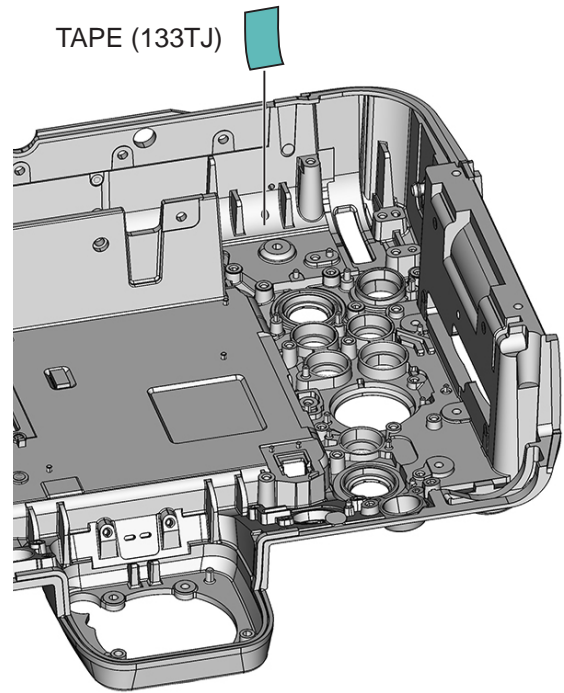
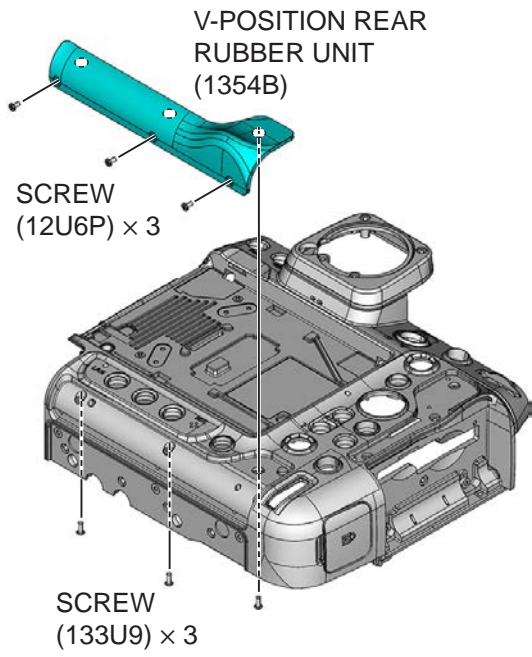


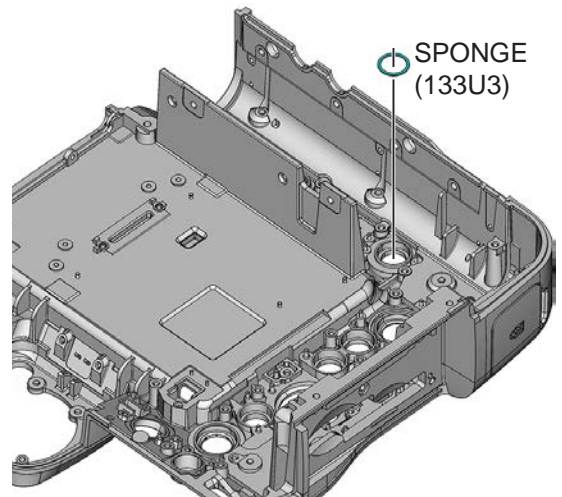
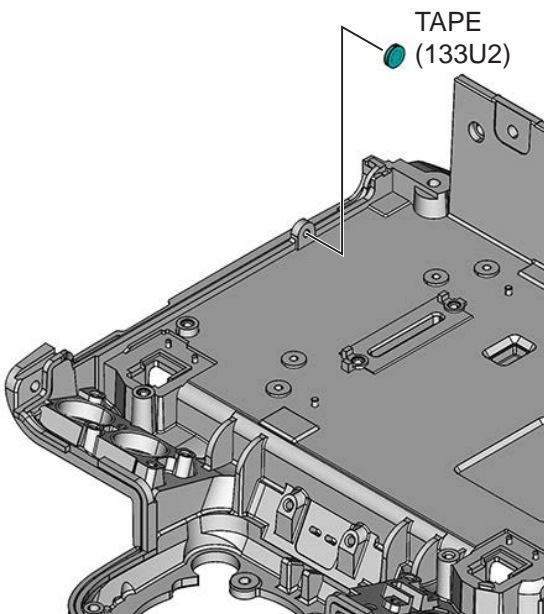
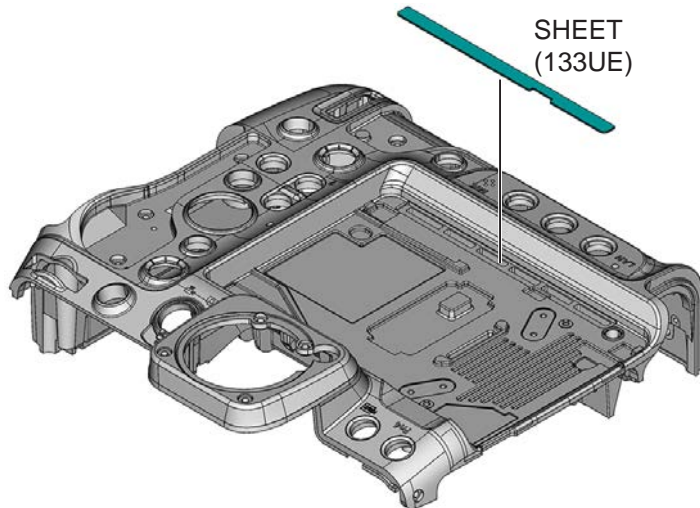
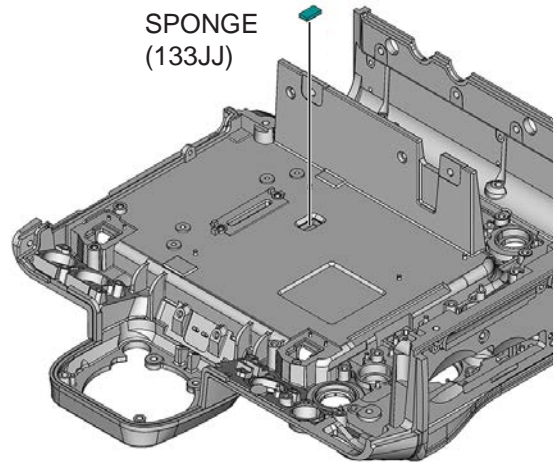
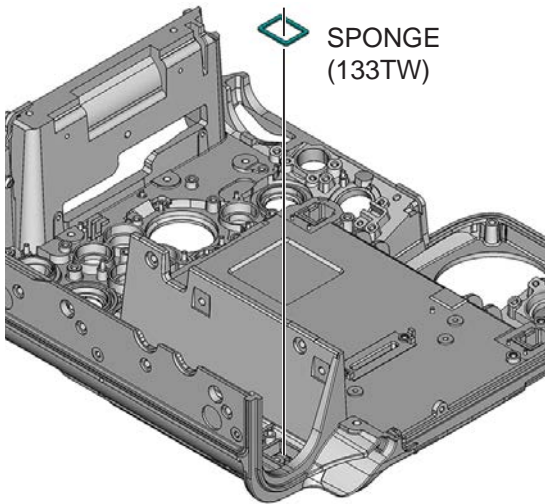
REAR RUBBER UNIT

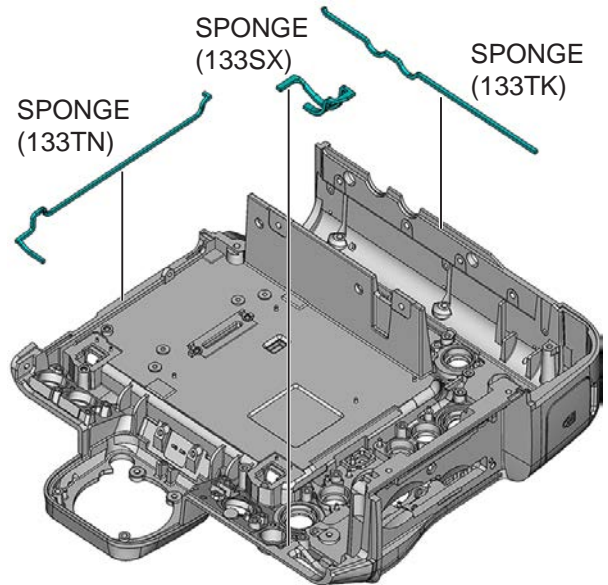
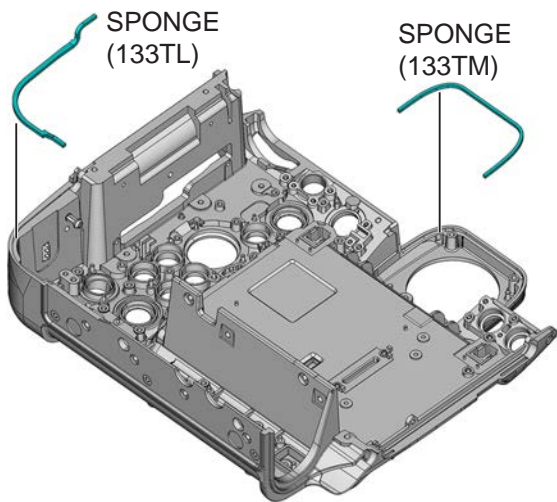
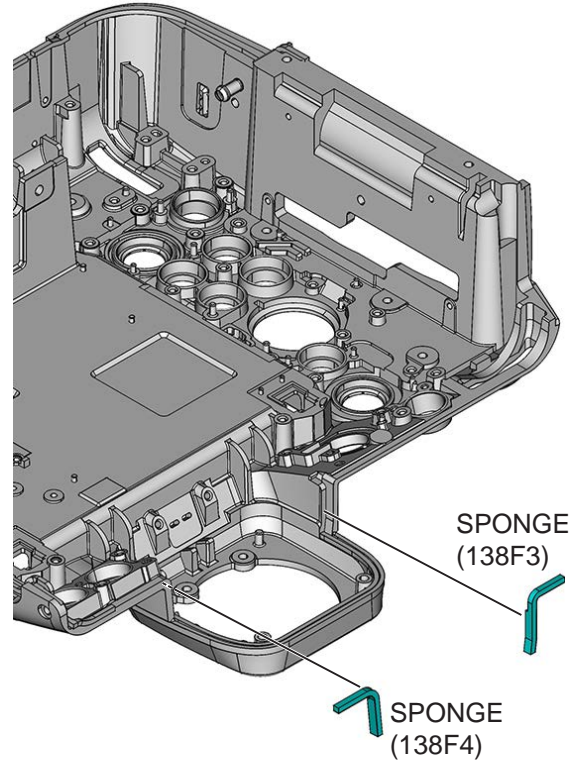
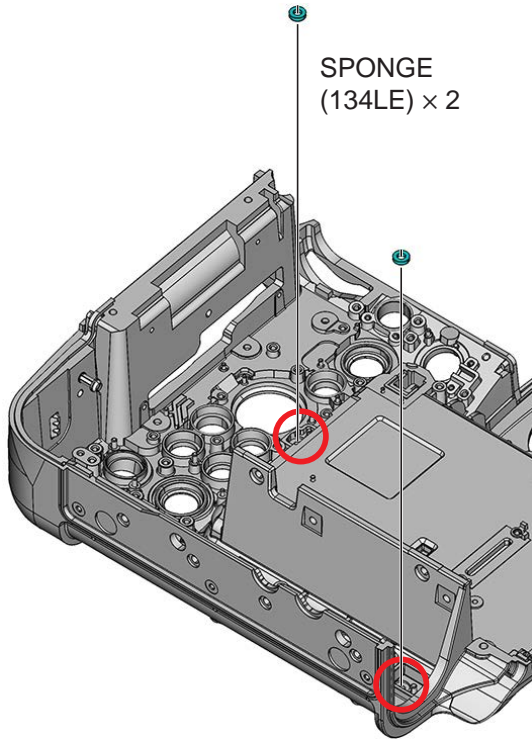




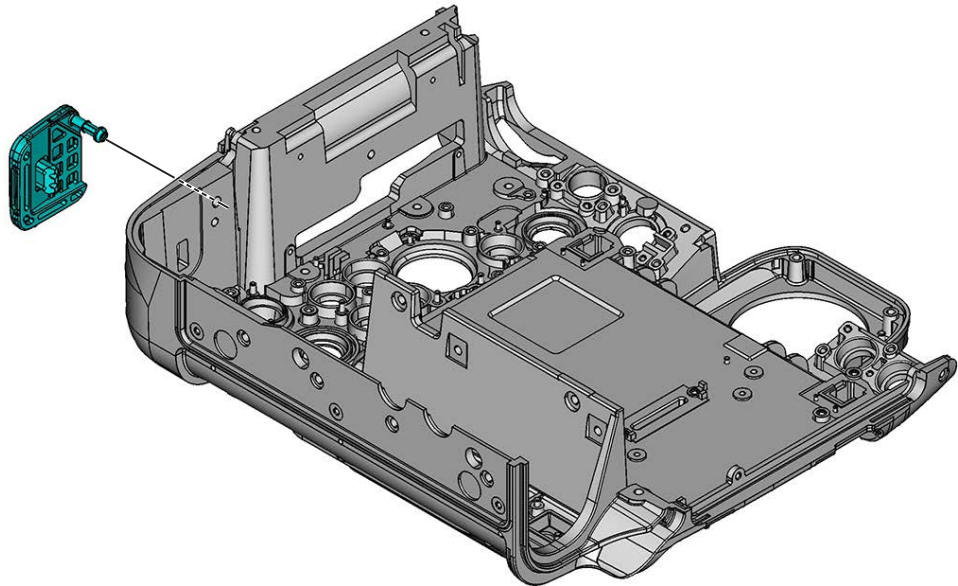
V-POSITION REAR RUBBER UNIT



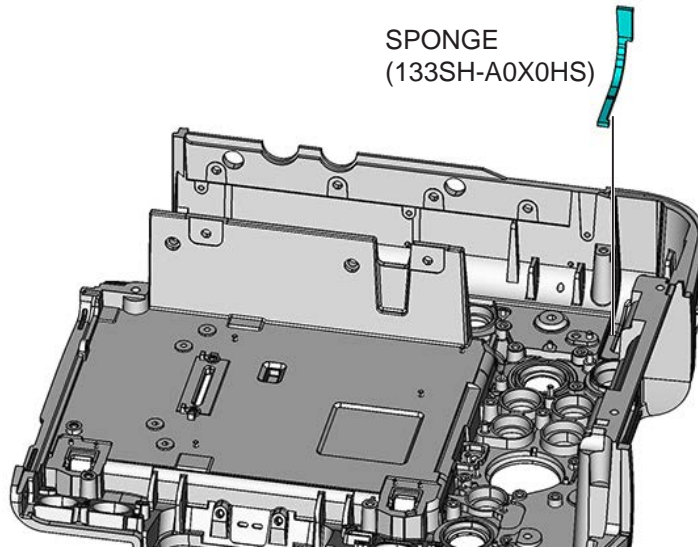




SECURITY
LOCK COVER
(133U5)

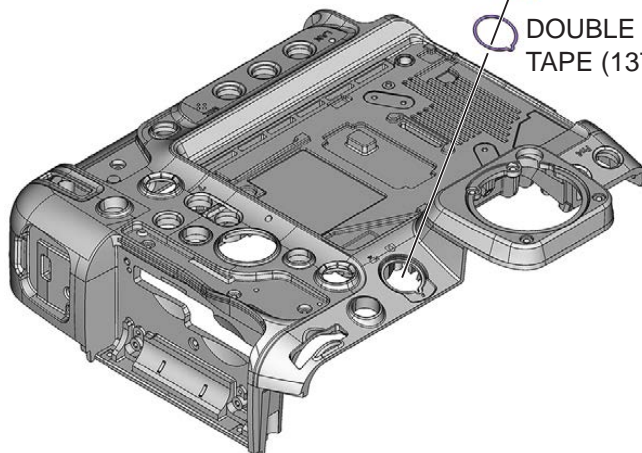


SPONGE
(133SH-A0X0HS)



SWITCHING
LEVER RING
(137KB)

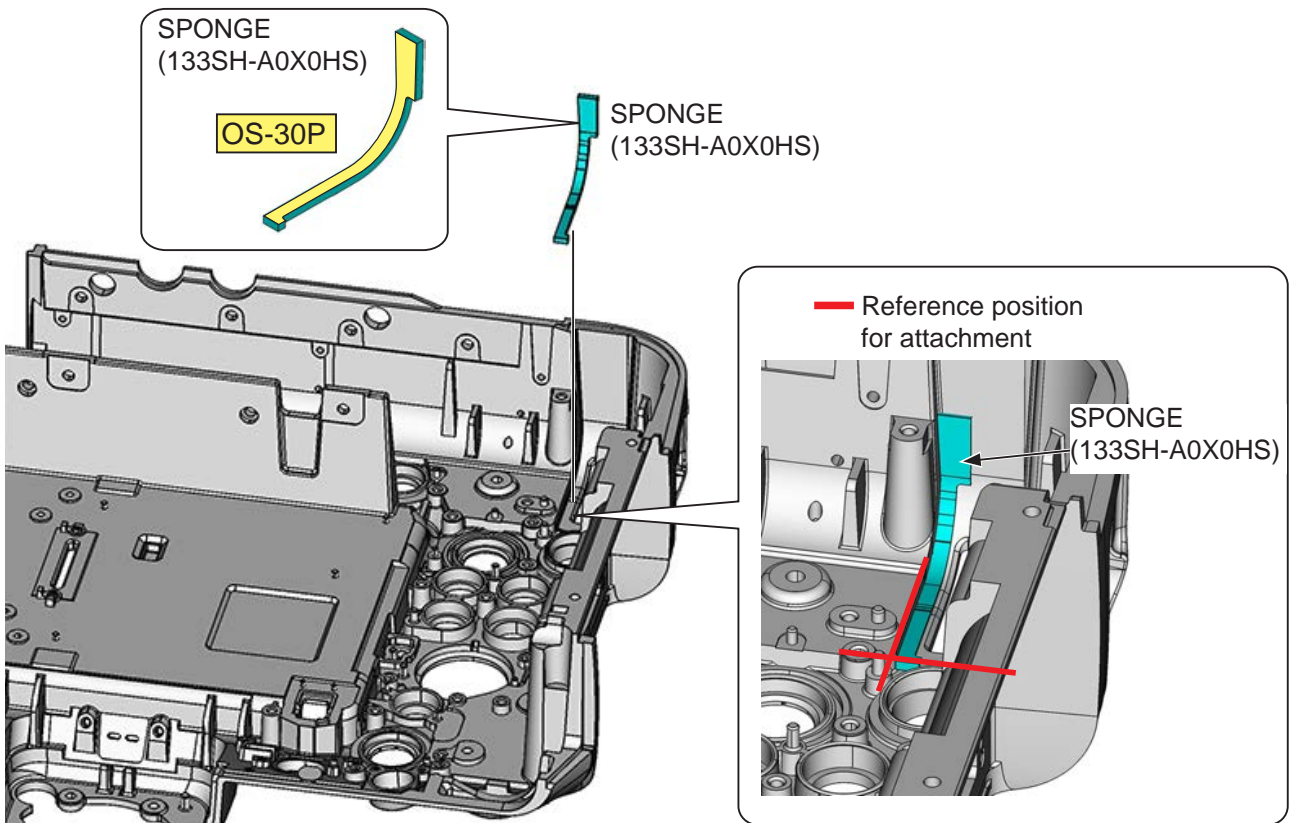
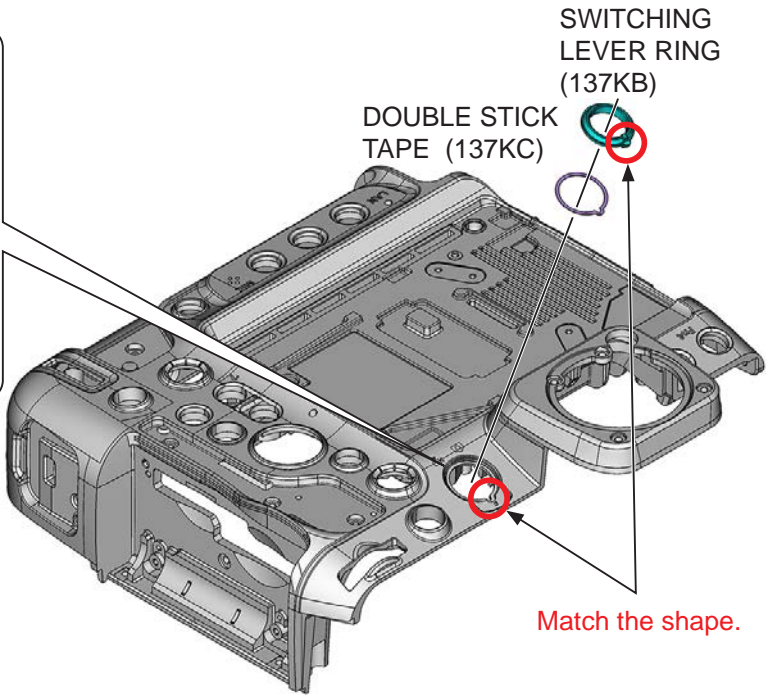
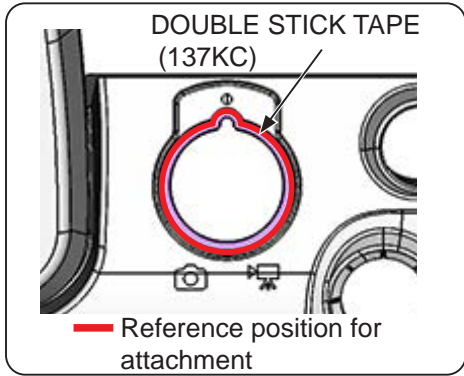
DOUBLE STICK
TAPE (137KC)



Assembly

1. Rear cover

REAR COVER UNIT

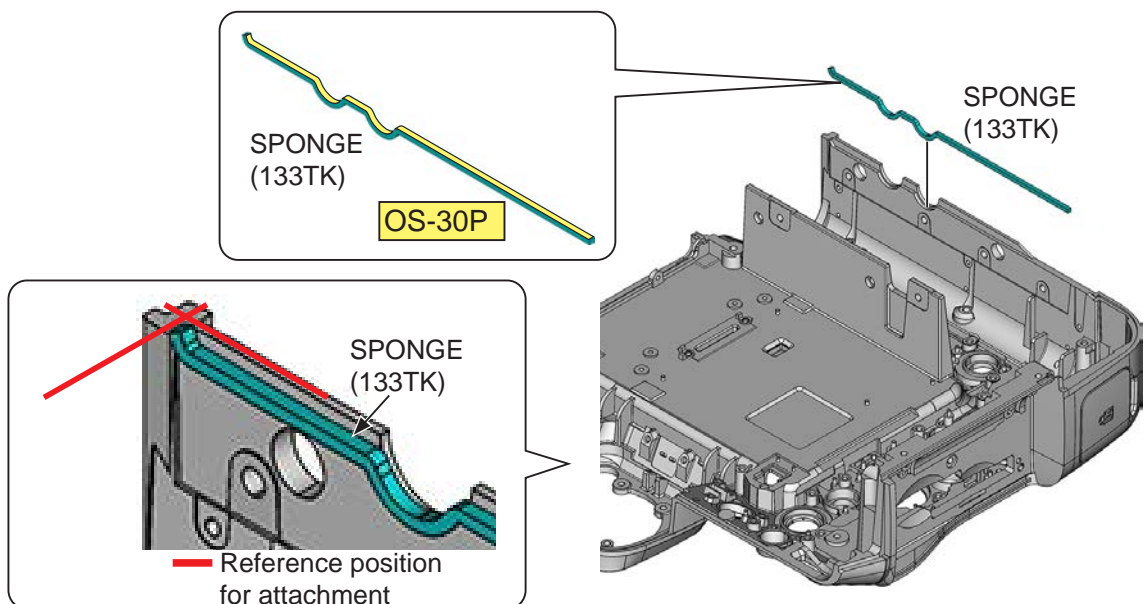
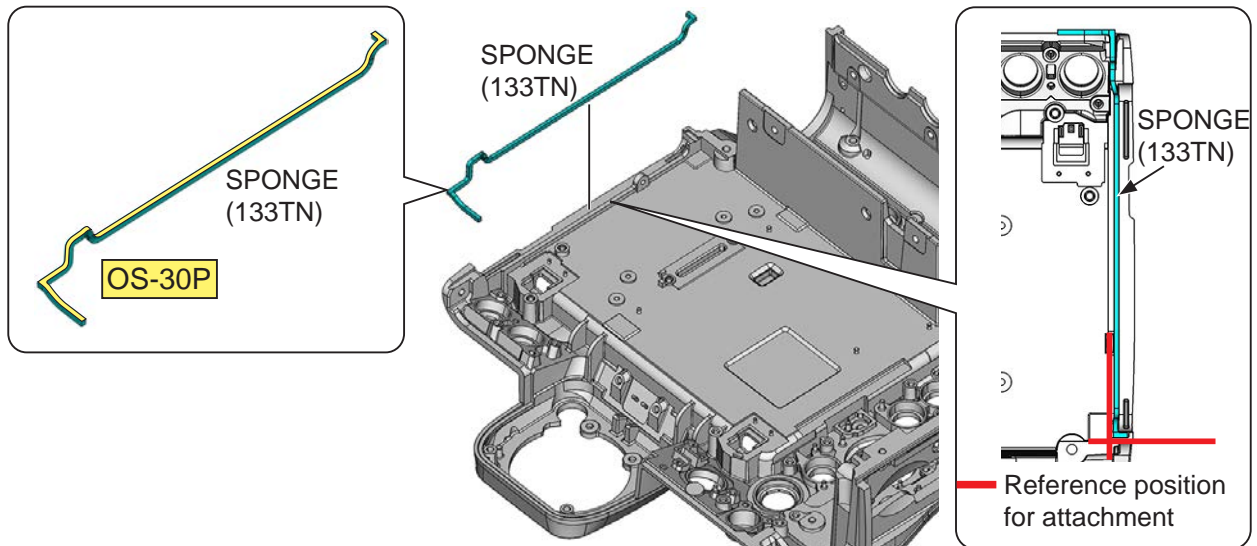


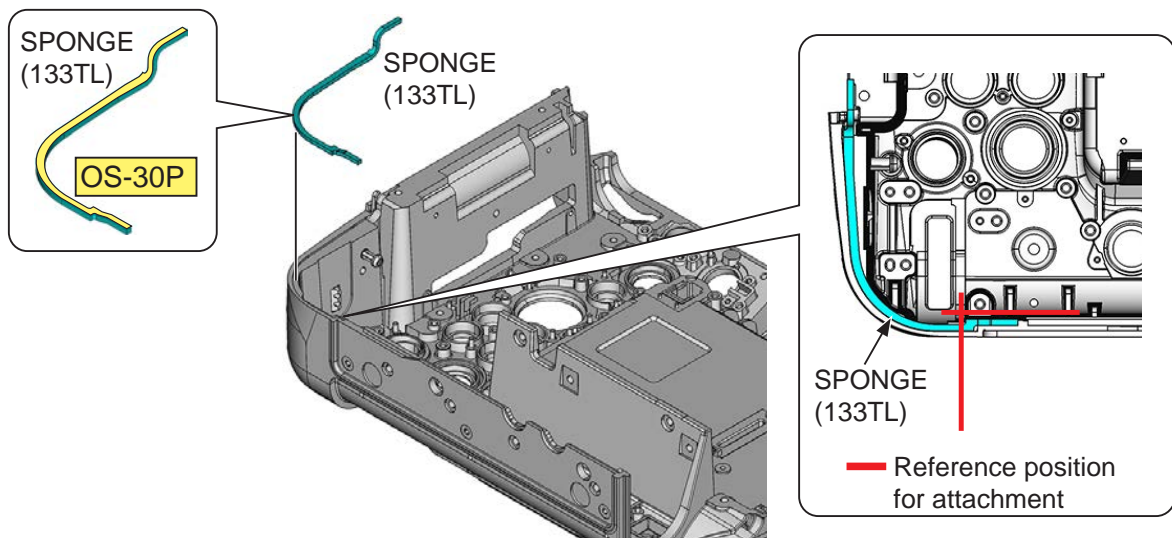
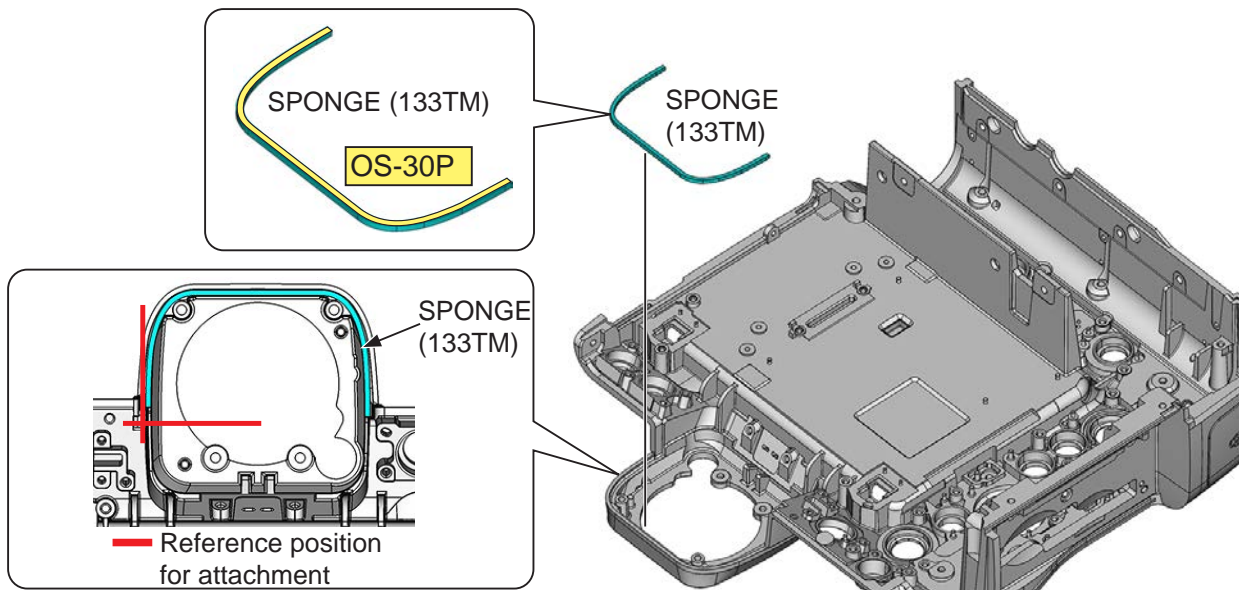
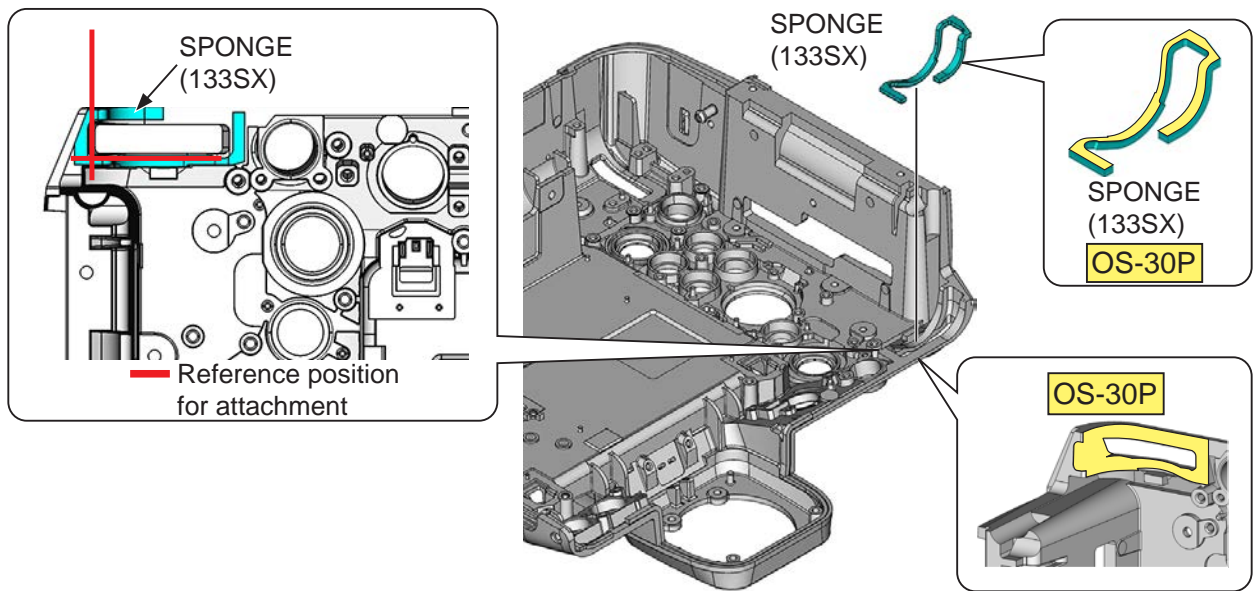
SECURITY
LOCK COVER
(133U5)

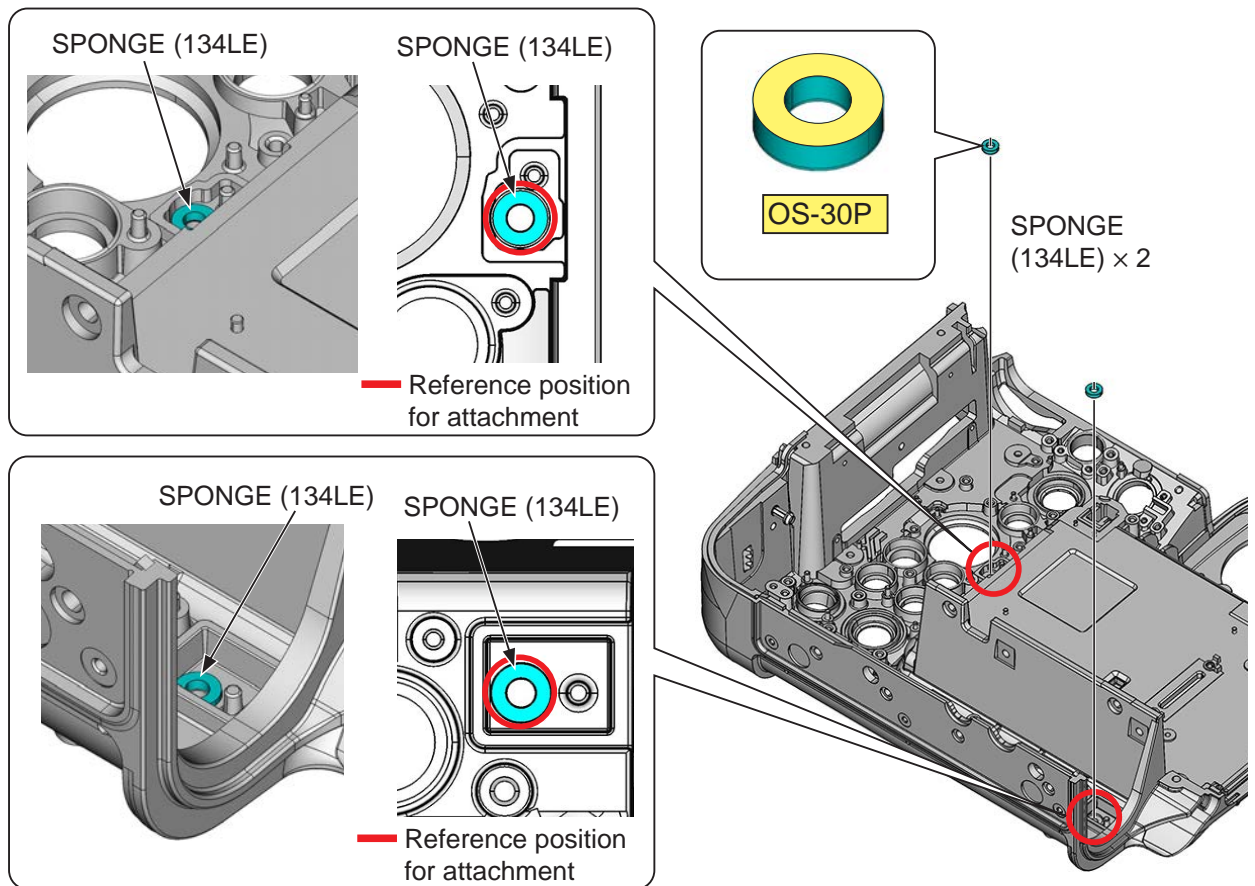
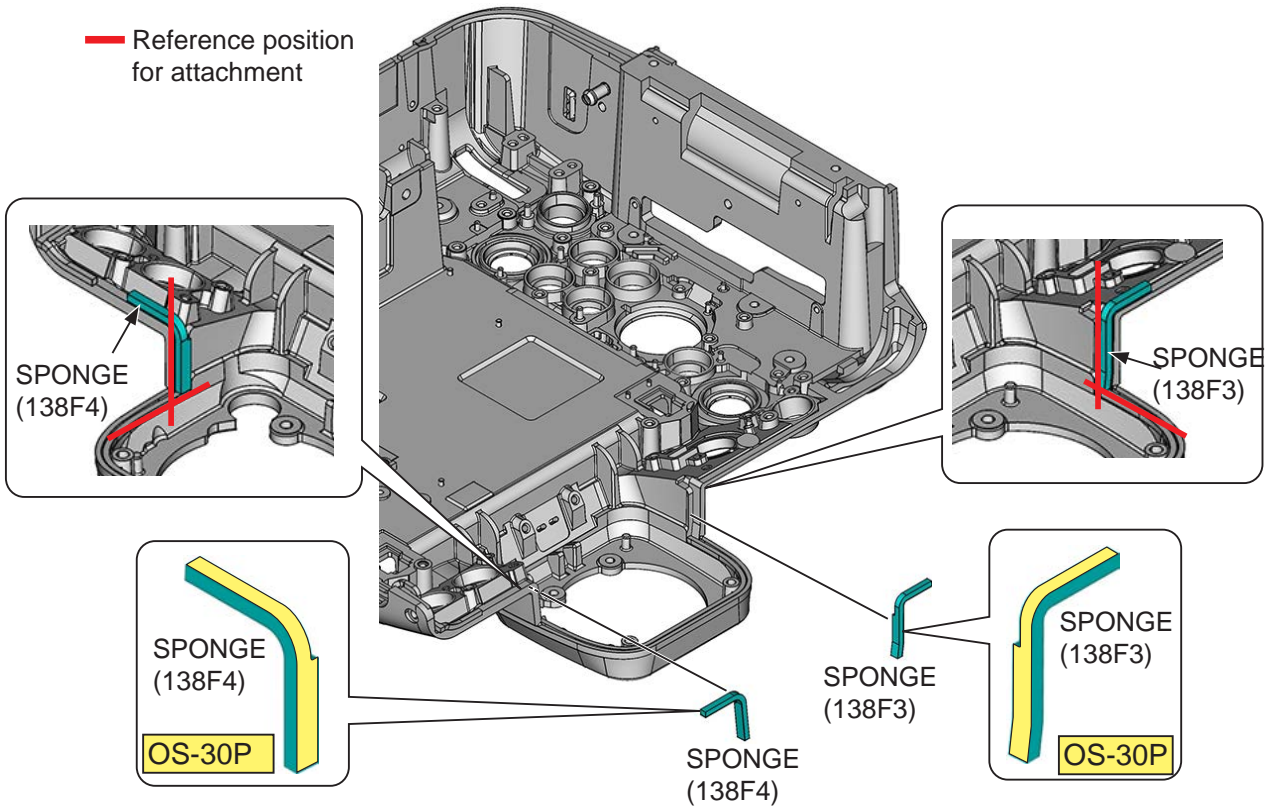
SECURITY
LOCK COVER
(133U5)

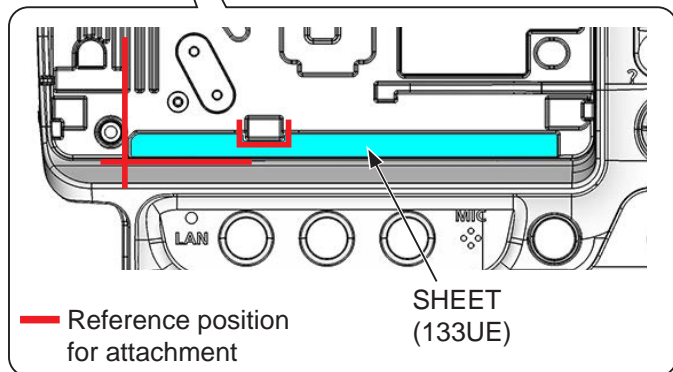
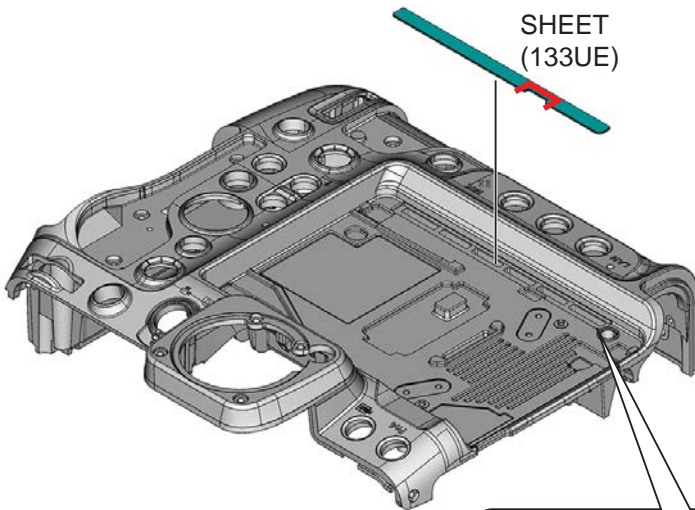
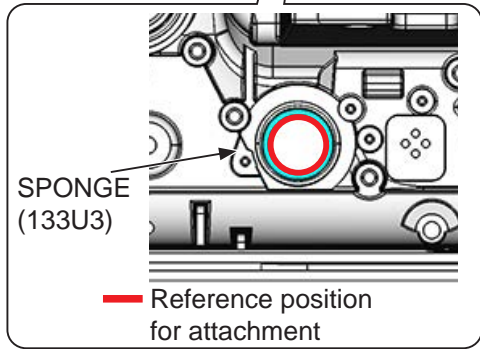
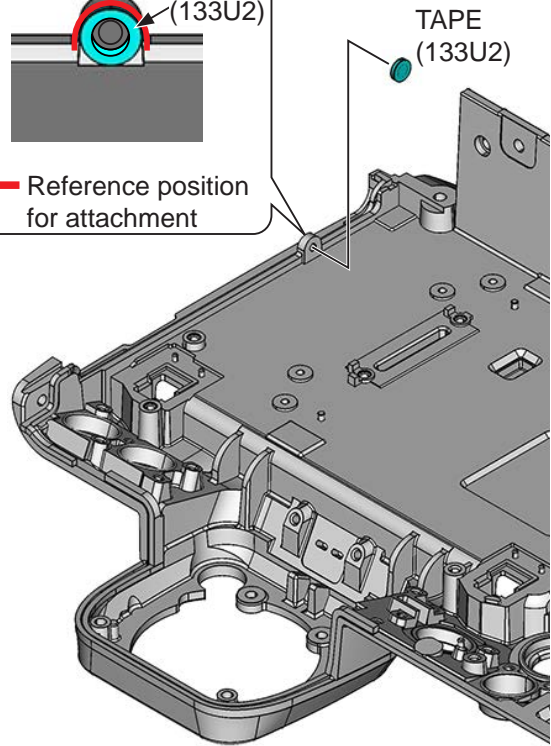
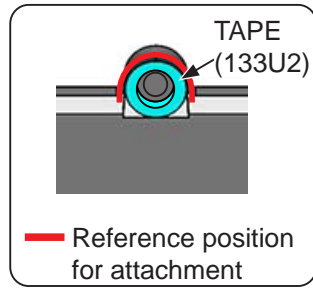
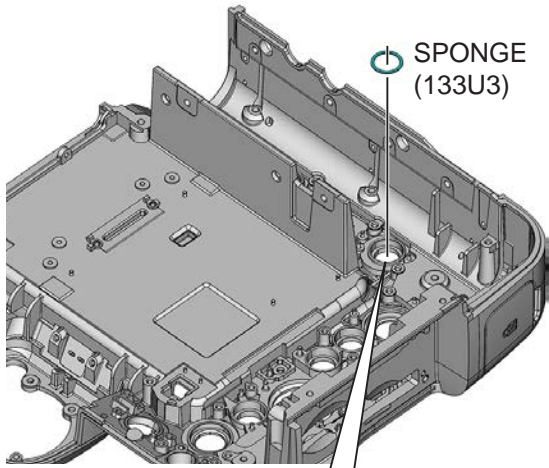
DN-C3HN

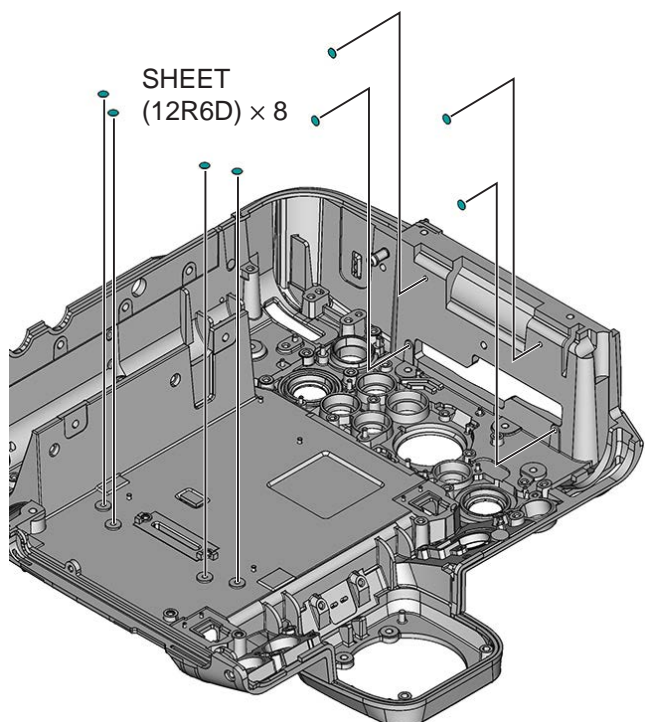
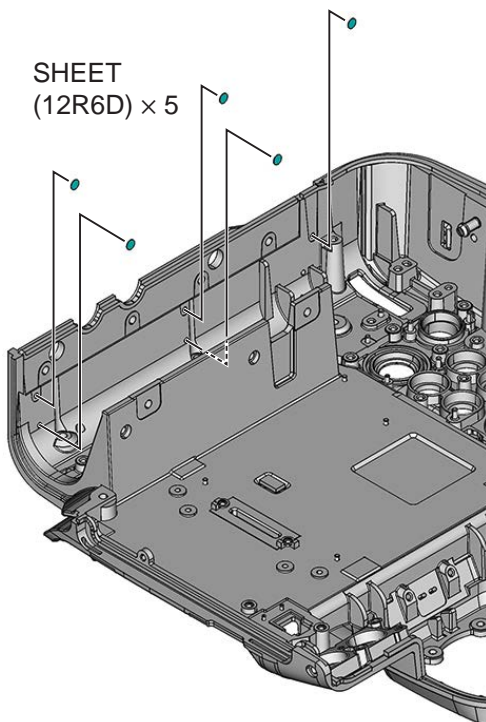
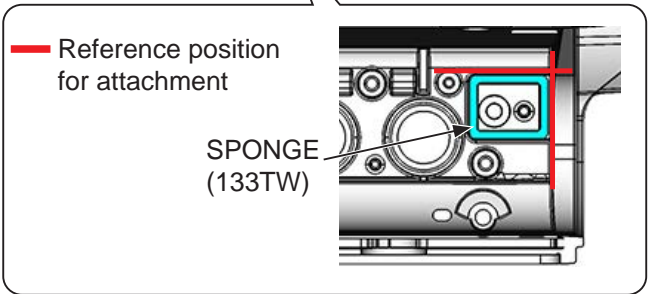
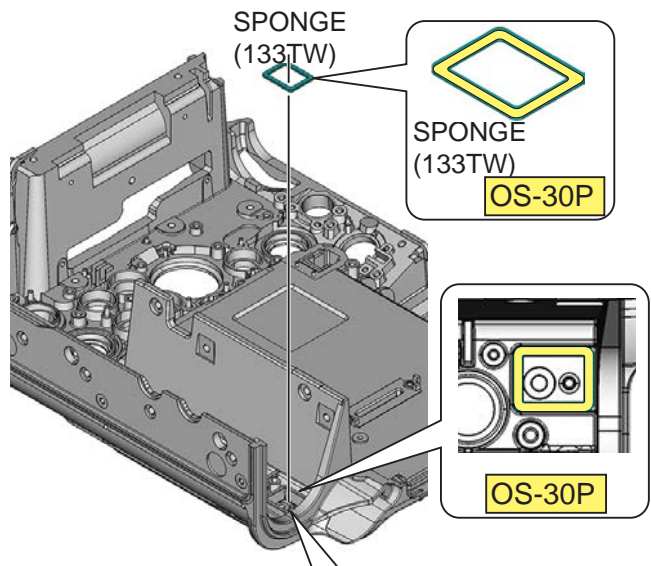
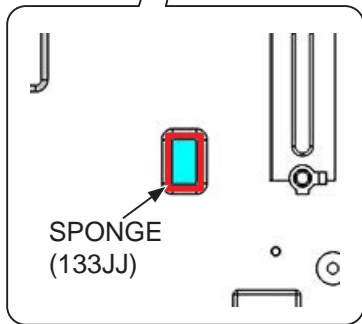
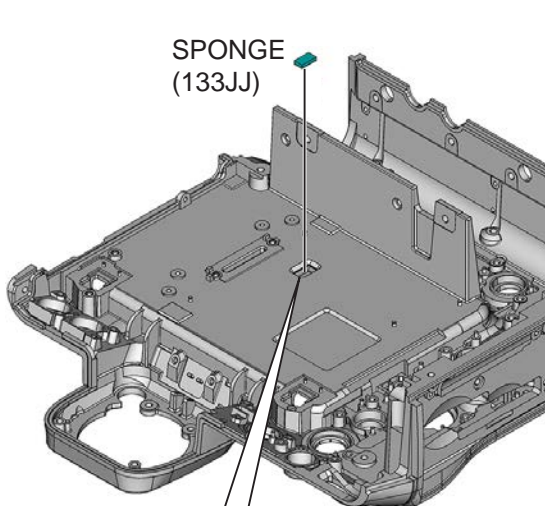
Cut off if the parts
are replaced

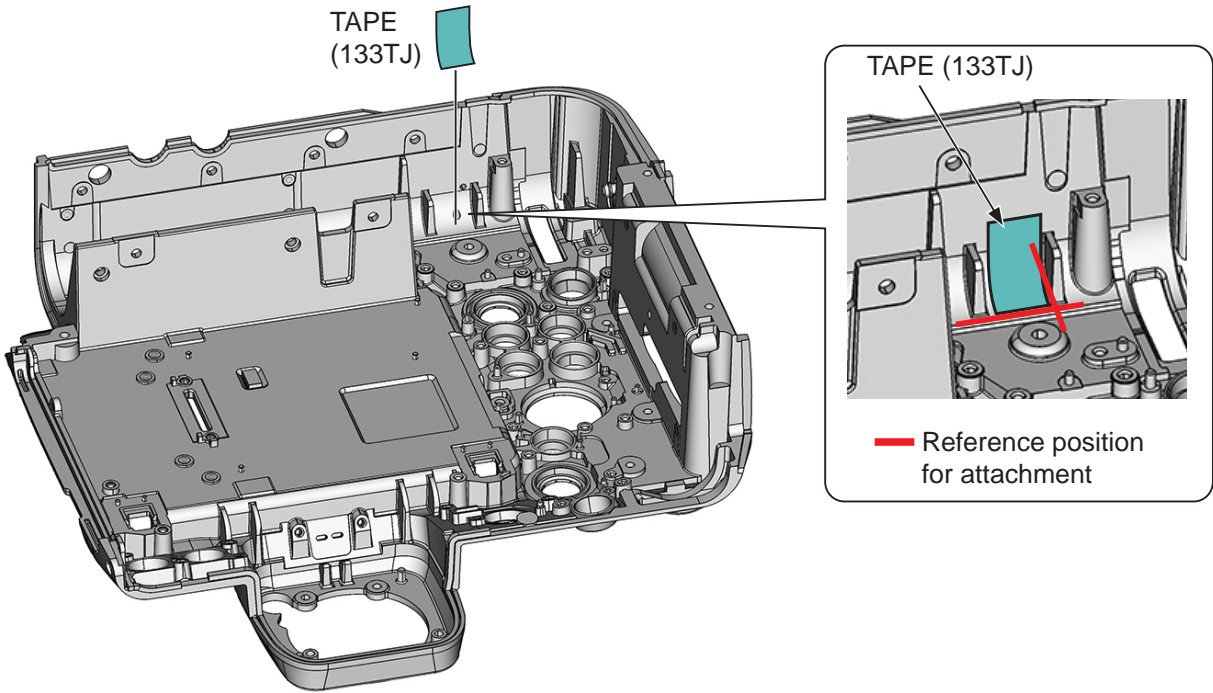




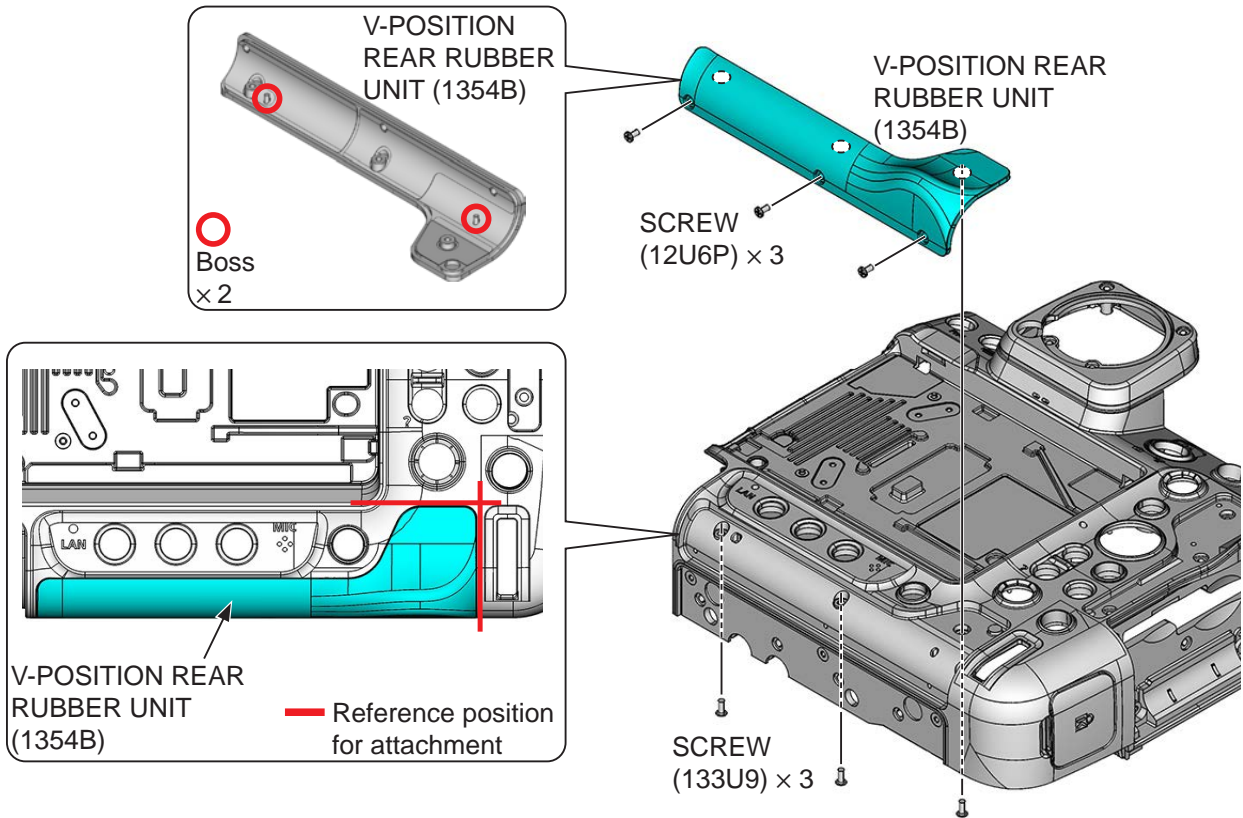


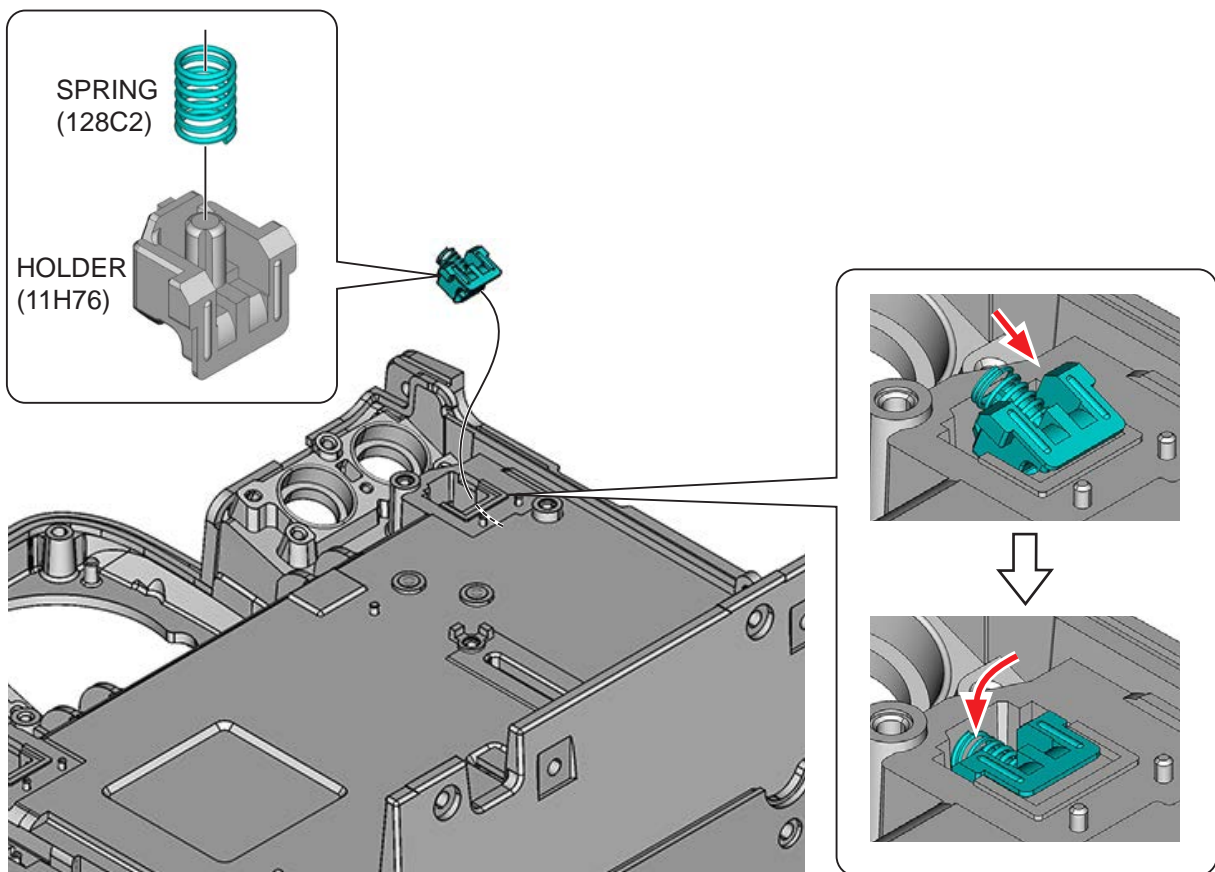
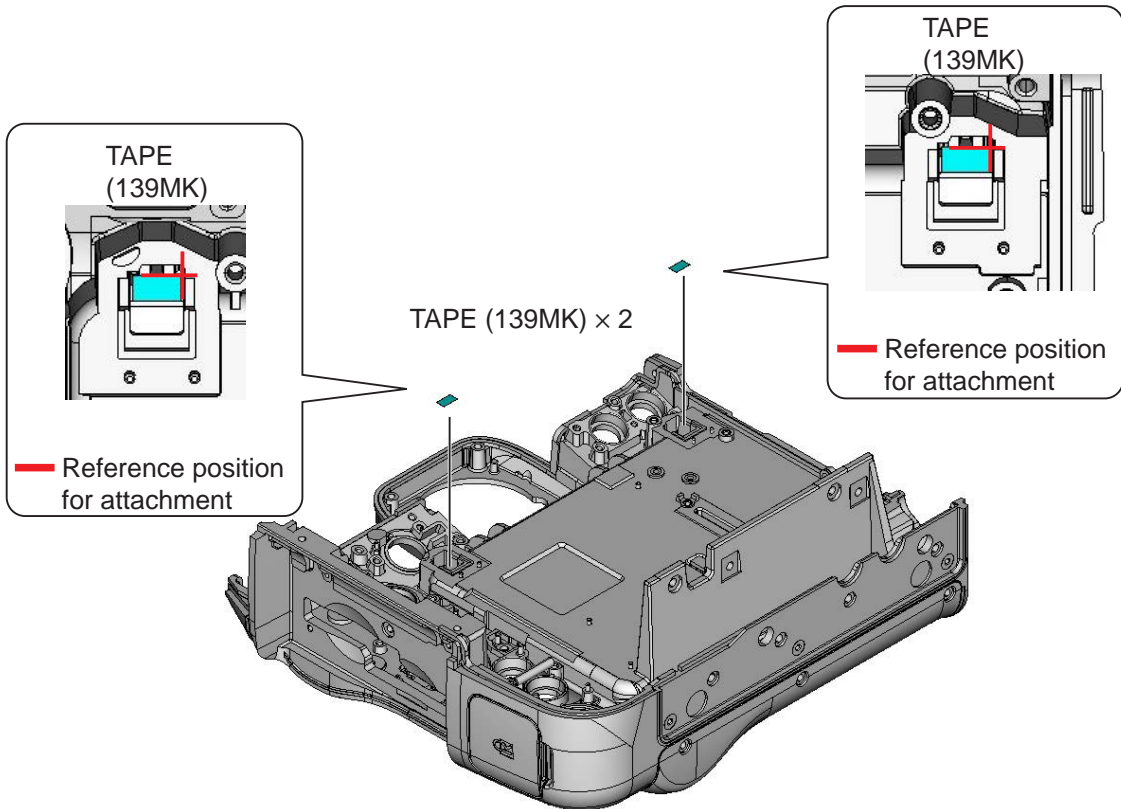


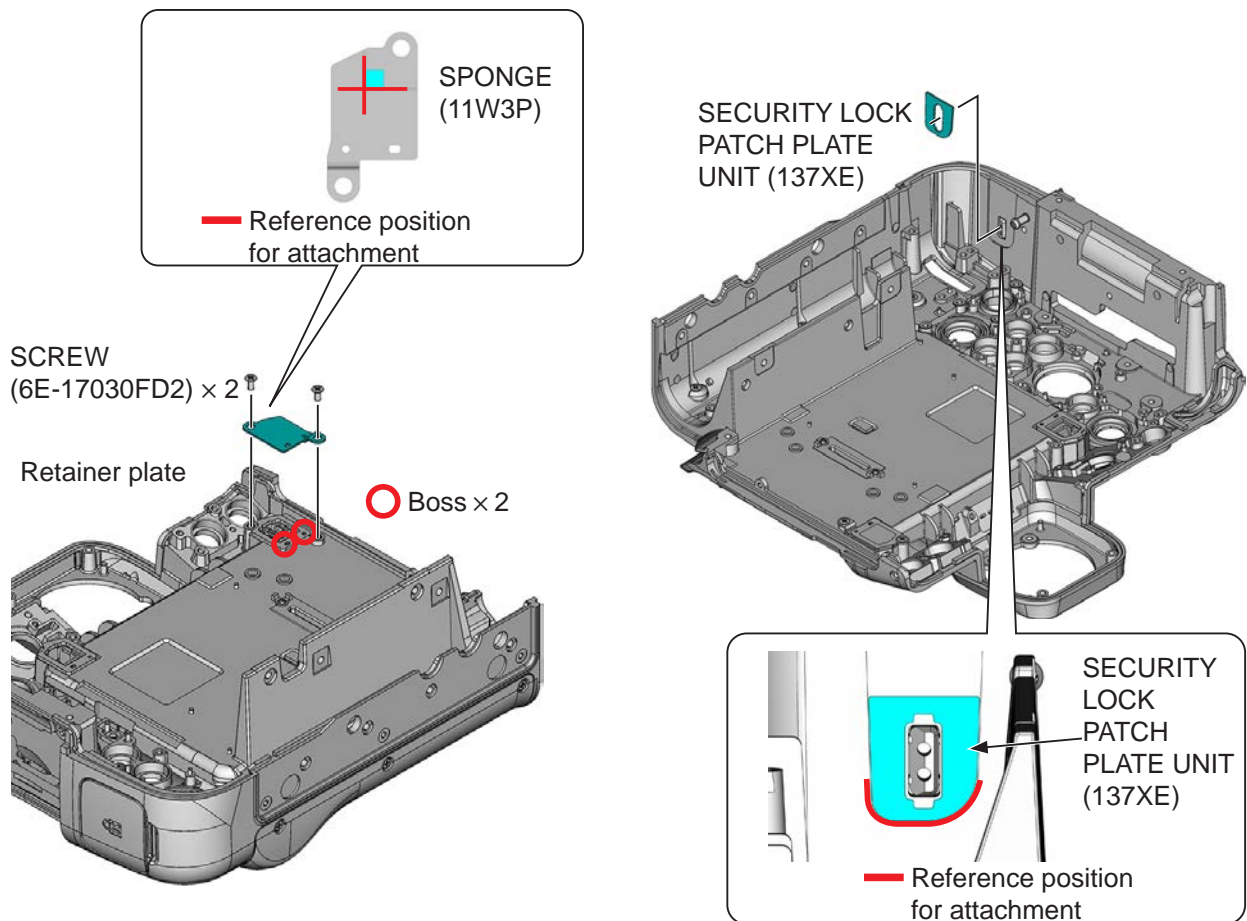
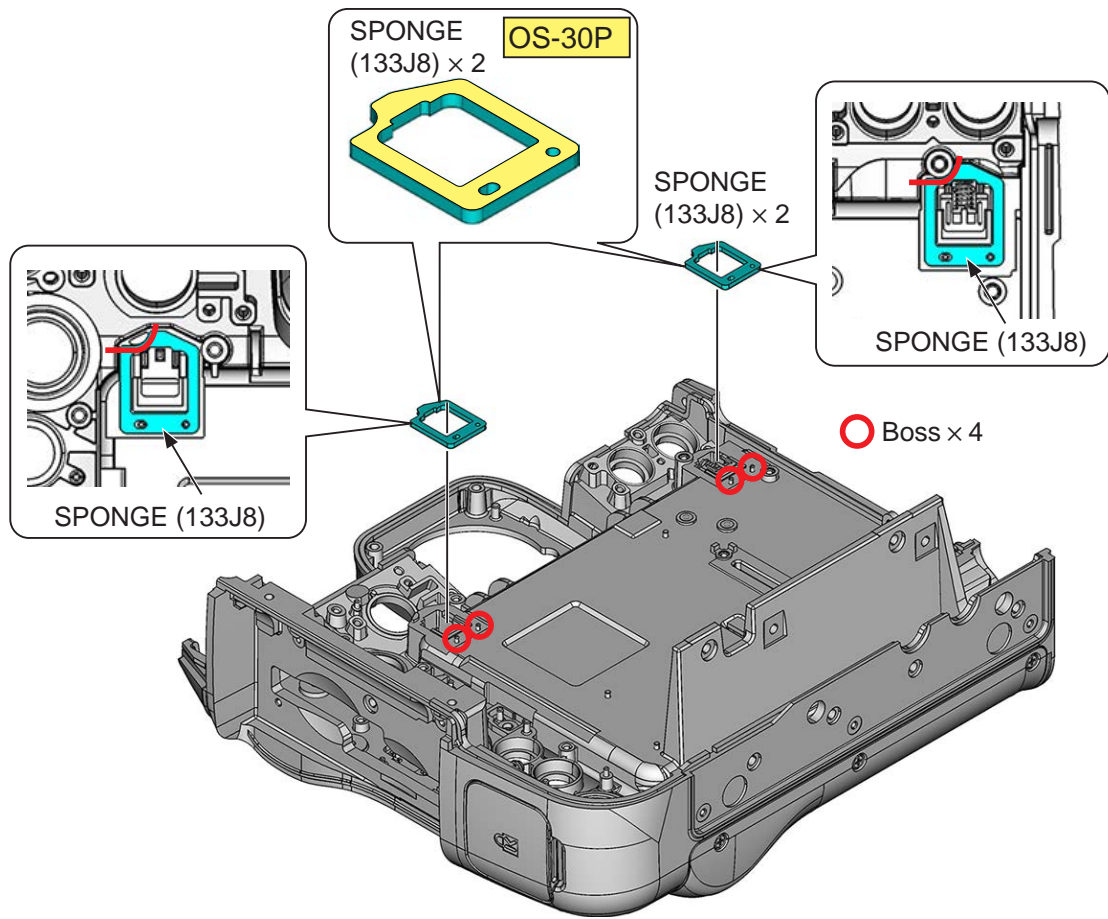




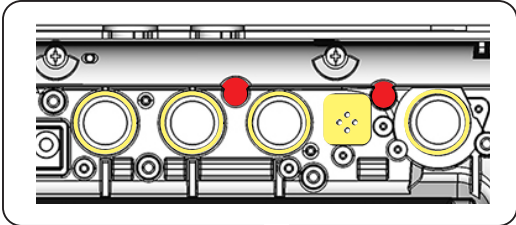
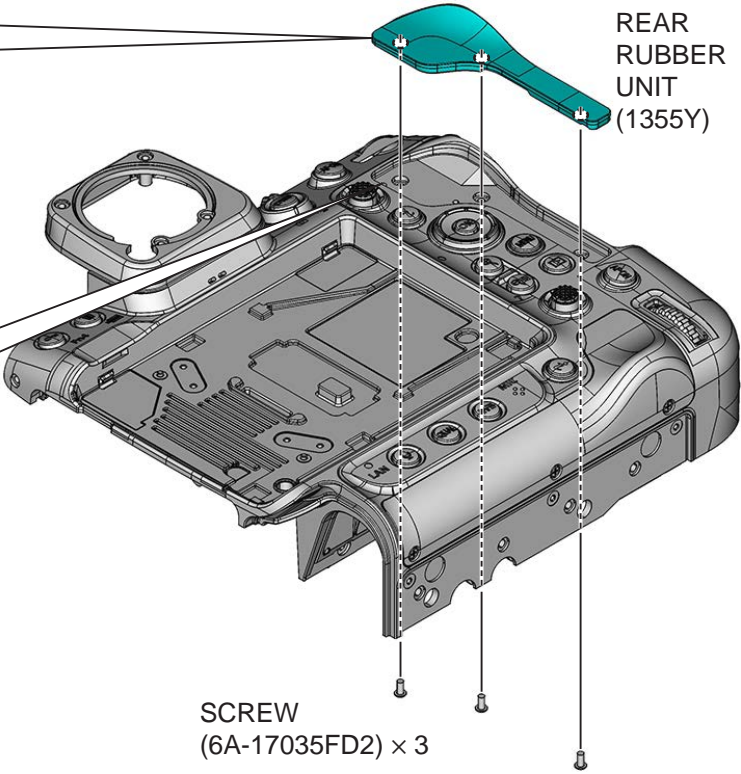
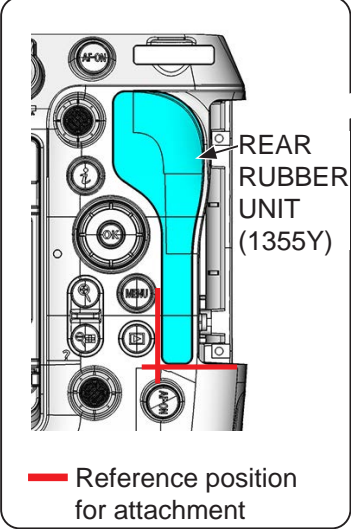
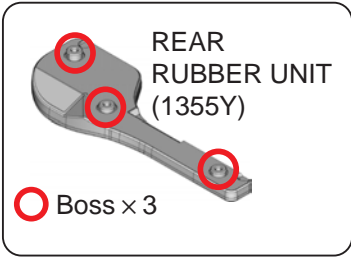
V-POSITION REAR RUBBER UNIT







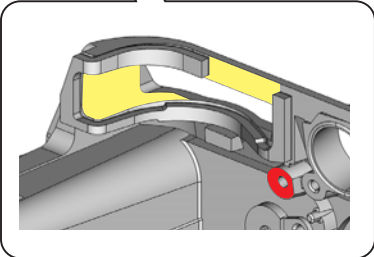
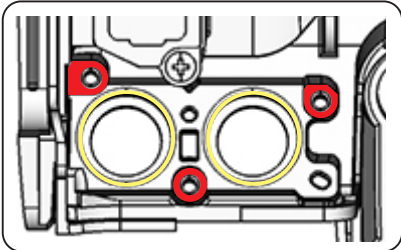
REAR RUBBER UNIT

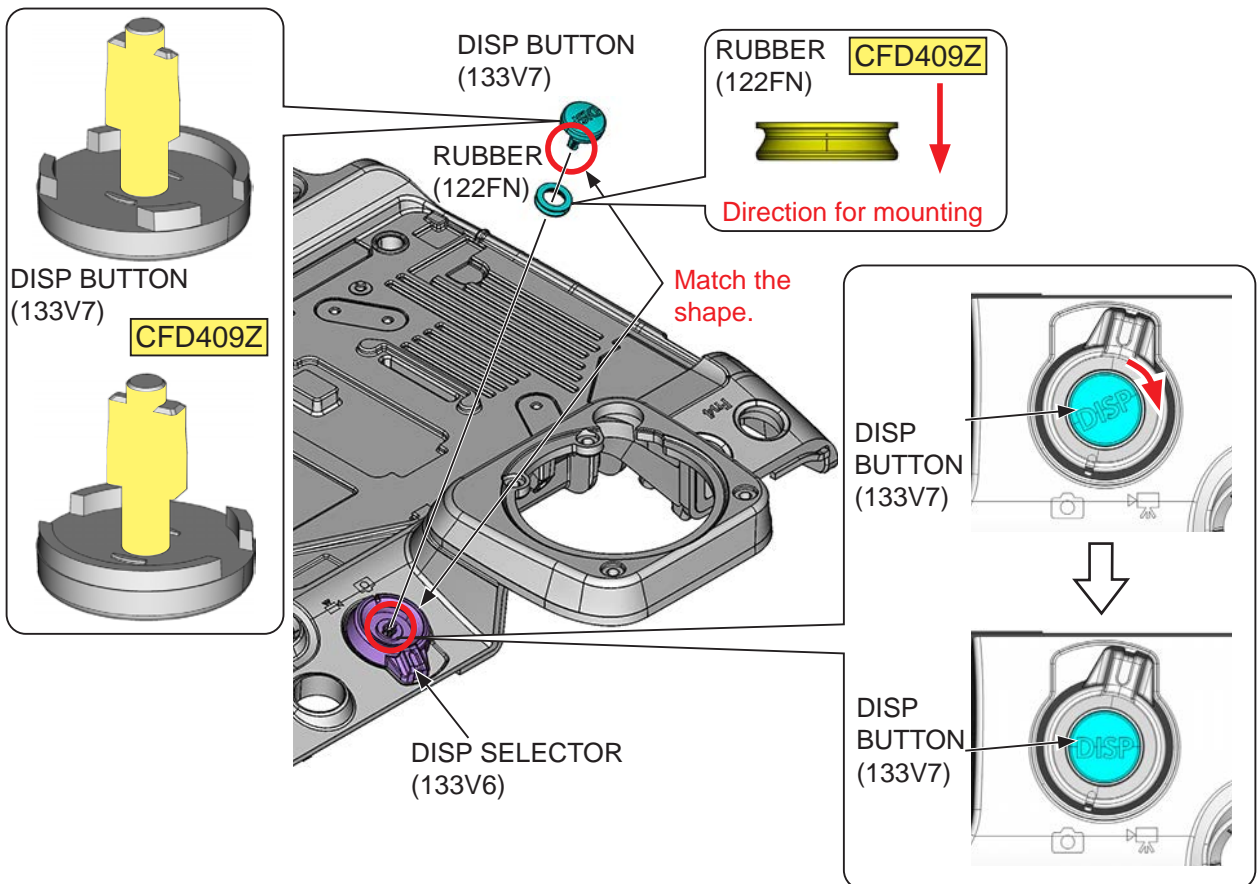
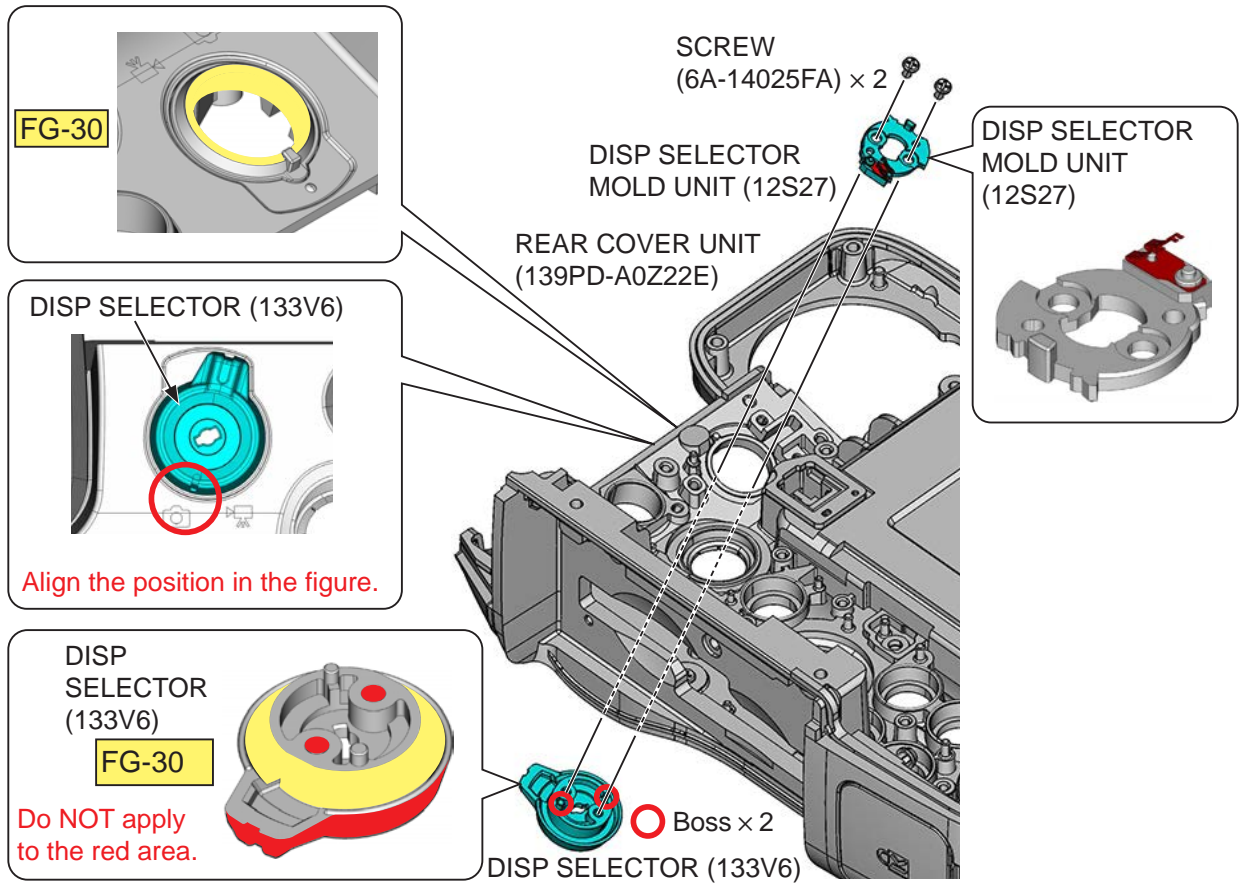


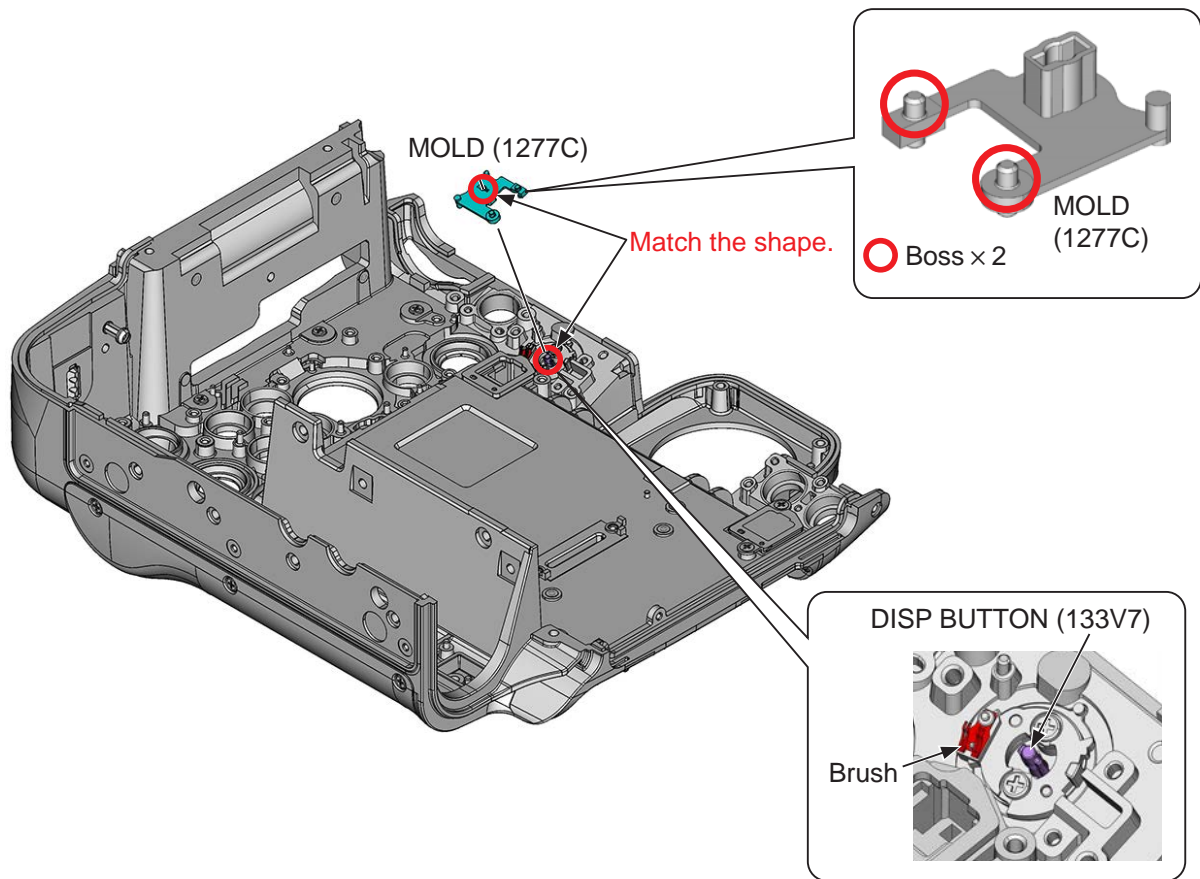
Do NOT apply to the red area.

OS-30P

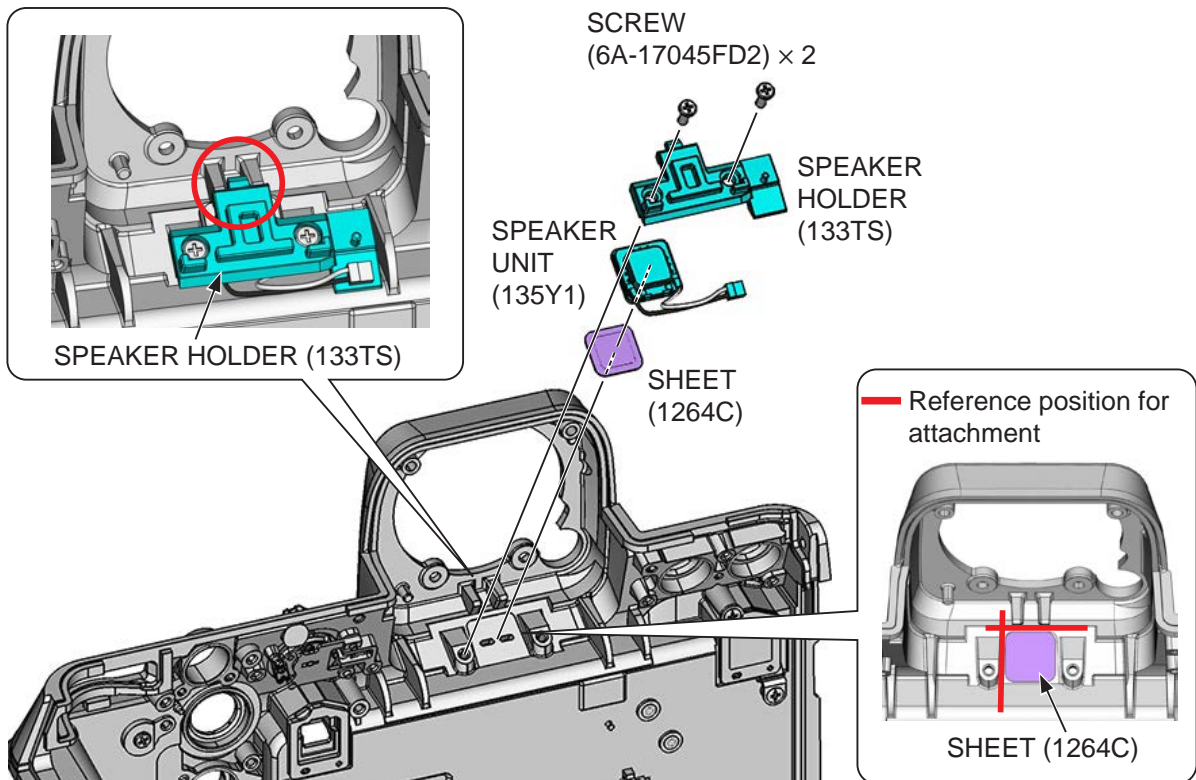
REAR COVER UNIT (139PD-A0Z22E)

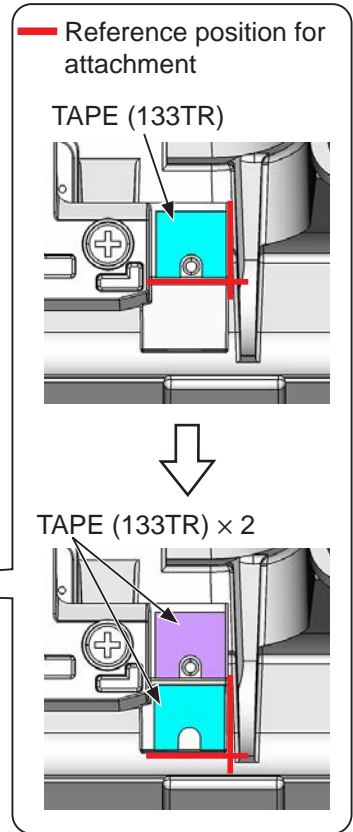
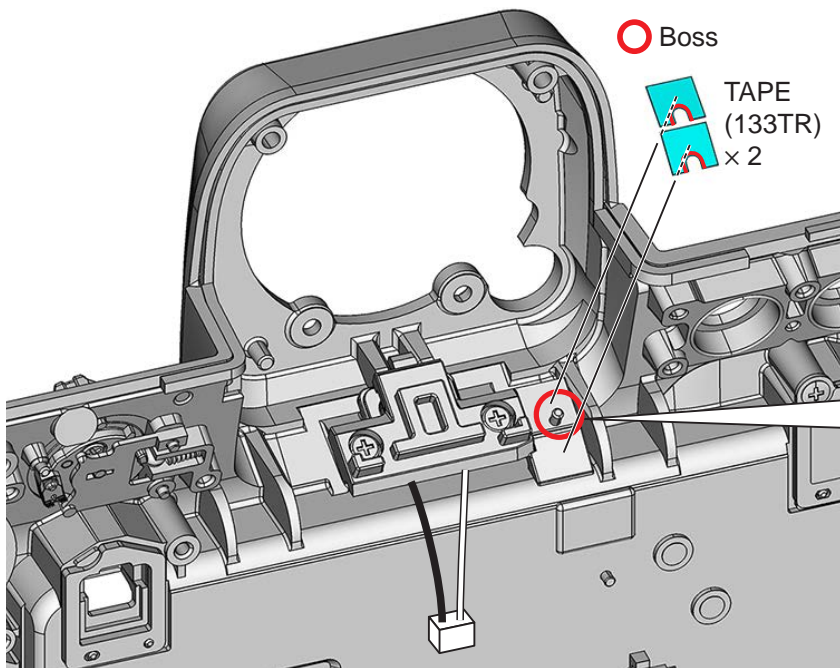




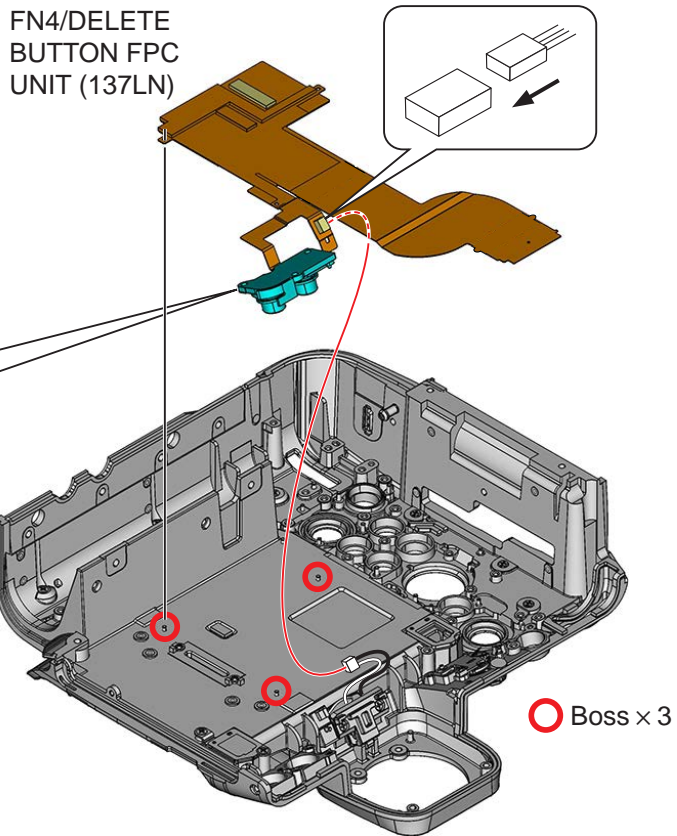
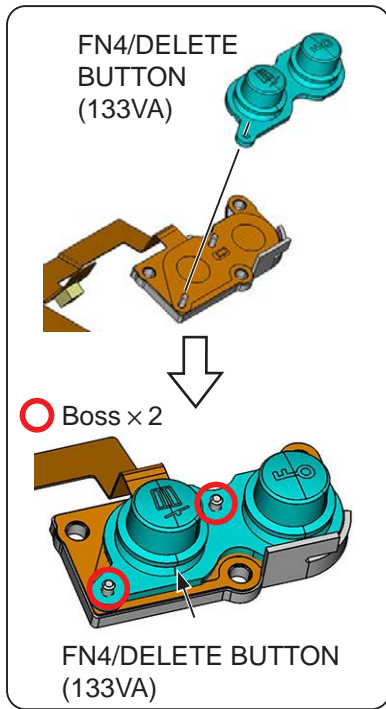


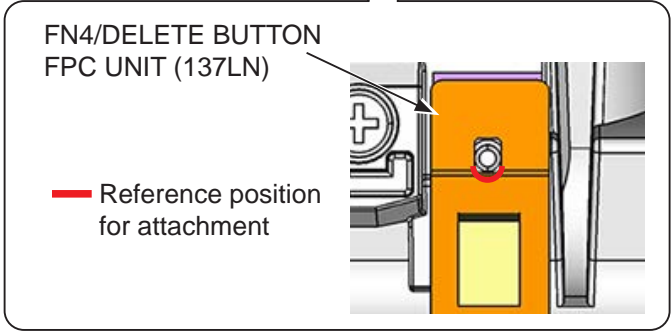
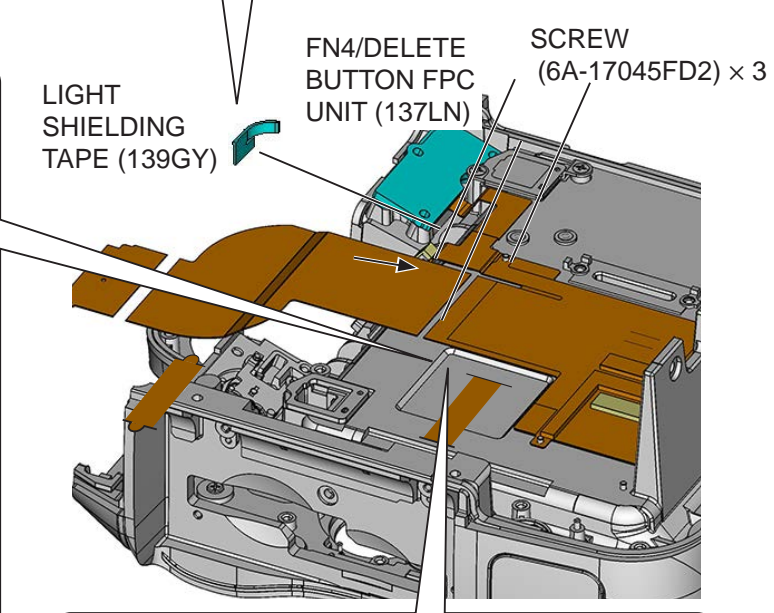
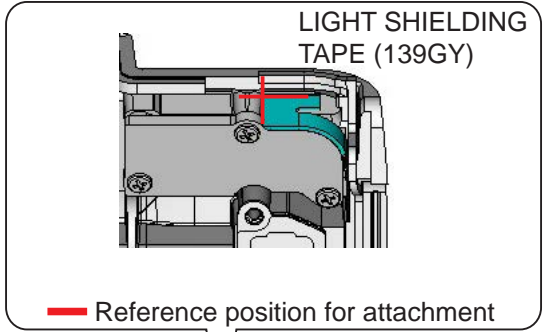
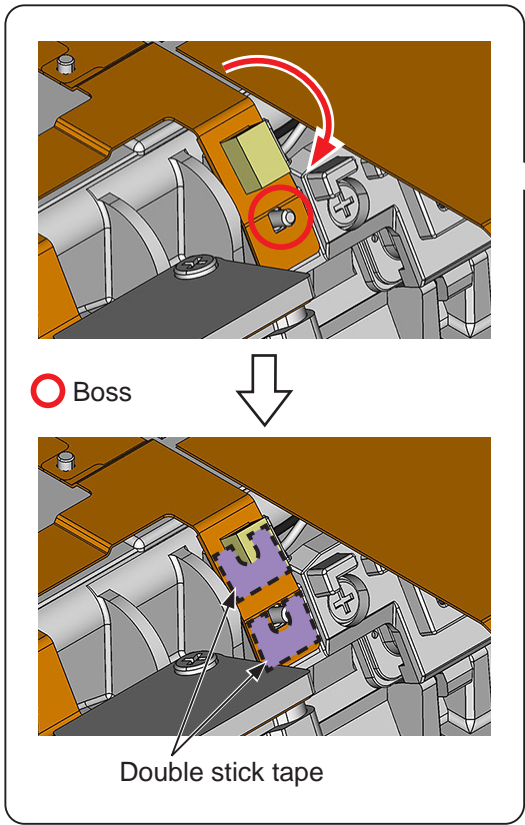
SPEAKER UNIT

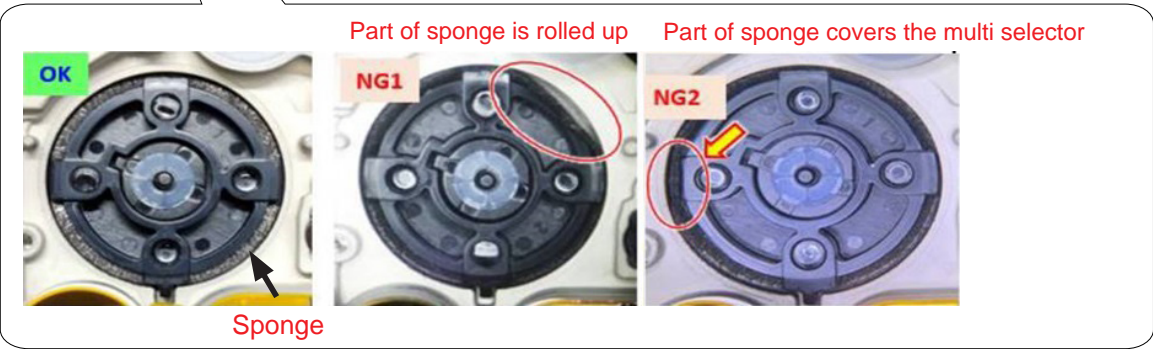
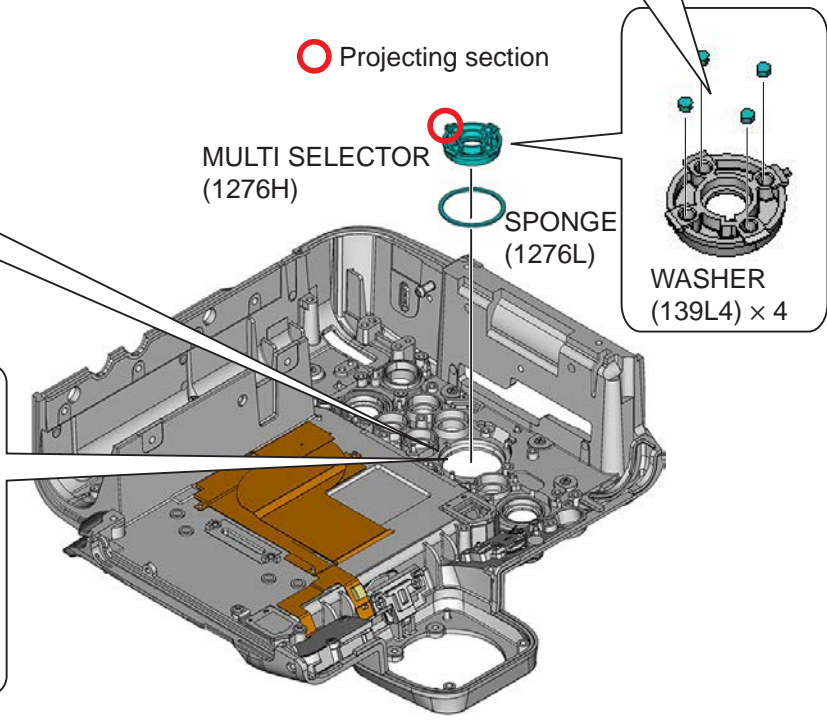
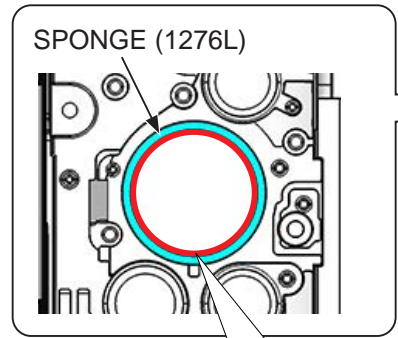
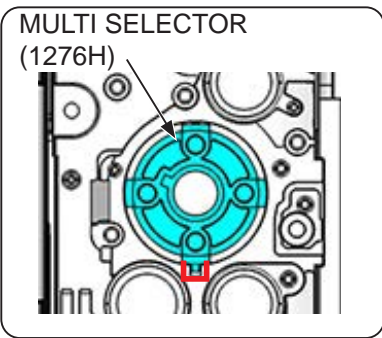
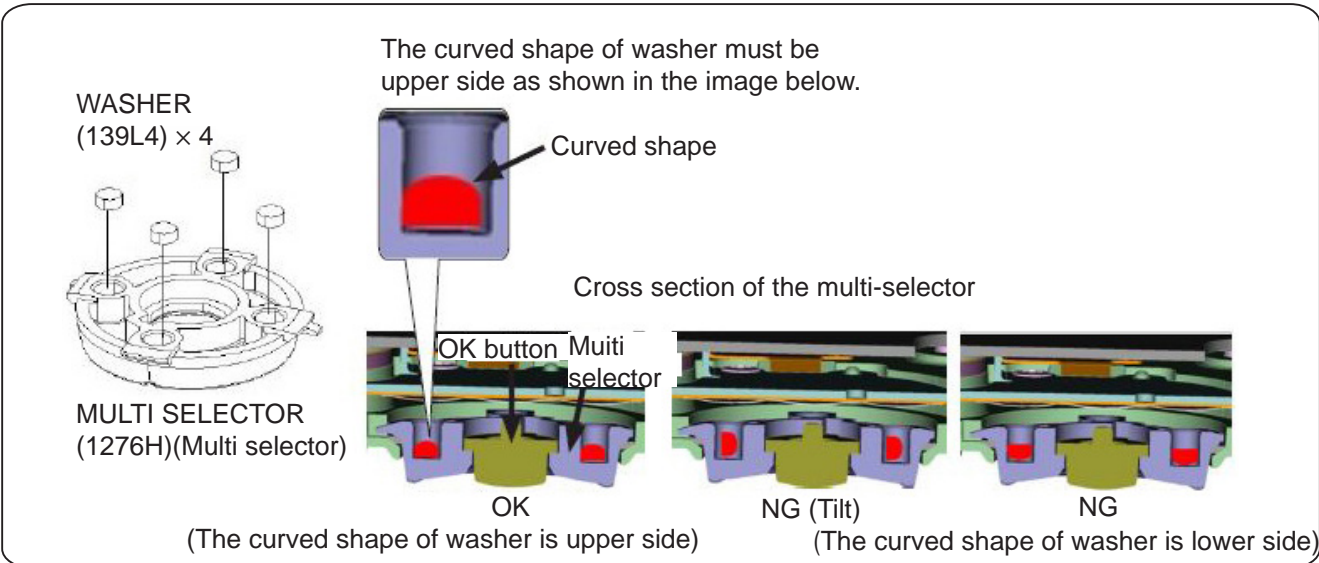


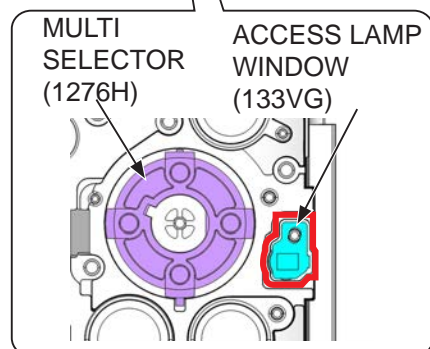
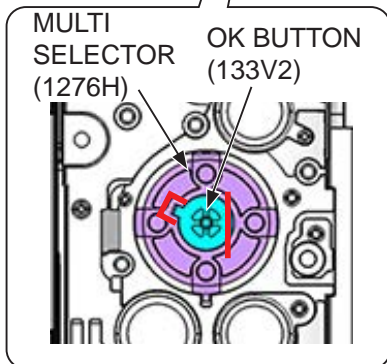
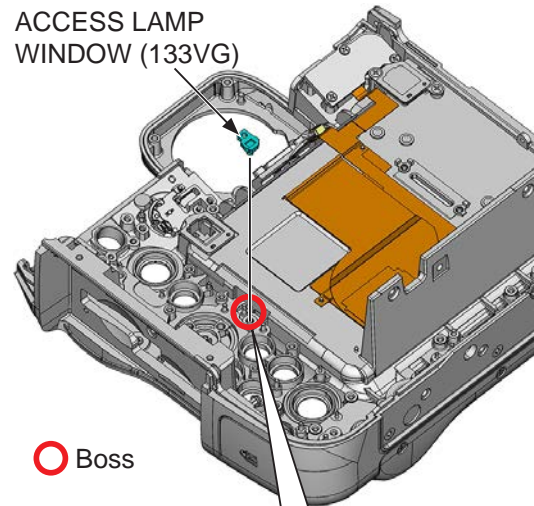
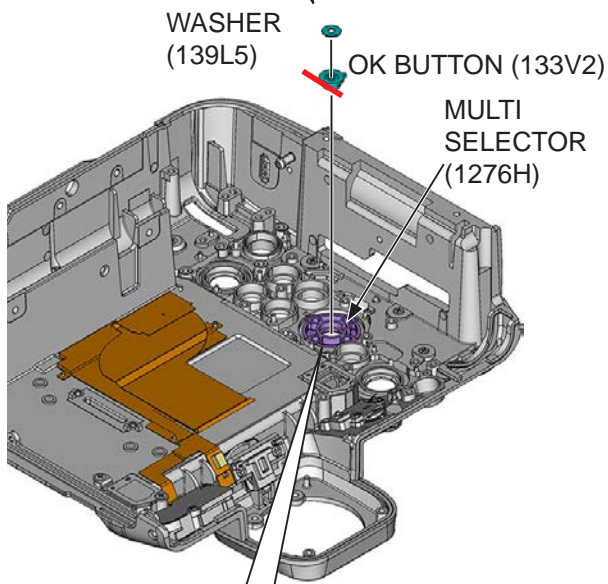
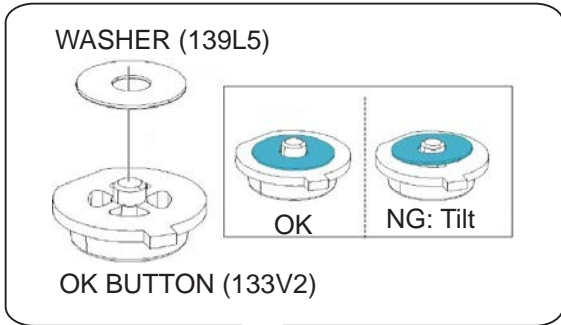


FN4/DELETE BUTTON FPC UNIT

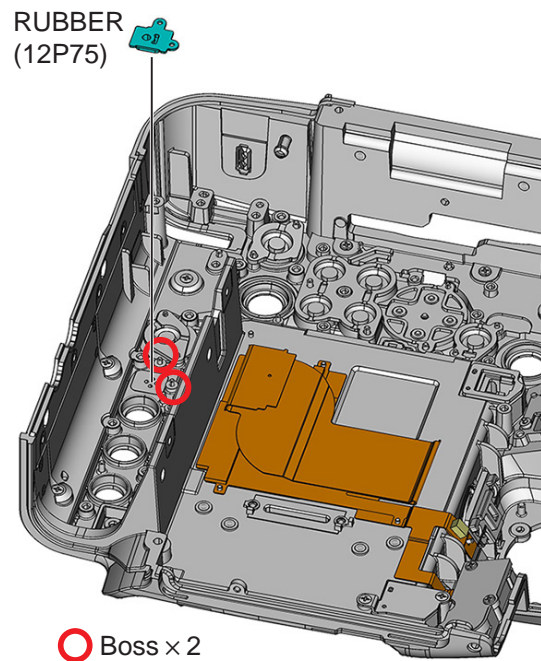
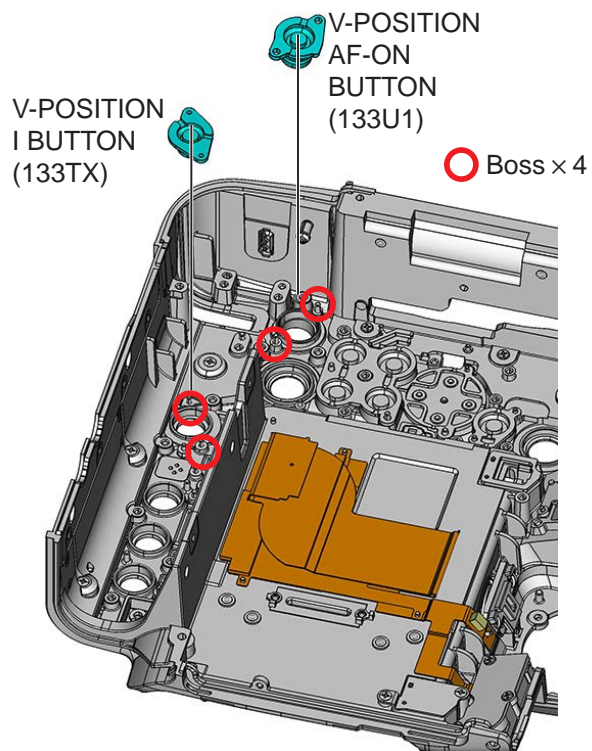
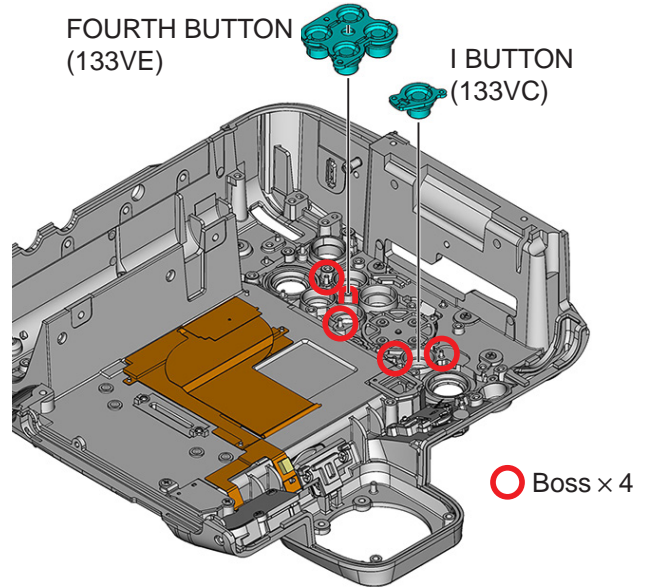
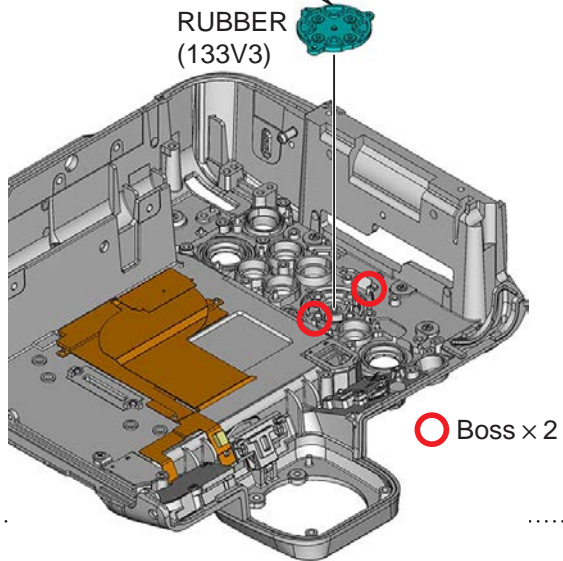


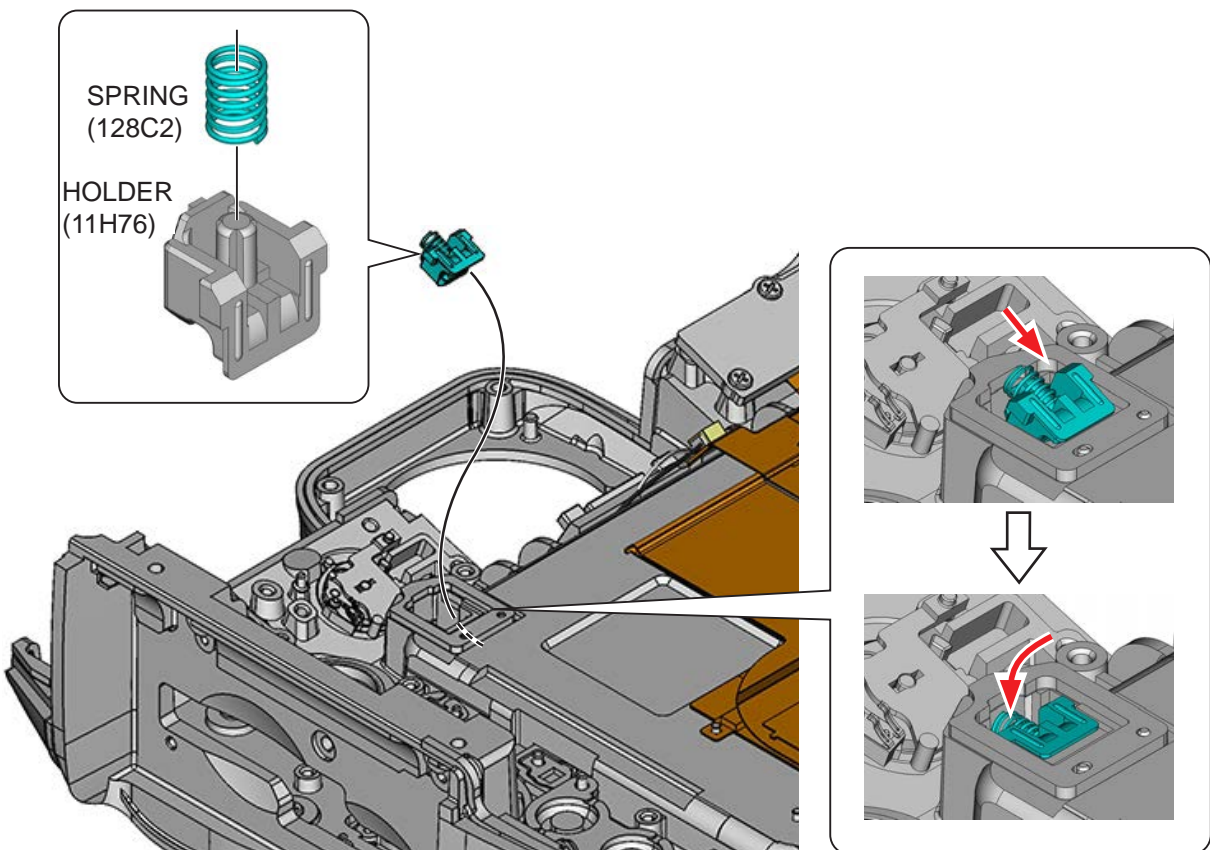
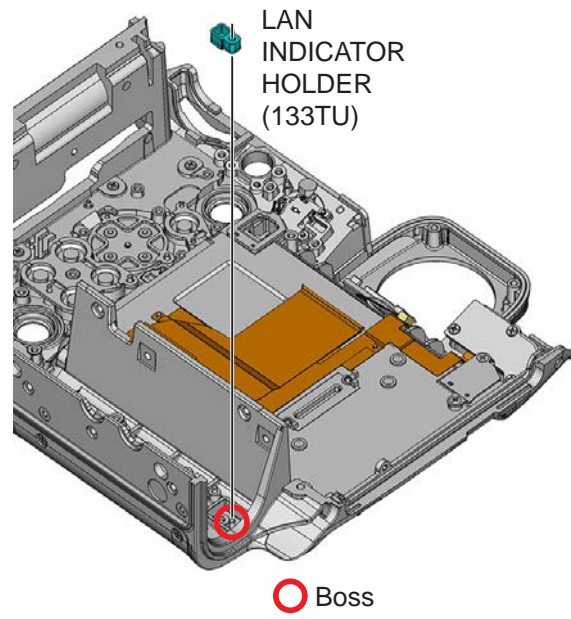
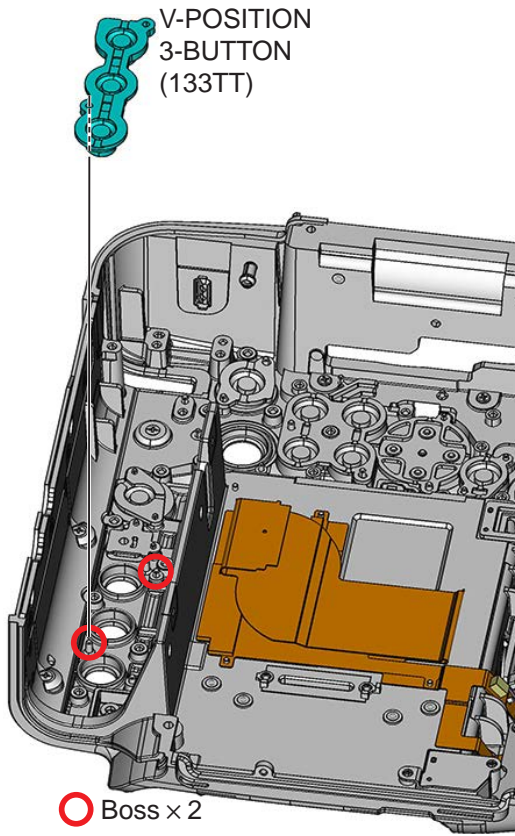




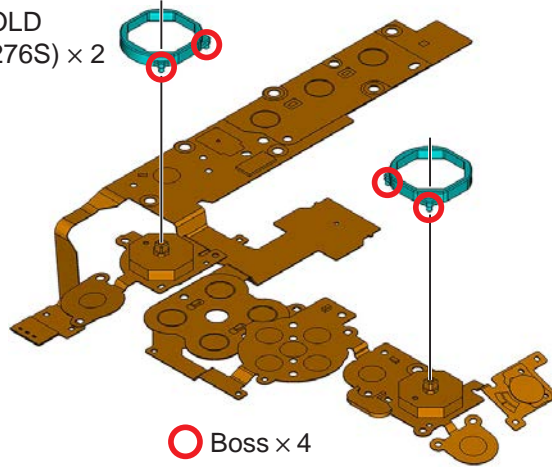


Do NOT attach WASHER (139L5)
to RUBBER (133V3)

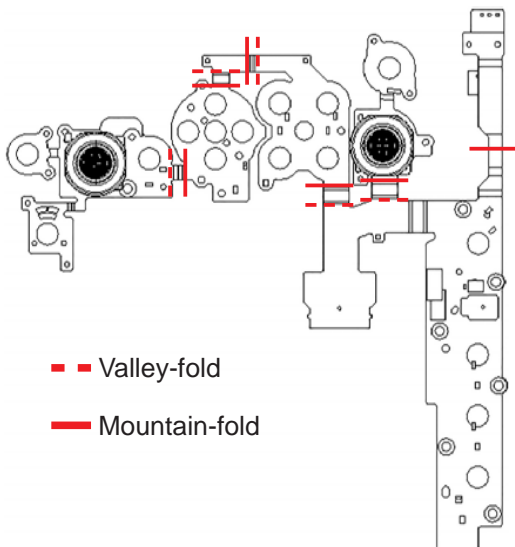
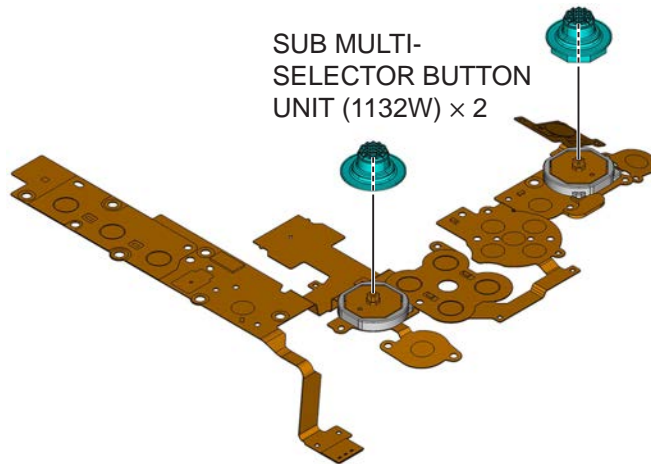




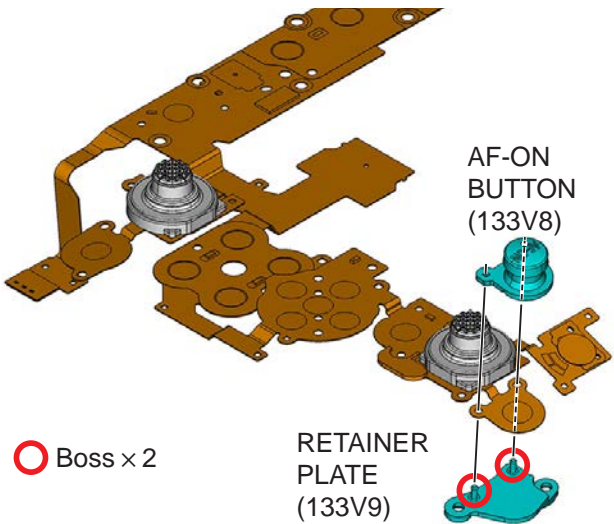
MOLD
(1276S) × 2



SUB MULTI-
SELECTOR BUTTON
UNIT (1132W) × 2

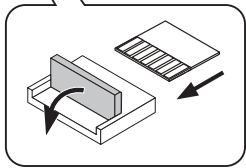
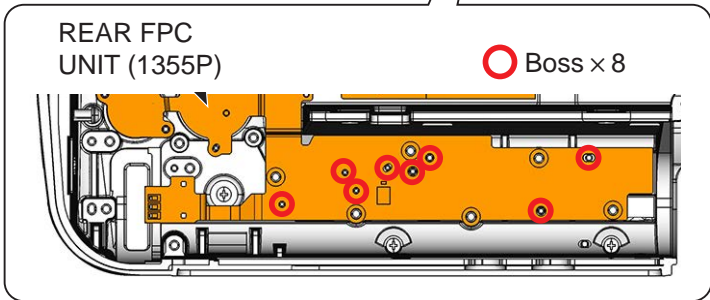
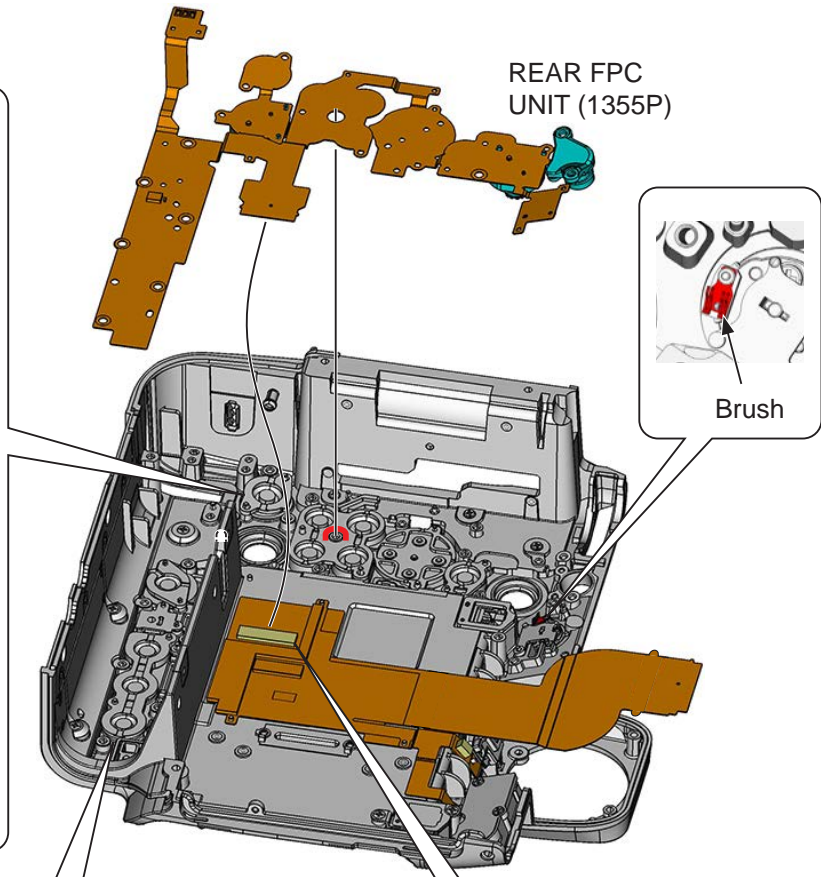
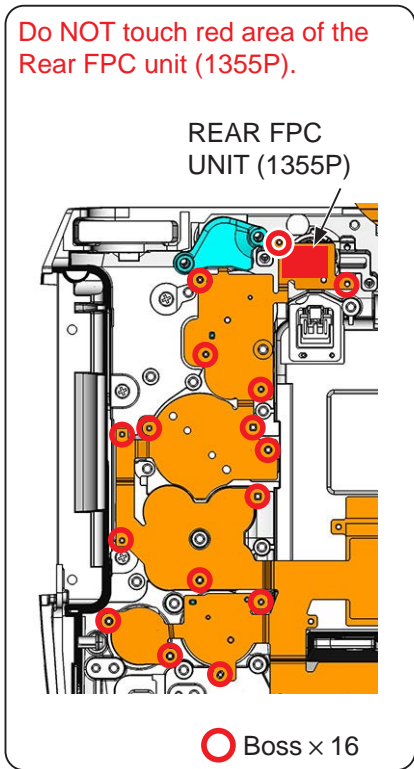
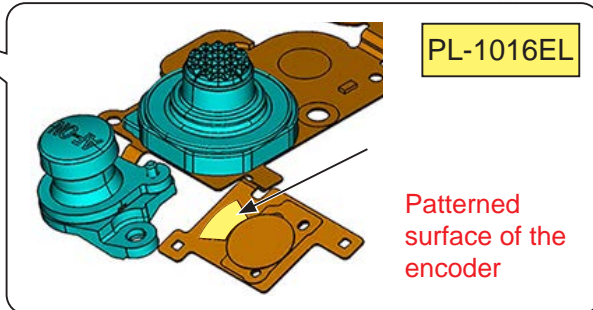
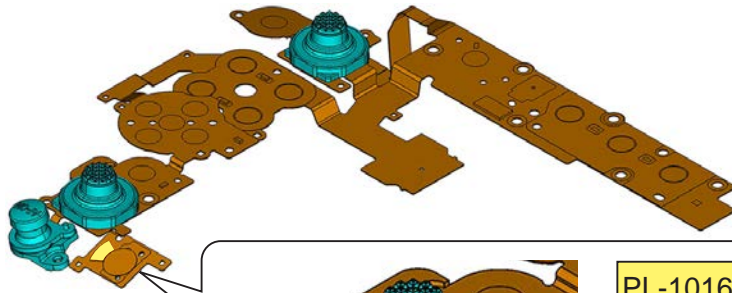


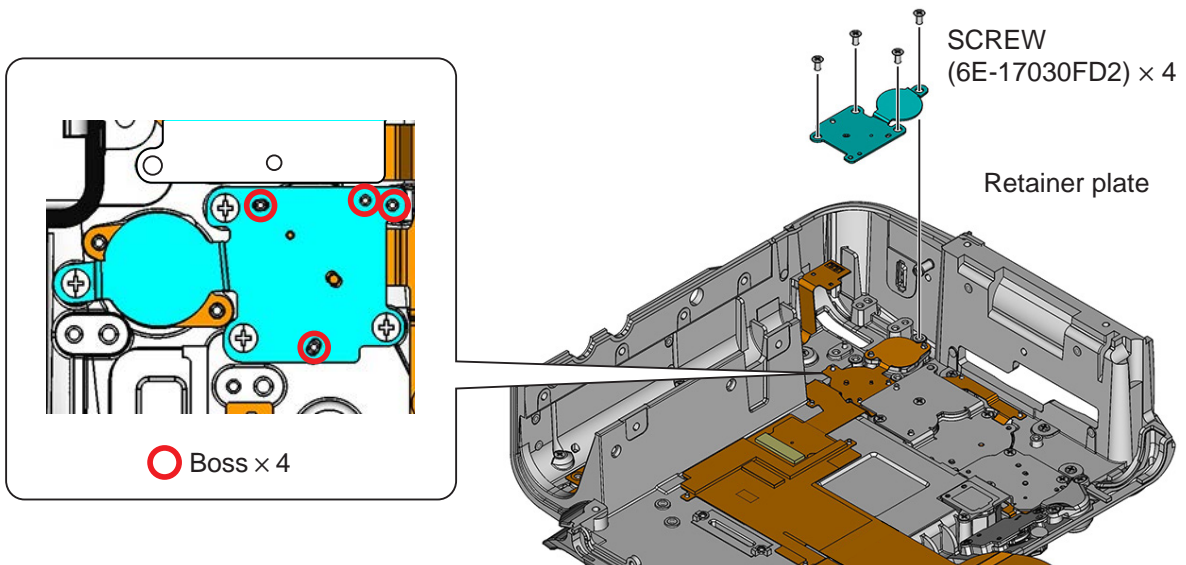
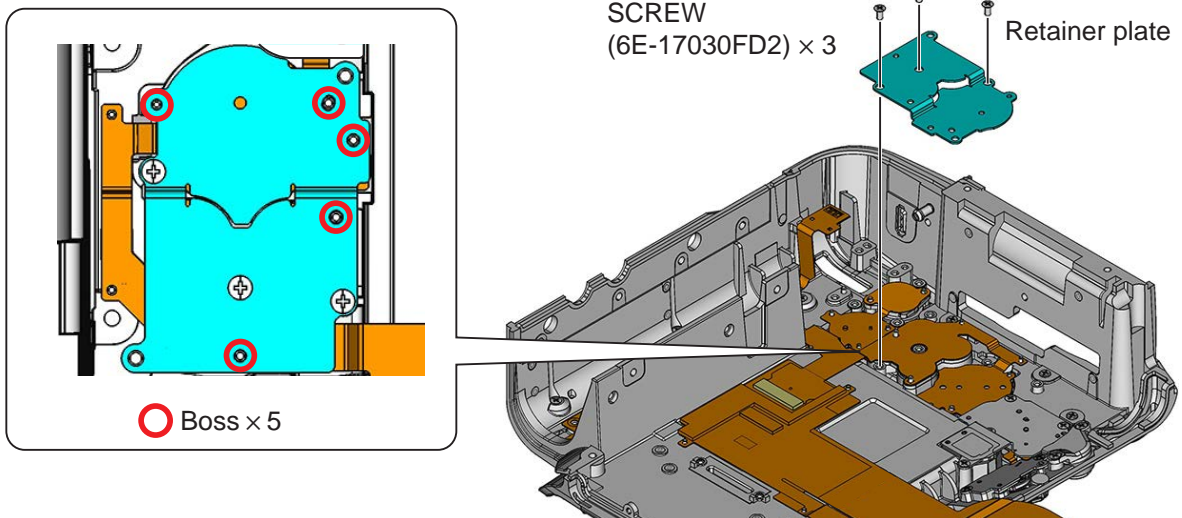
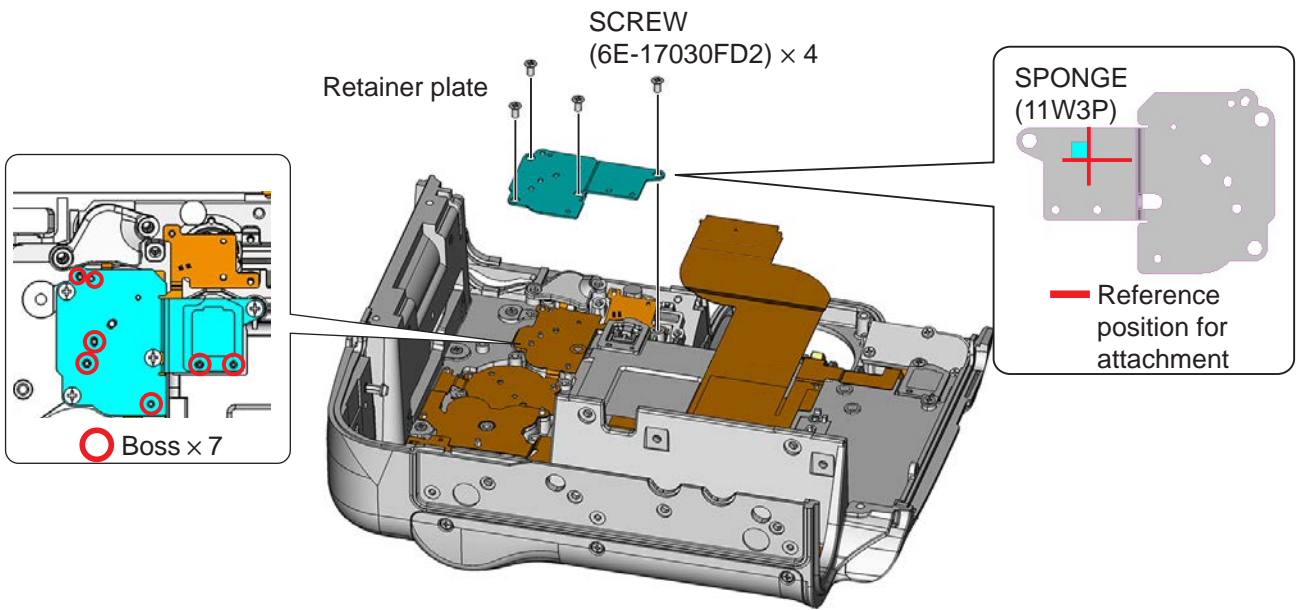
AF-ON
BUTTON
(133V8)

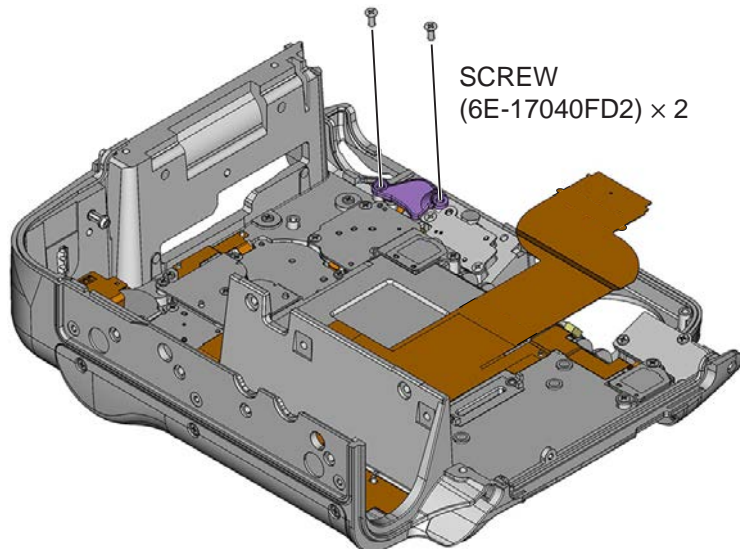
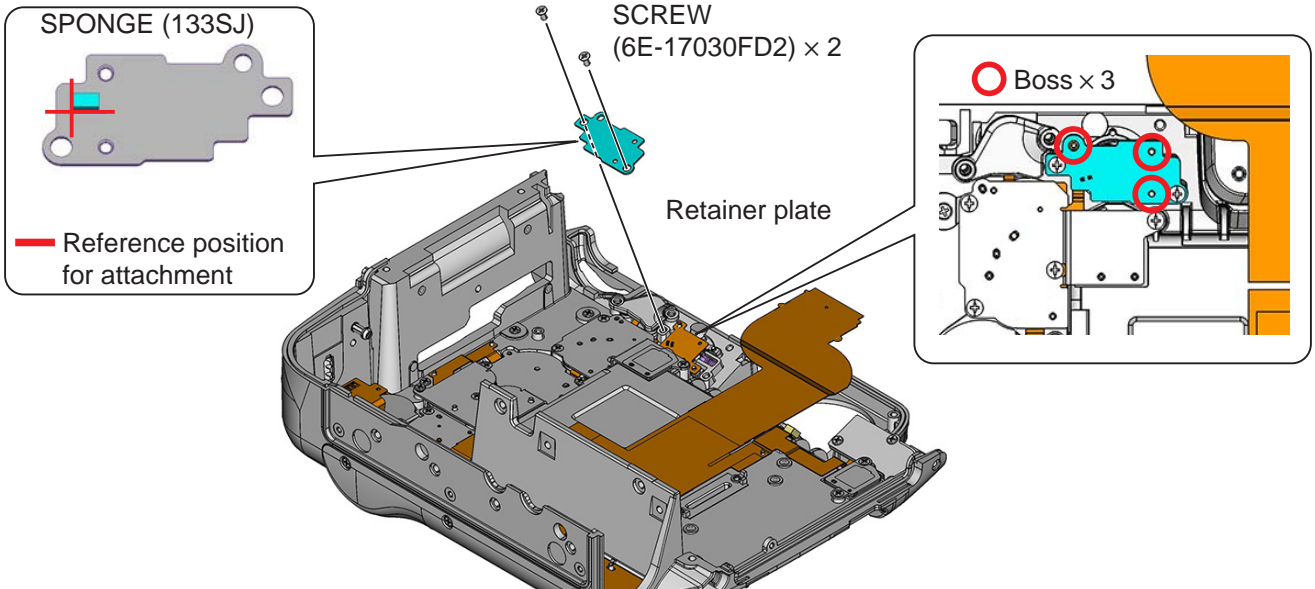
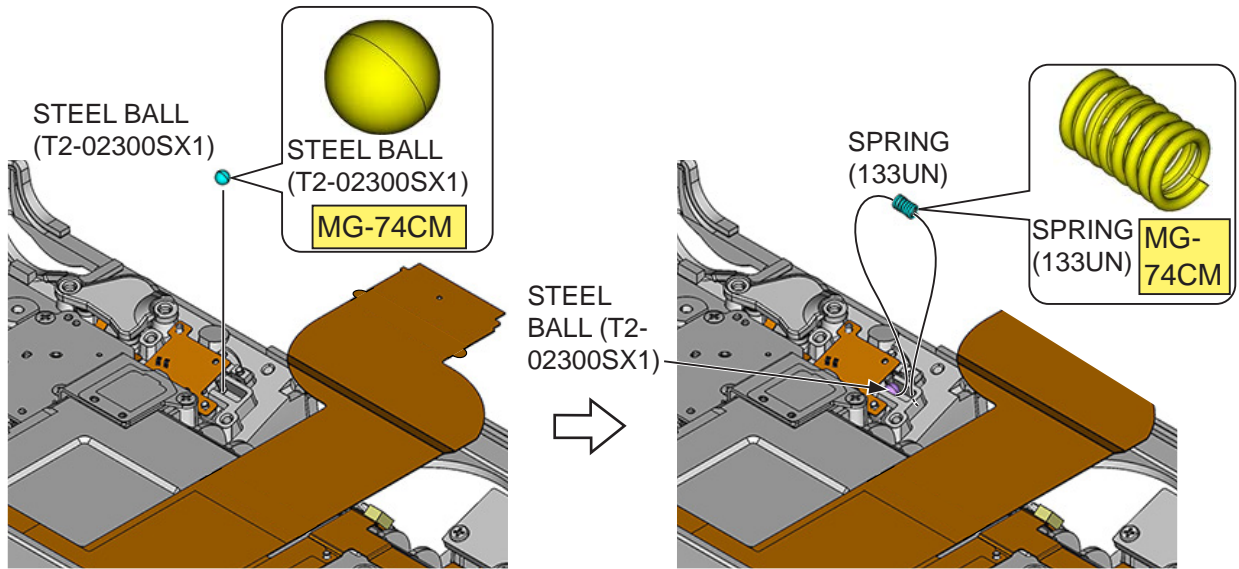


REAR FPC UNIT

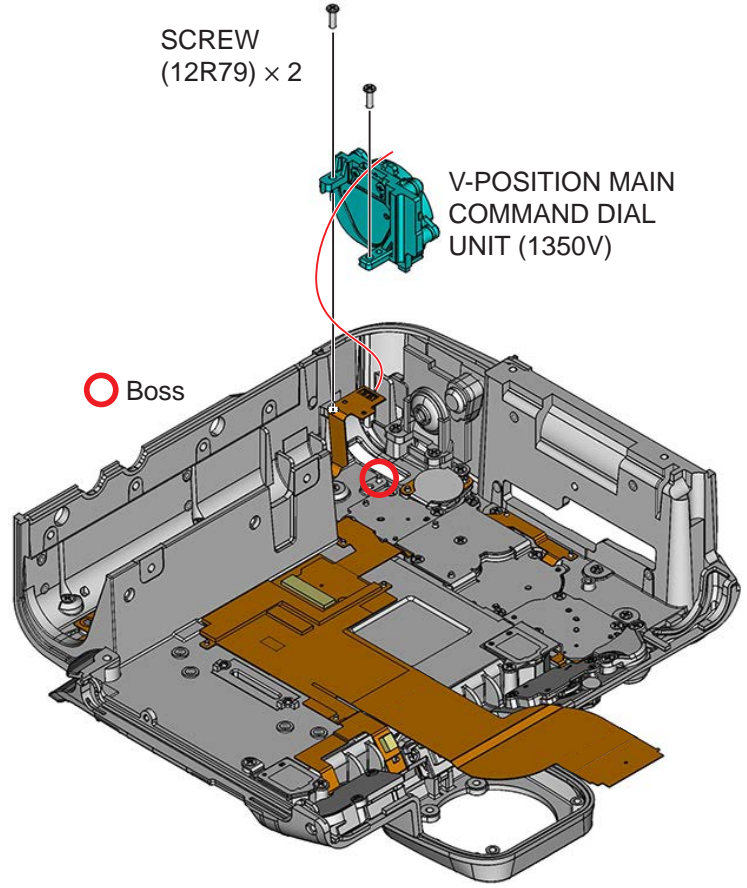
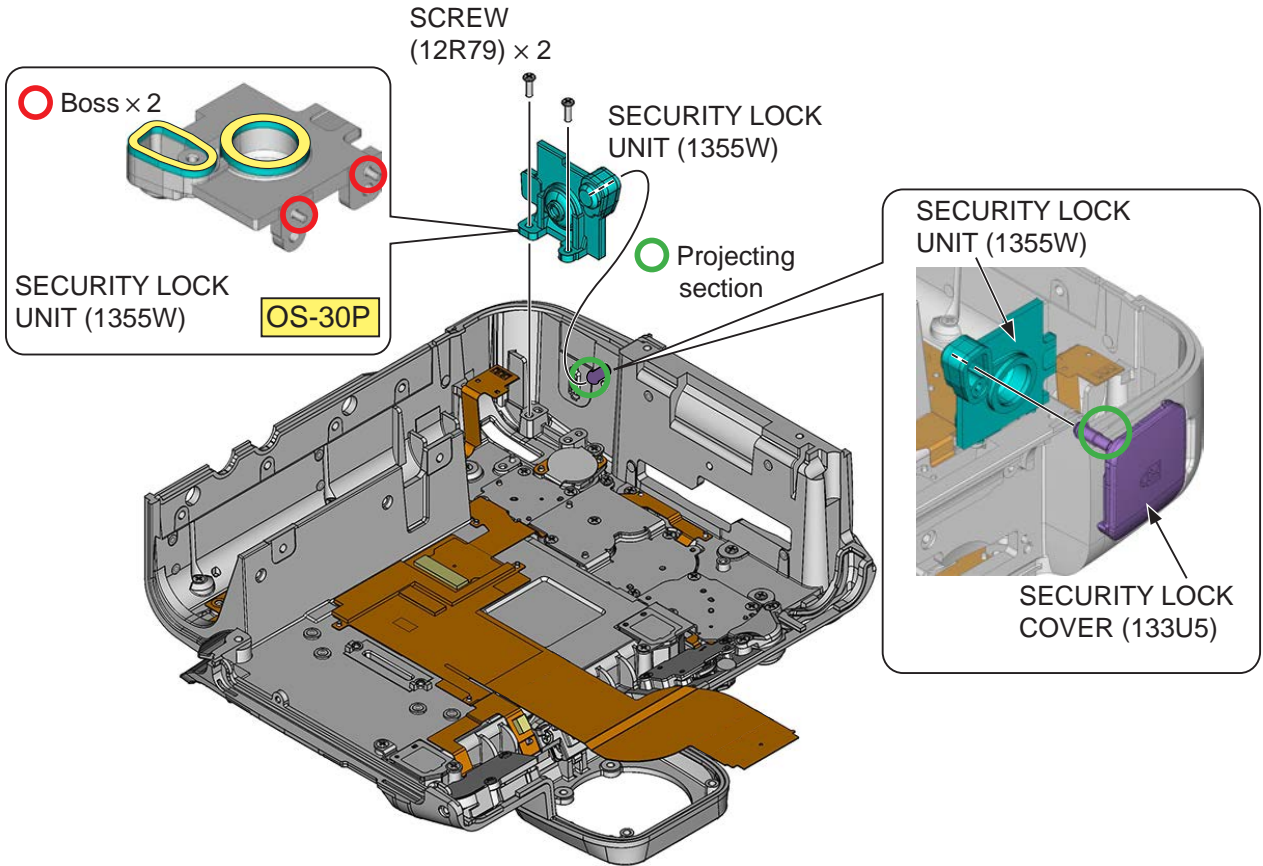
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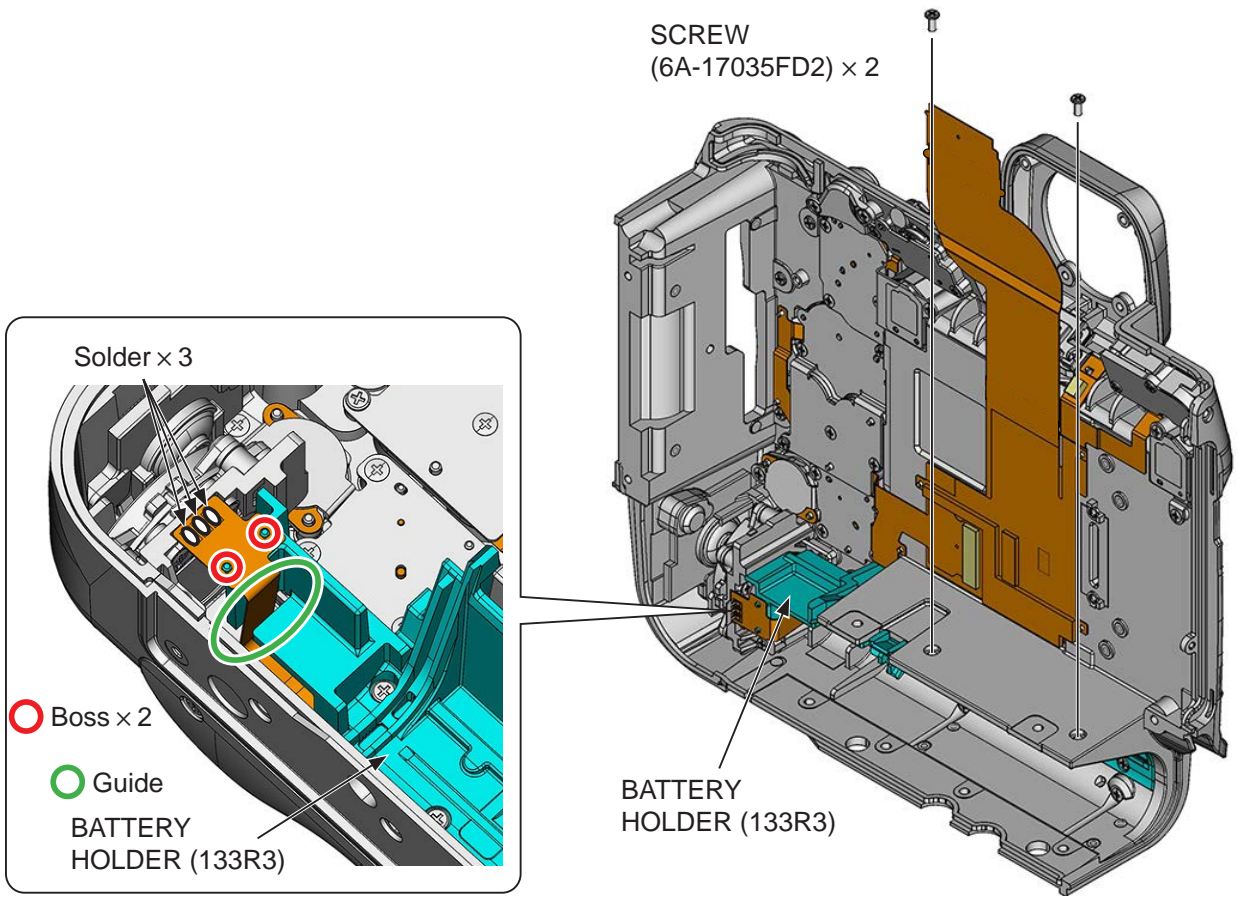
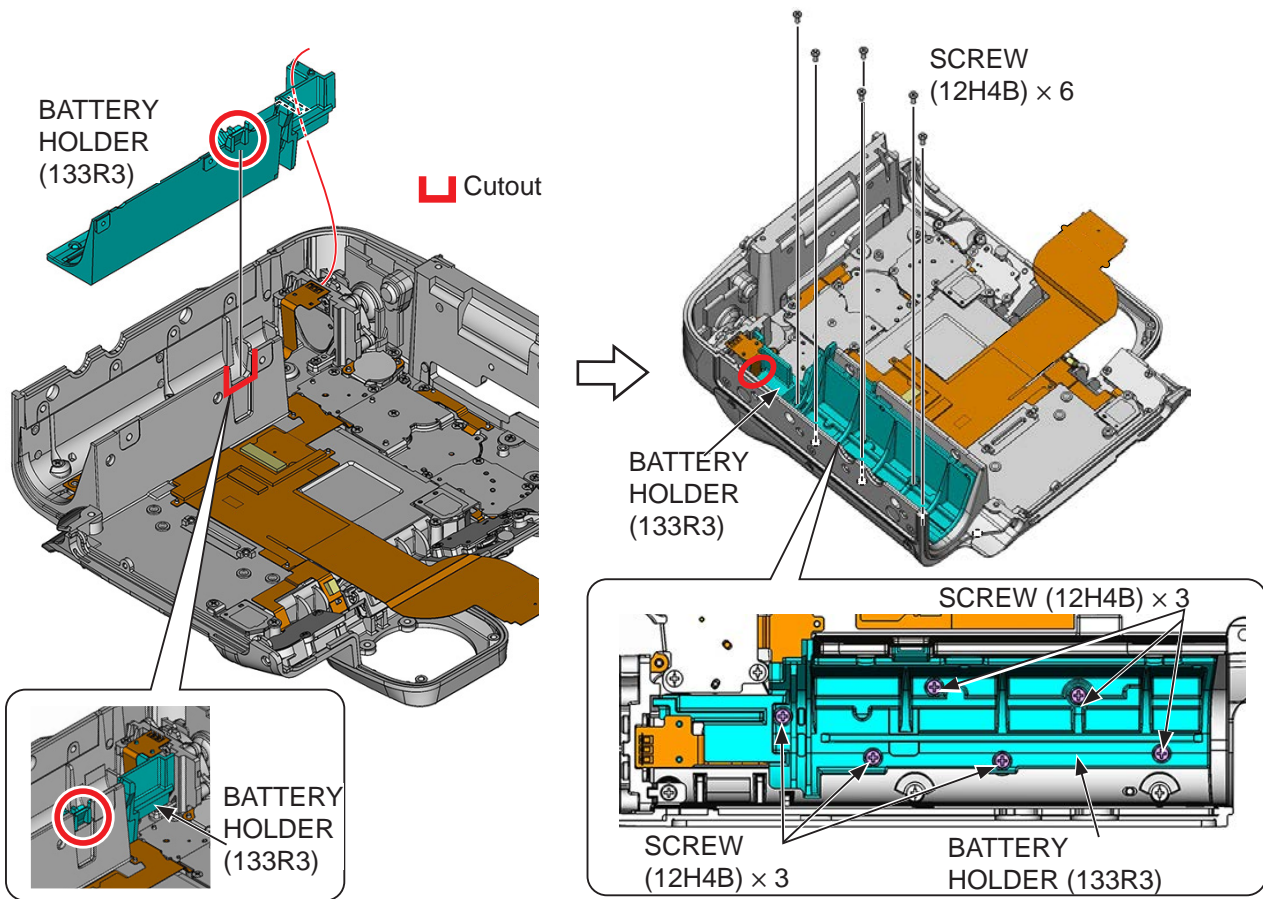


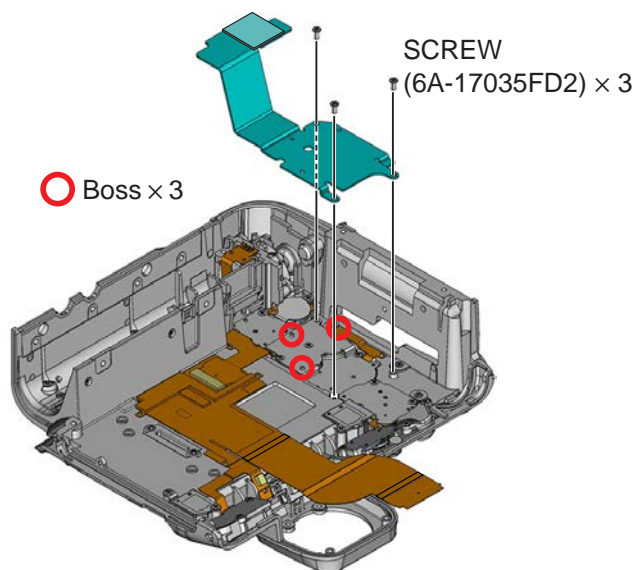
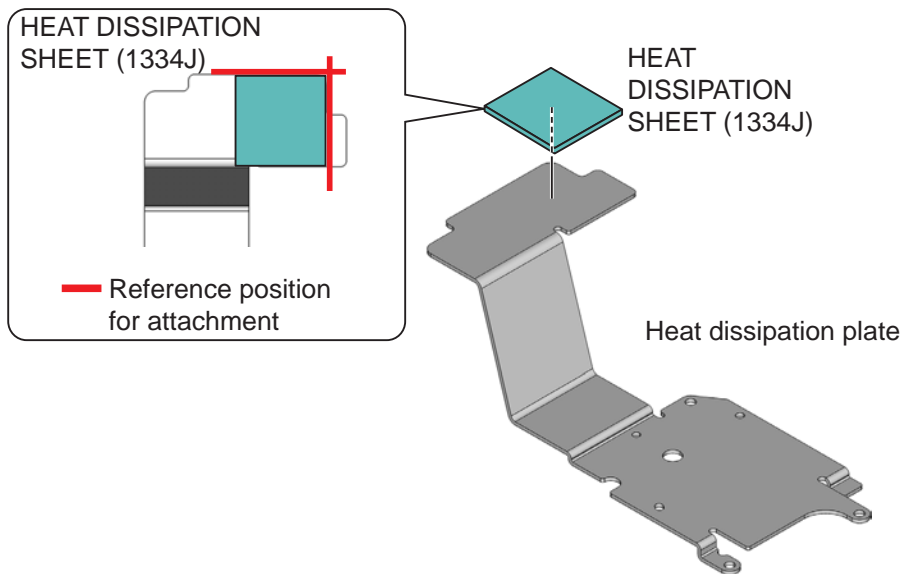
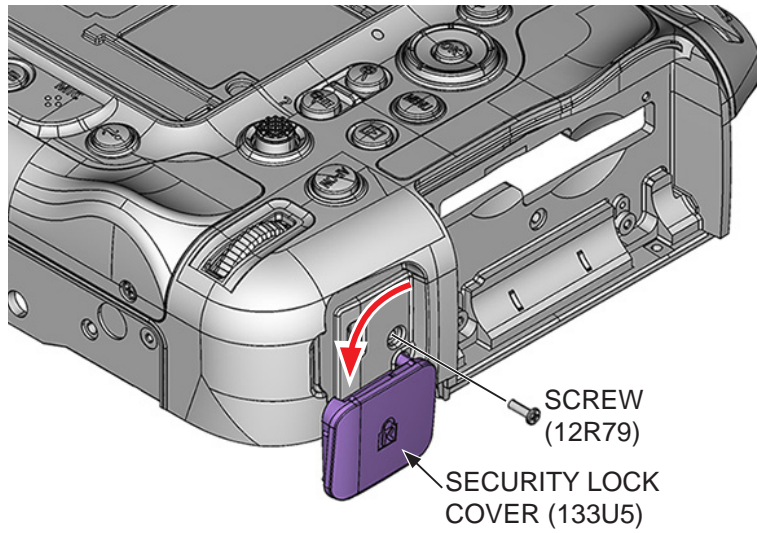




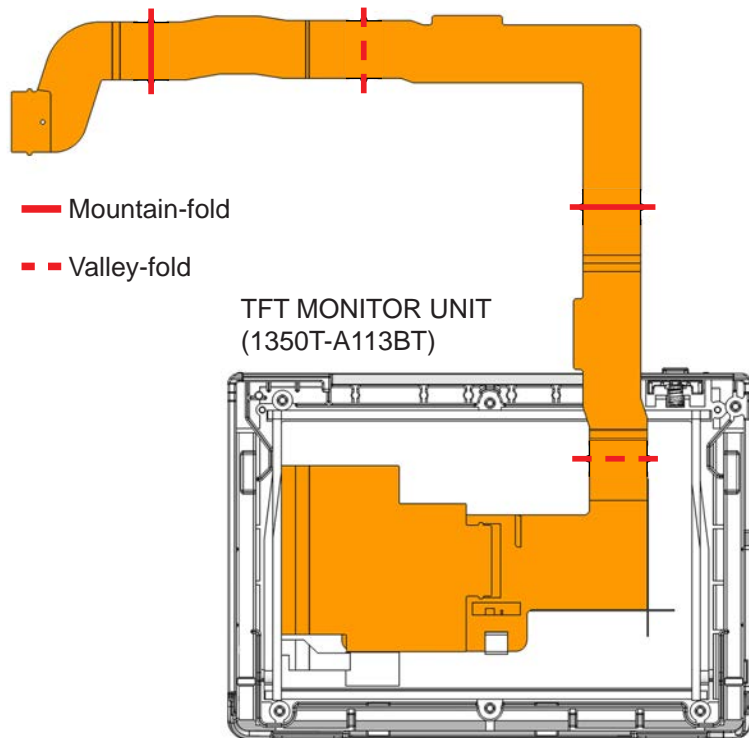
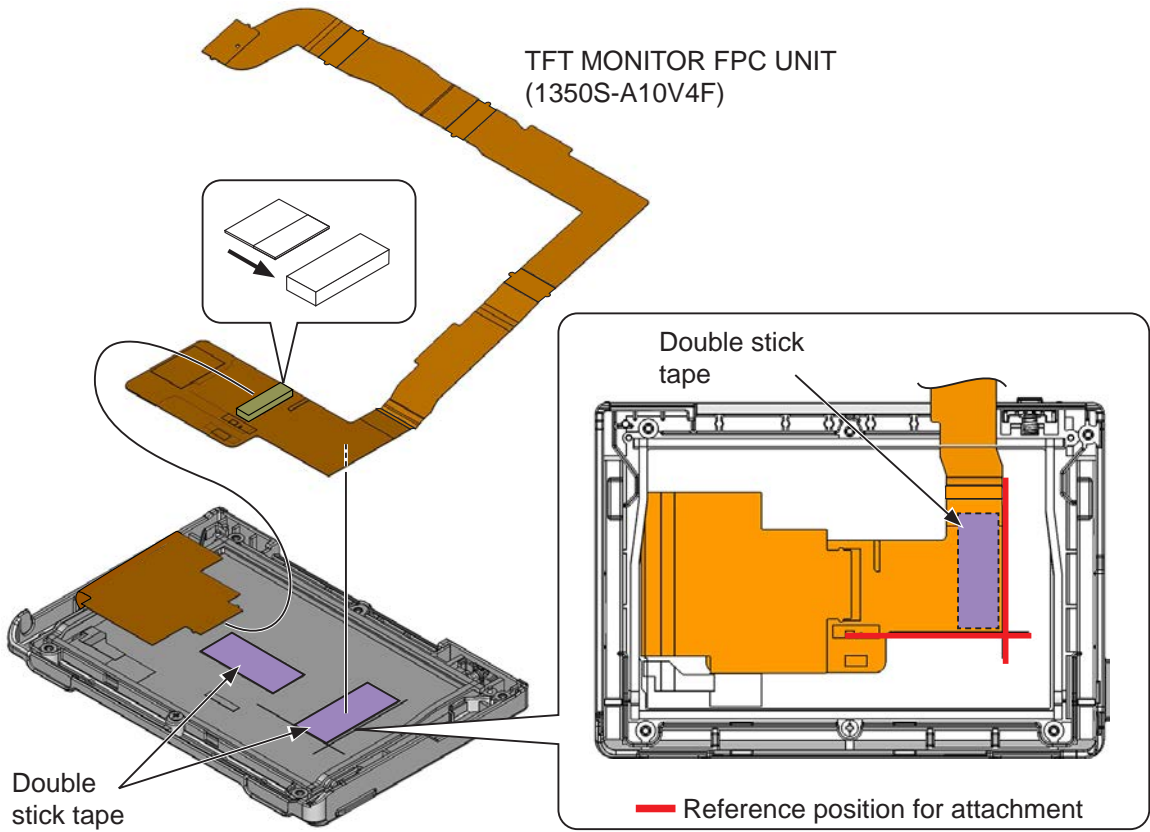
SECURITY LOCK UNIT

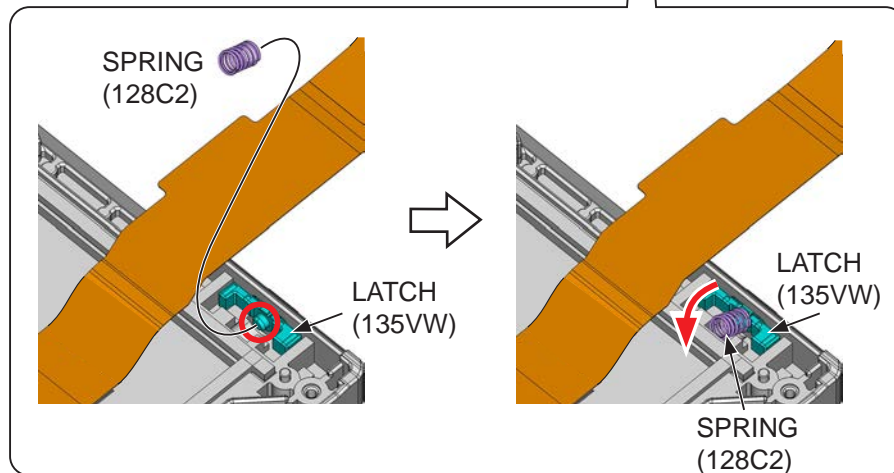
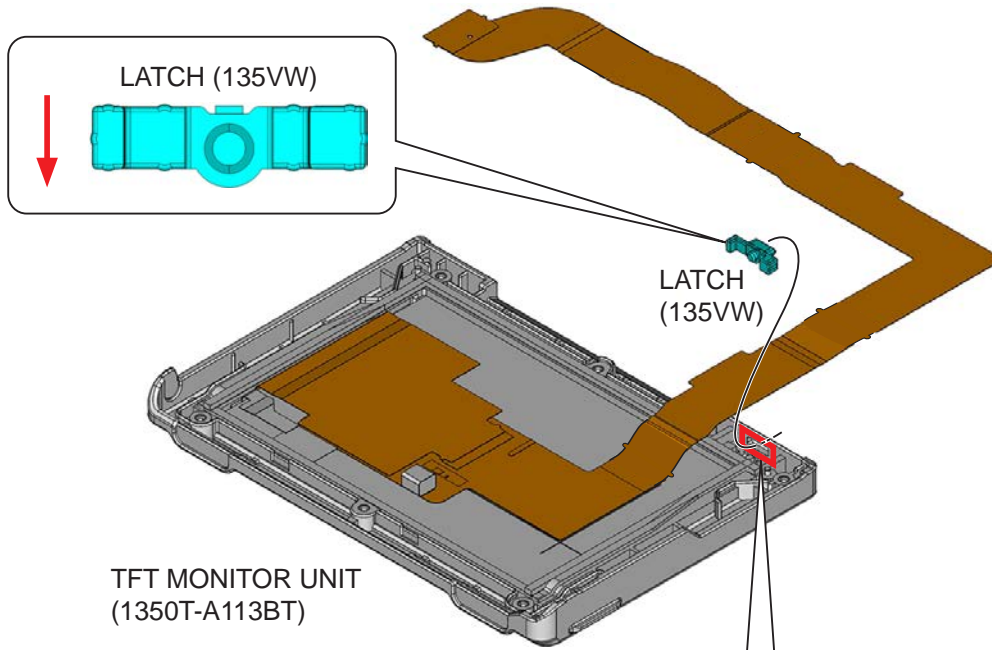




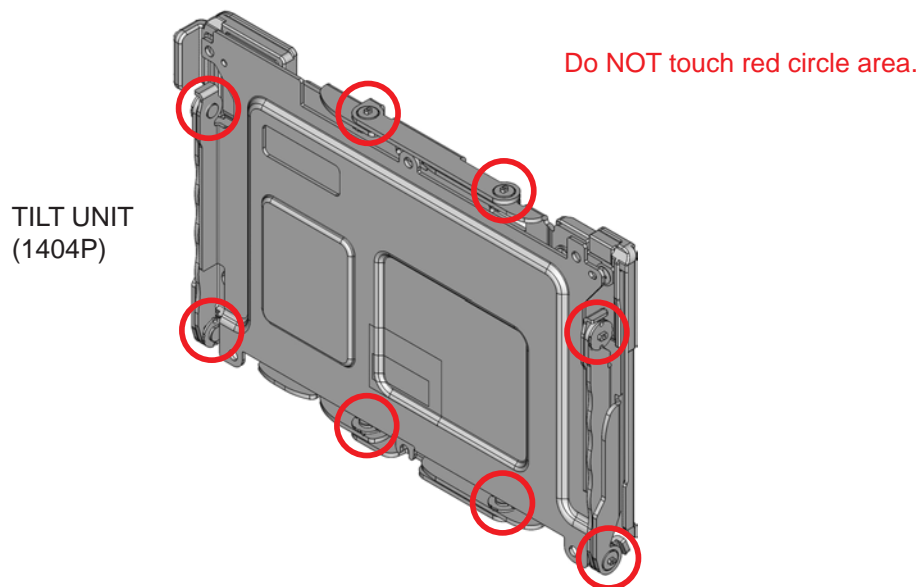


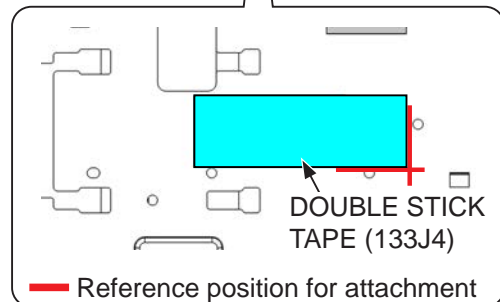
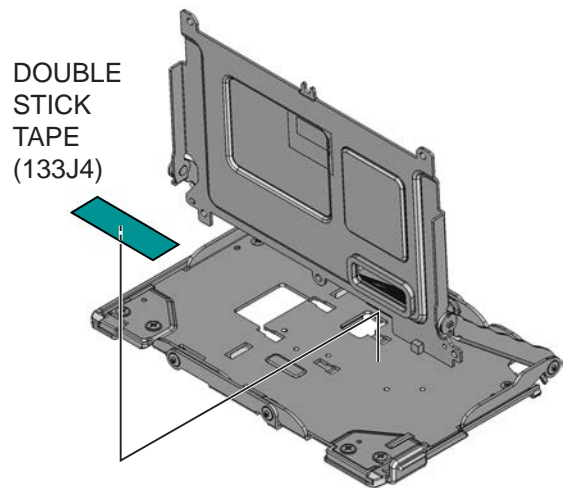
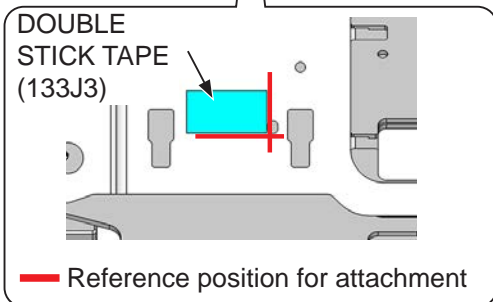
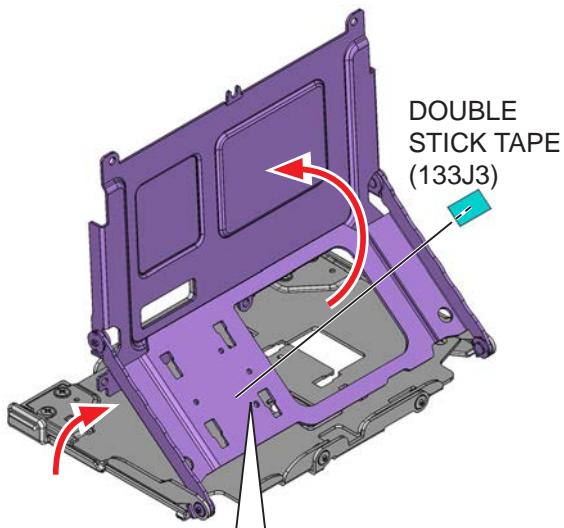
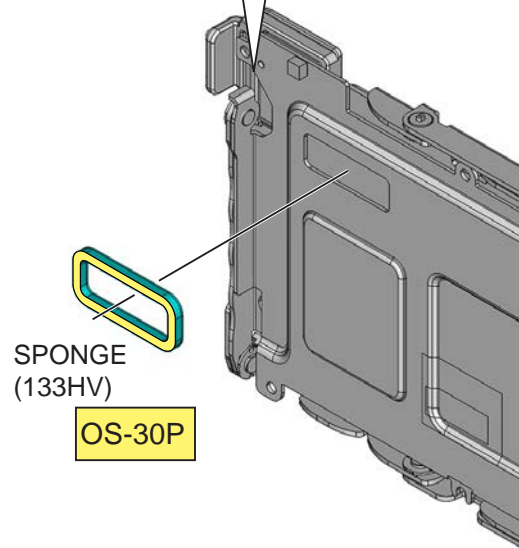
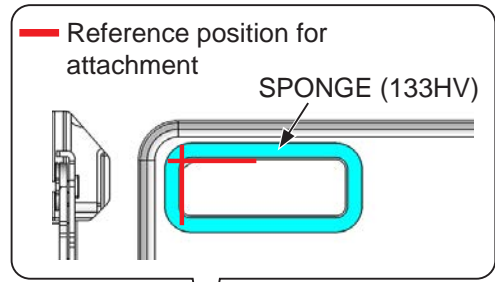
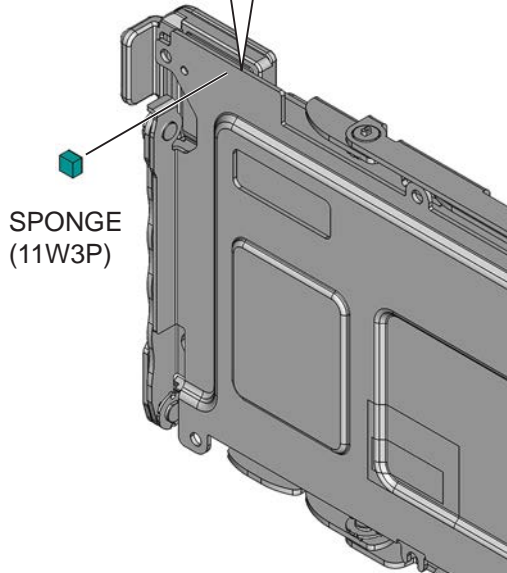
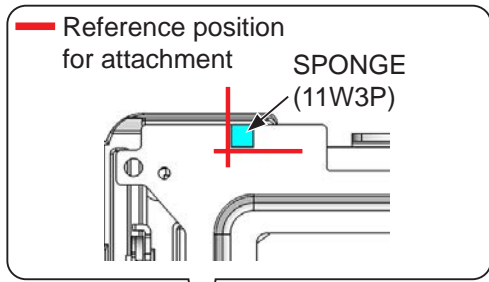
TFT MONITOR UNIT

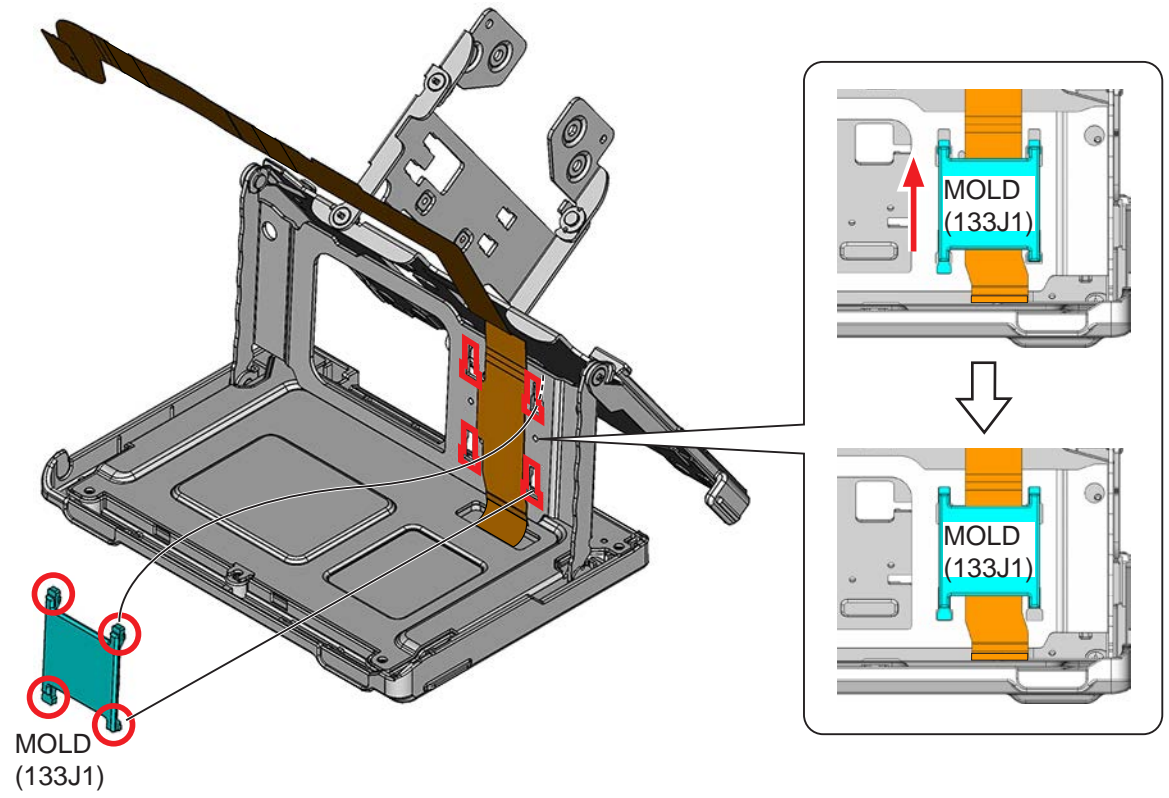
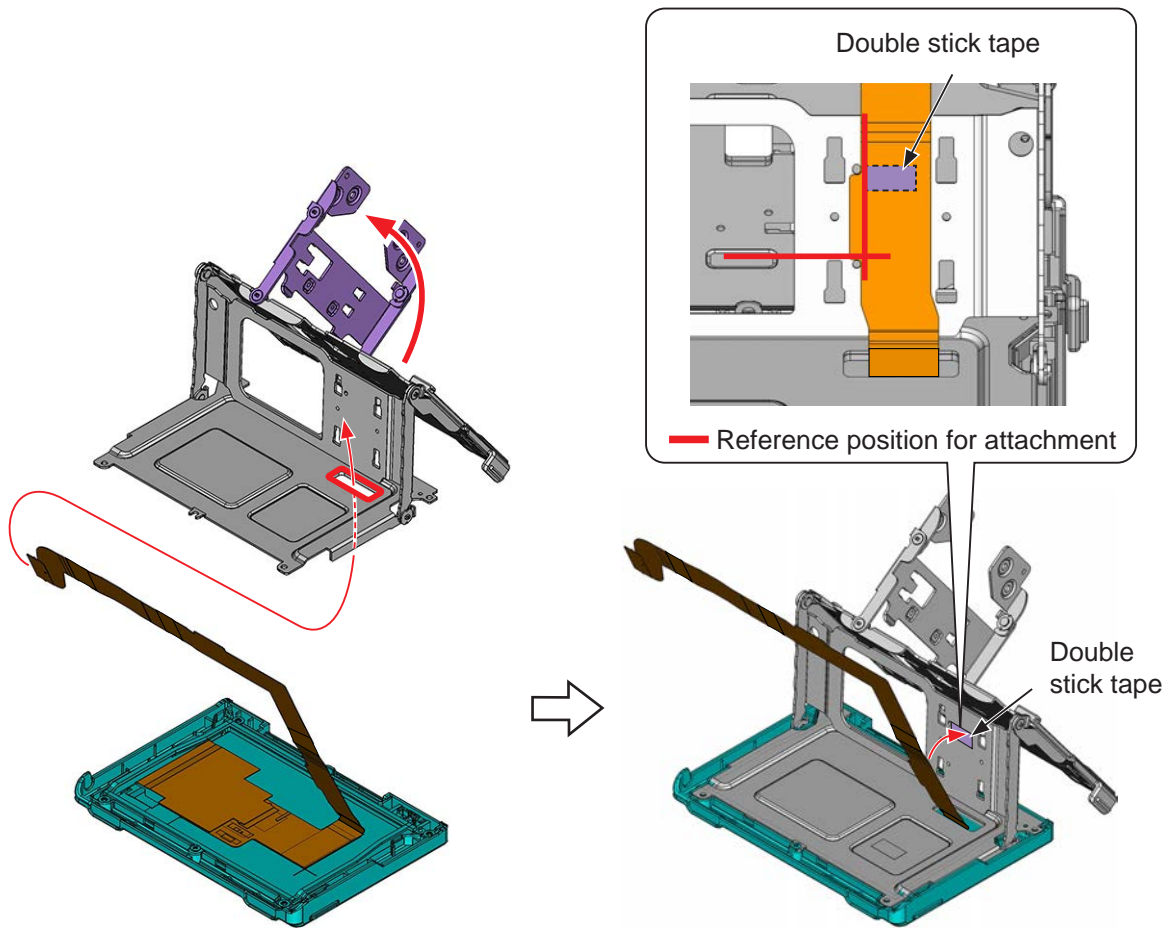


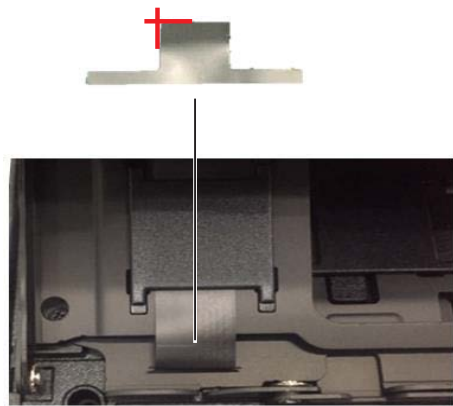
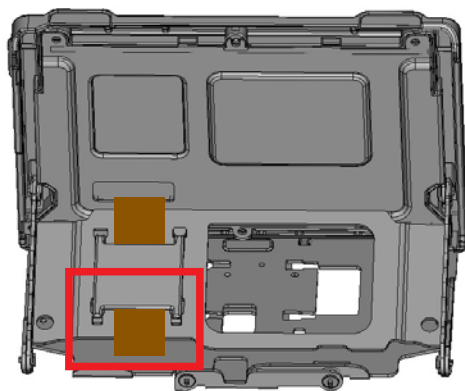
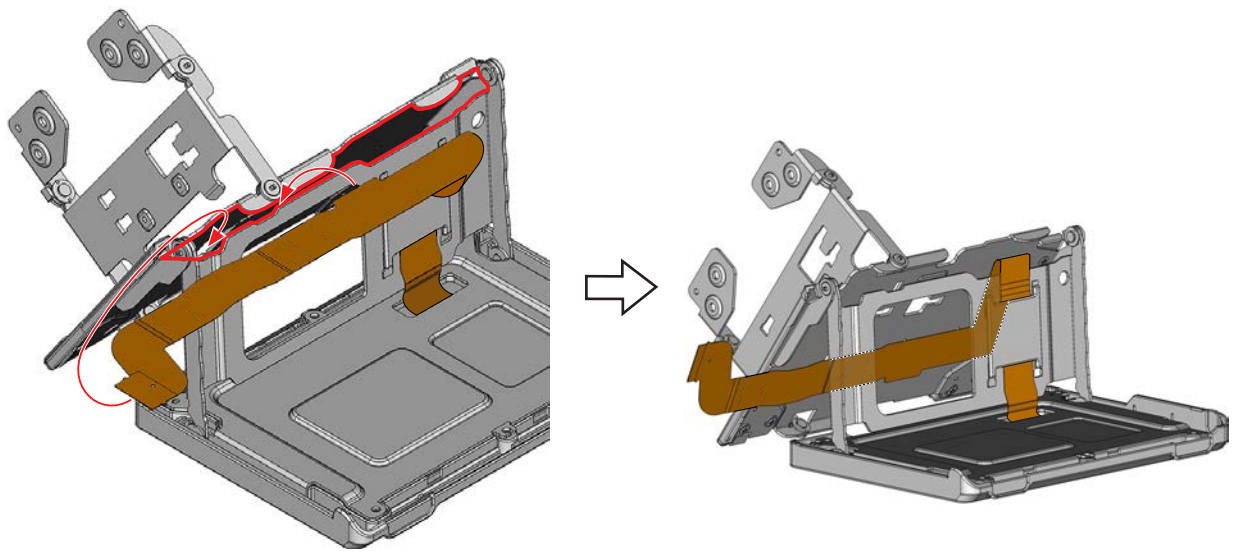


TILT UNIT

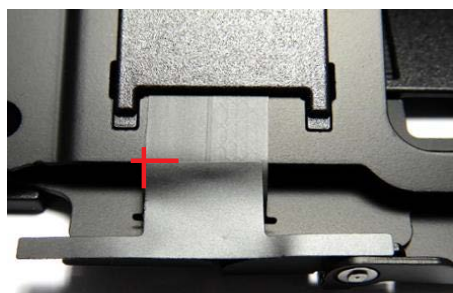


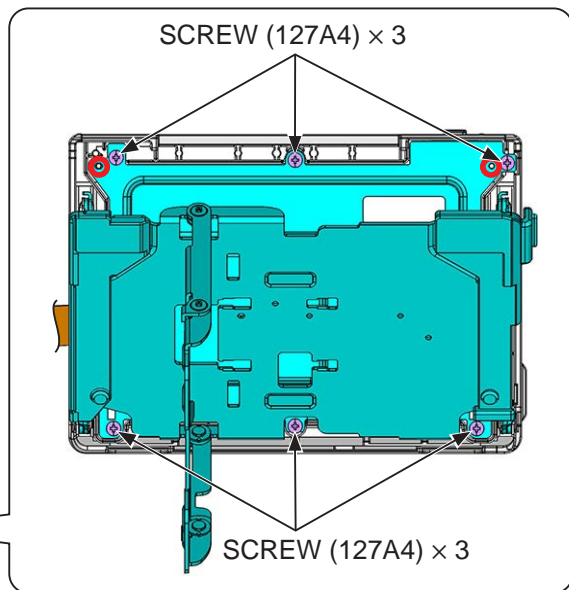
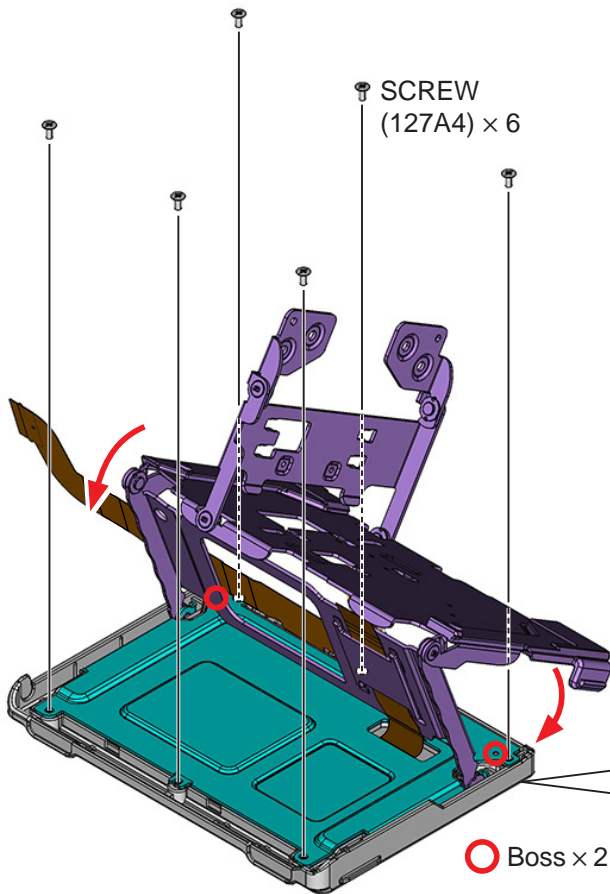
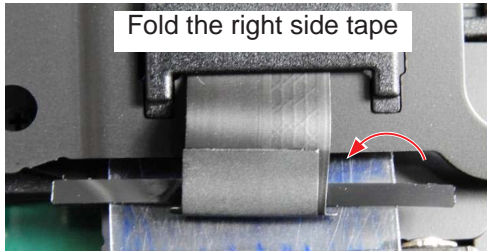


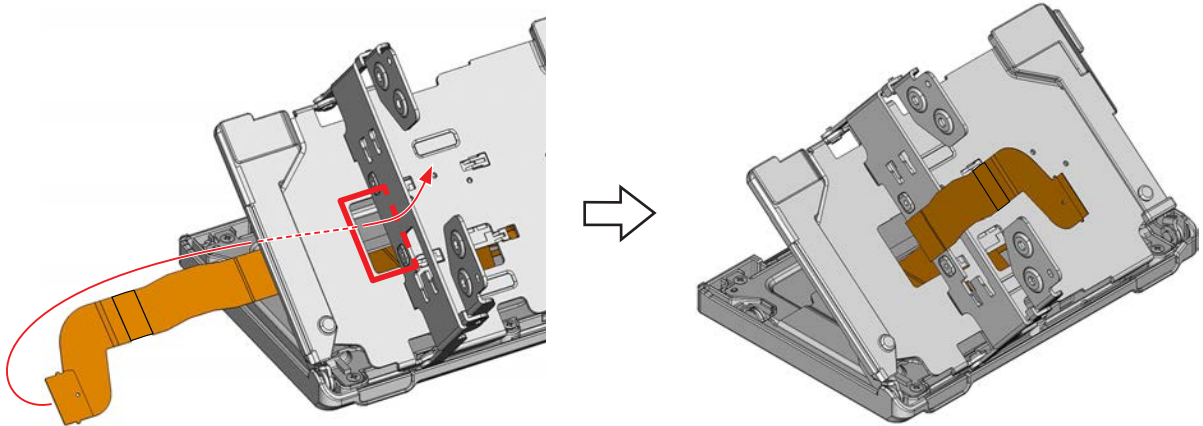
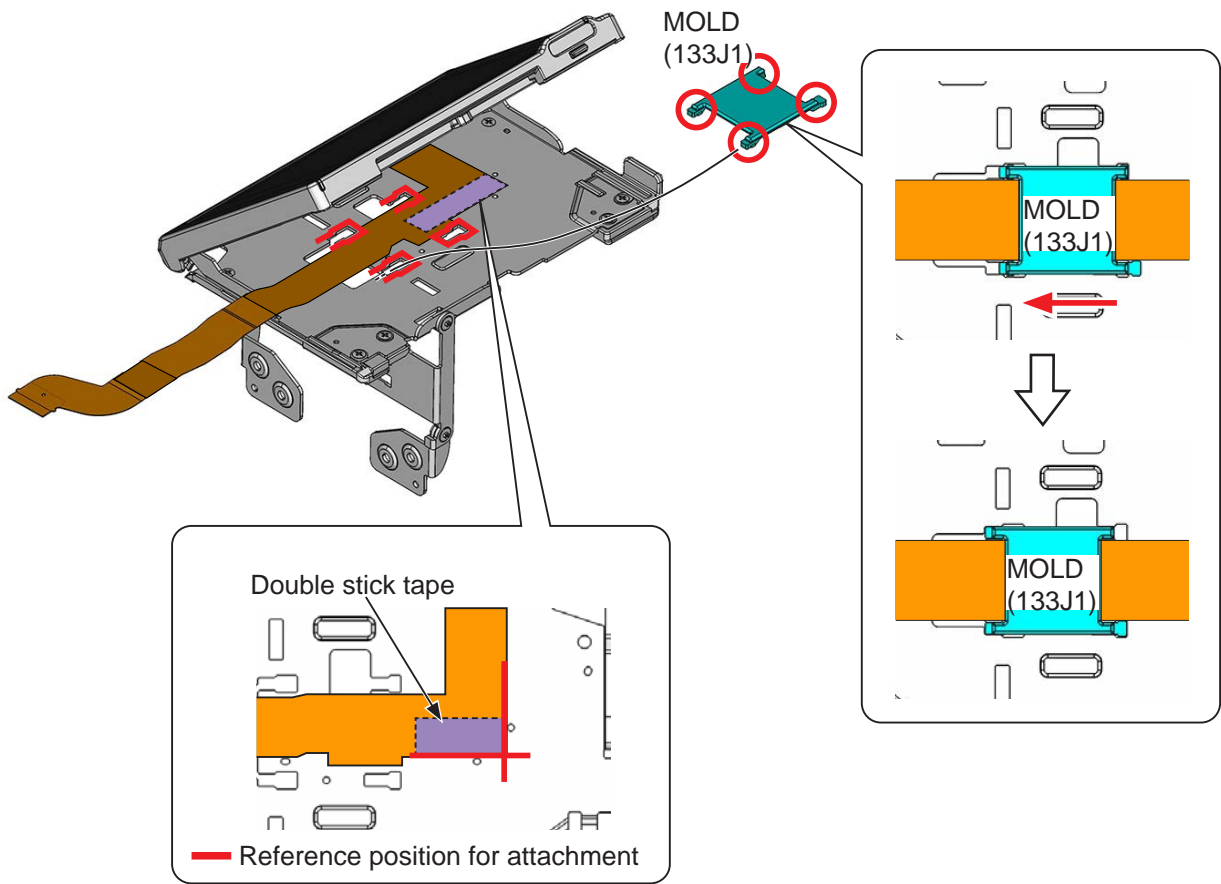


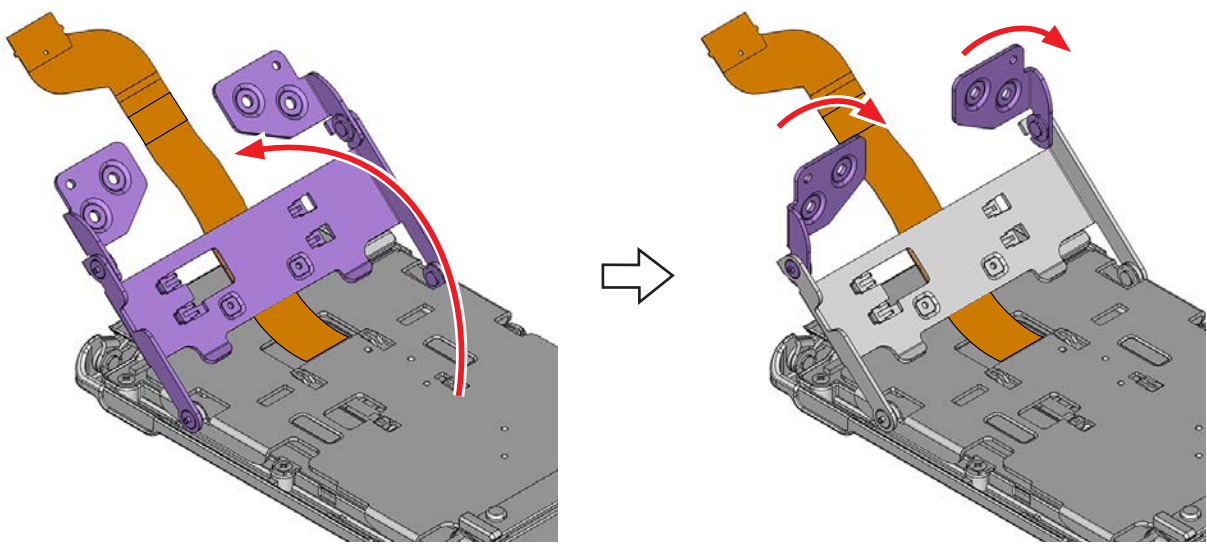
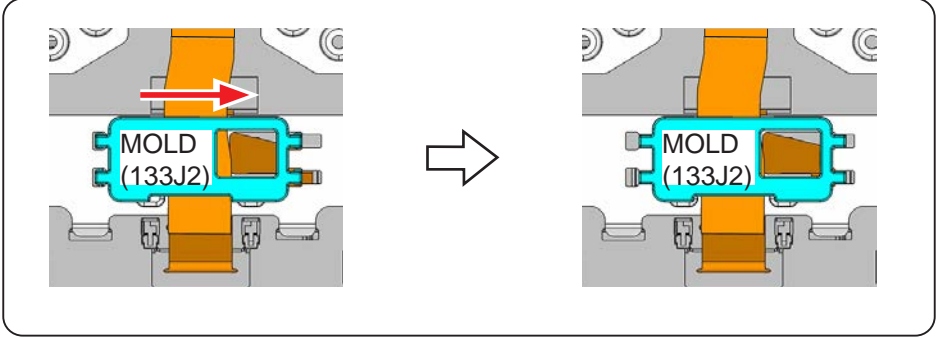
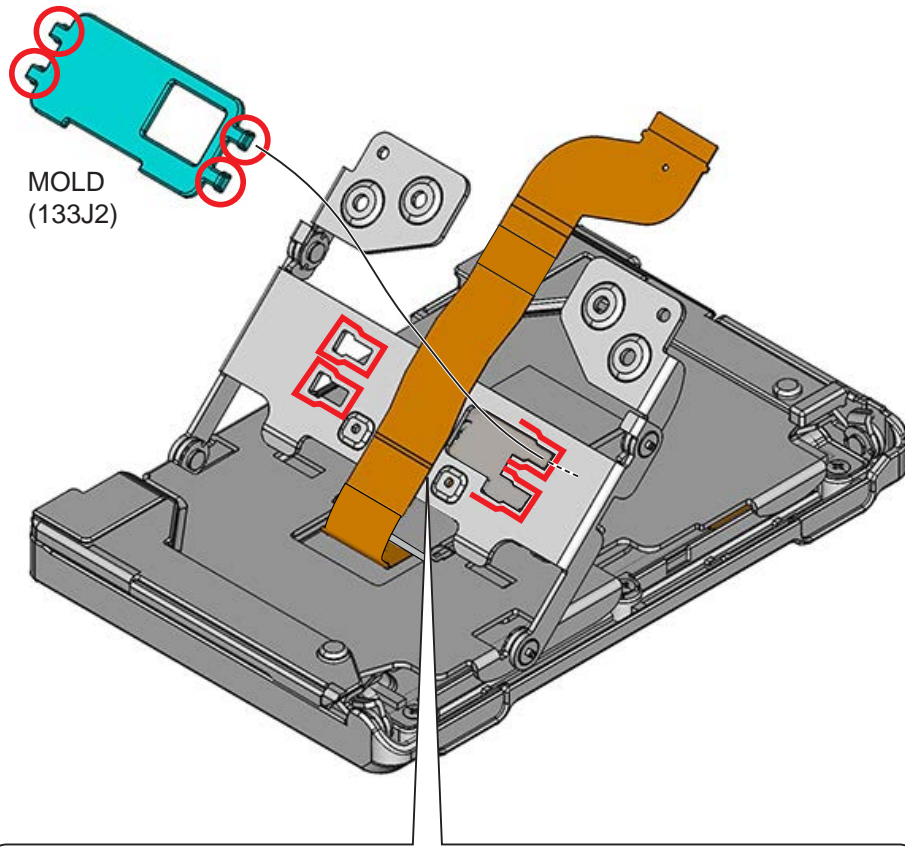


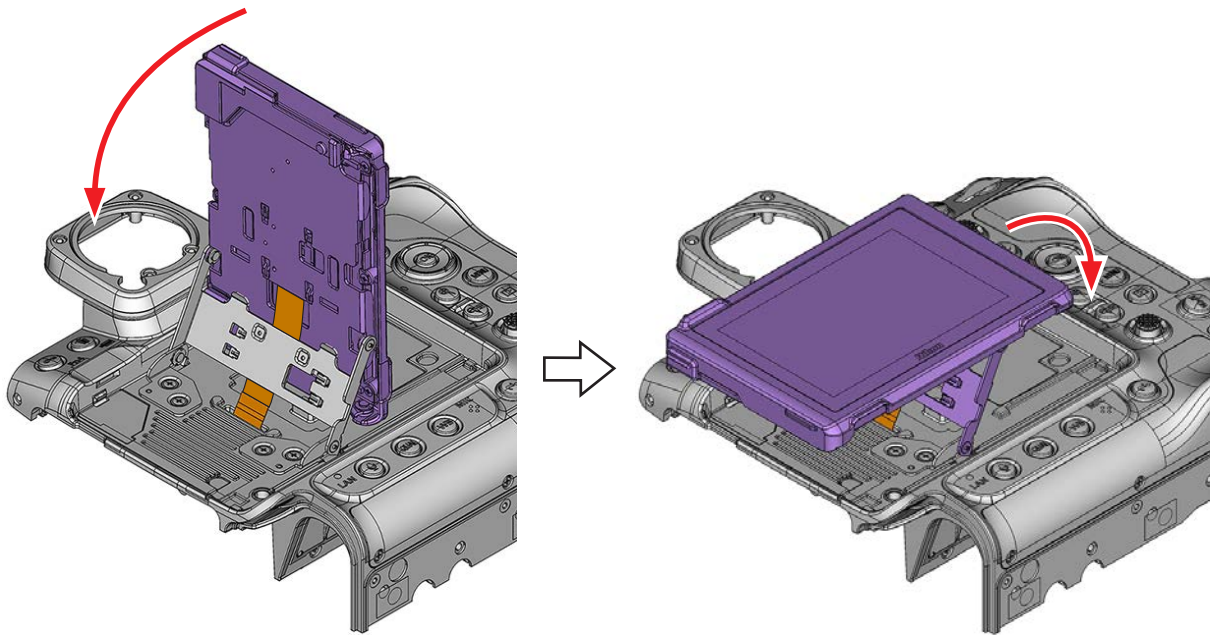
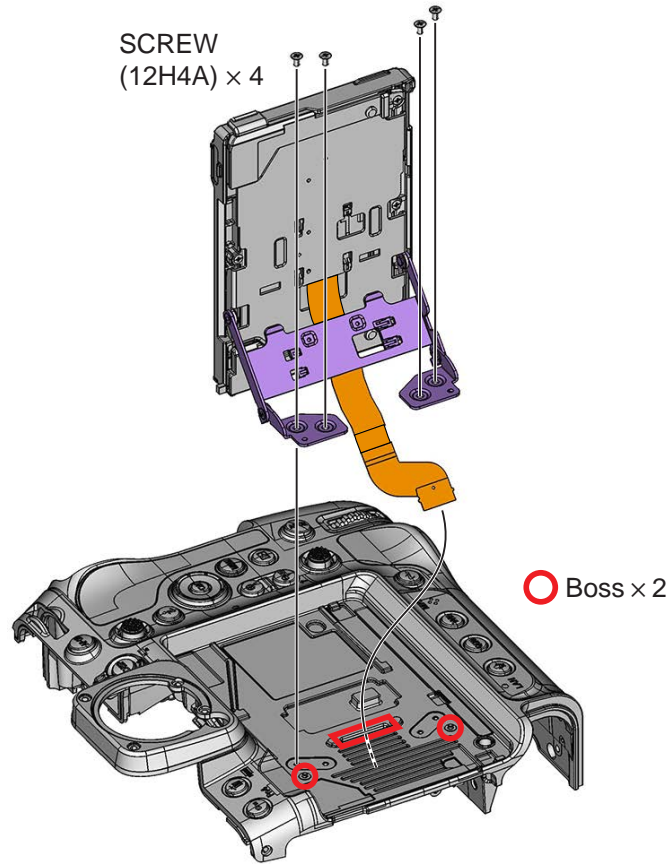
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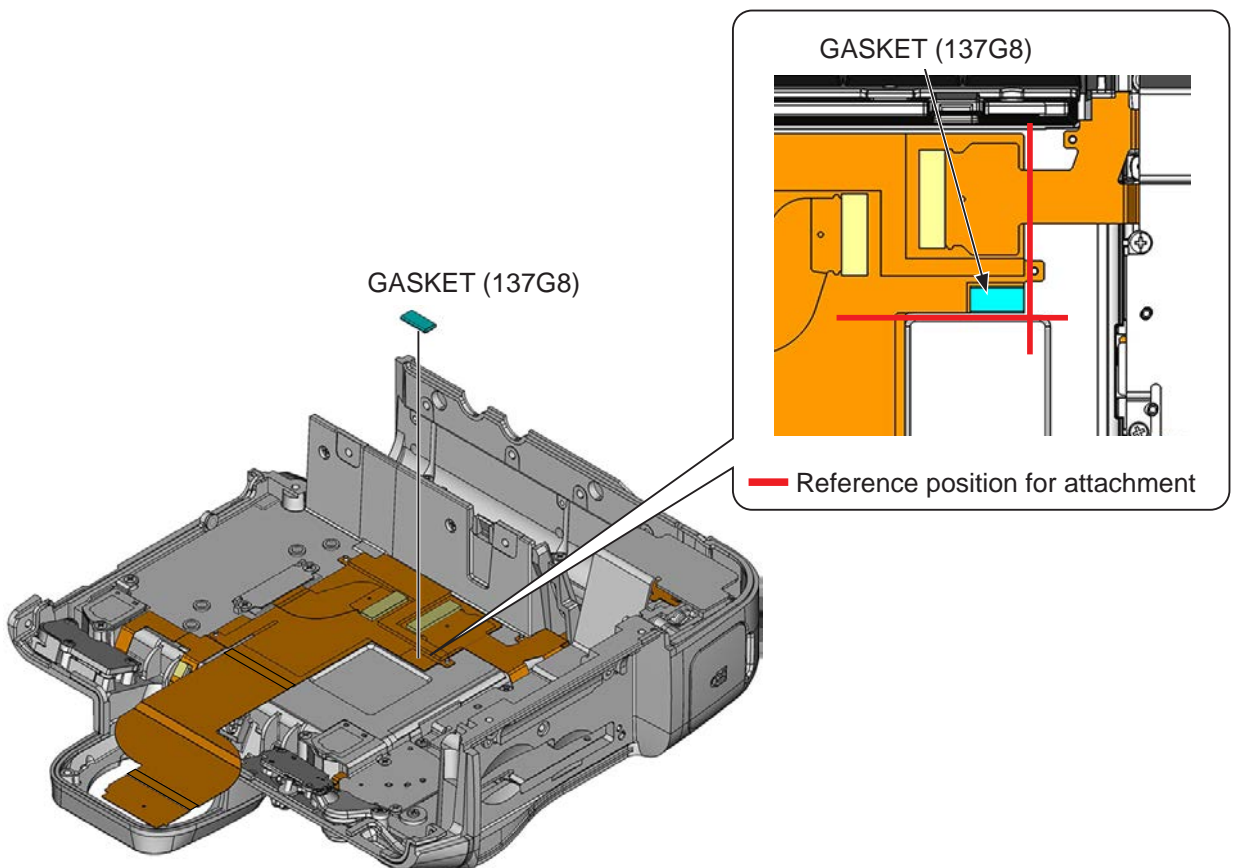
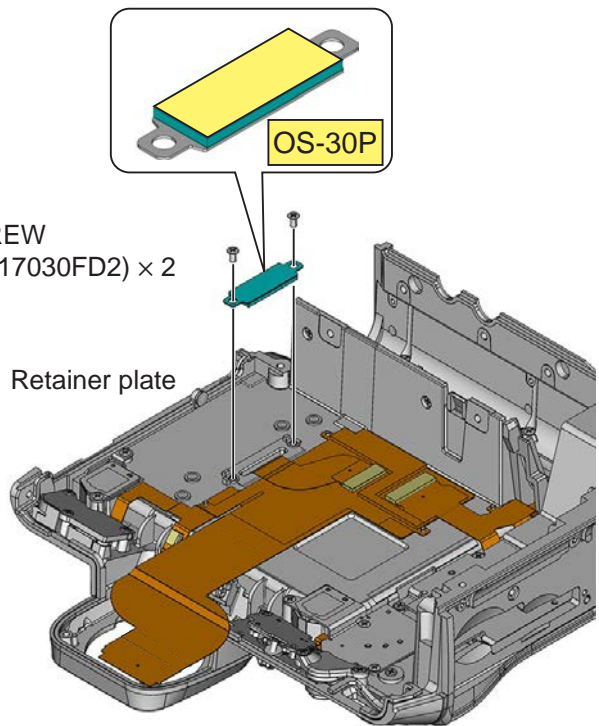
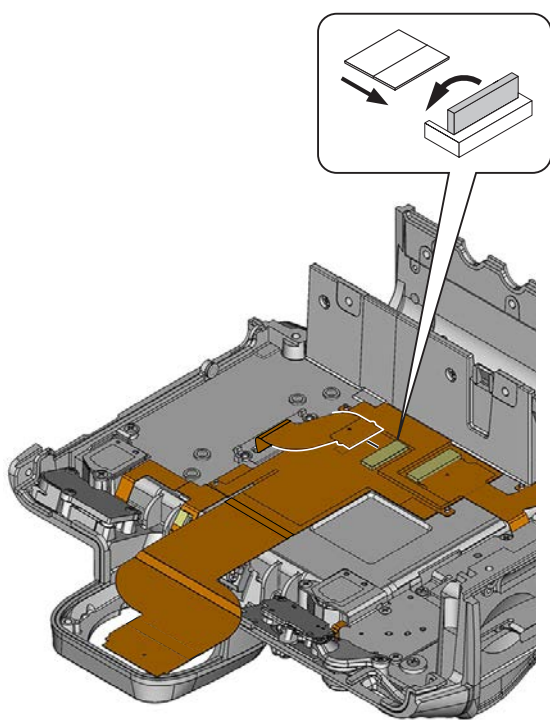




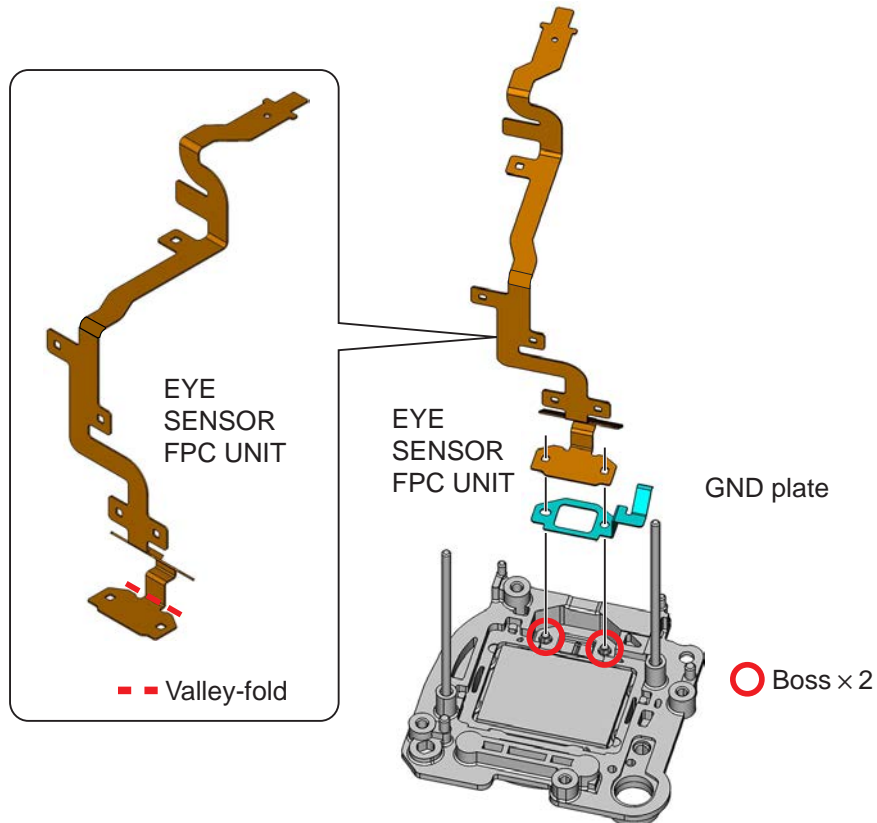
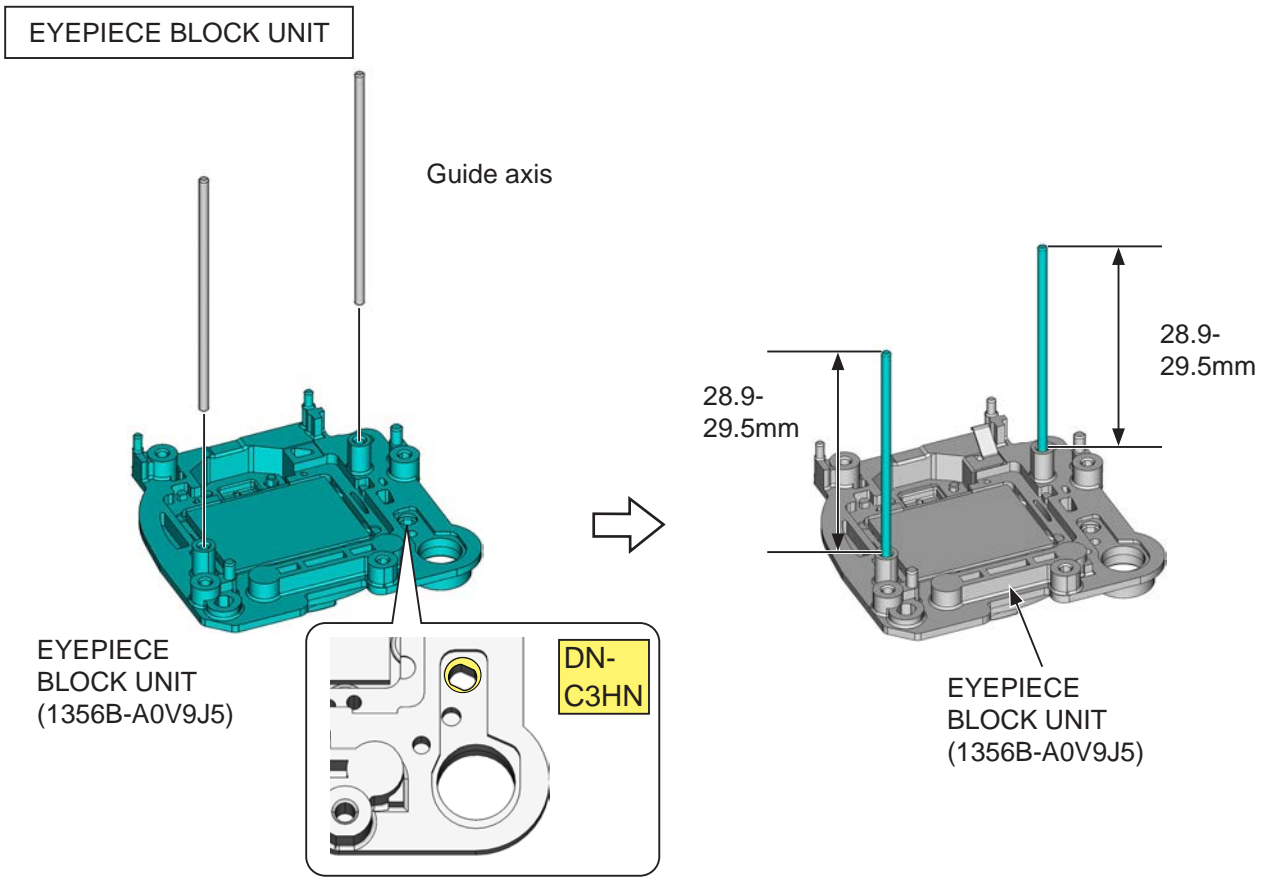


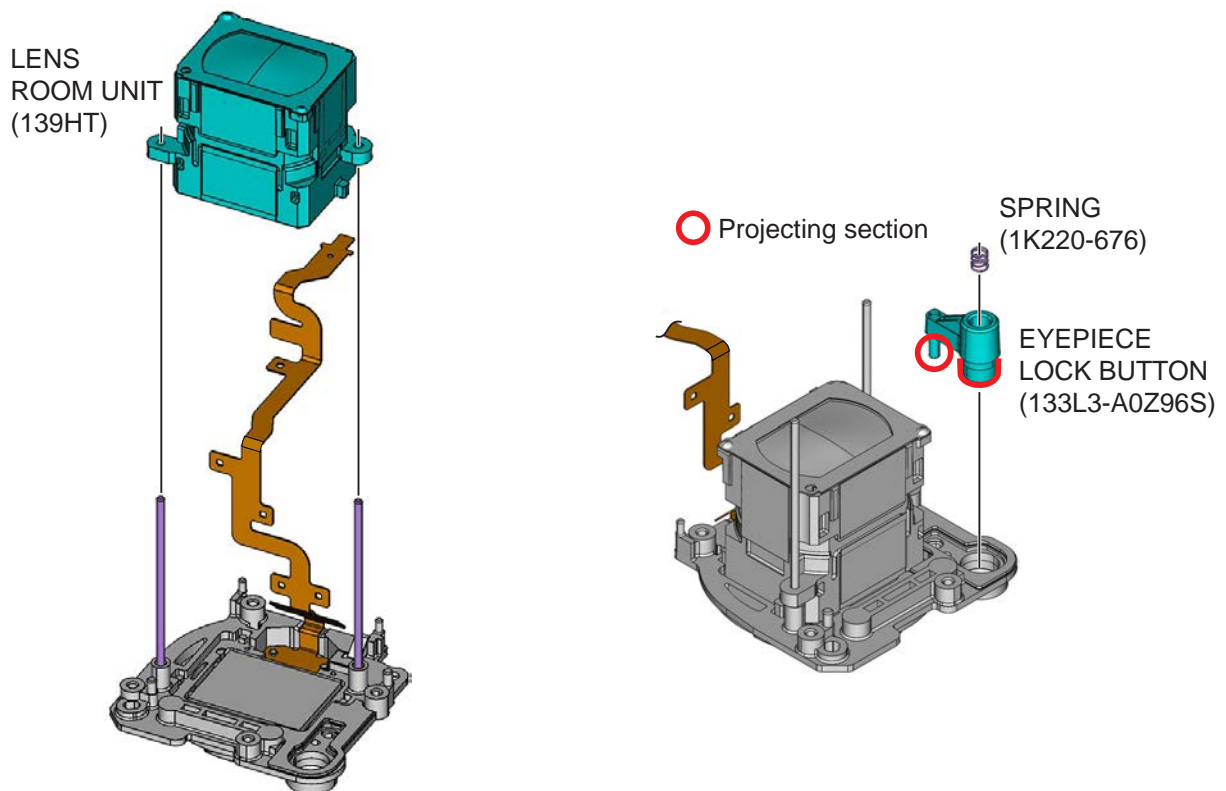
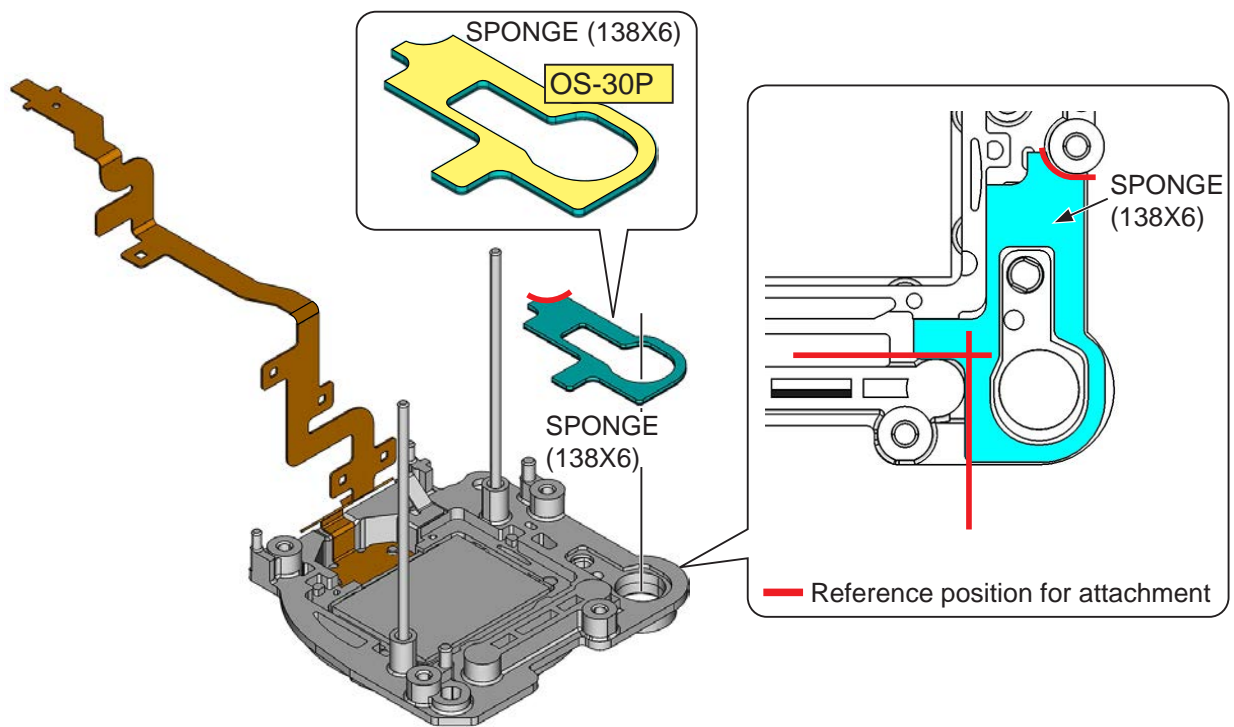


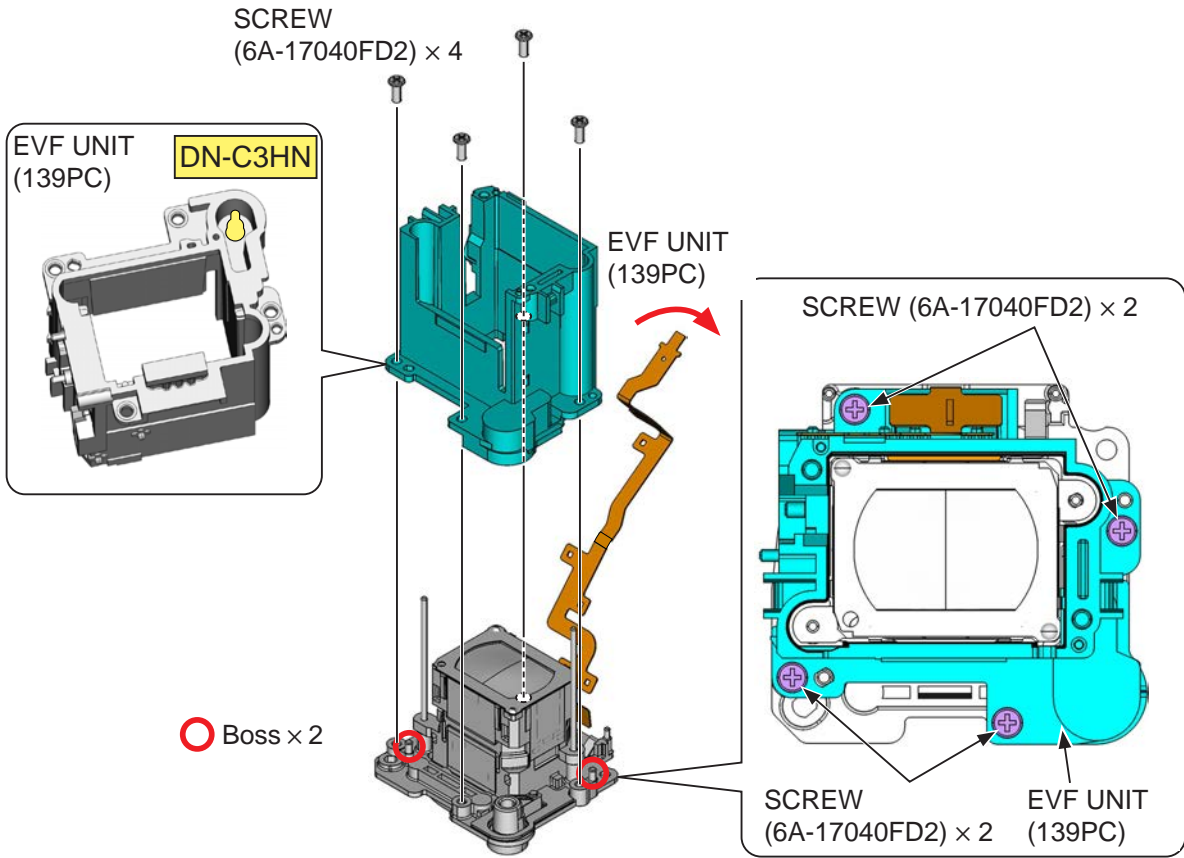




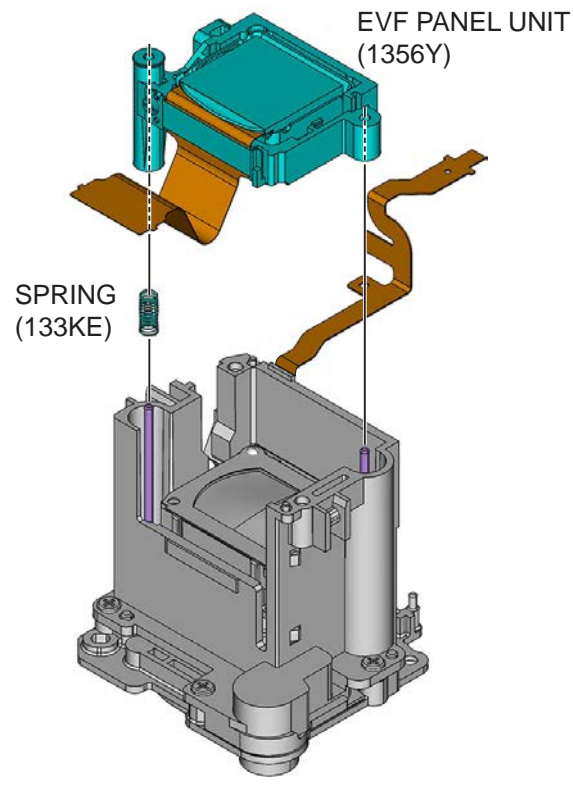
2. EVF unit

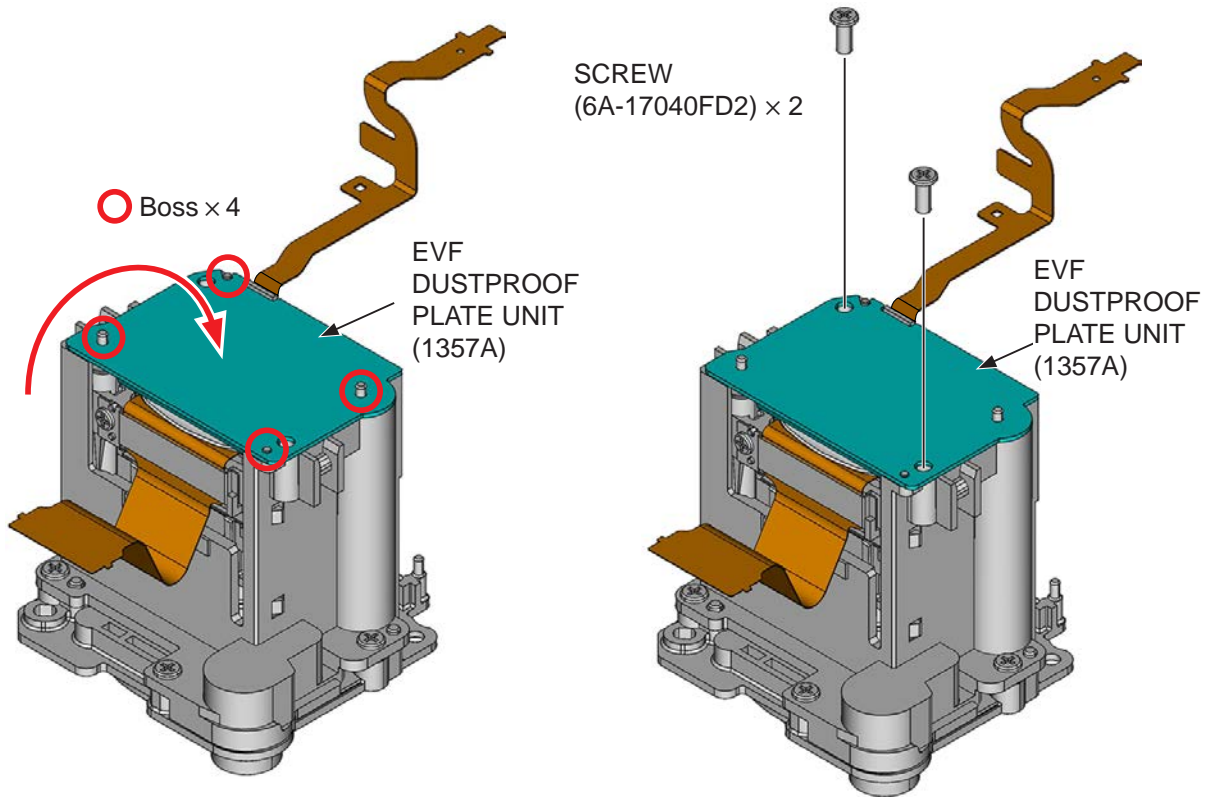
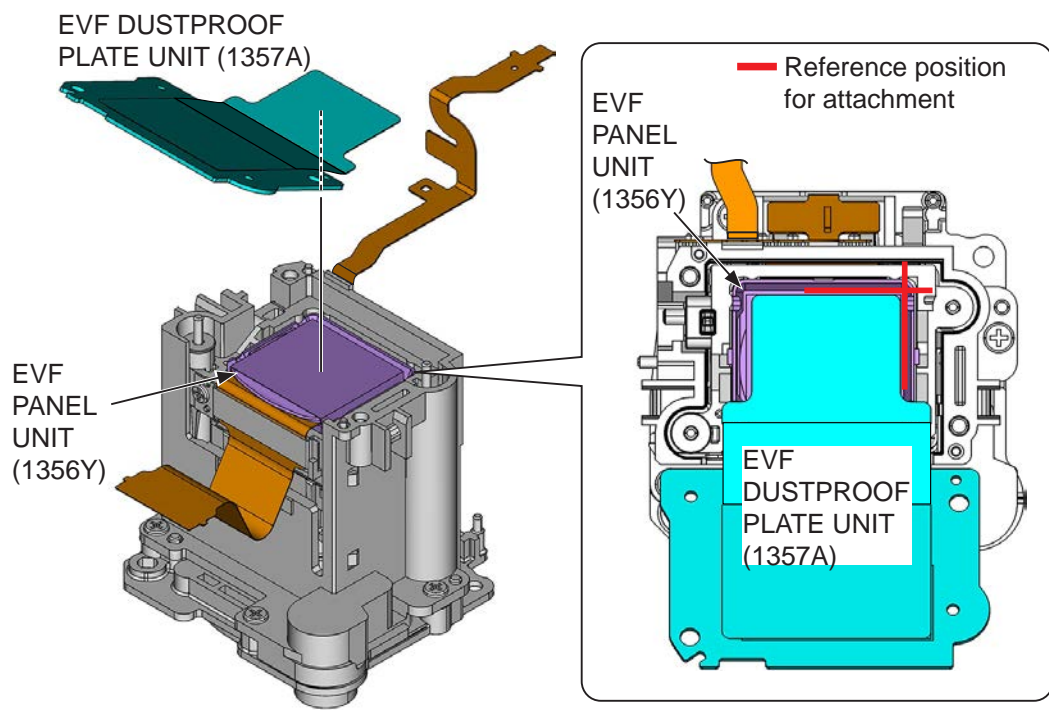


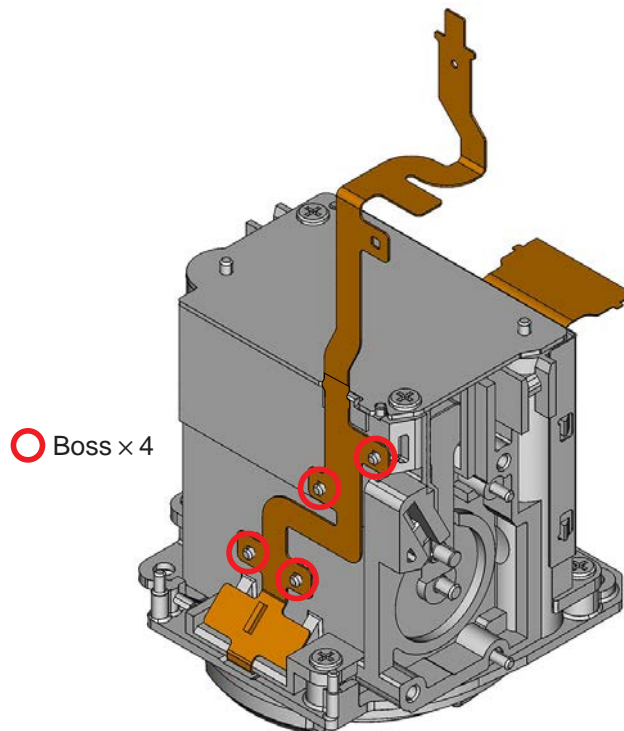
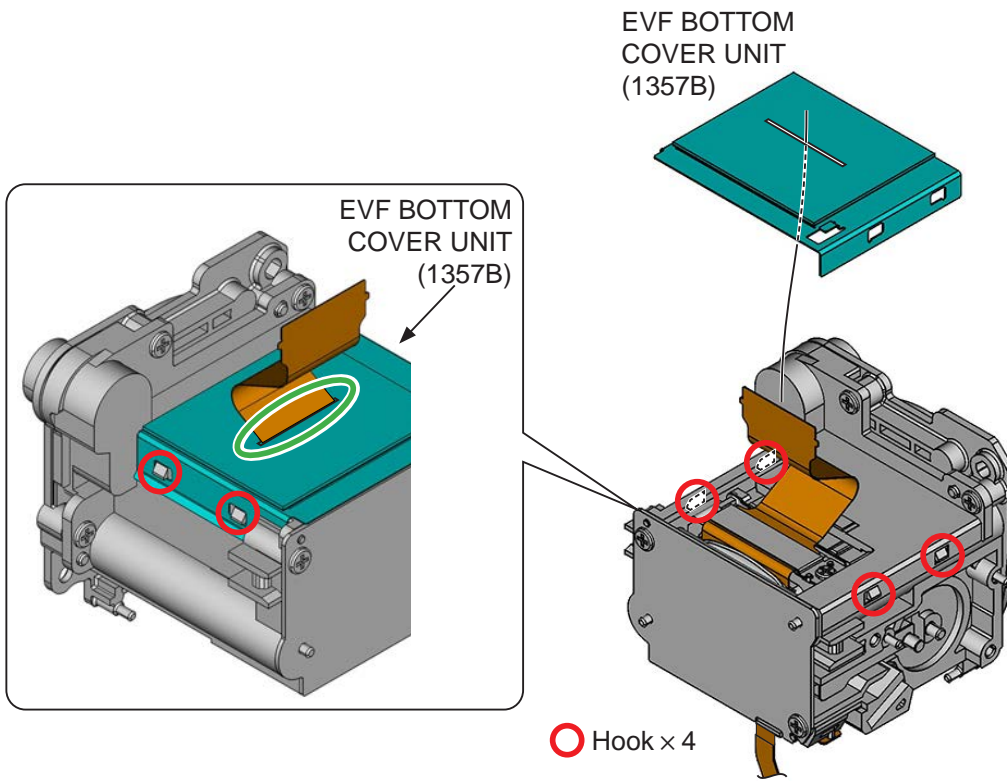


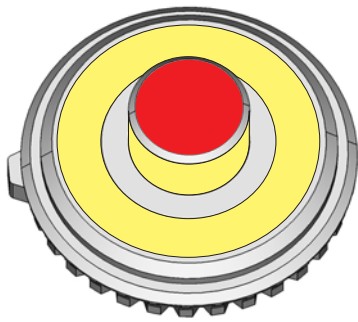


EVF PANEL UNIT

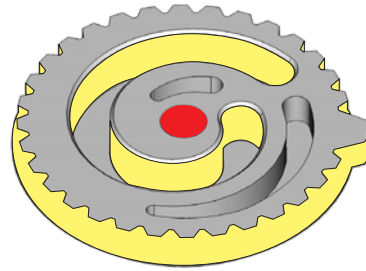




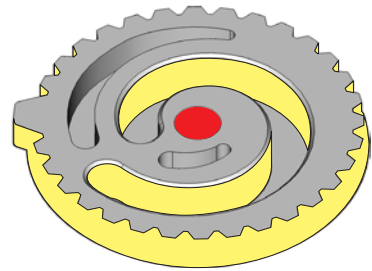




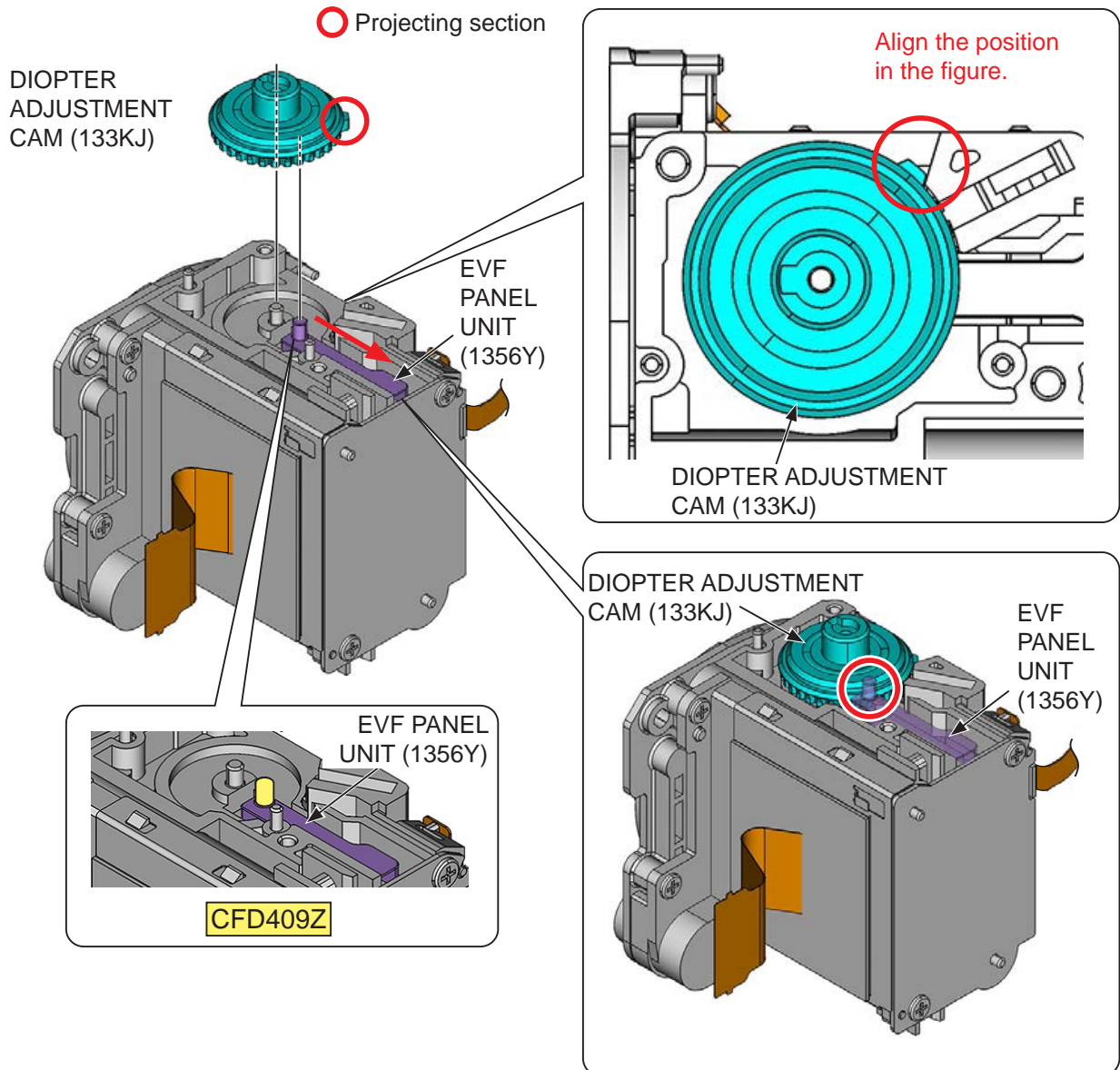
DIOPTER
ADJUSTMENT
CAM (133KJ)



Do NOT apply to the red area.



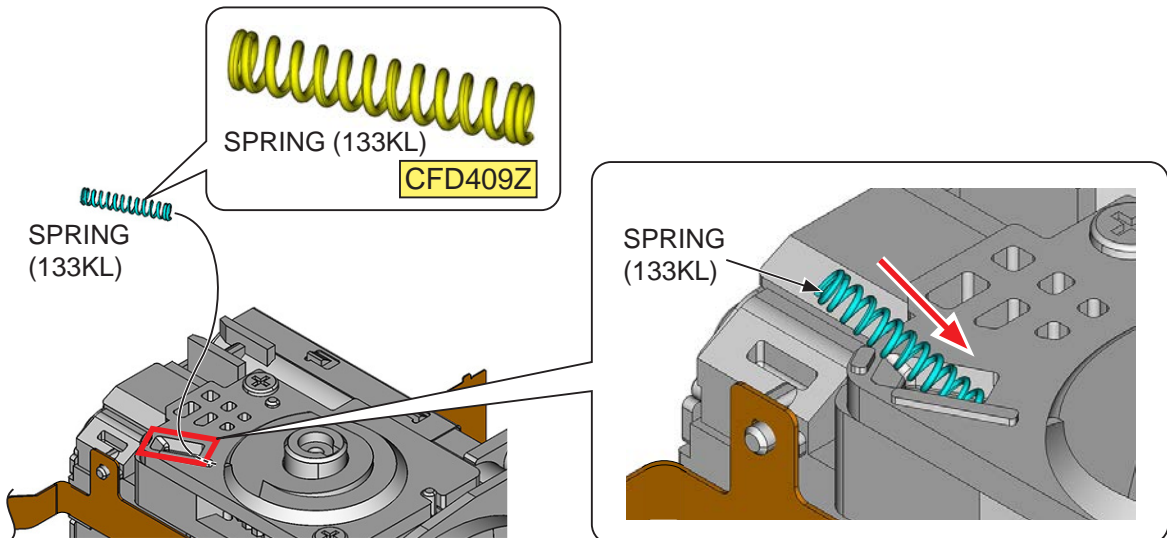
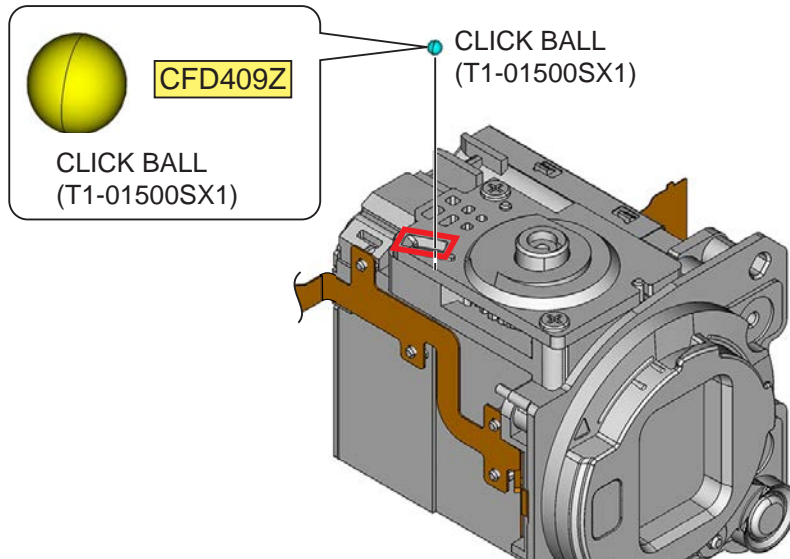
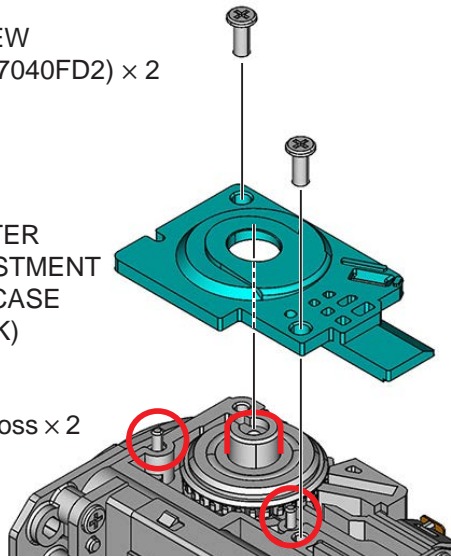
CFD409Z

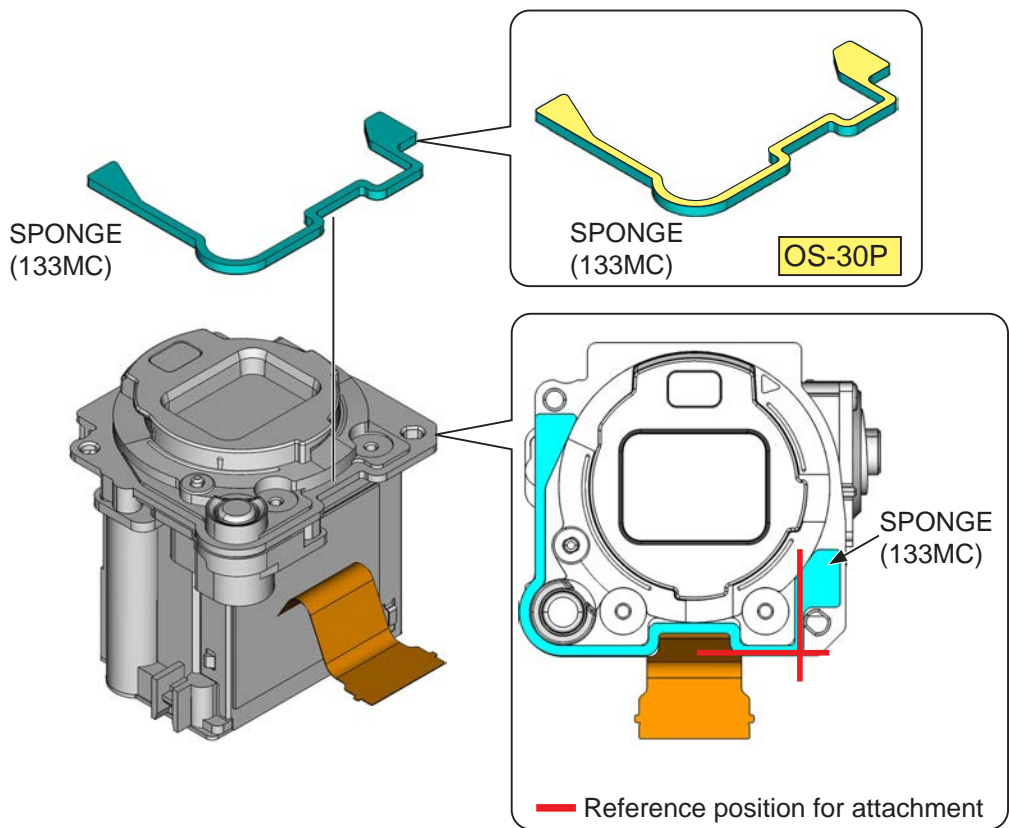
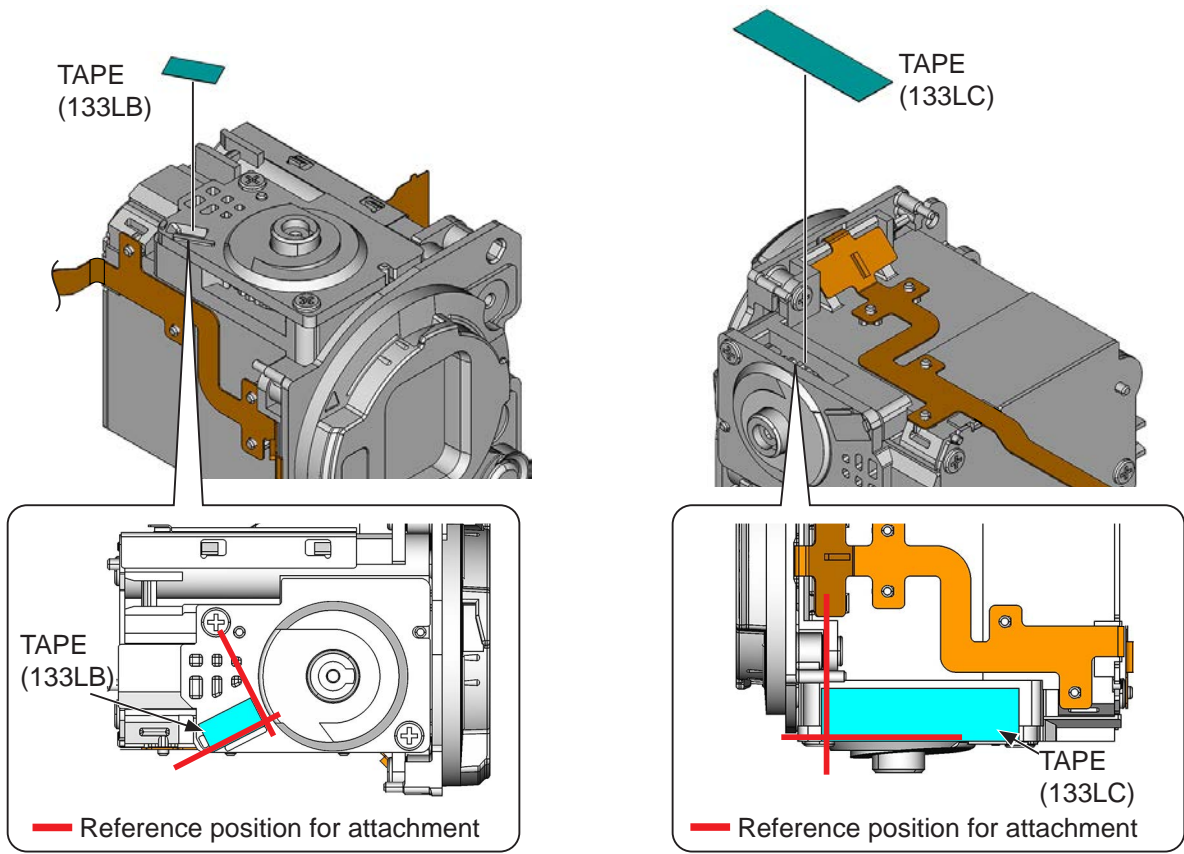


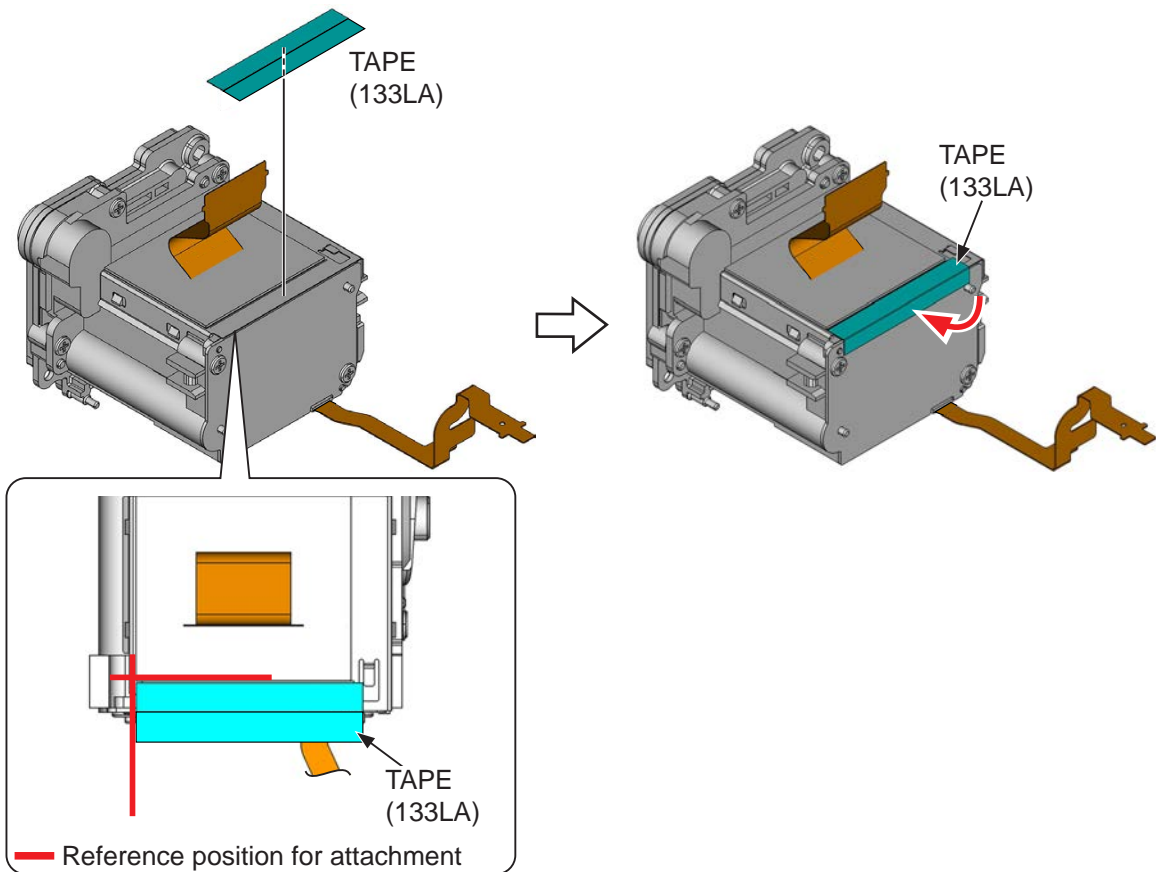
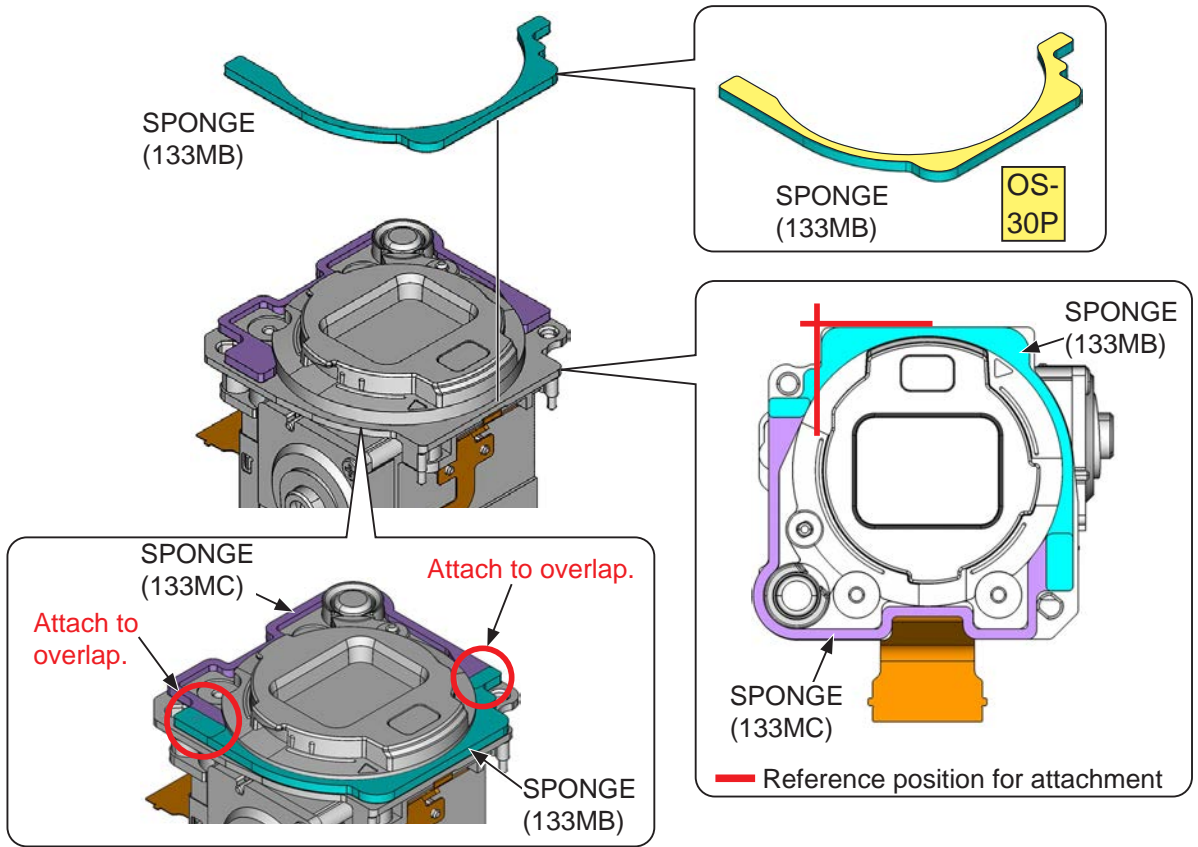
SCREW
(6A-17040FD2) × 2

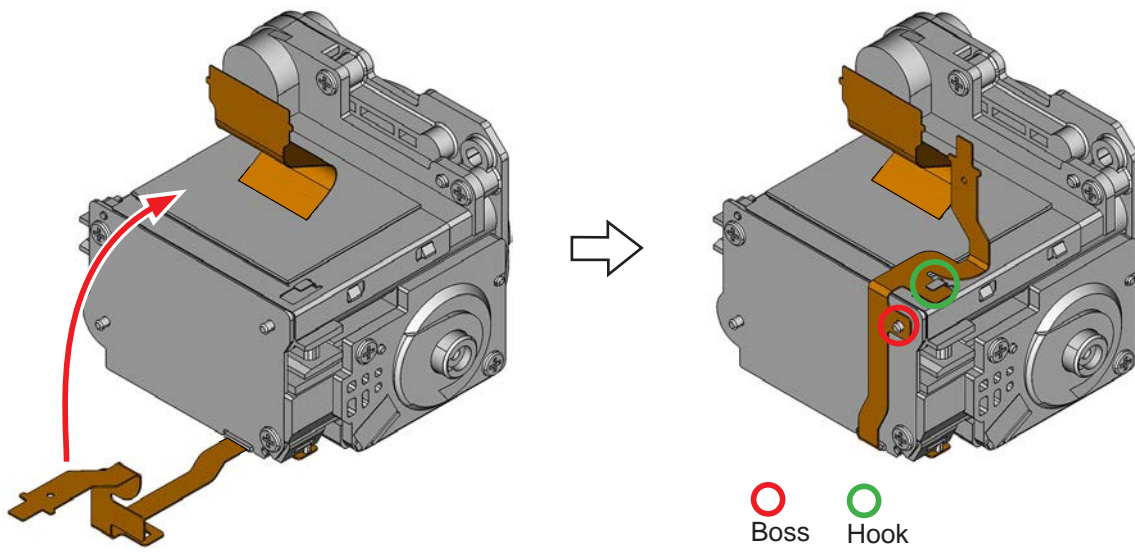
DIOPTER
ADJUSTMENT
CAM CASE
(133KK)

○ Boss × 2

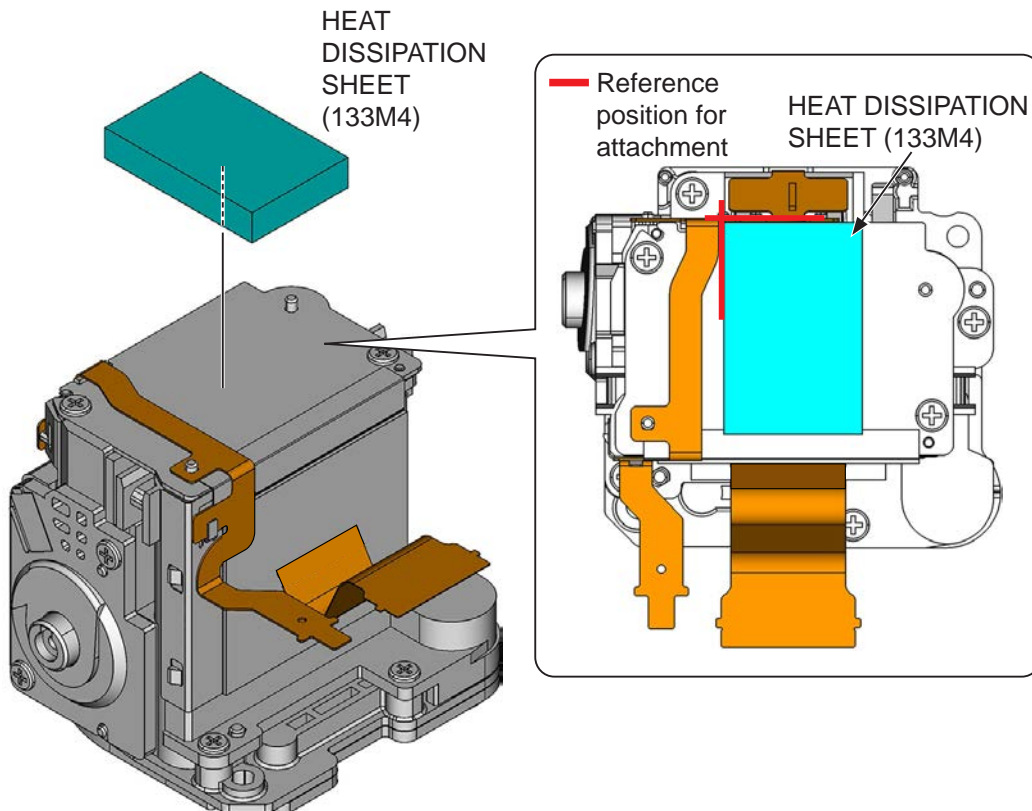




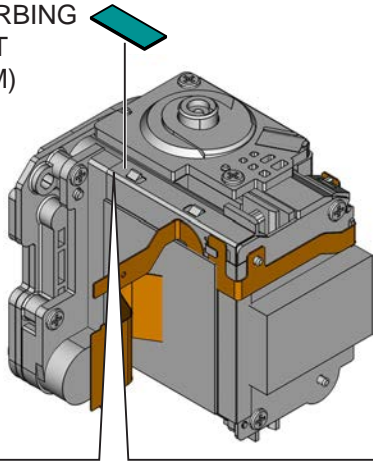




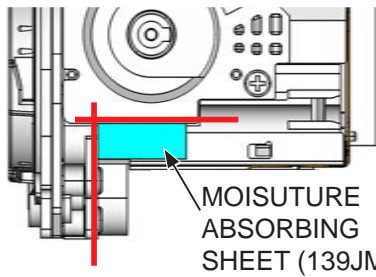
HEAT DESIPATION SHEET



MOISUTURE
ABSORBING
SHEET
(139JM)

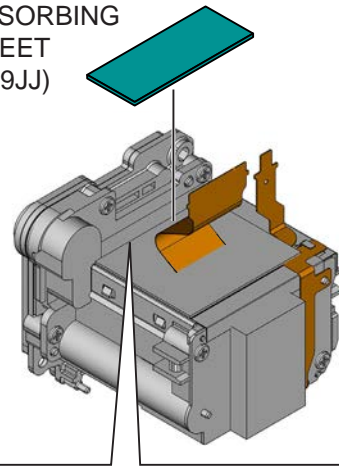


— Reference position for attachment

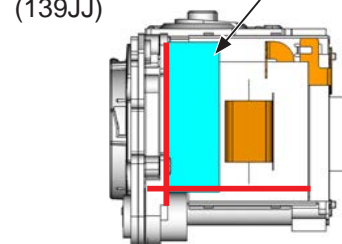


MOISUTURE
ABSORBING
SHEET (139JM)

MOISUTURE
ABSORBING
SHEET
(139JJ)



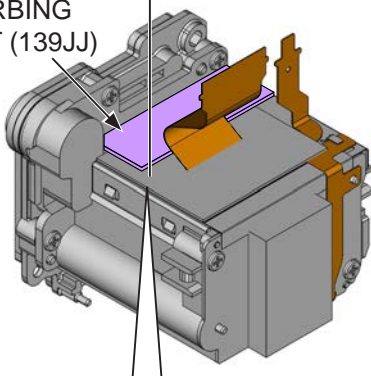
MOISUTURE ABSORBING SHEET (139JJ)



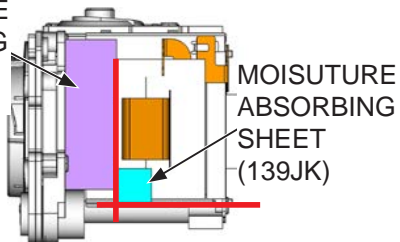
— Reference position for attachment

MOISUTURE
ABSORBING
SHEET (139JK)

MOISUTURE
ABSORBING
SHEET (139JJ)



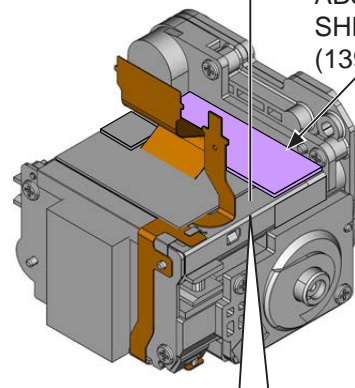
MOISUTURE
ABSORBING
SHEET
(139JJ)



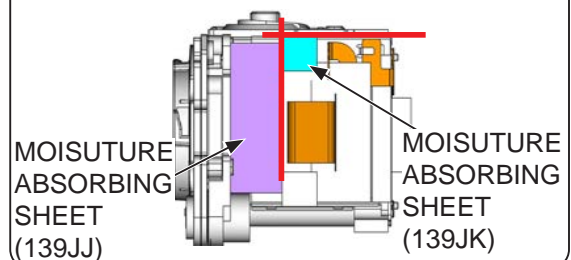
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MOISUTURE
ABSORBING
SHEET (139JK)

MOISUTURE
ABSORBING
SHEET
(139JJ)



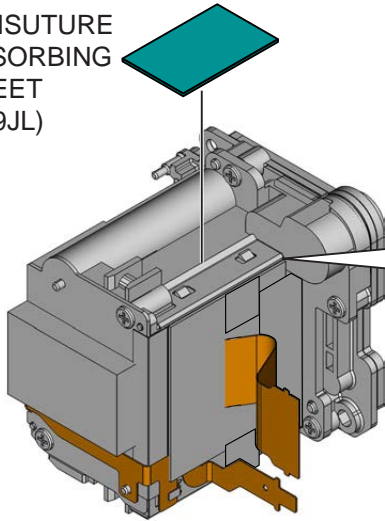
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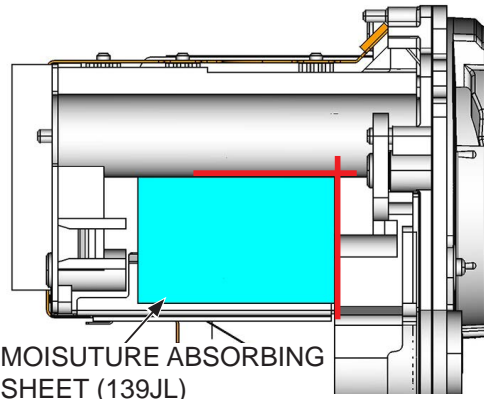
MOISUTURE
ABSORBING
SHEET
(139JJ)

MOISUTURE
ABSORBING
SHEET
(139JK)

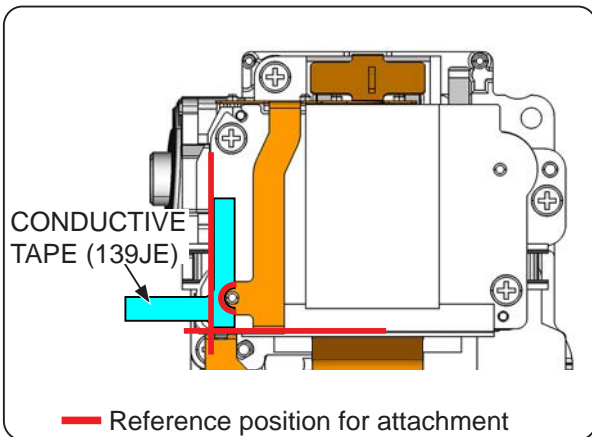
MOISUTURE
ABSORBING
SHEET
(139JL)



— Reference position for attachment



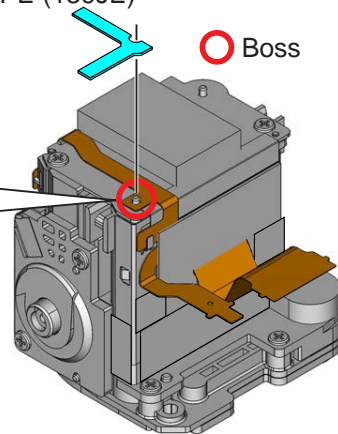
MOISUTURE ABSORBING
SHEET (139JL)



CONDUCTIVE
TAPE (139JE)

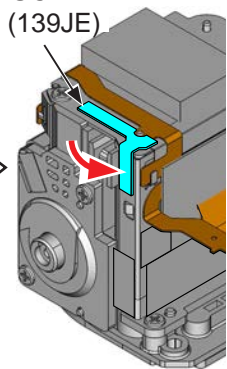
— Reference position for attachment

CONDUCTIVE
TAPE (139JE)

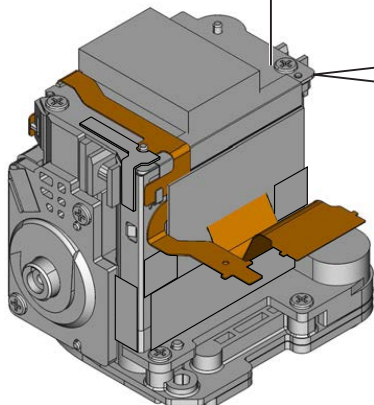


○ Boss

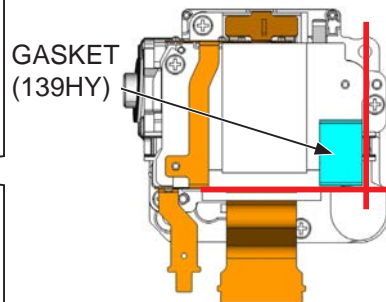
CONDUCTIVE
TAPE (139JE)



GASKET
(139HY)



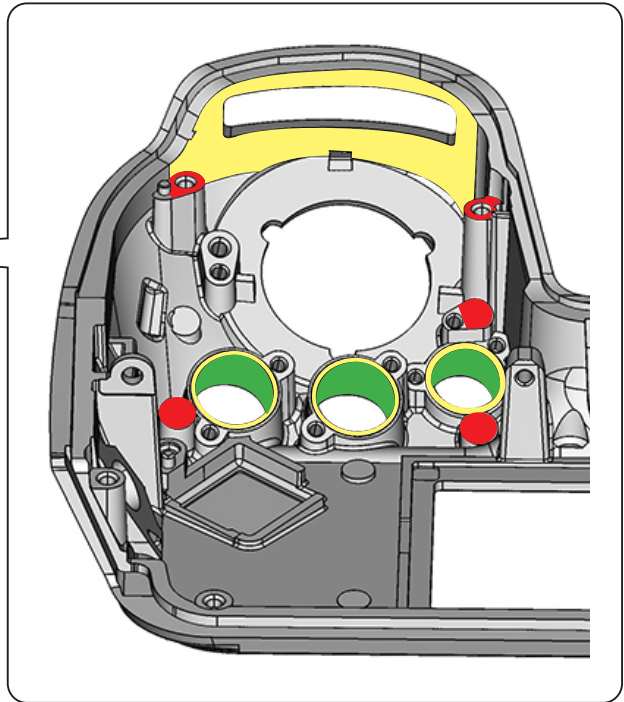
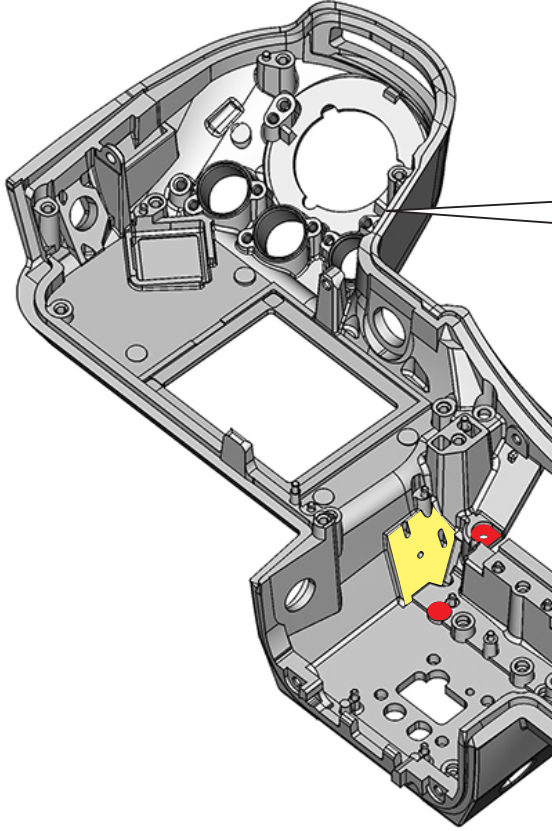
GASKET
(139HY)



— Reference position for attachment

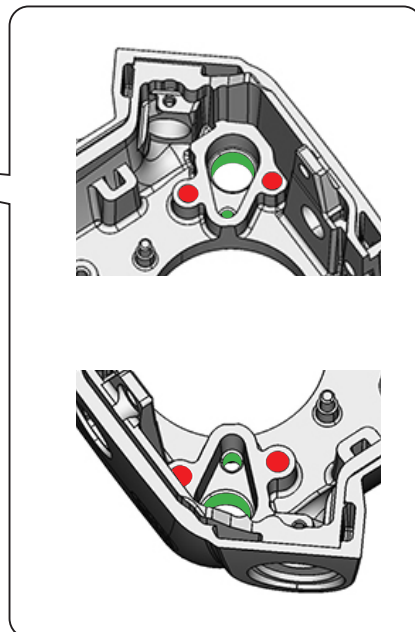
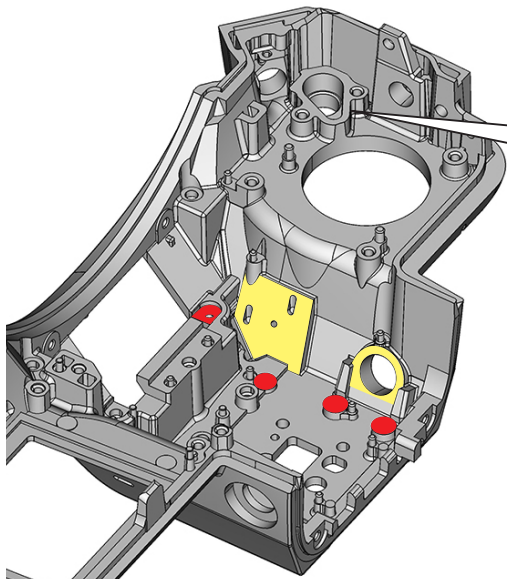
3. Top cover

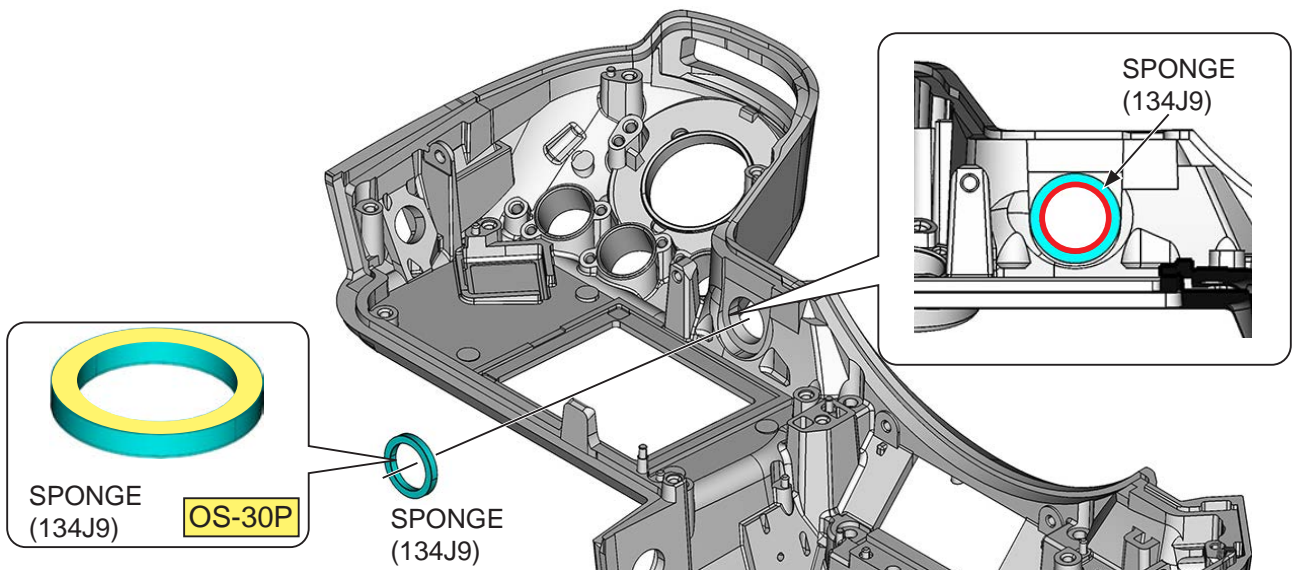
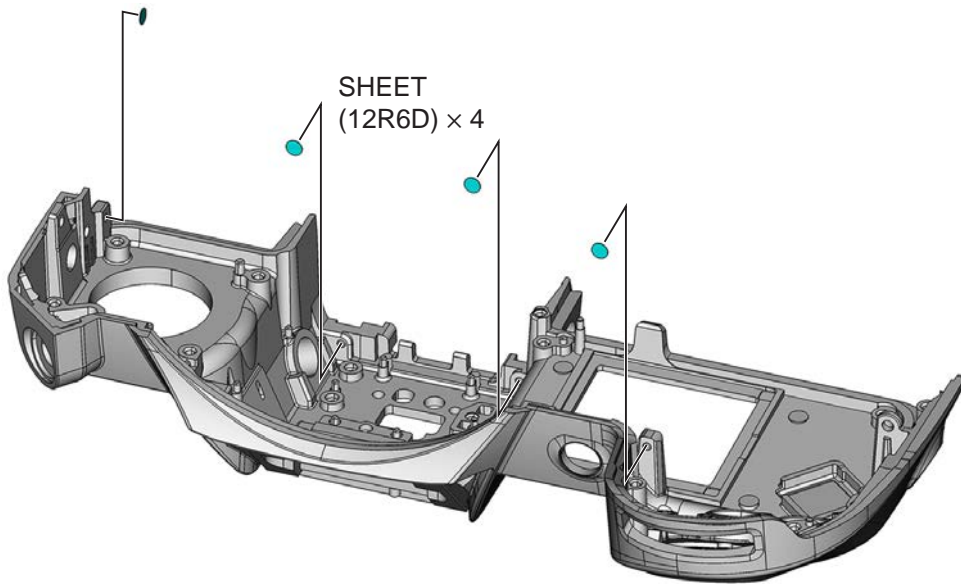
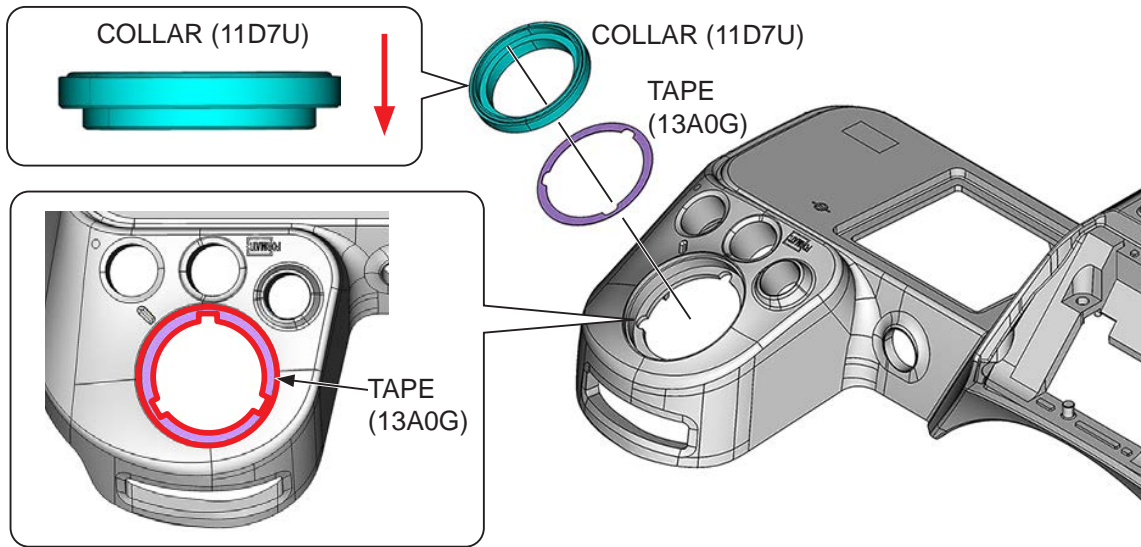
TOP COVER UNIT



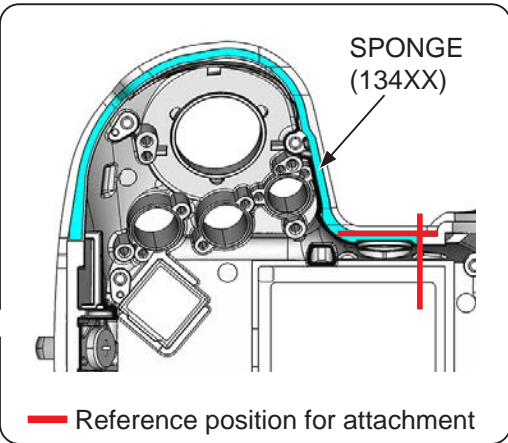
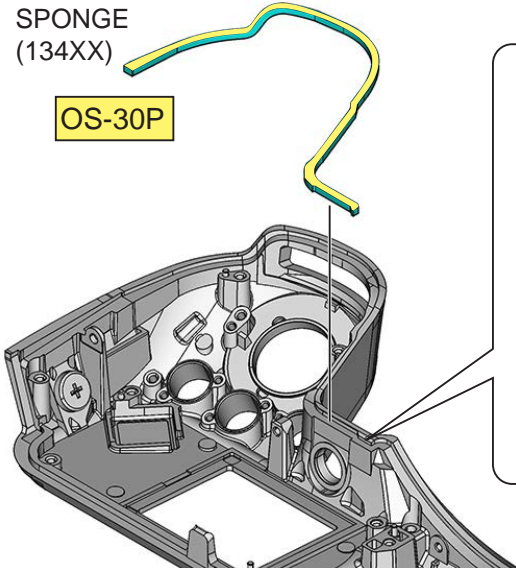
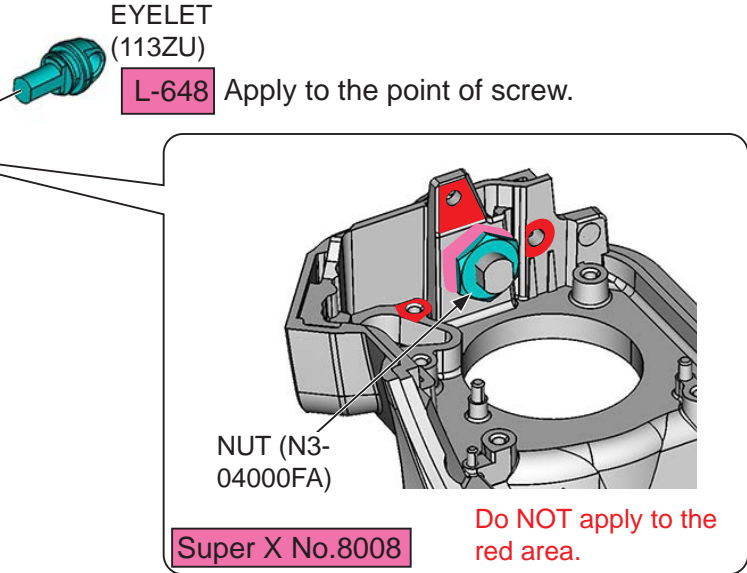
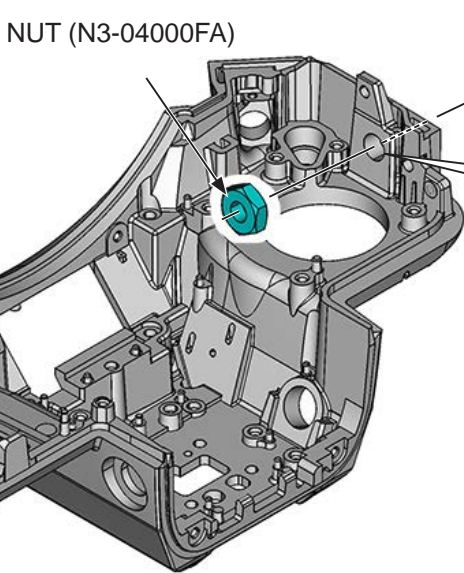
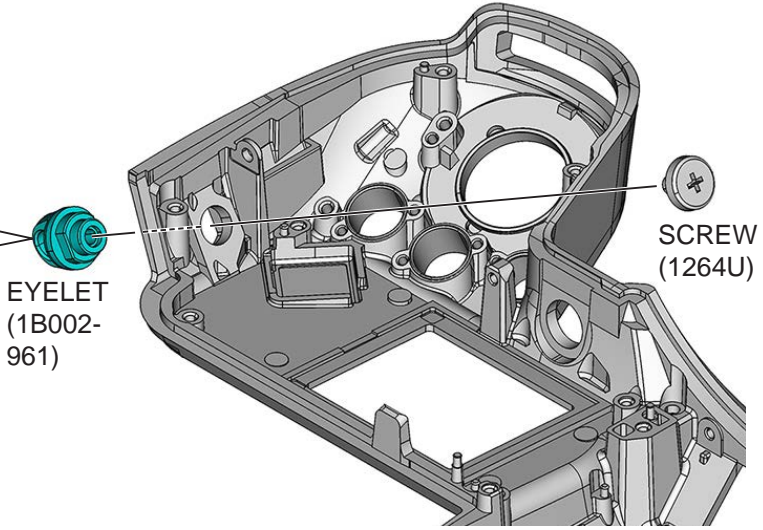
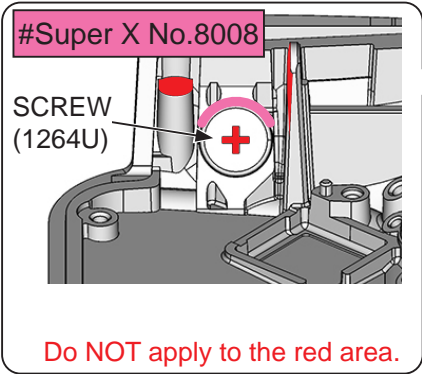
Do NOT apply to the red area.

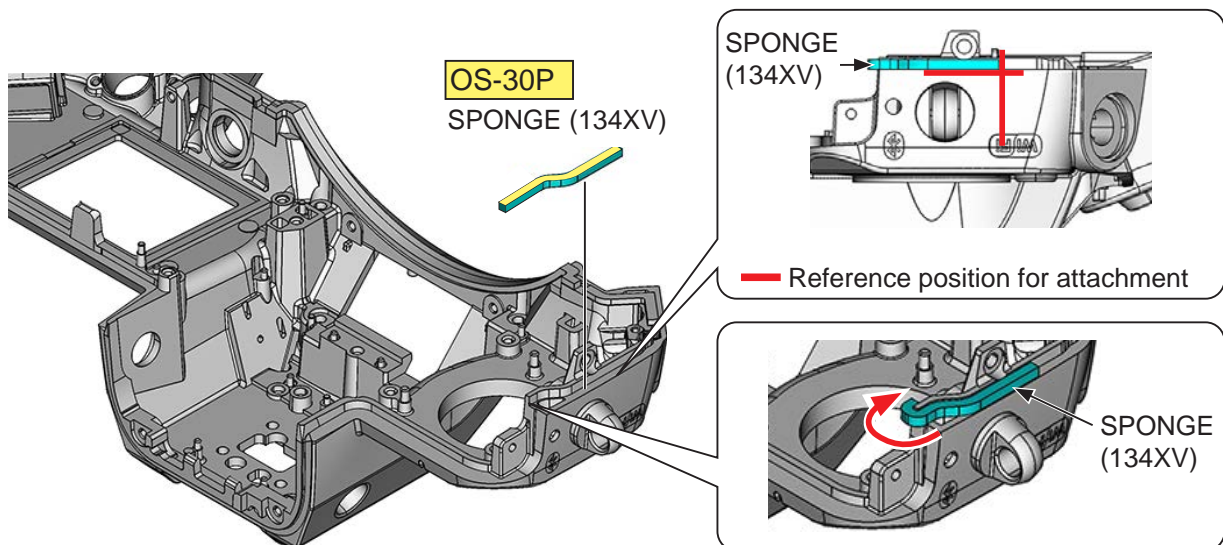
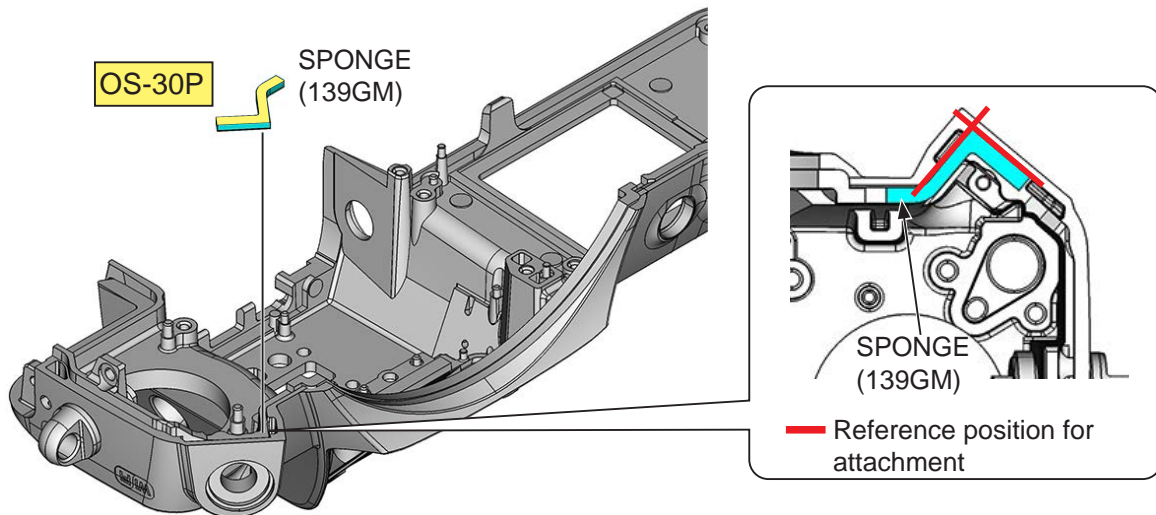
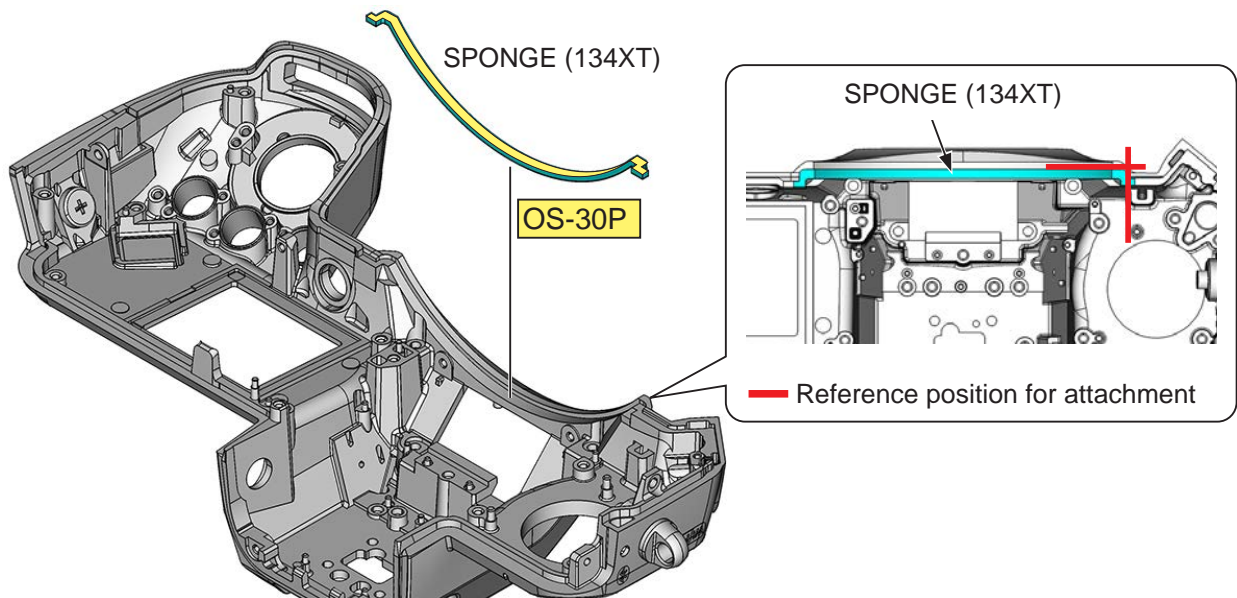
- OS-30P yellow area
- CFD409Z green area

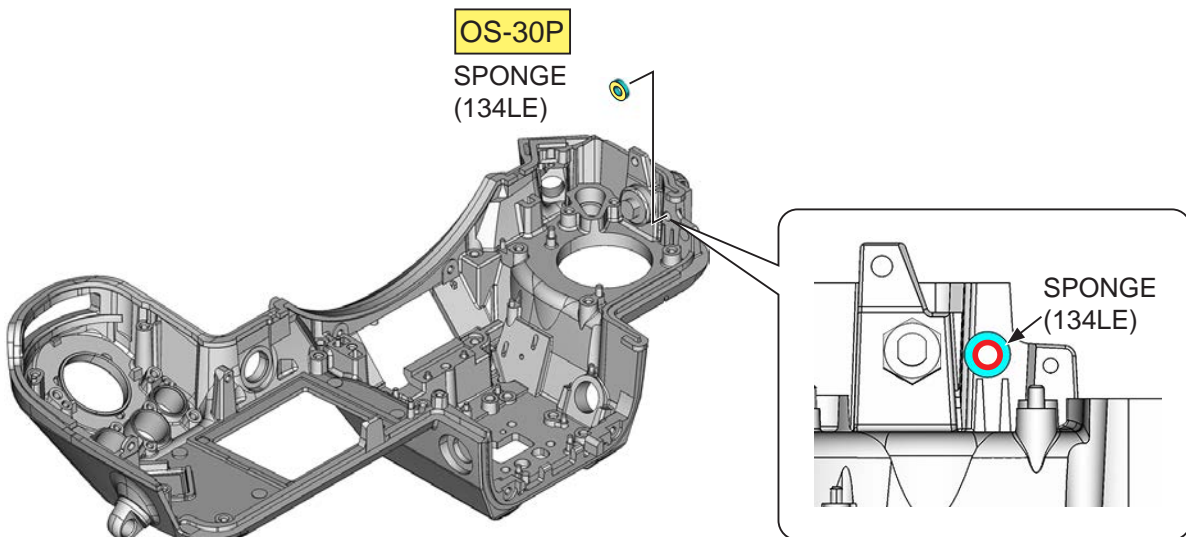
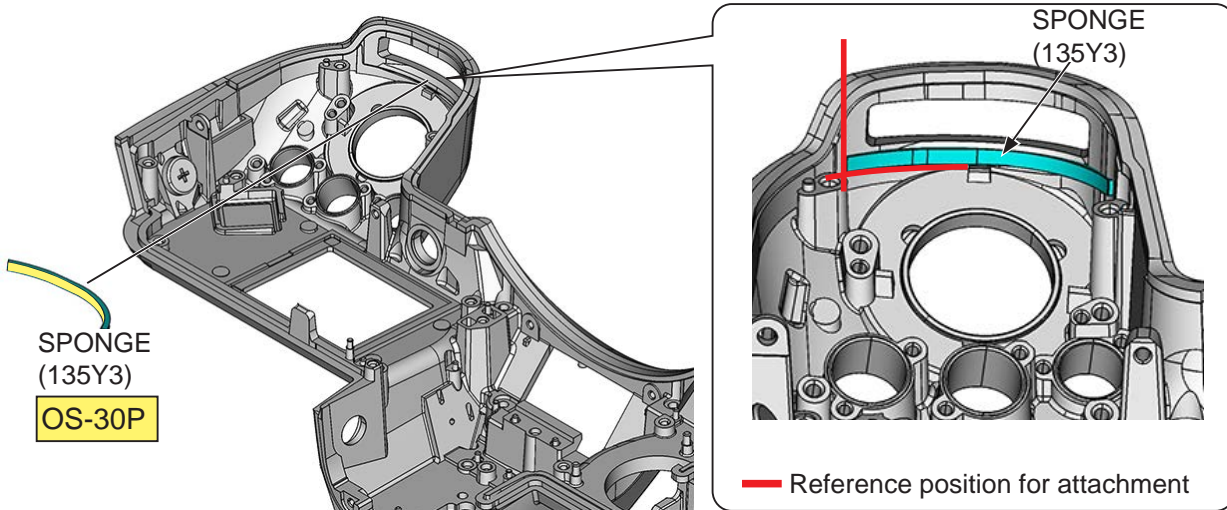
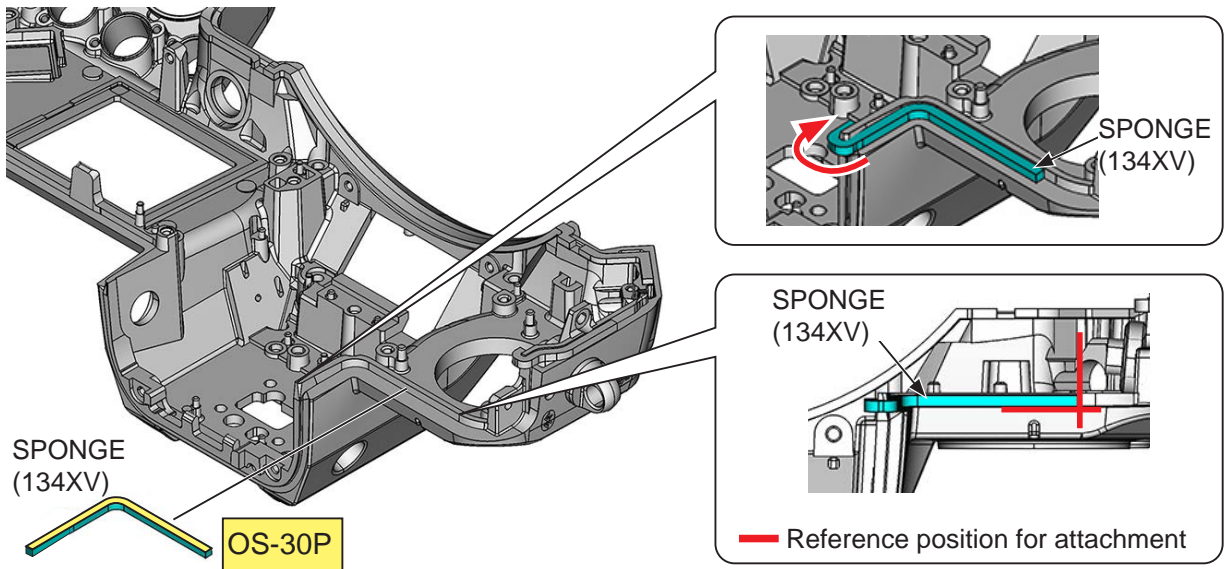


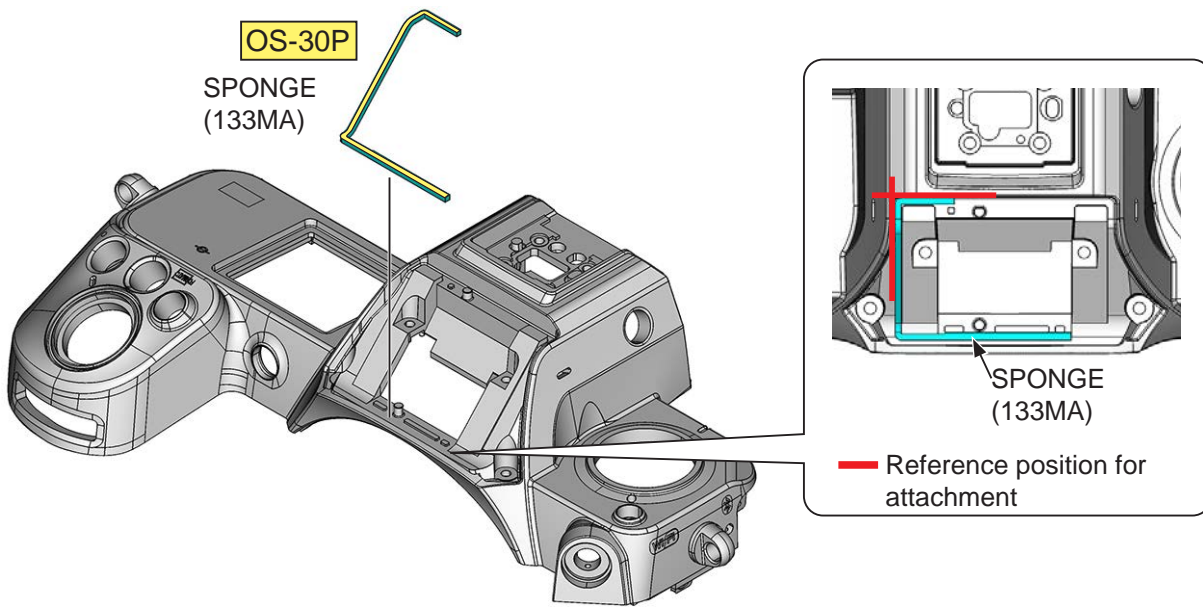
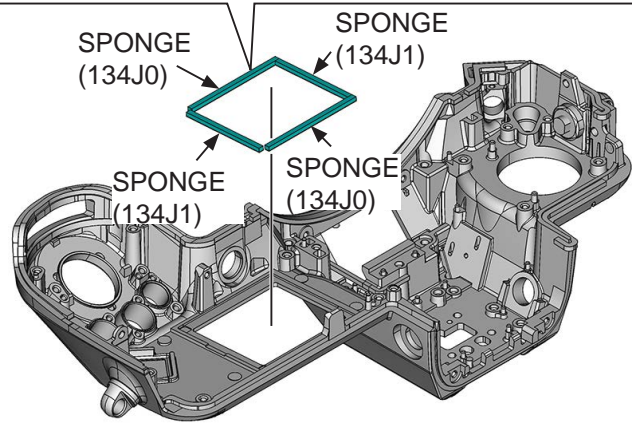
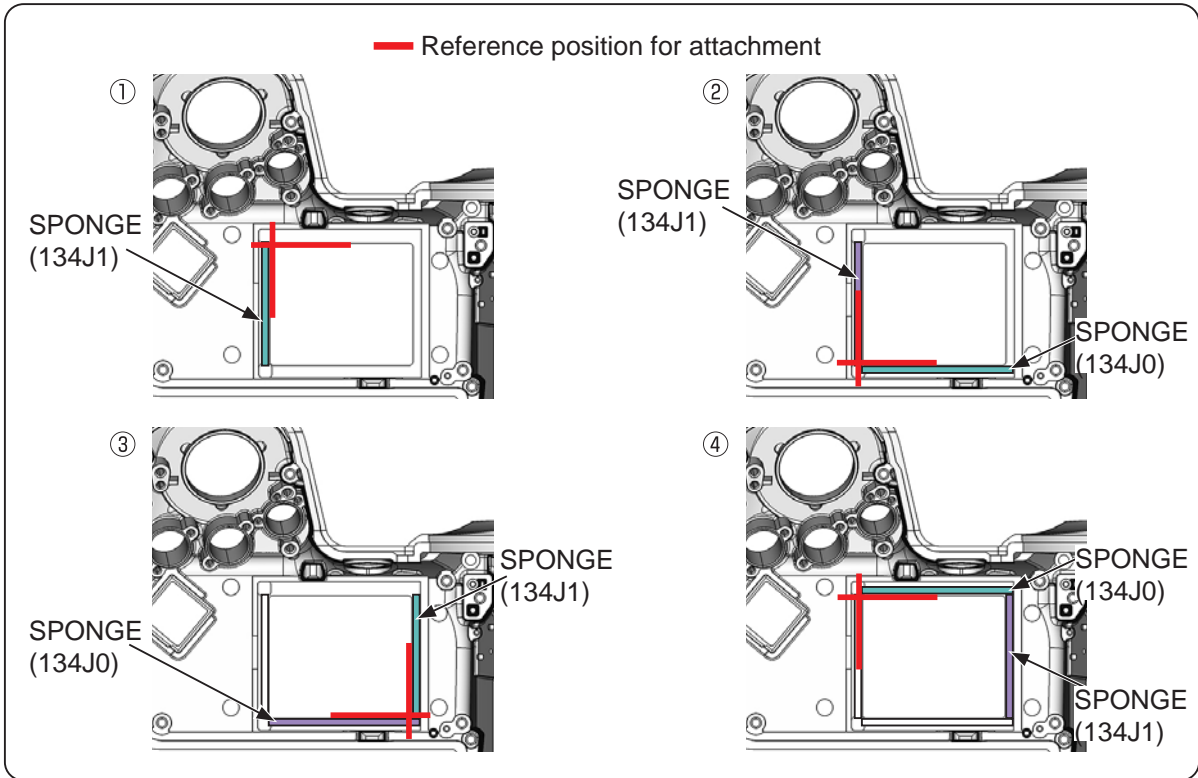


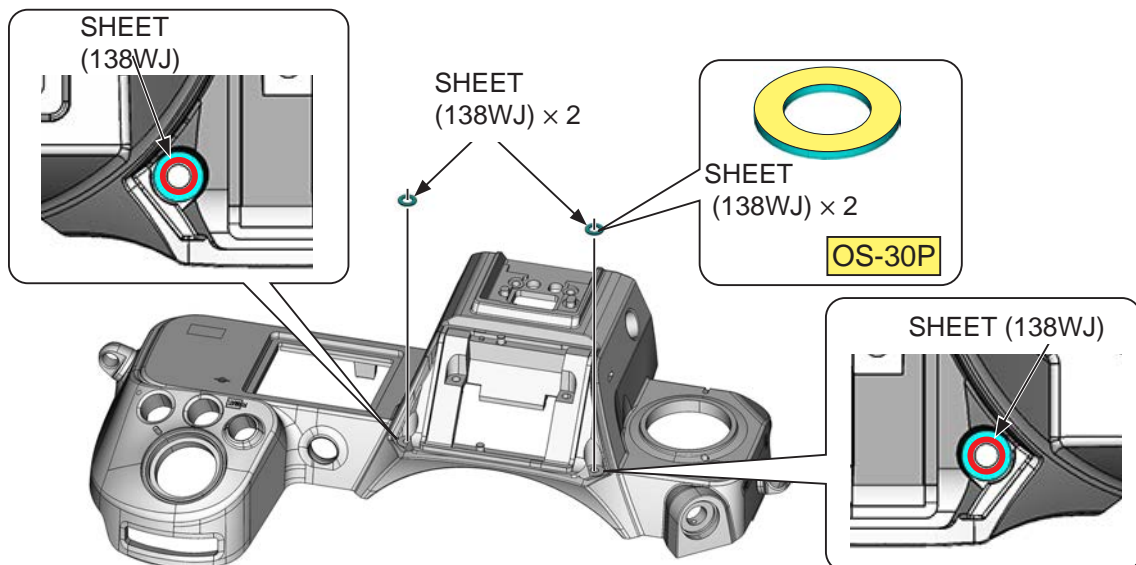
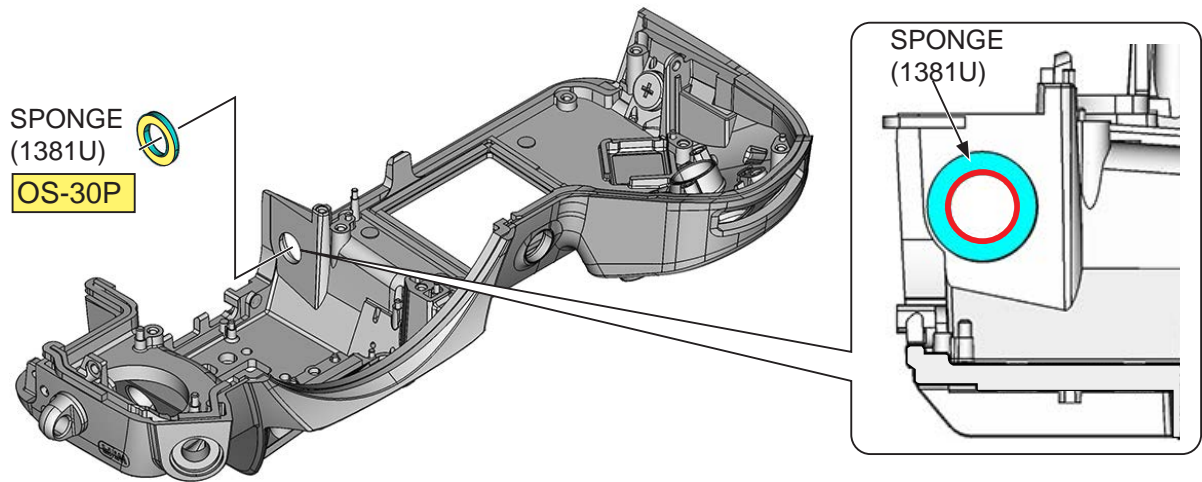
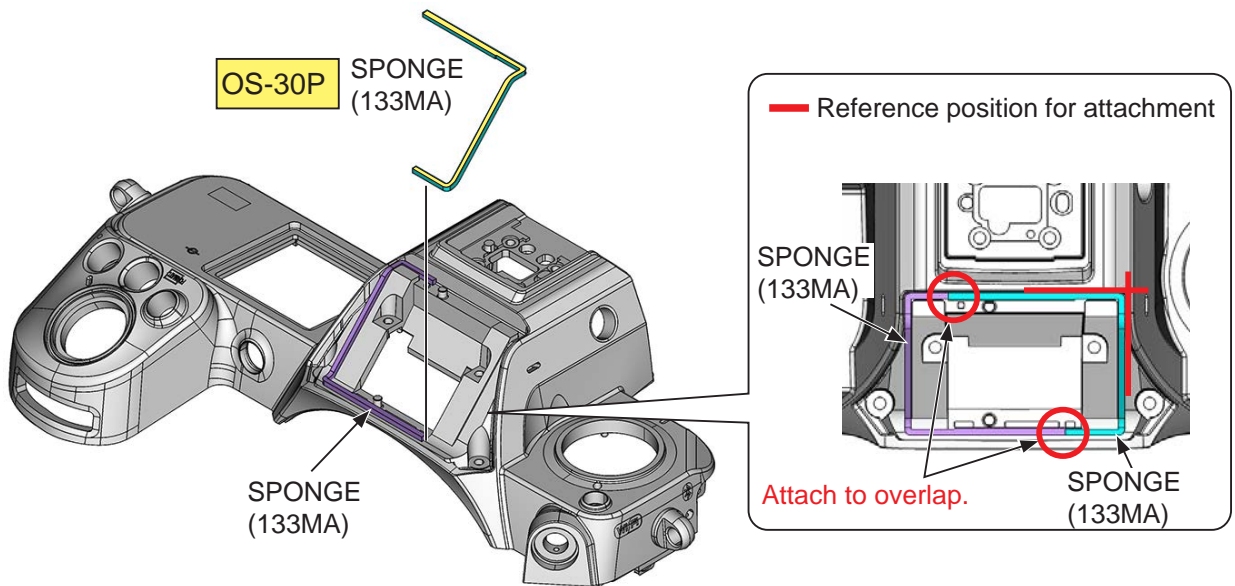
EYELET



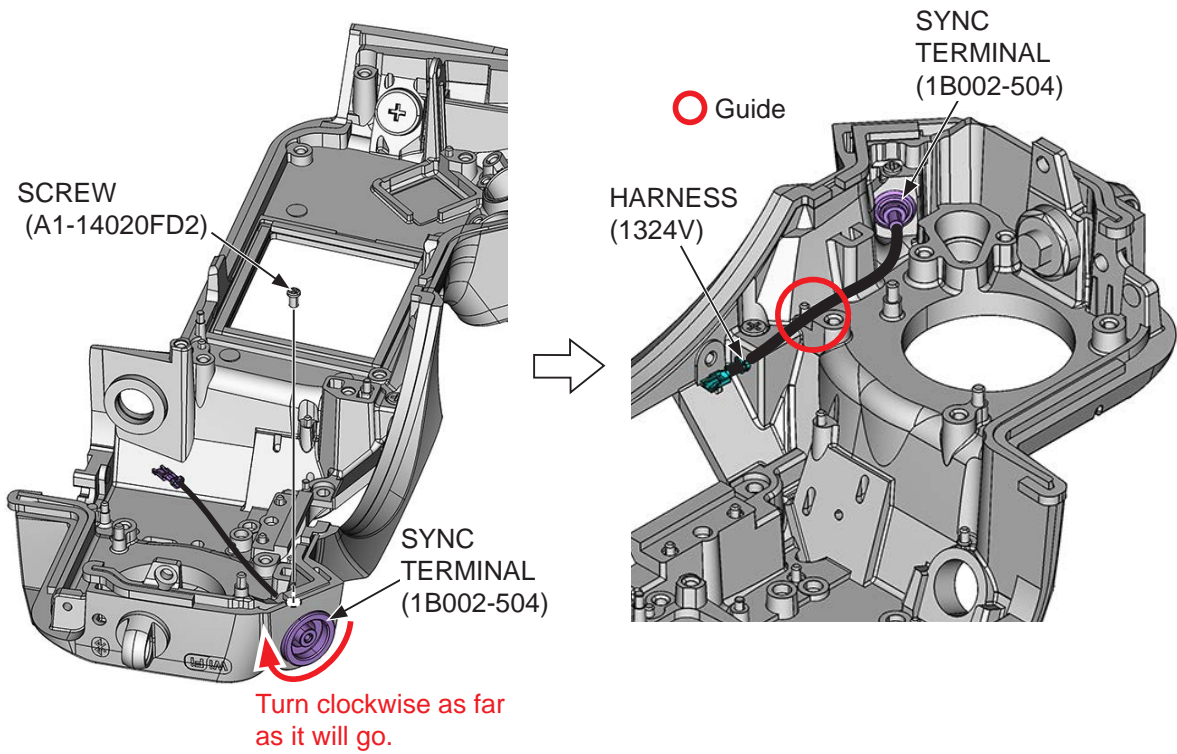
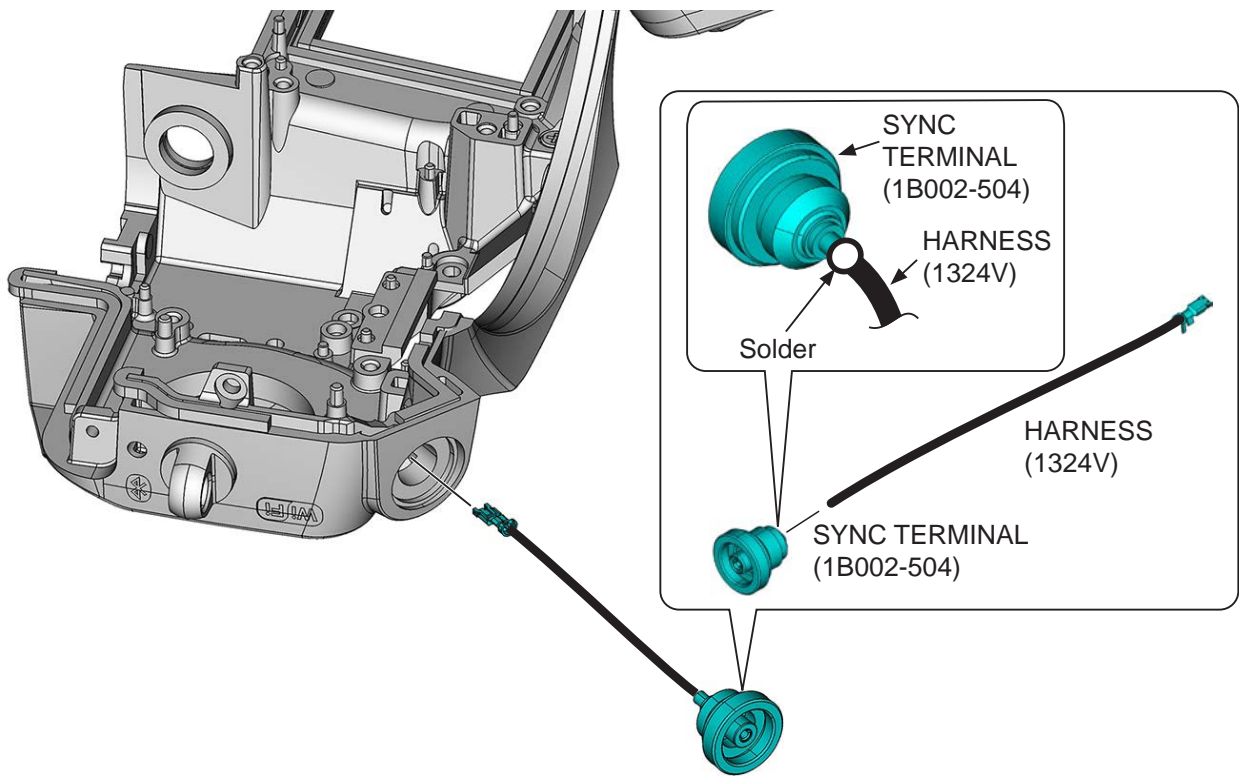




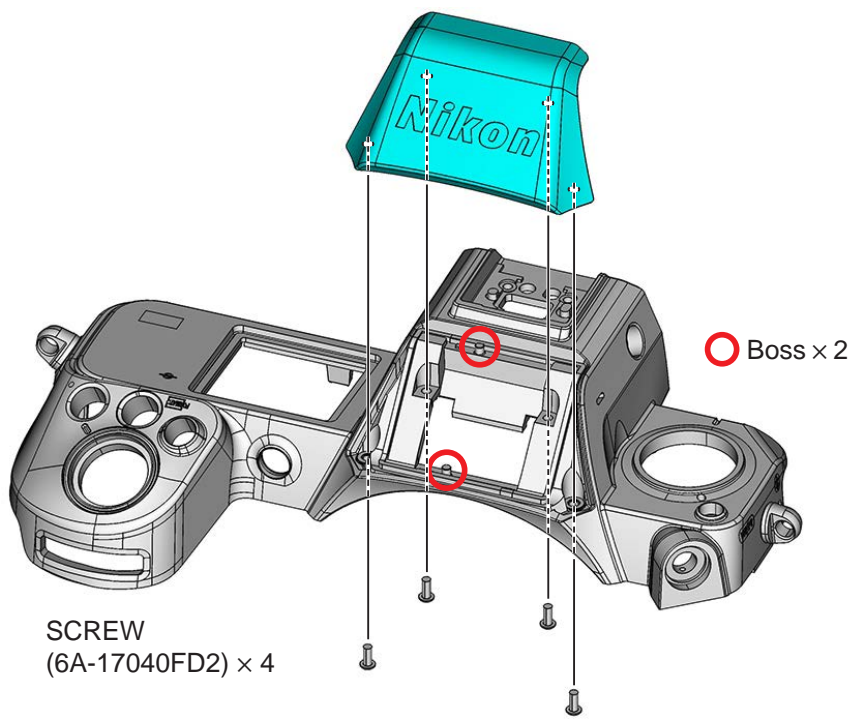
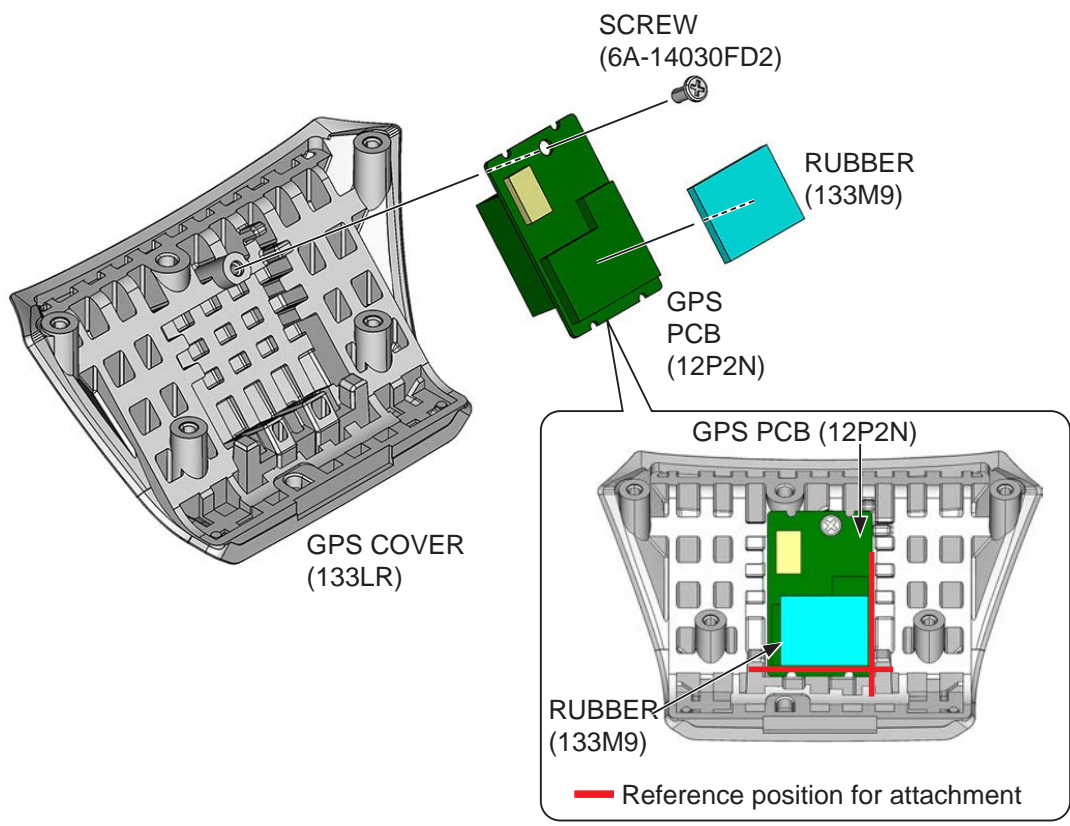




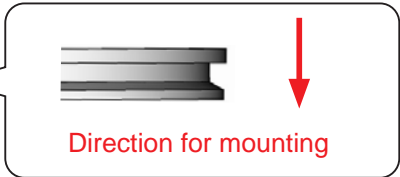
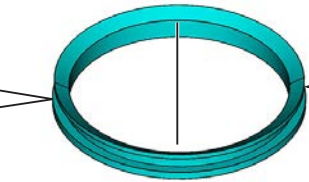
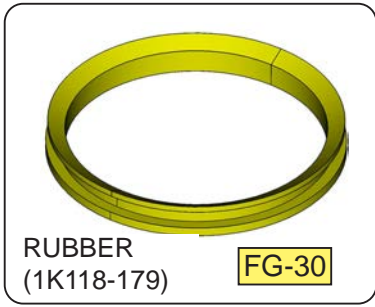
SYNC TERMINAL



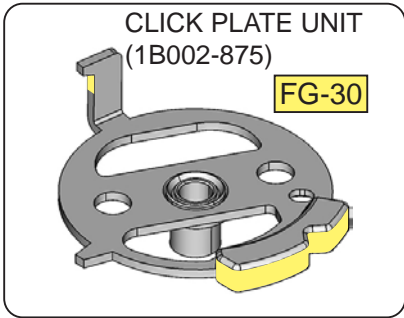
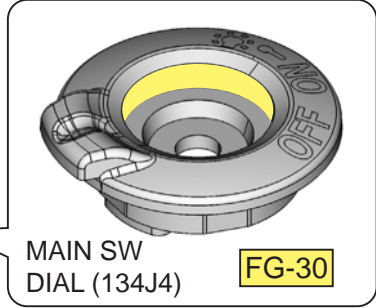
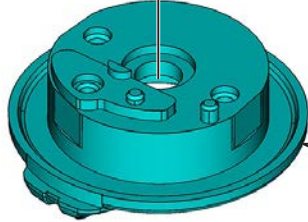
GPS PCB



MAIN SW DIAL



MAIN SW DIAL (134J4)

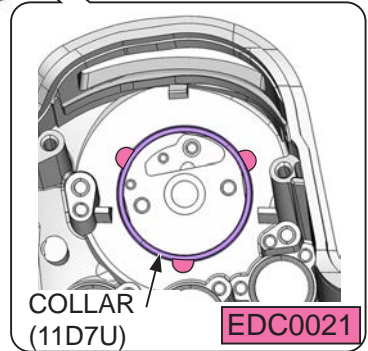
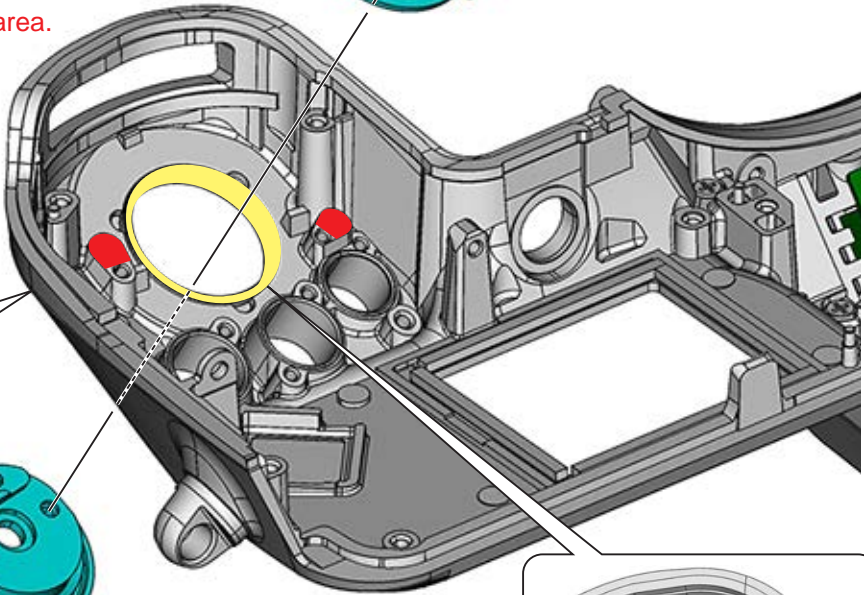
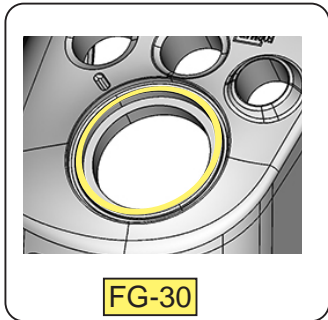


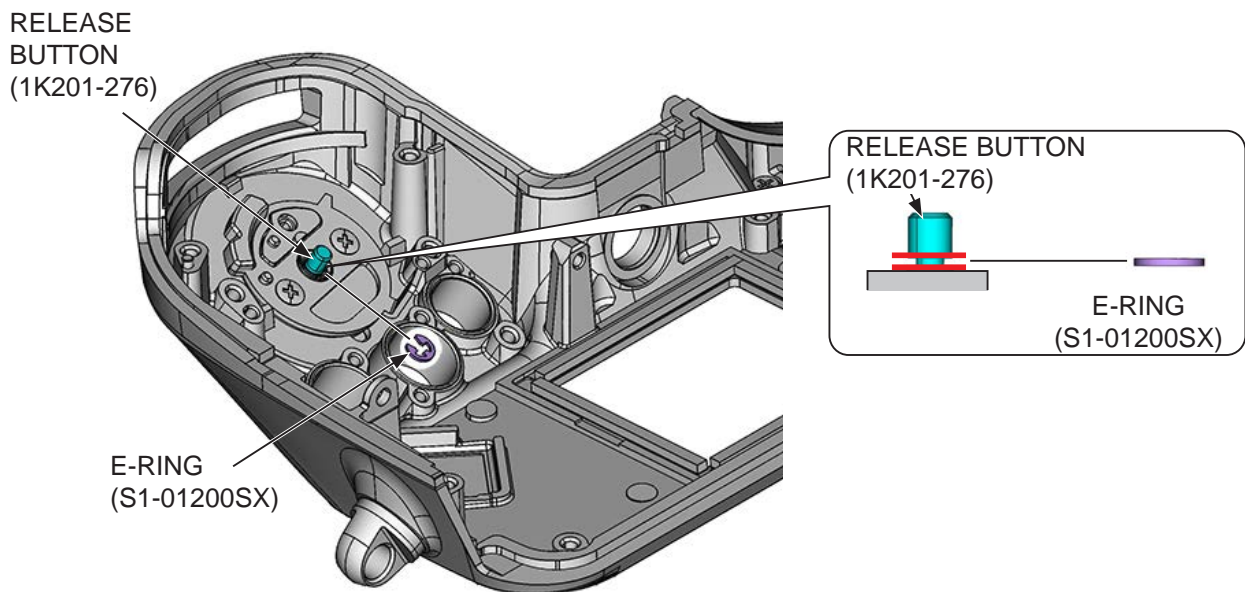
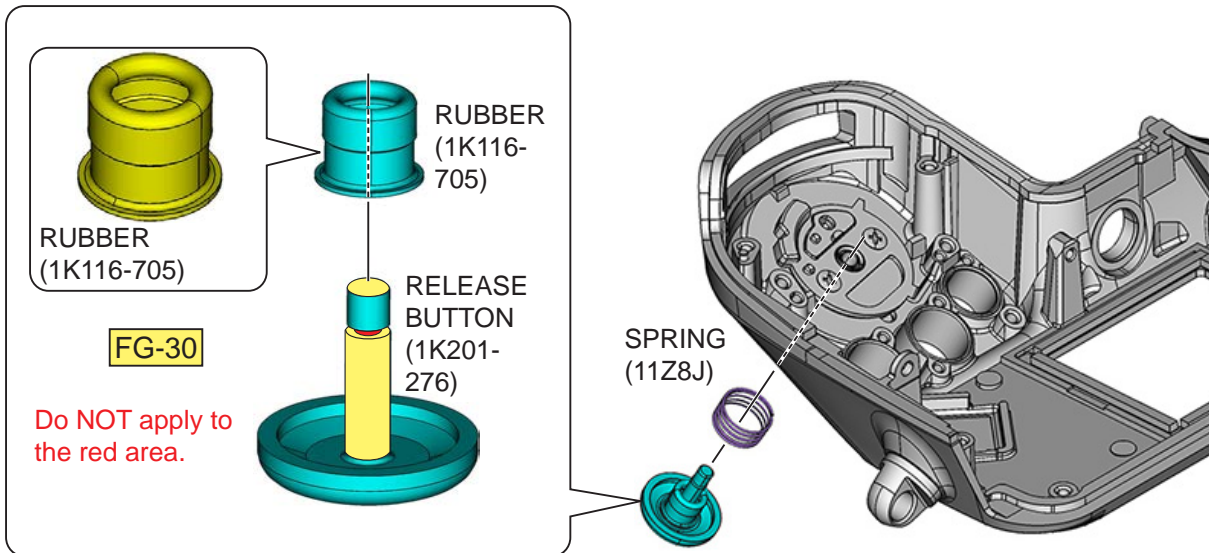
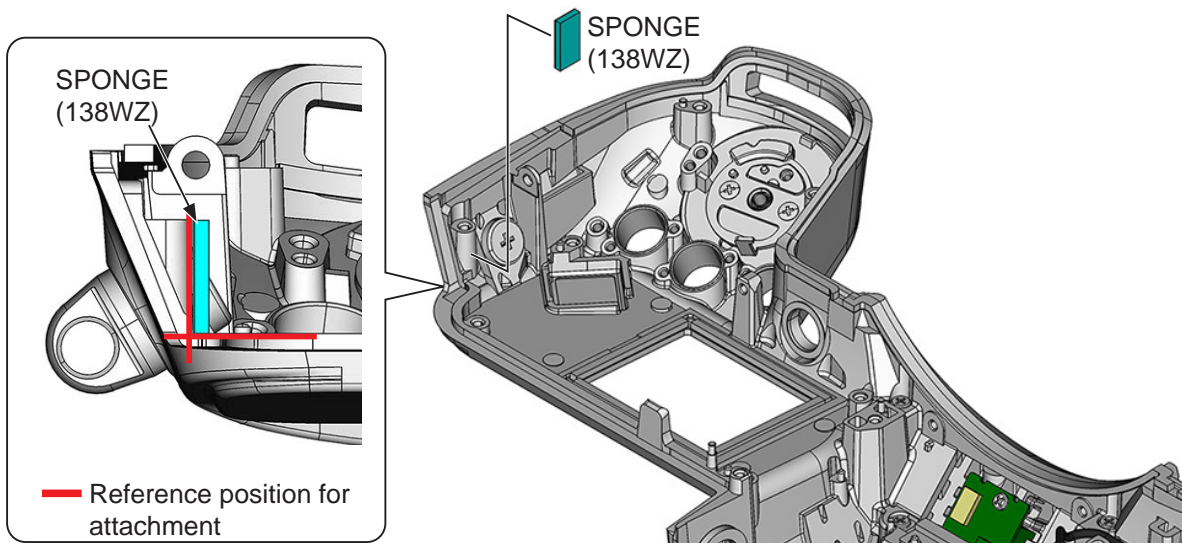
SCREW (6E-17030FD2) × 2

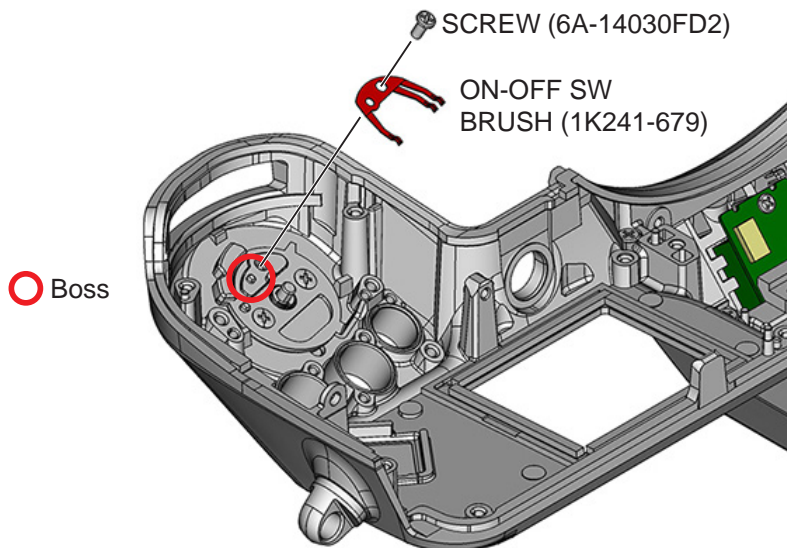
CLICK PLATE UNIT (1B002-875)

Do NOT apply to the red area.

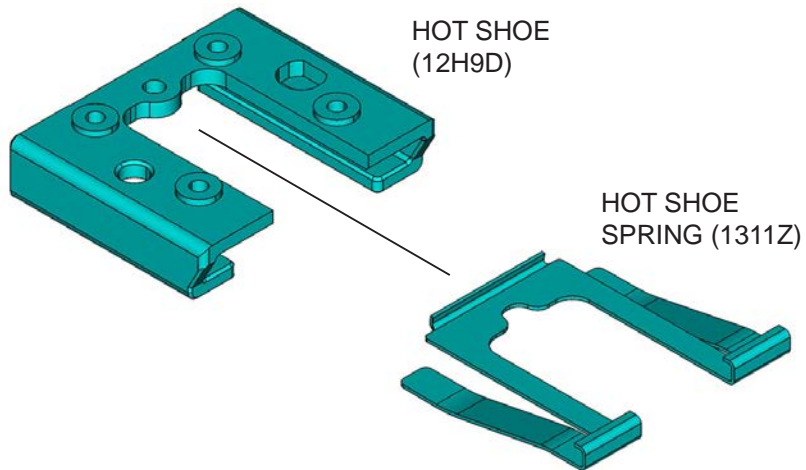
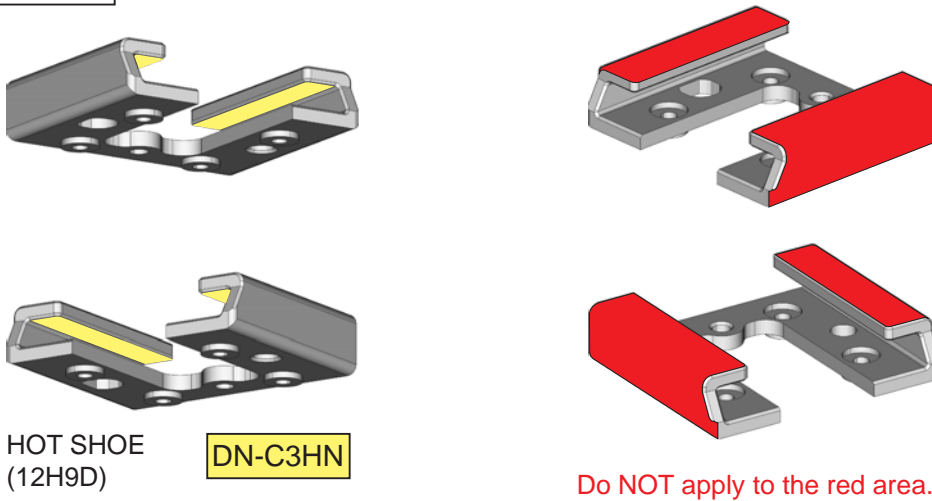
FG-30

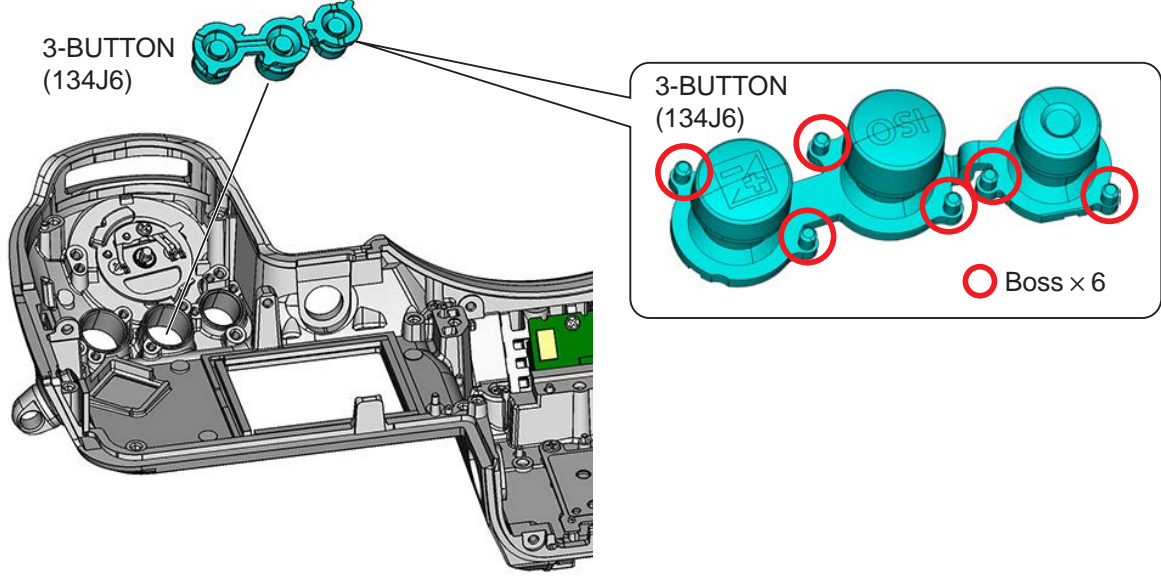
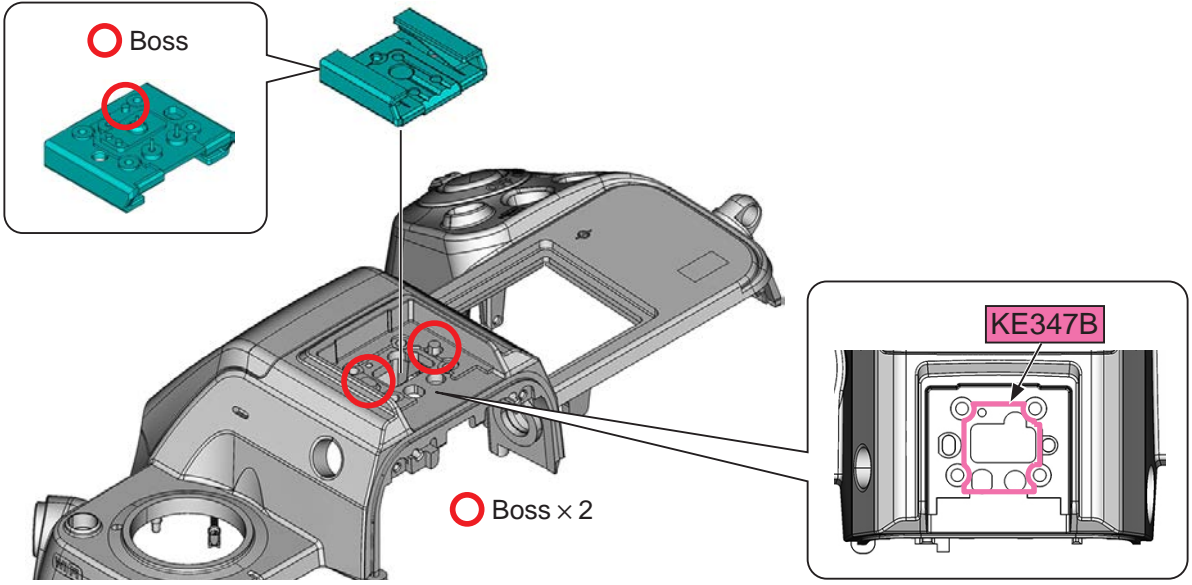
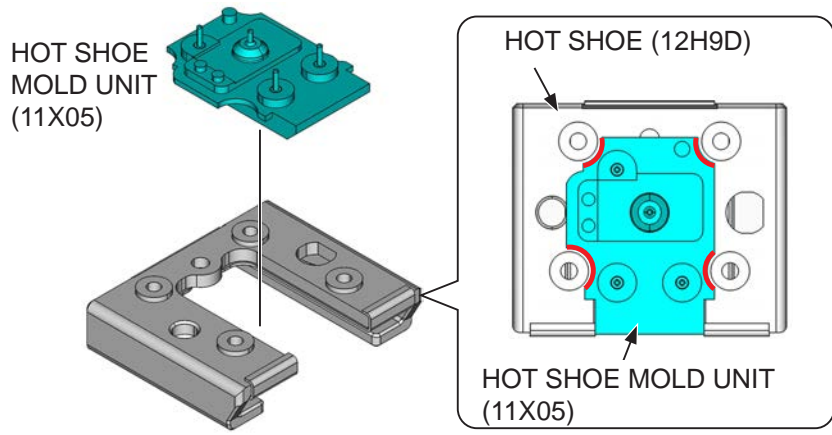




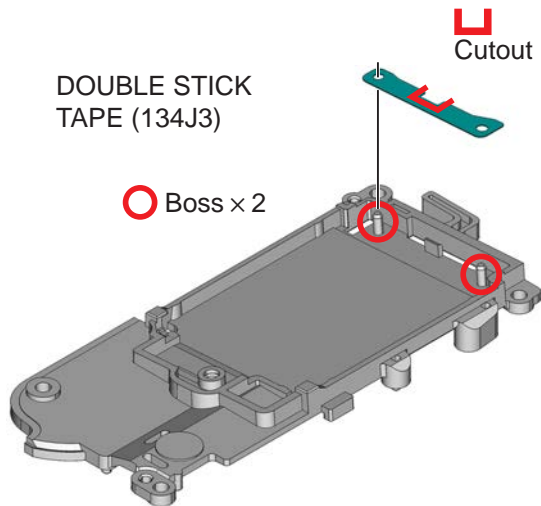
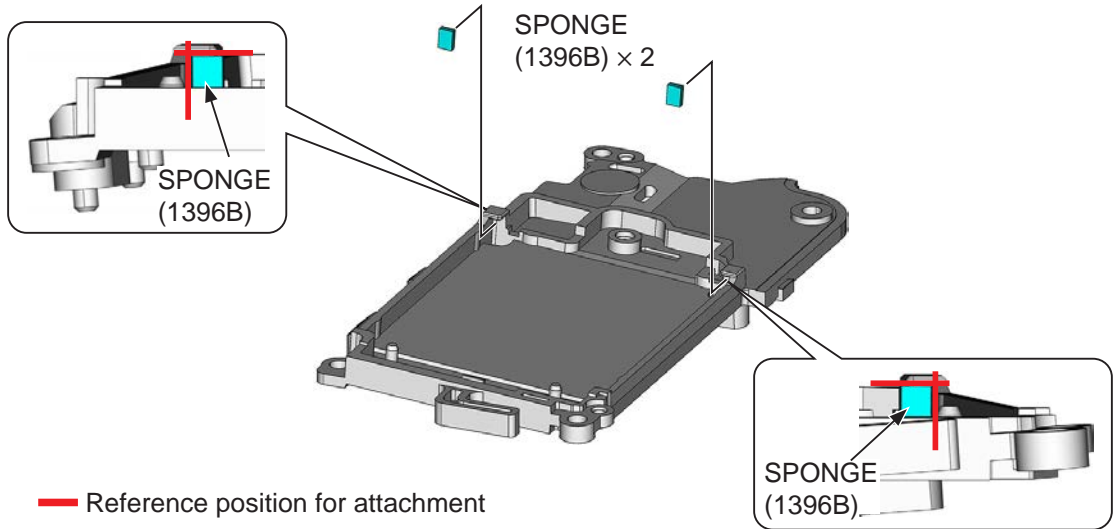
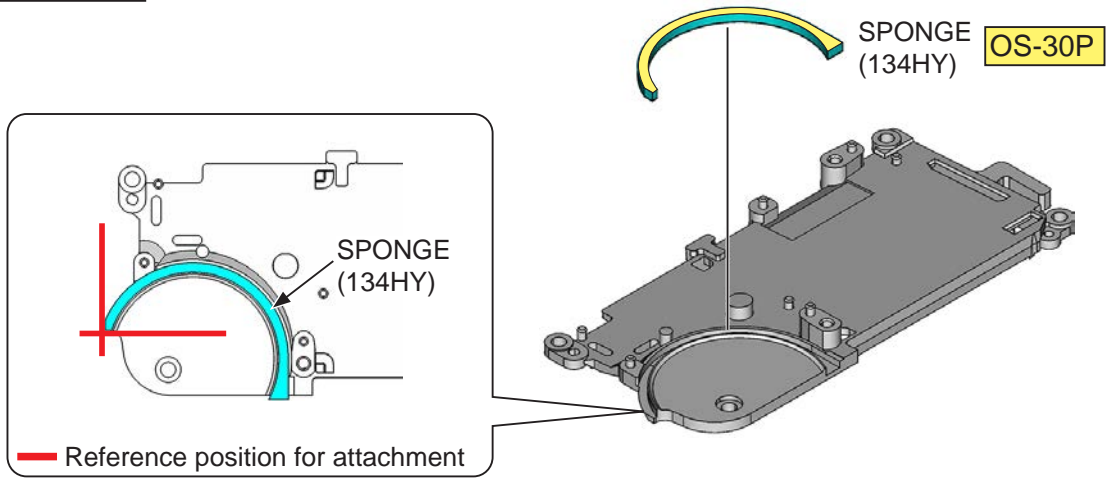


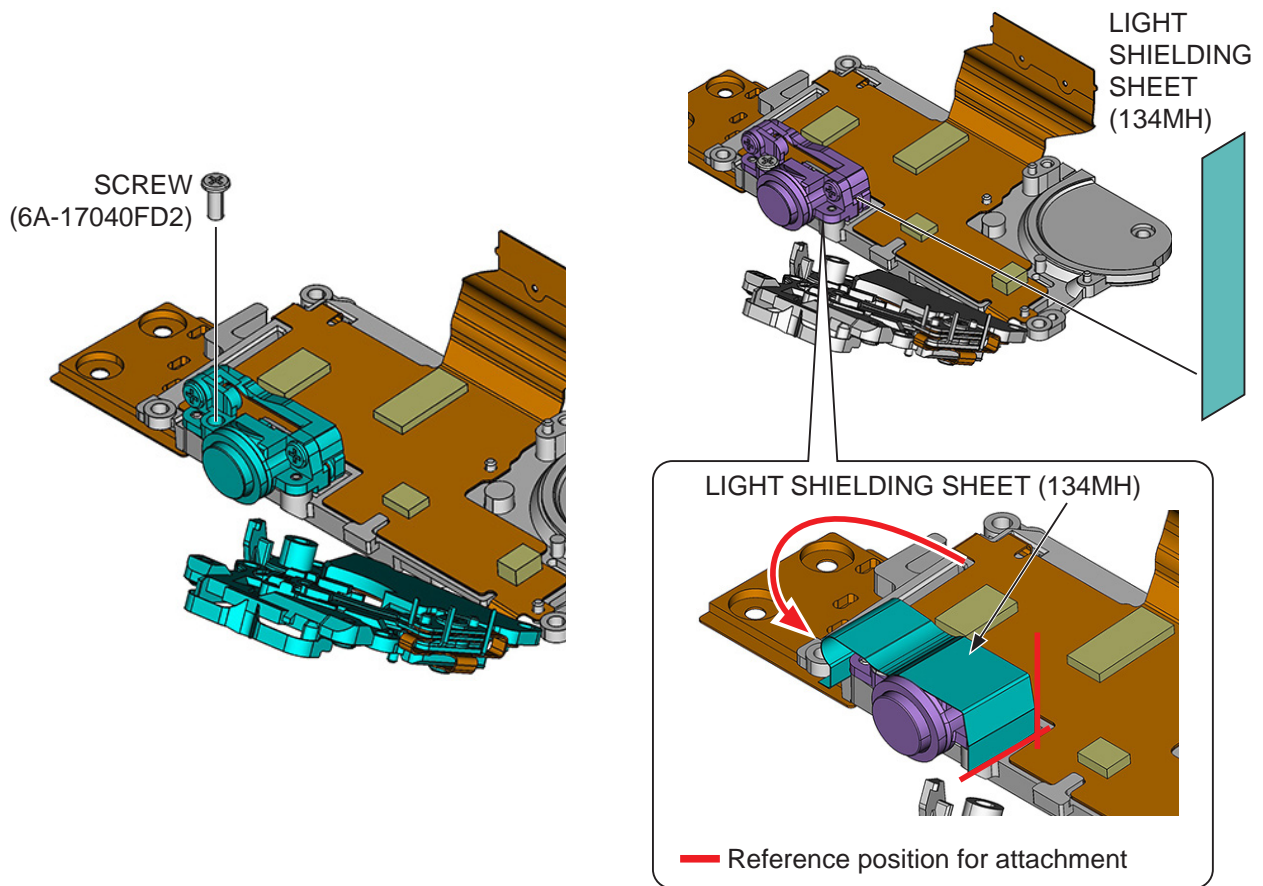
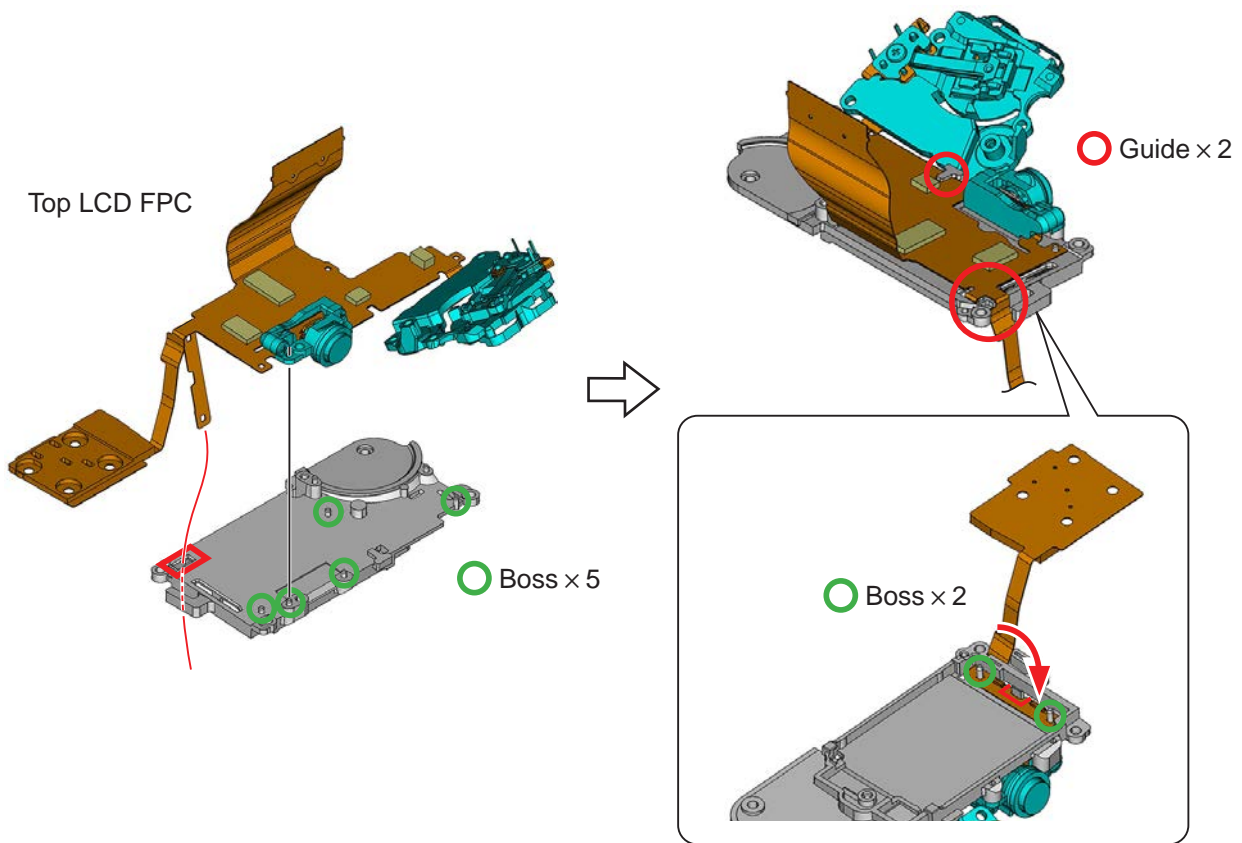
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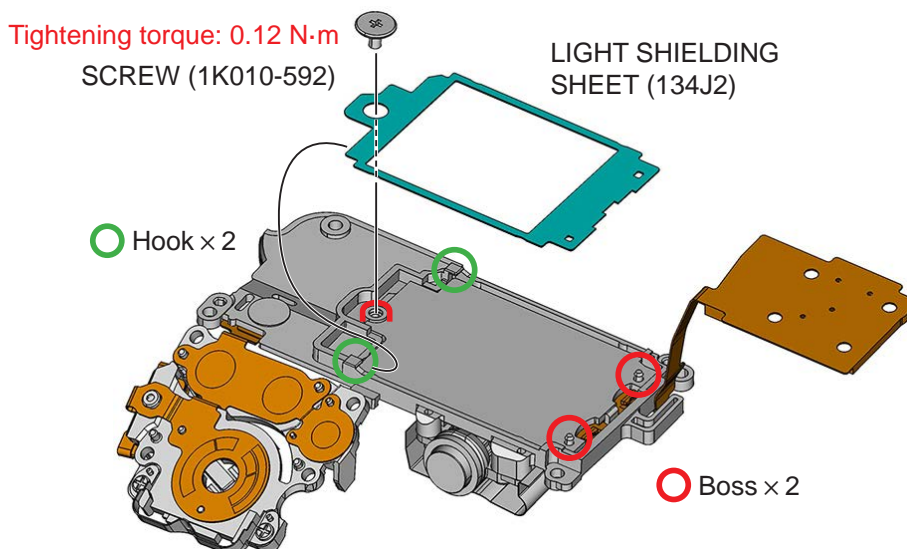
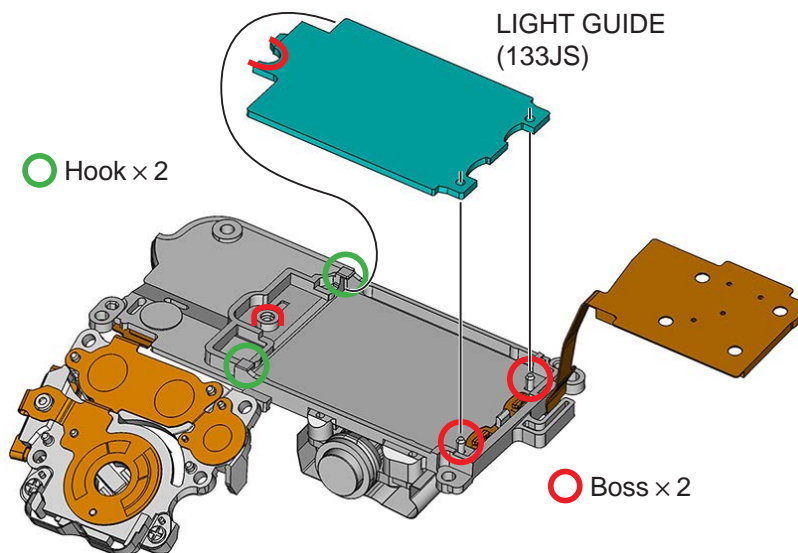
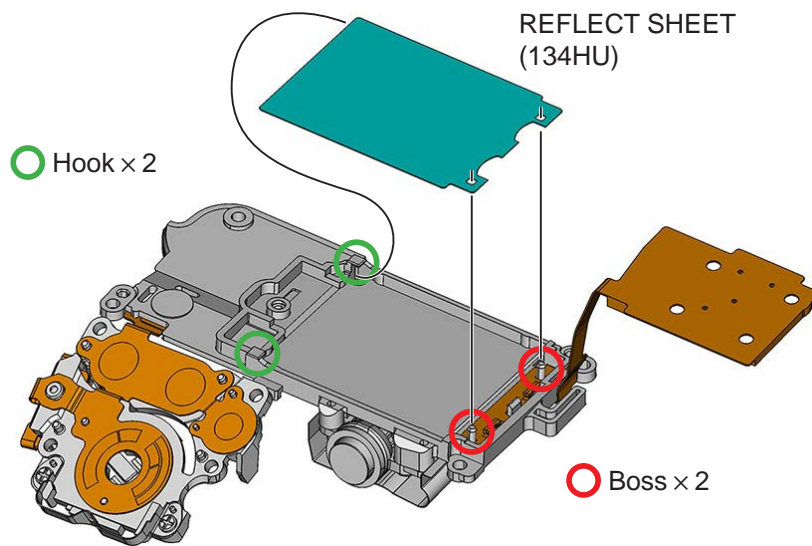


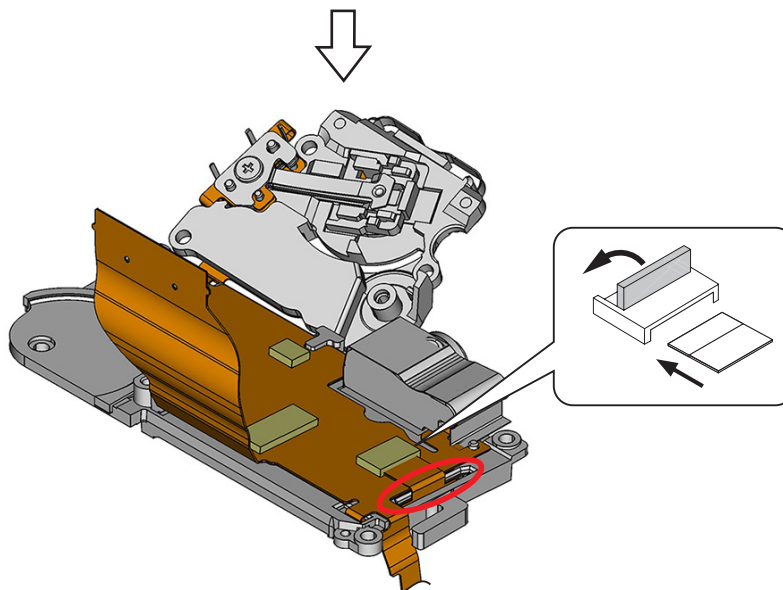
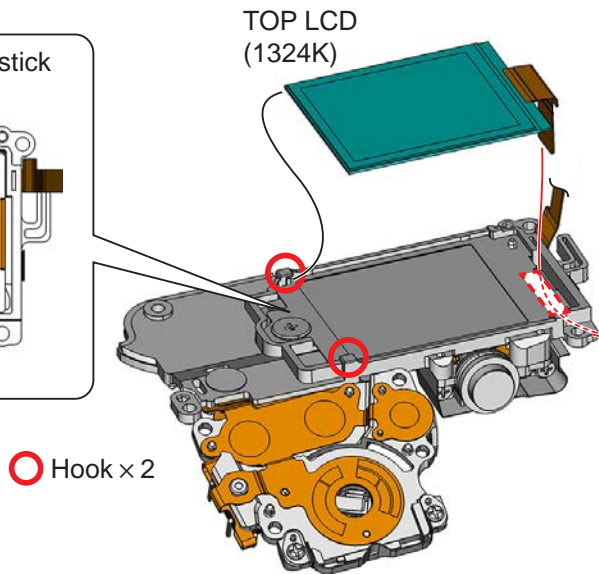
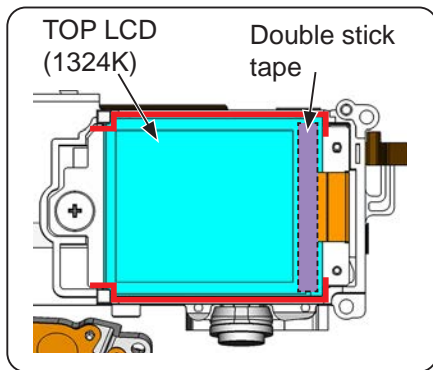
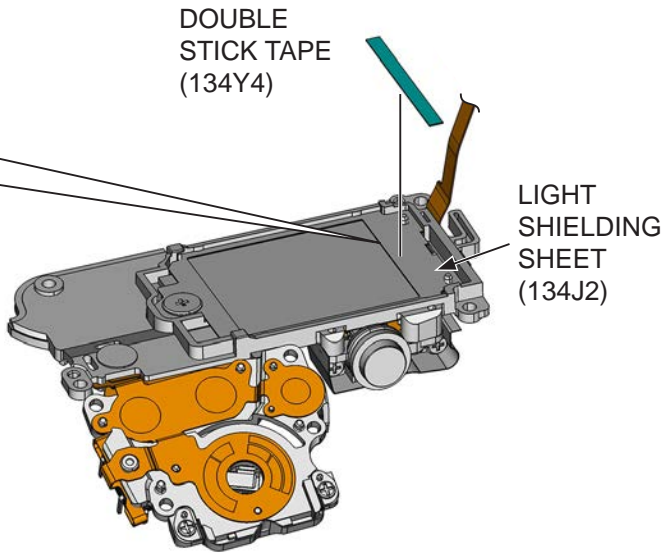
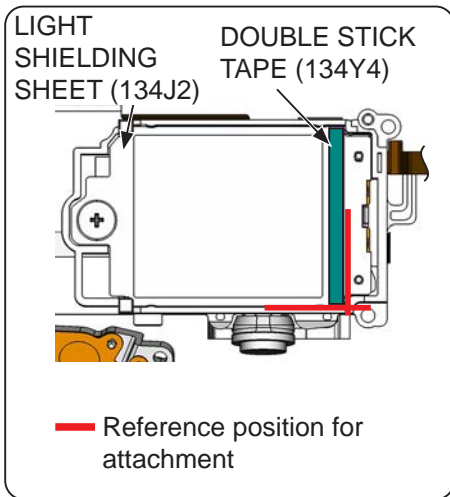


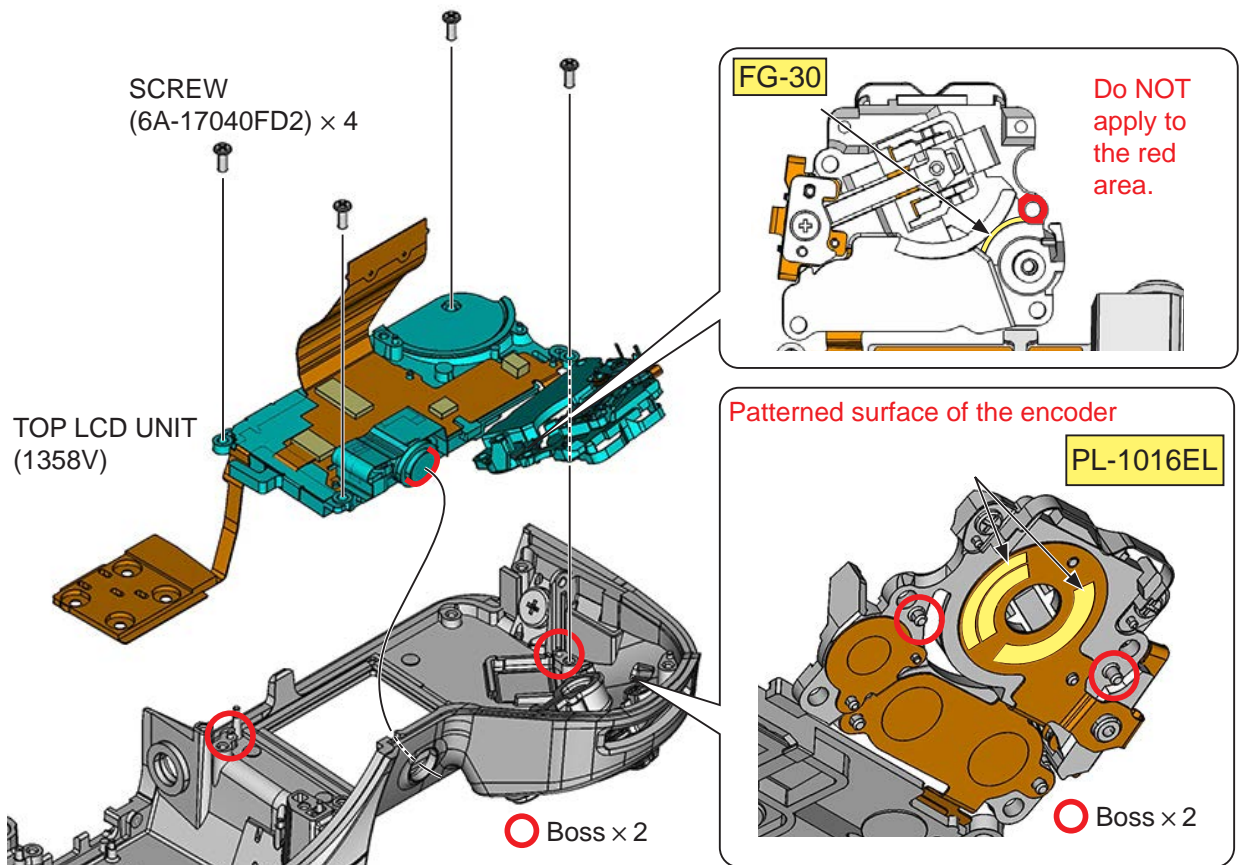
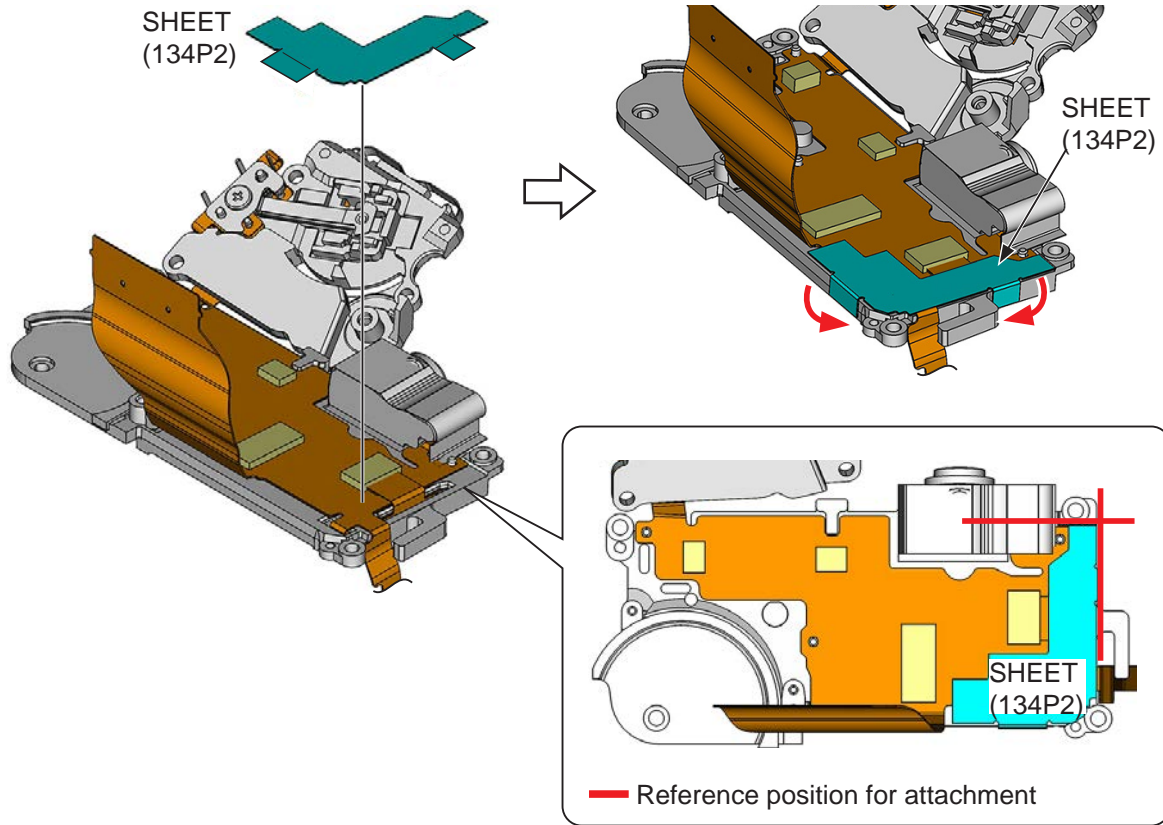
TOP LCD UNIT

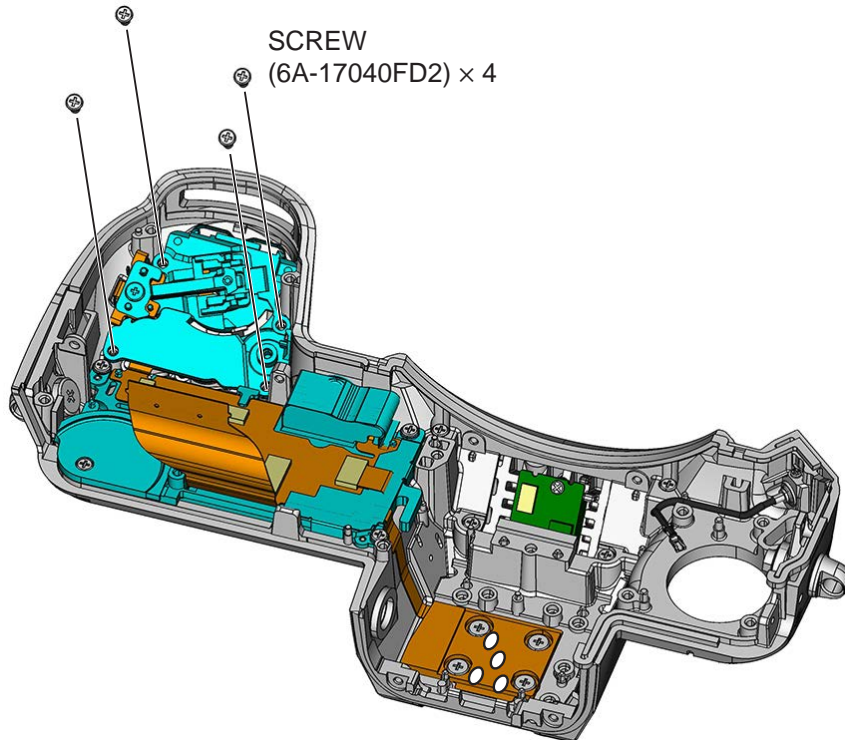
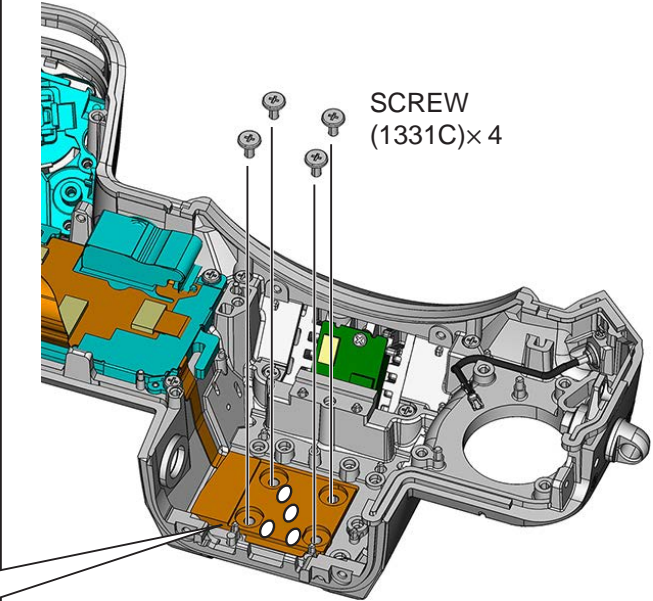
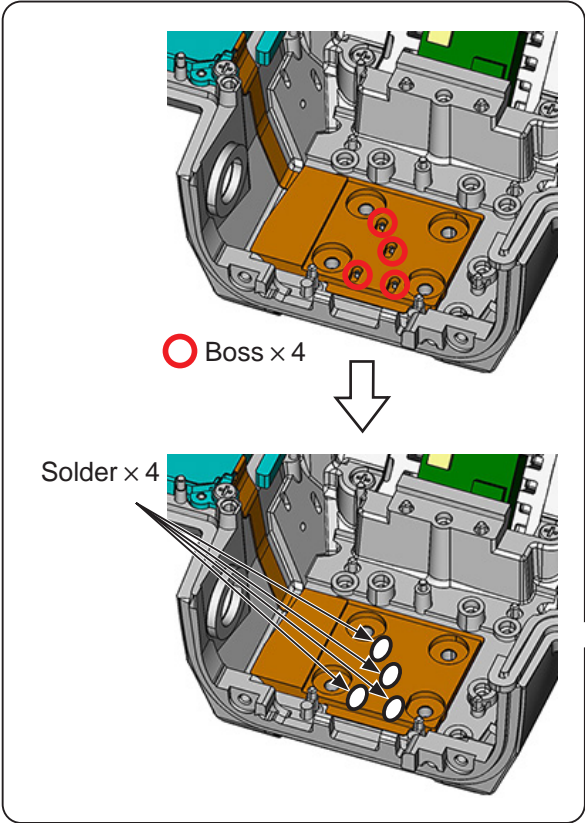


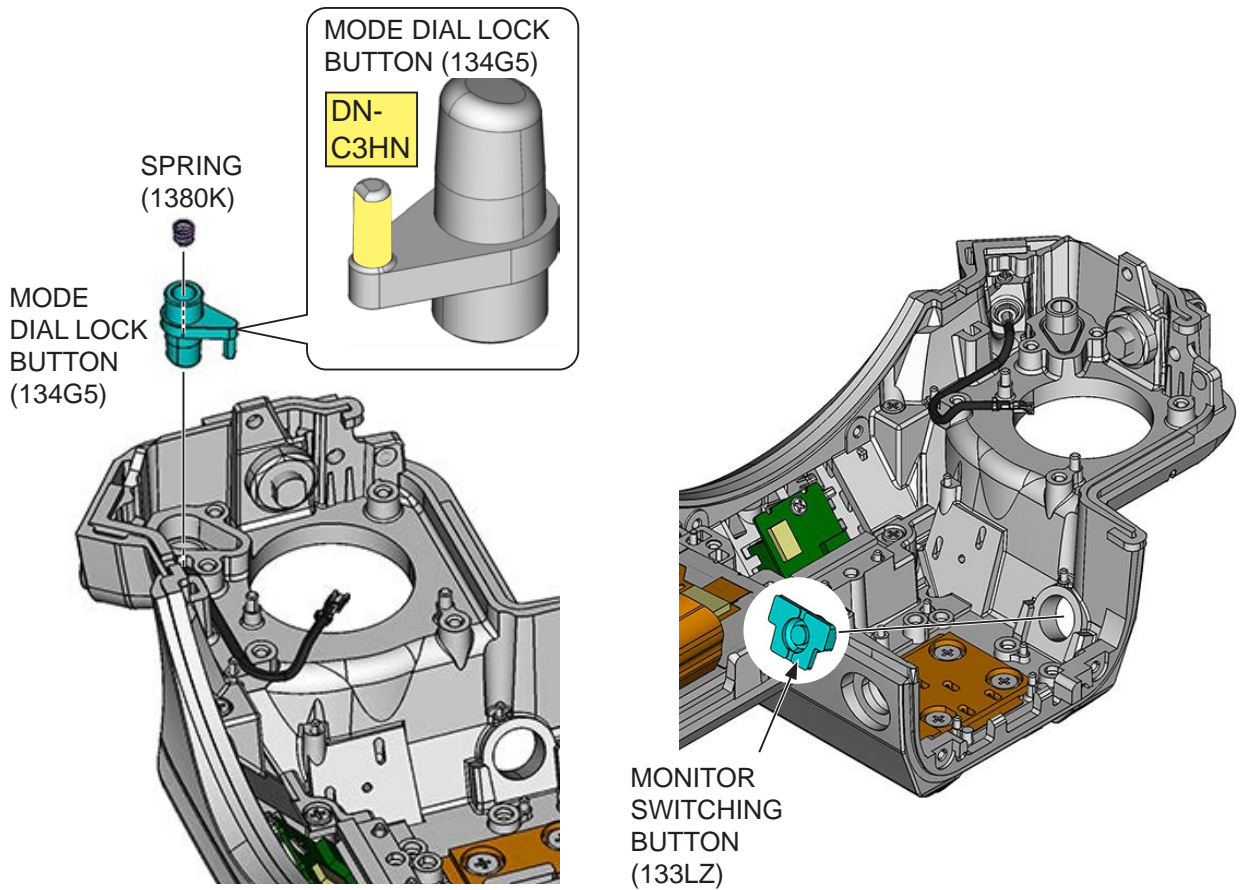
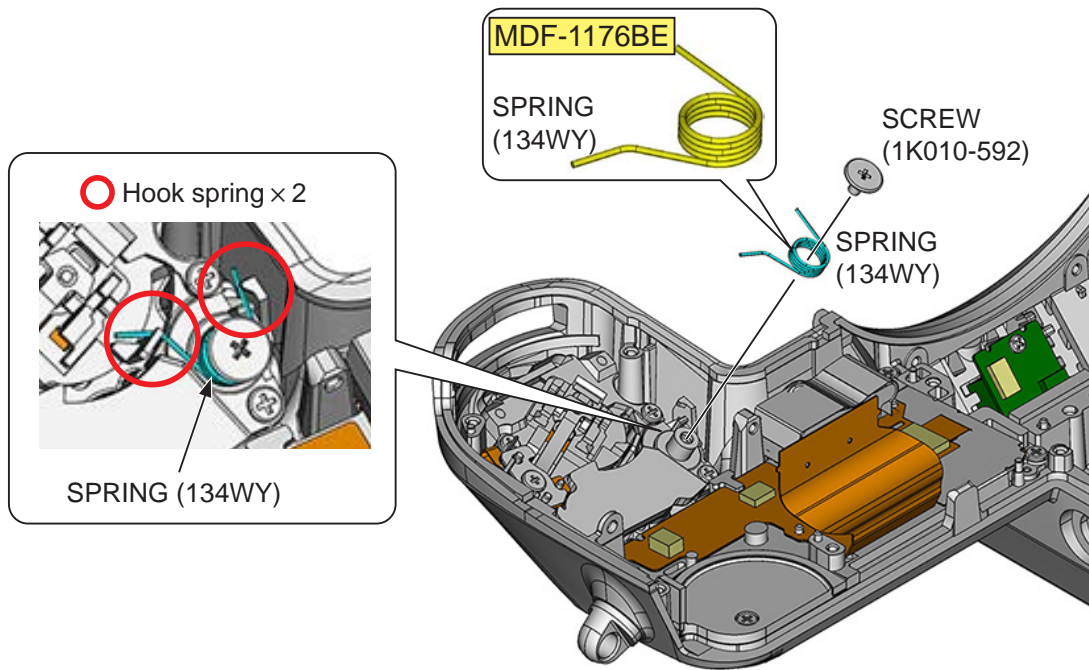




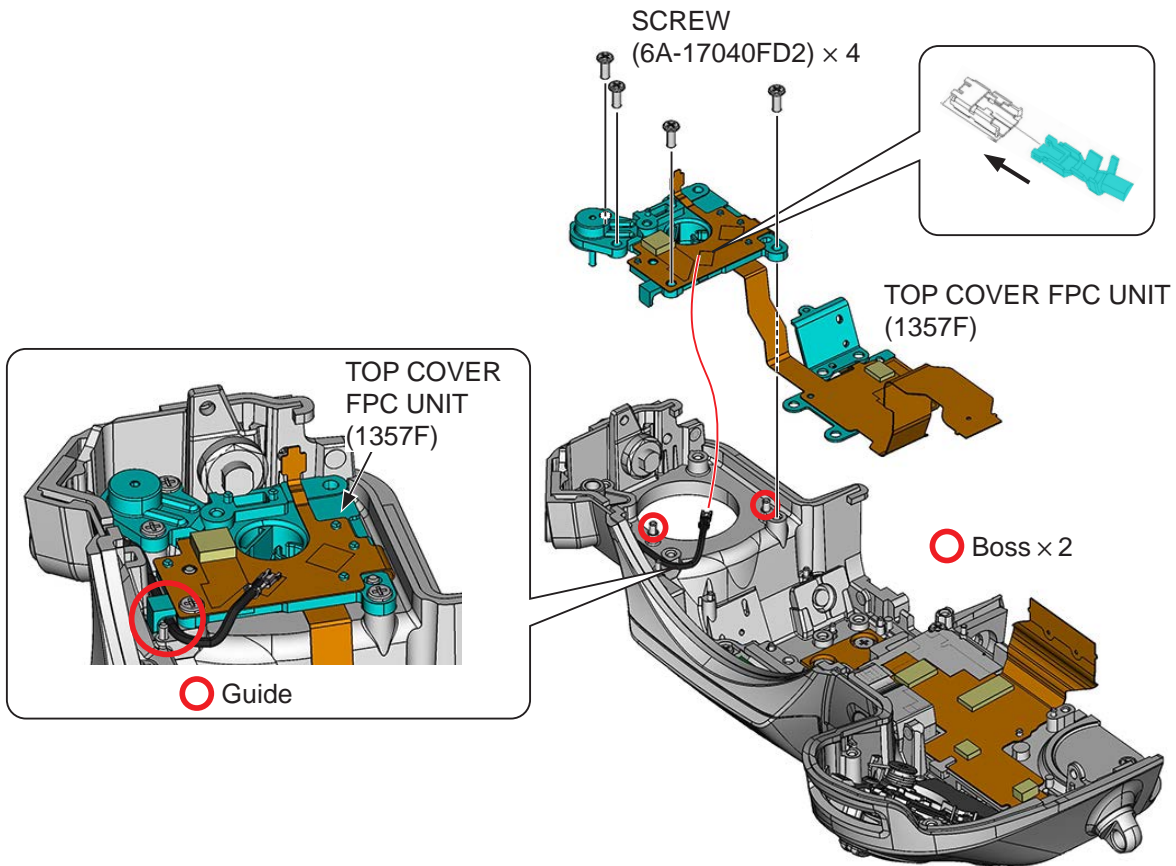
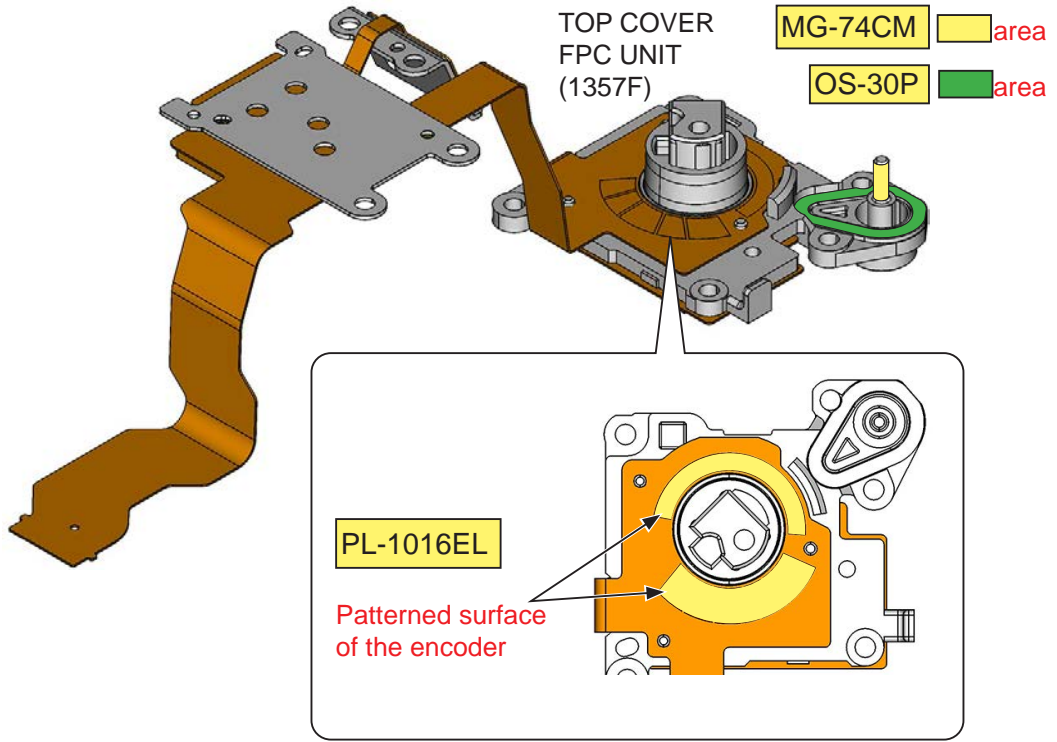


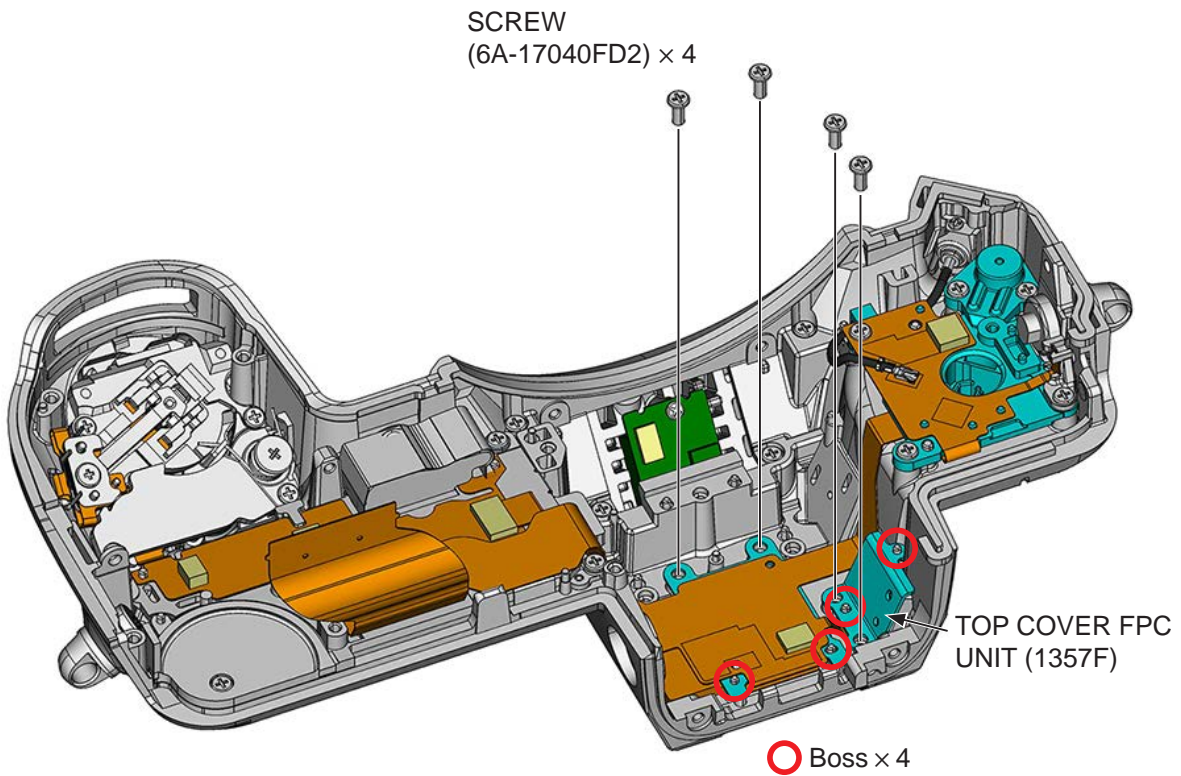
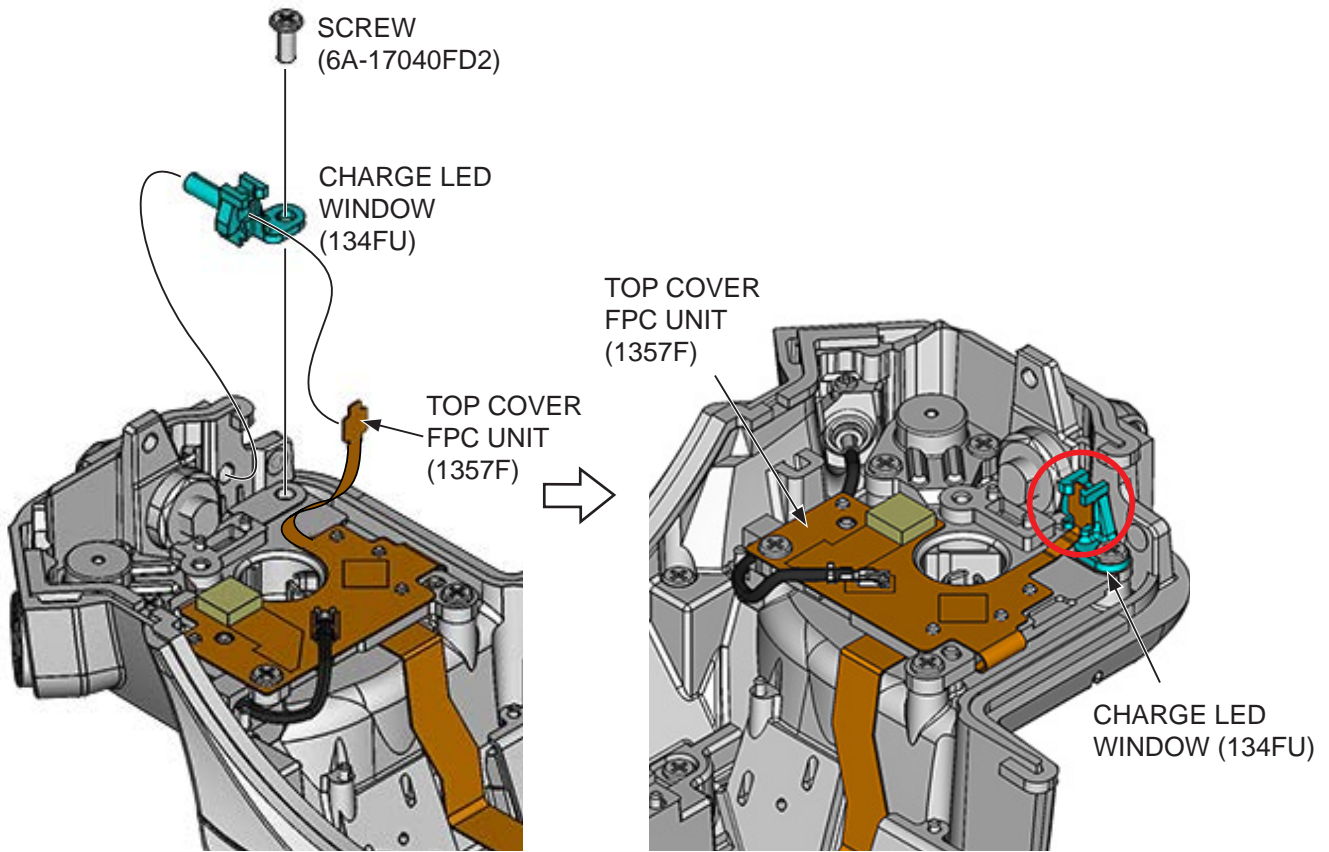


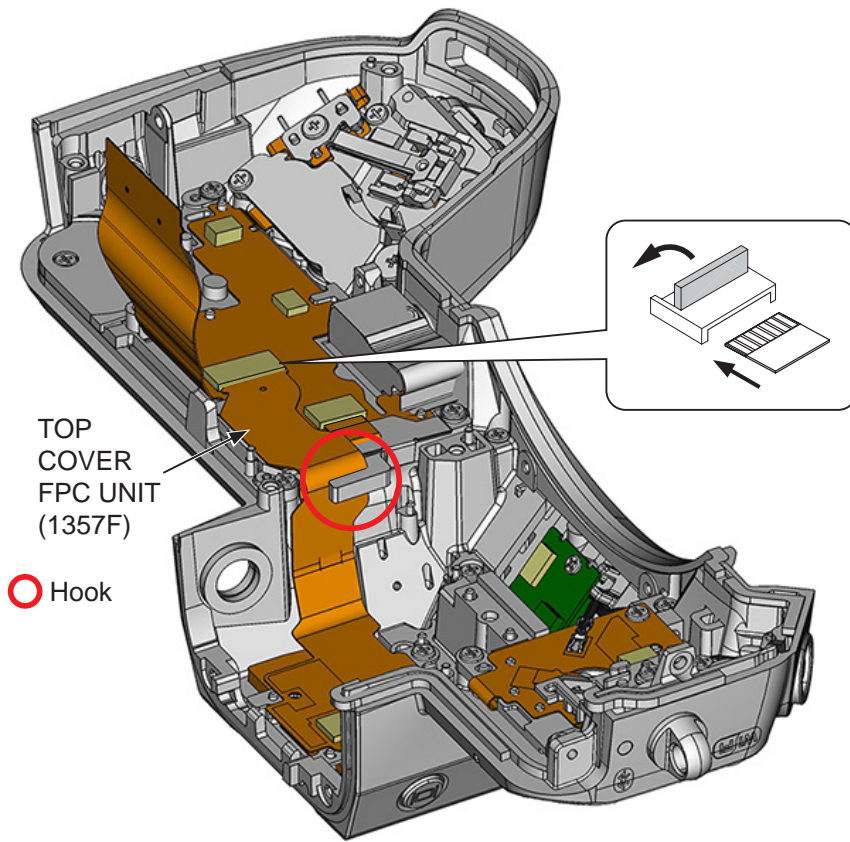




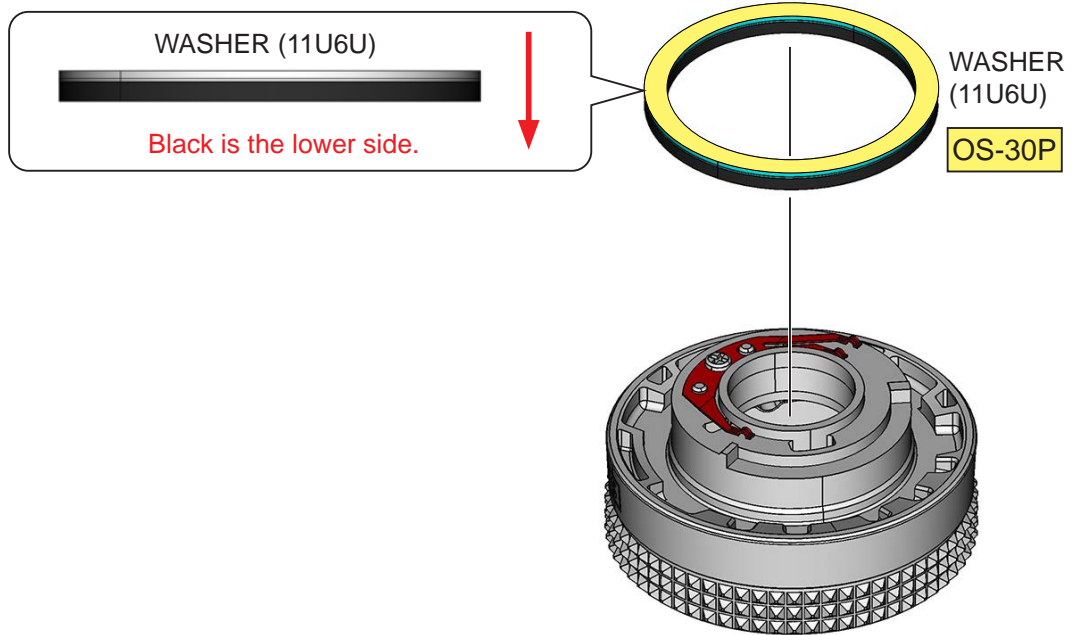
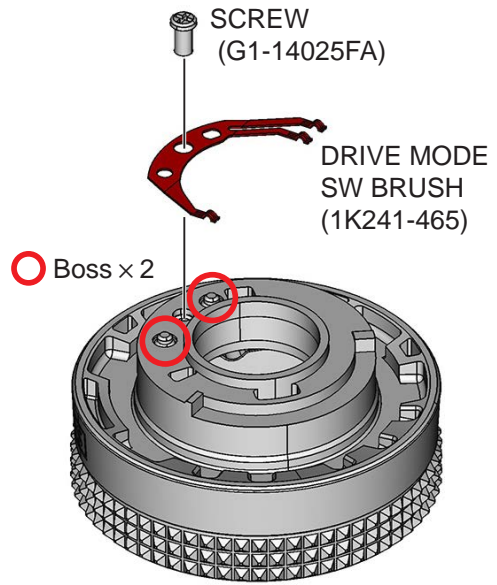
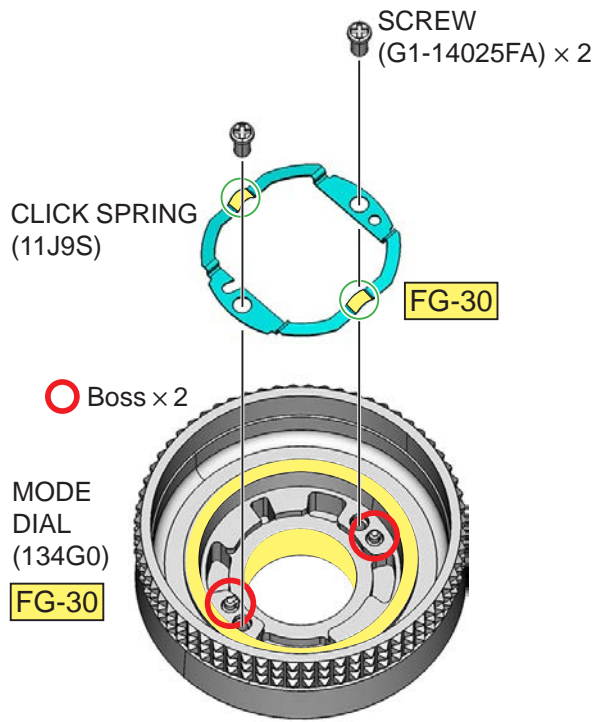
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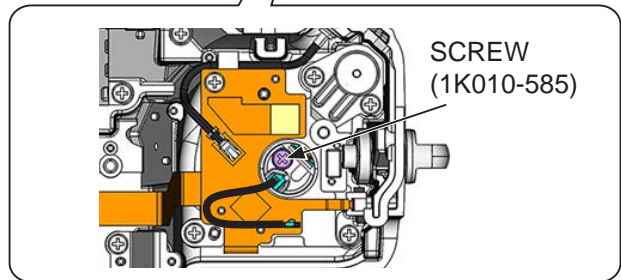
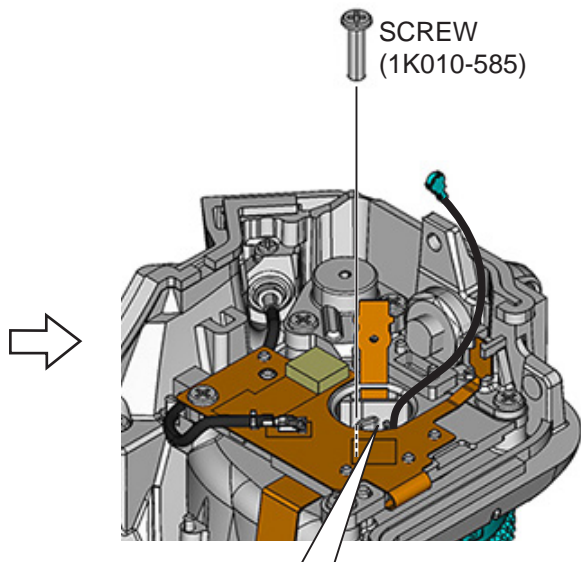
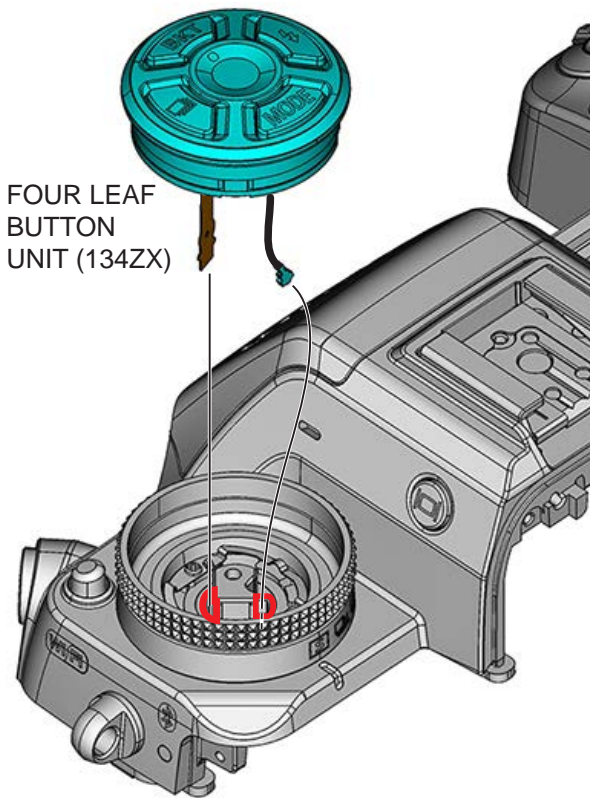
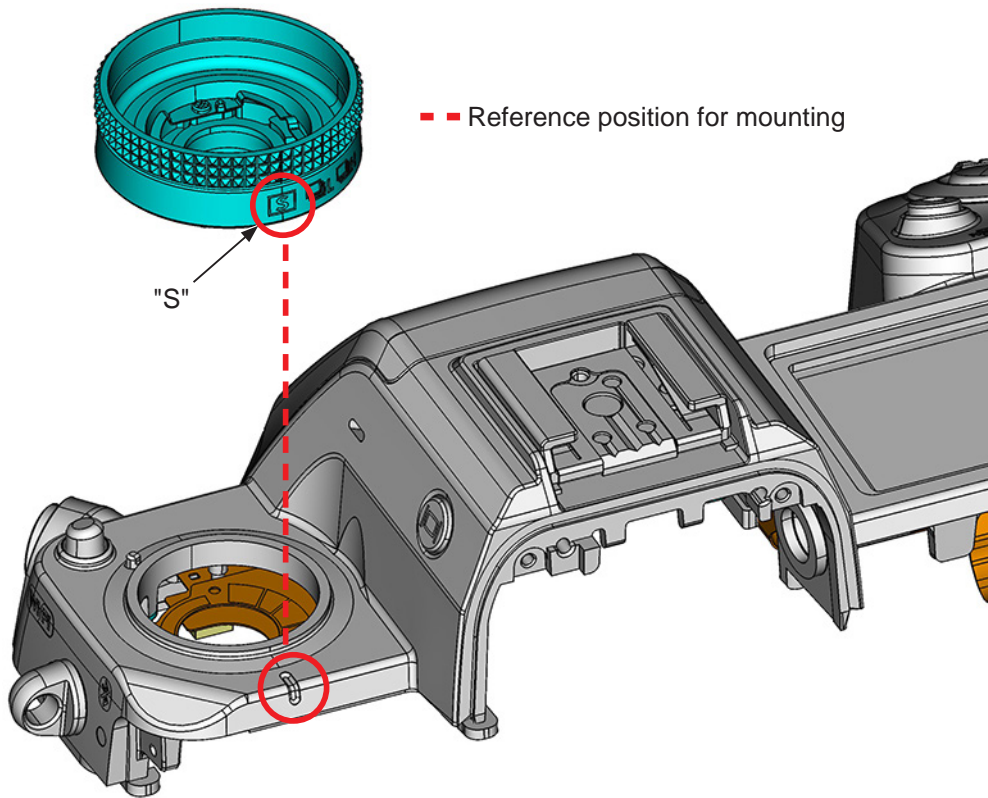


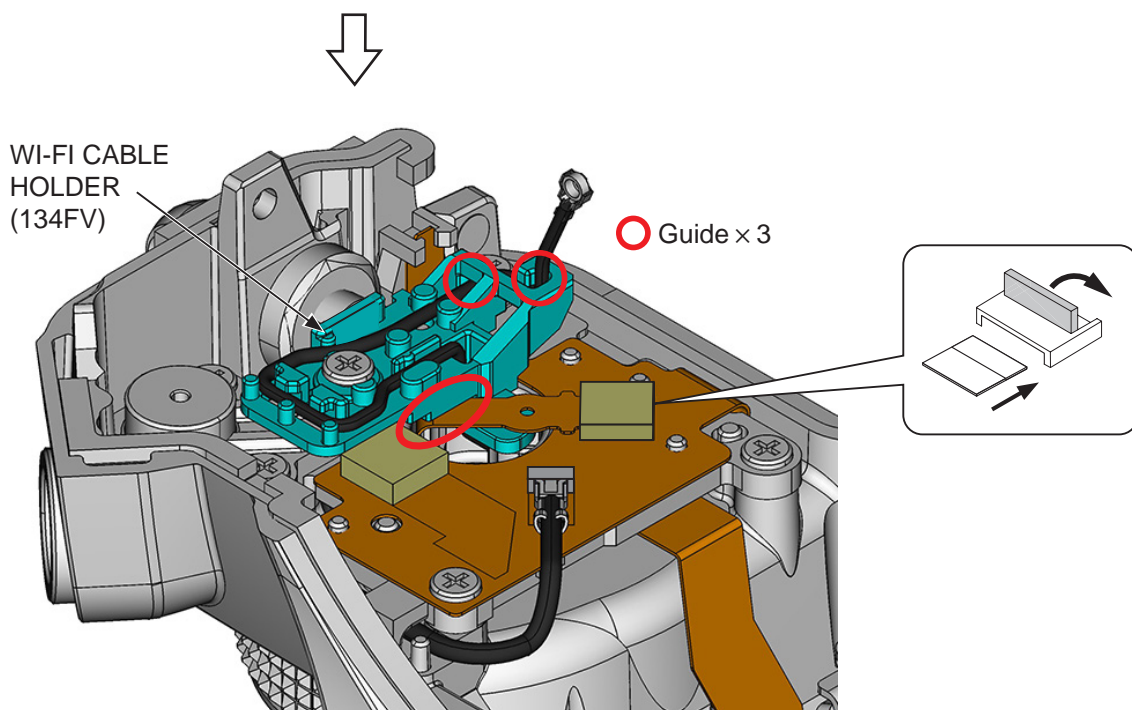
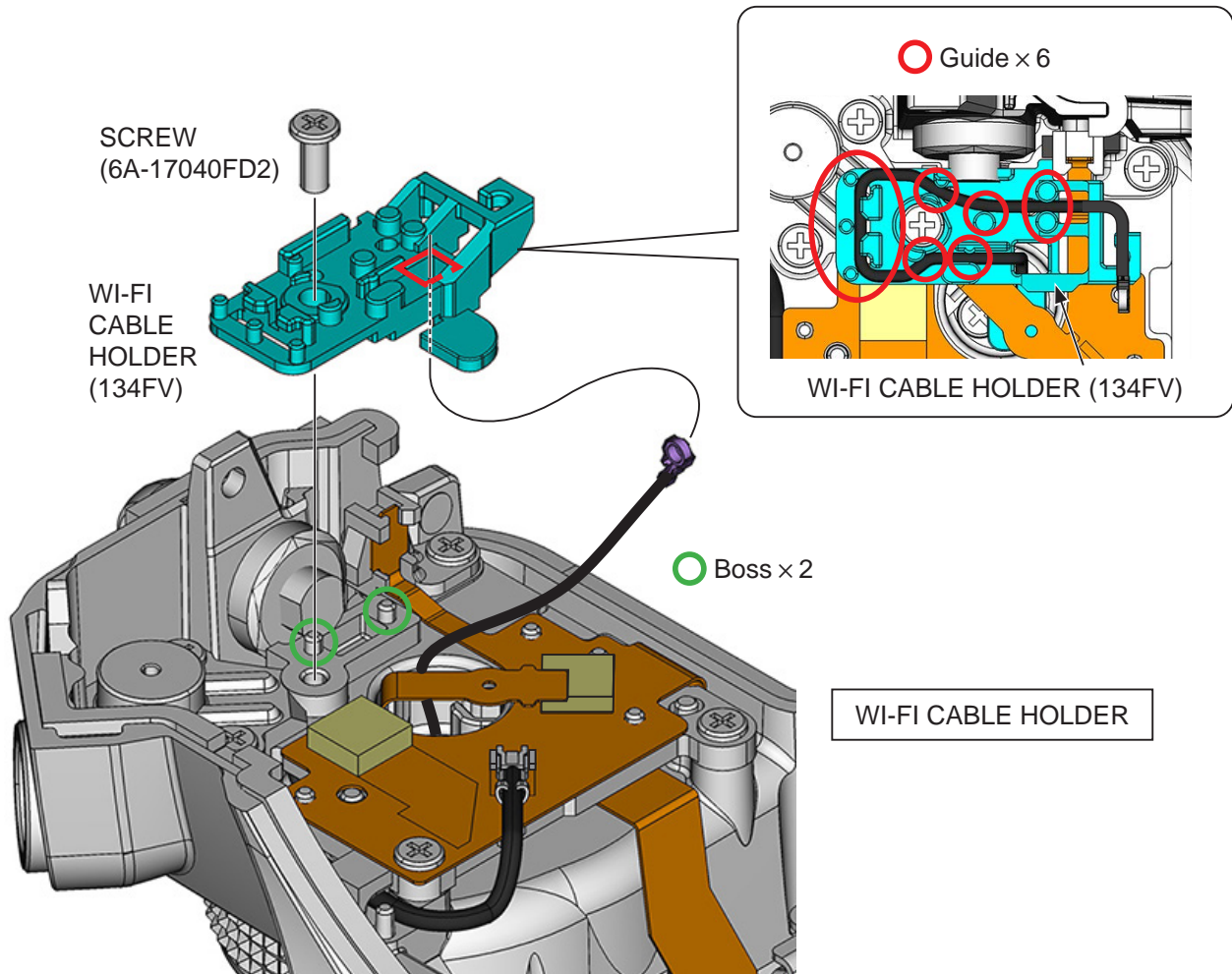




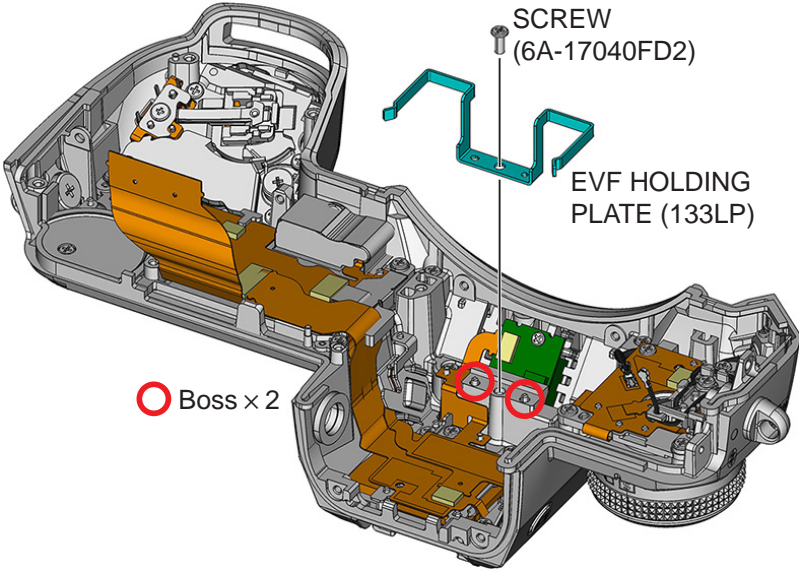
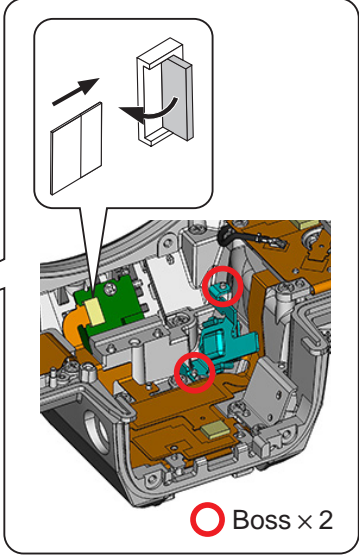
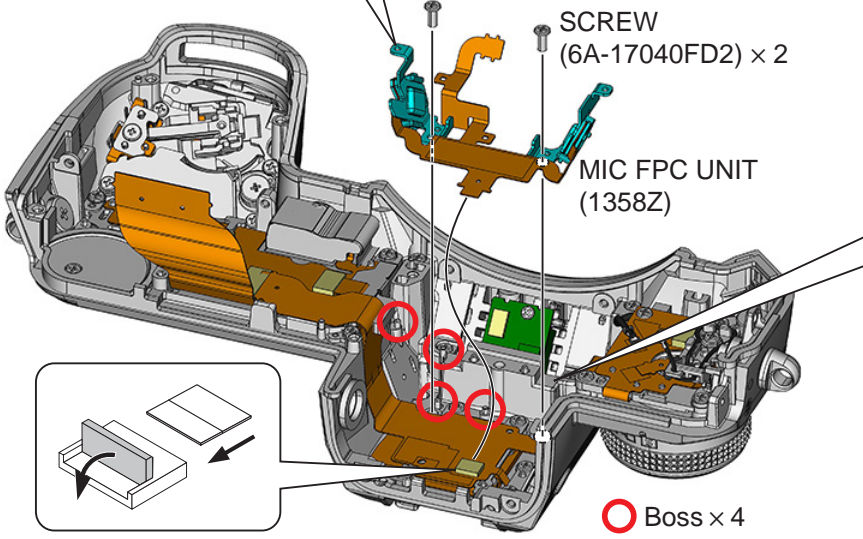
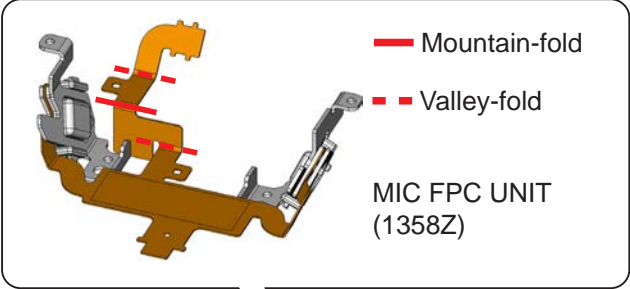
FOUR LEAF BUTTON UNIT



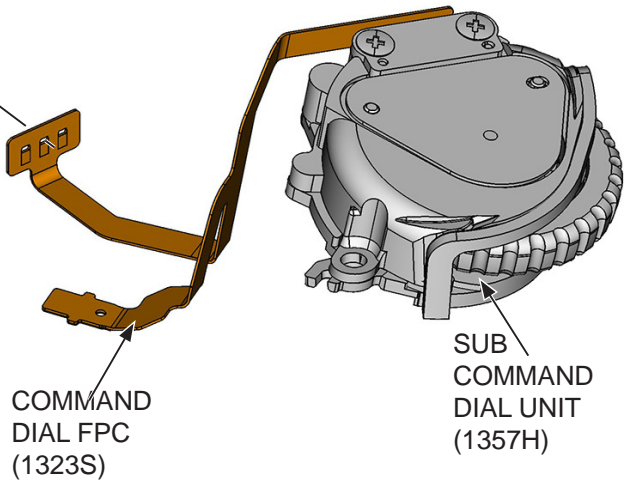
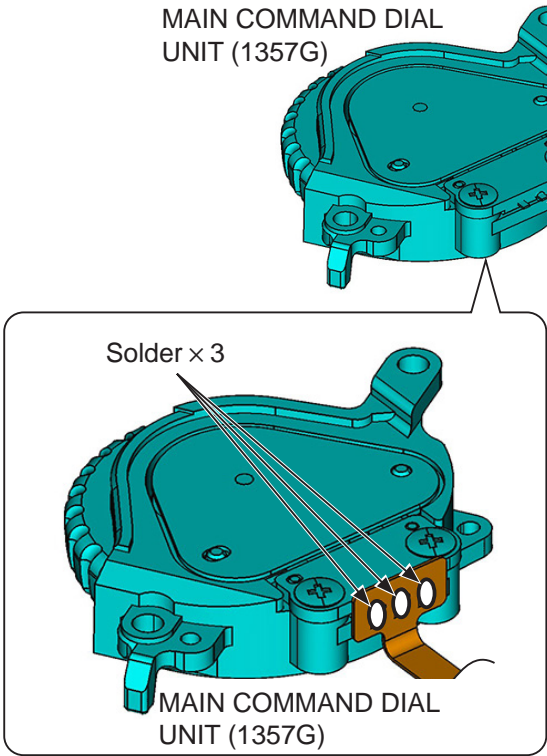
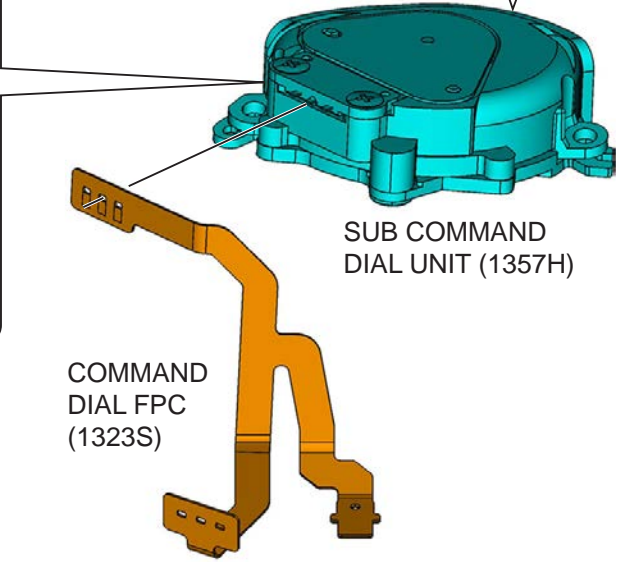
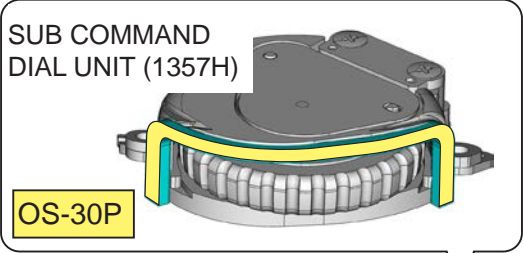
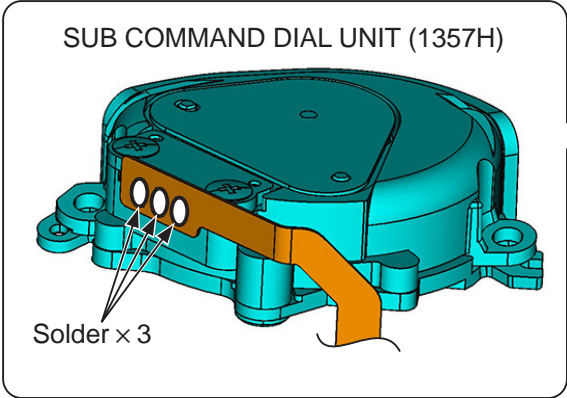


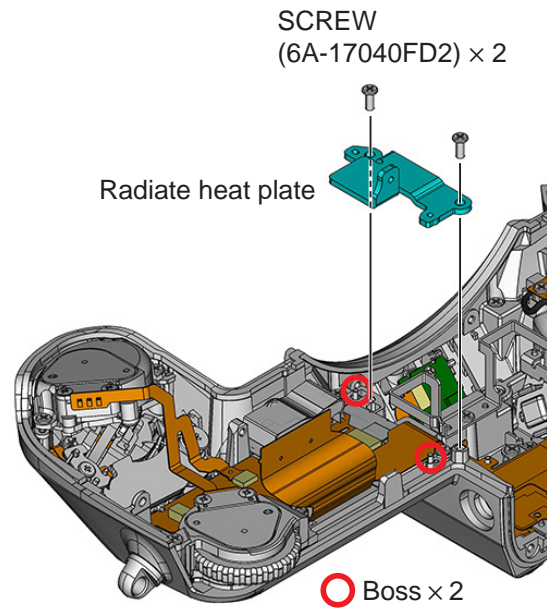
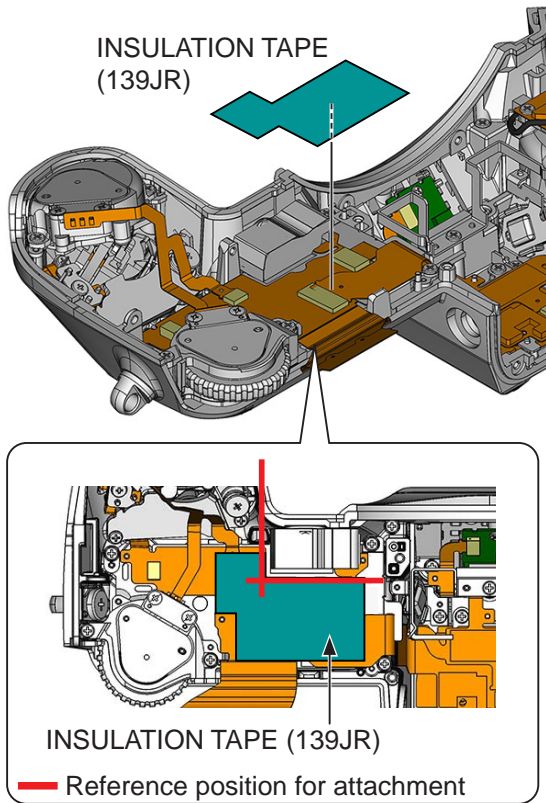
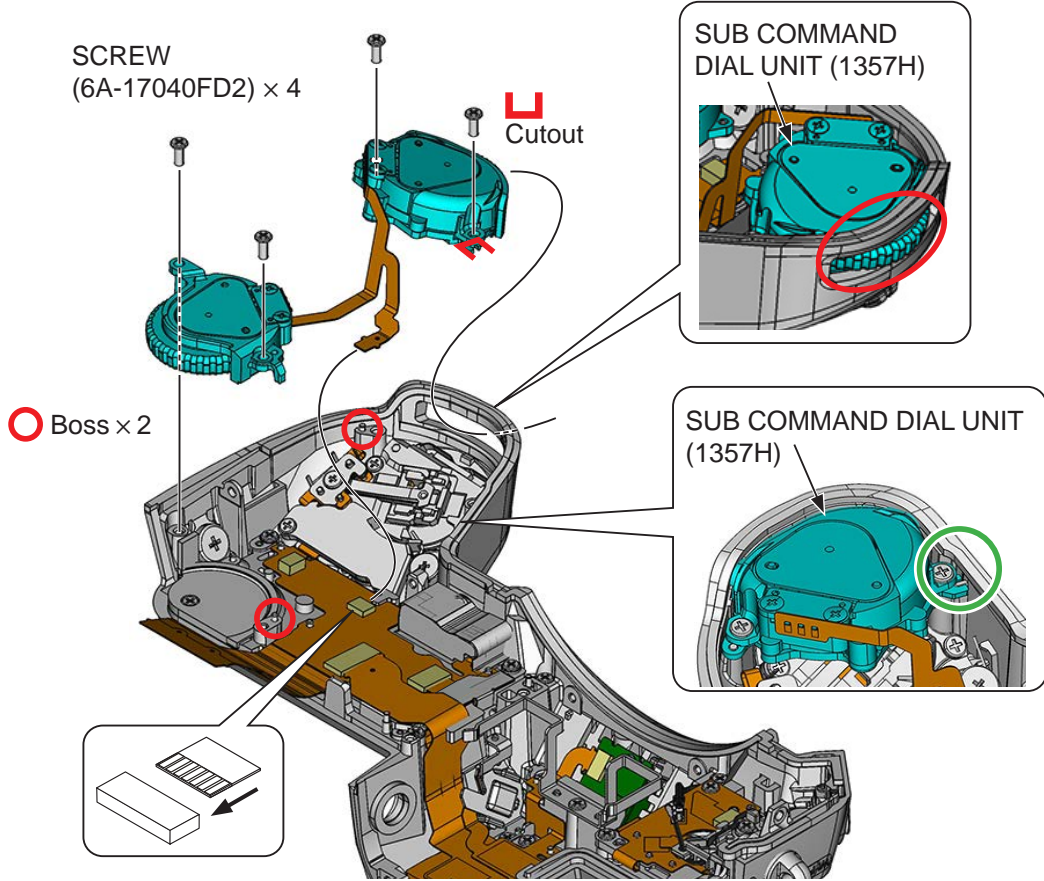


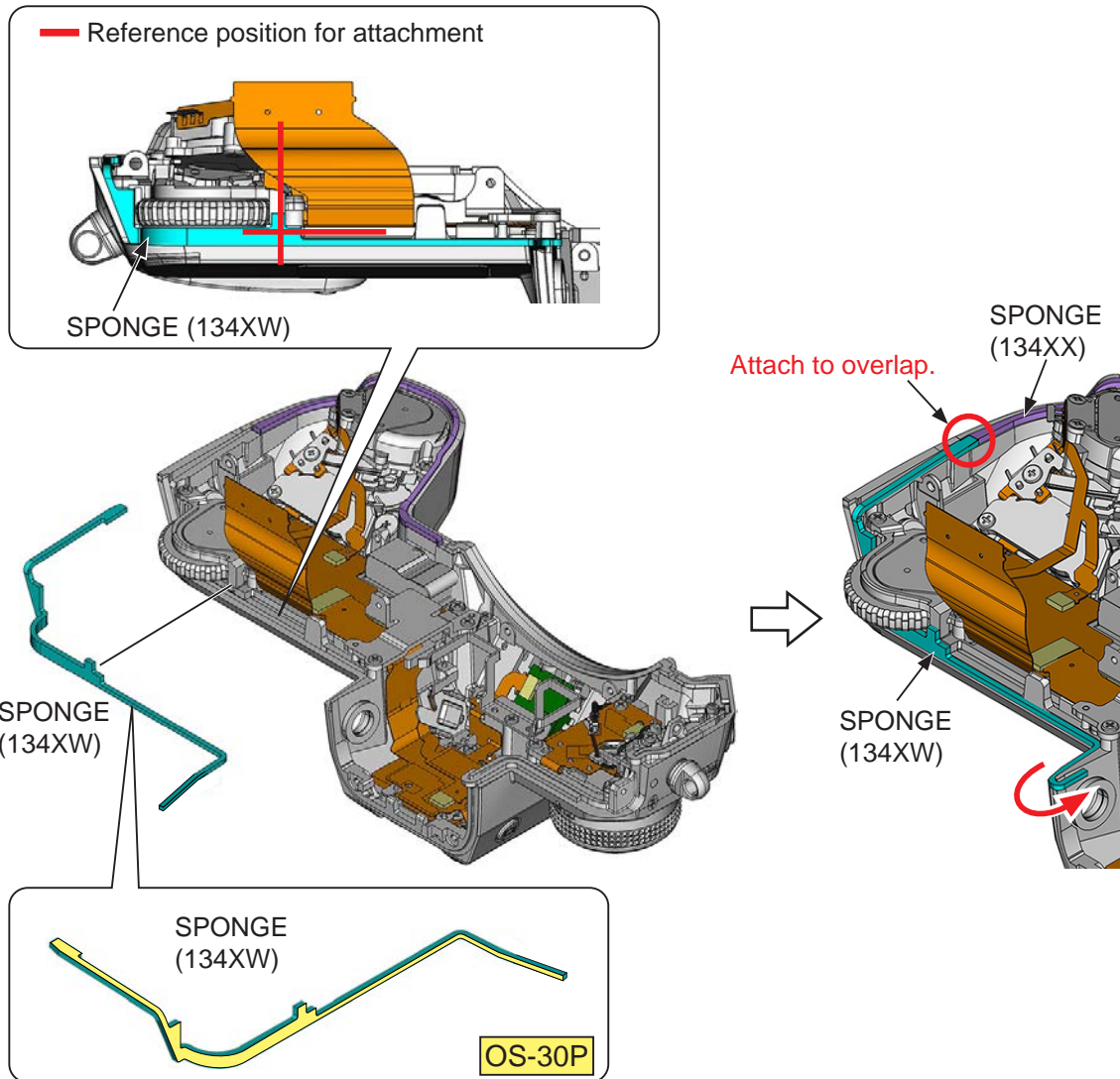
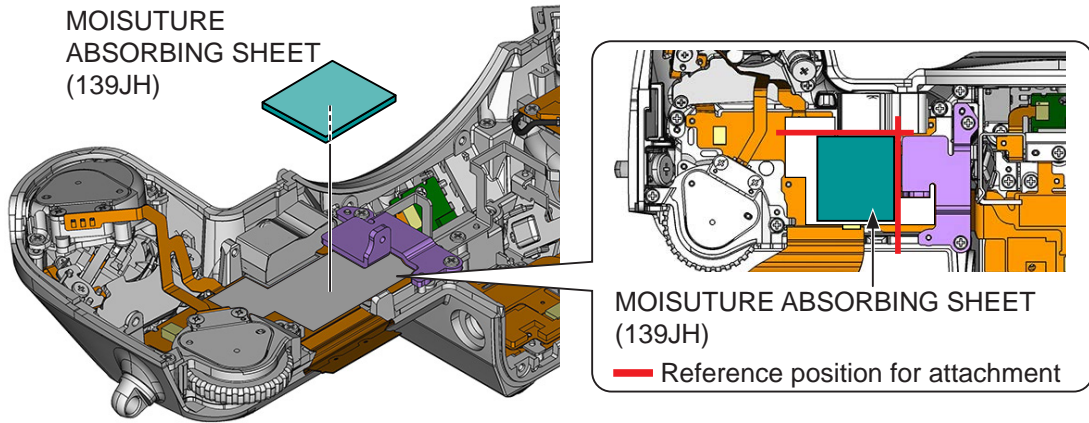
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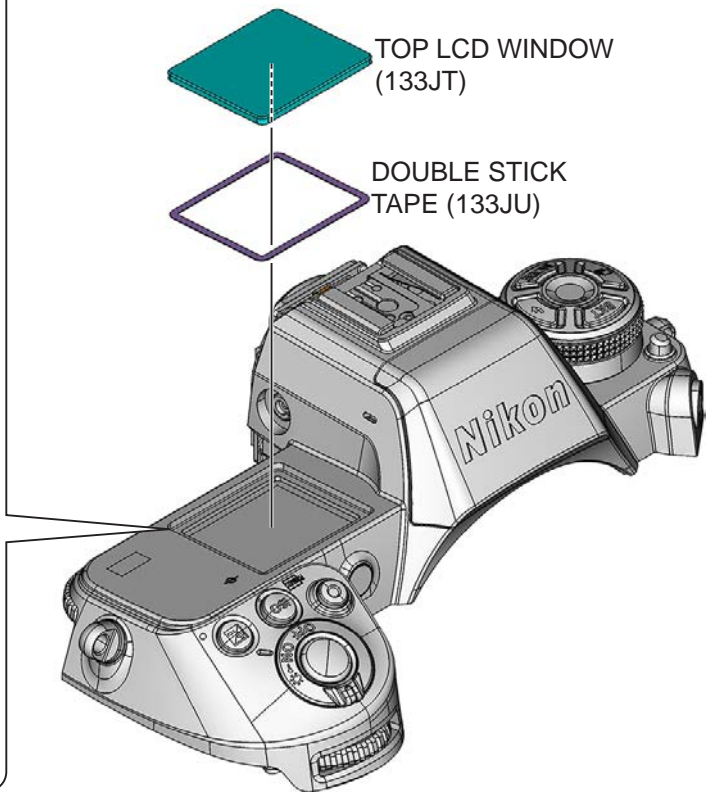
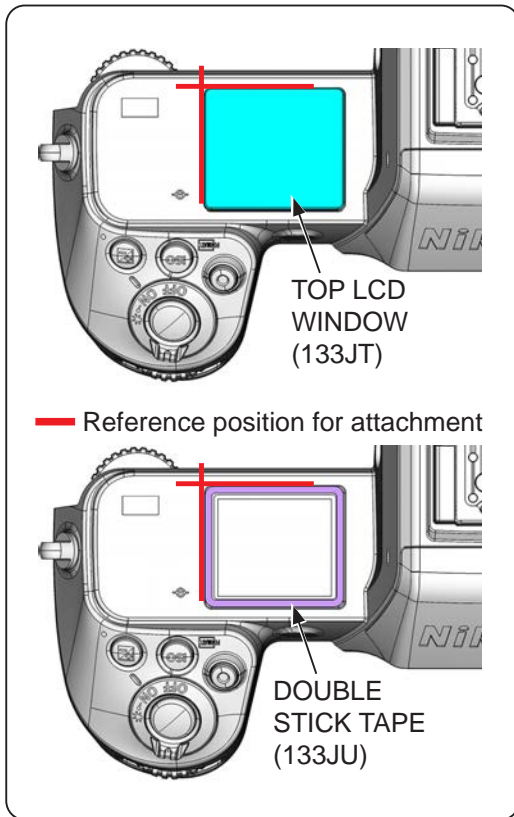


COMMAND DIAL UNIT



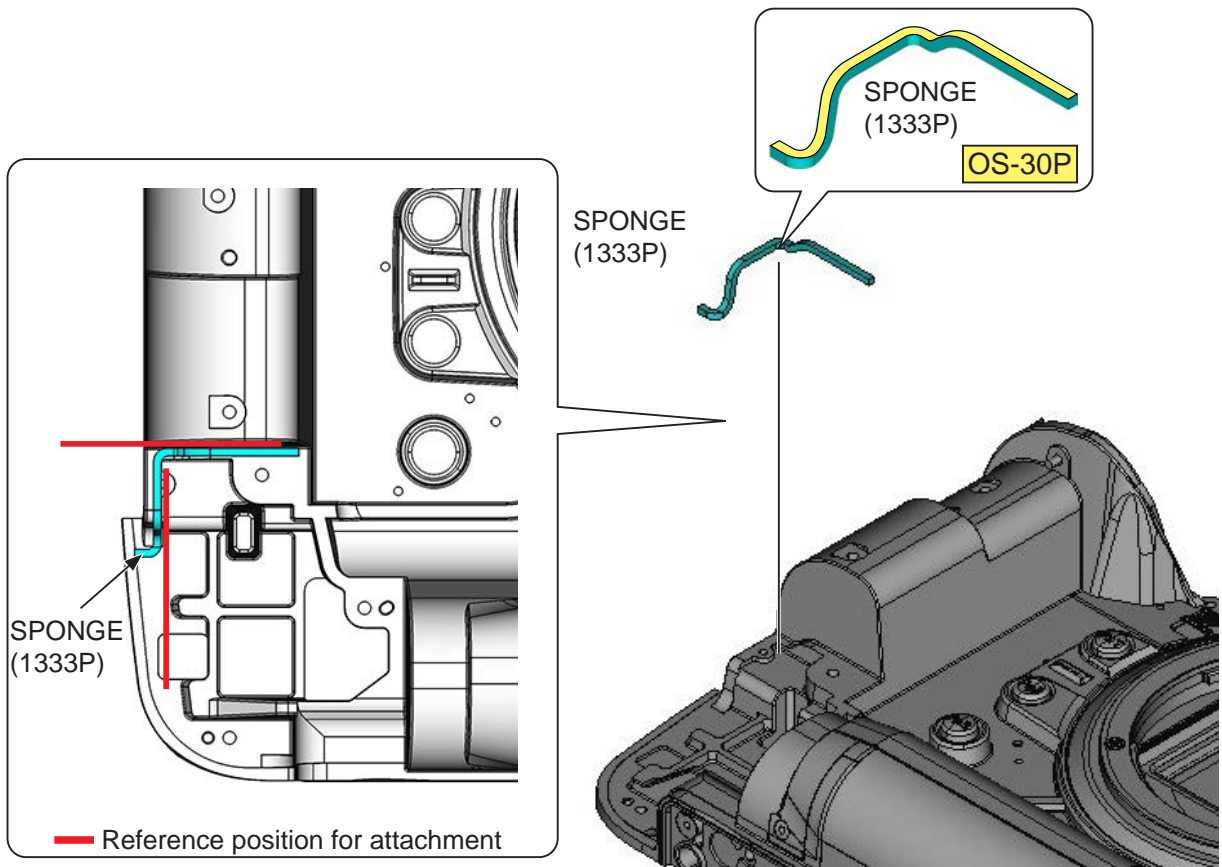
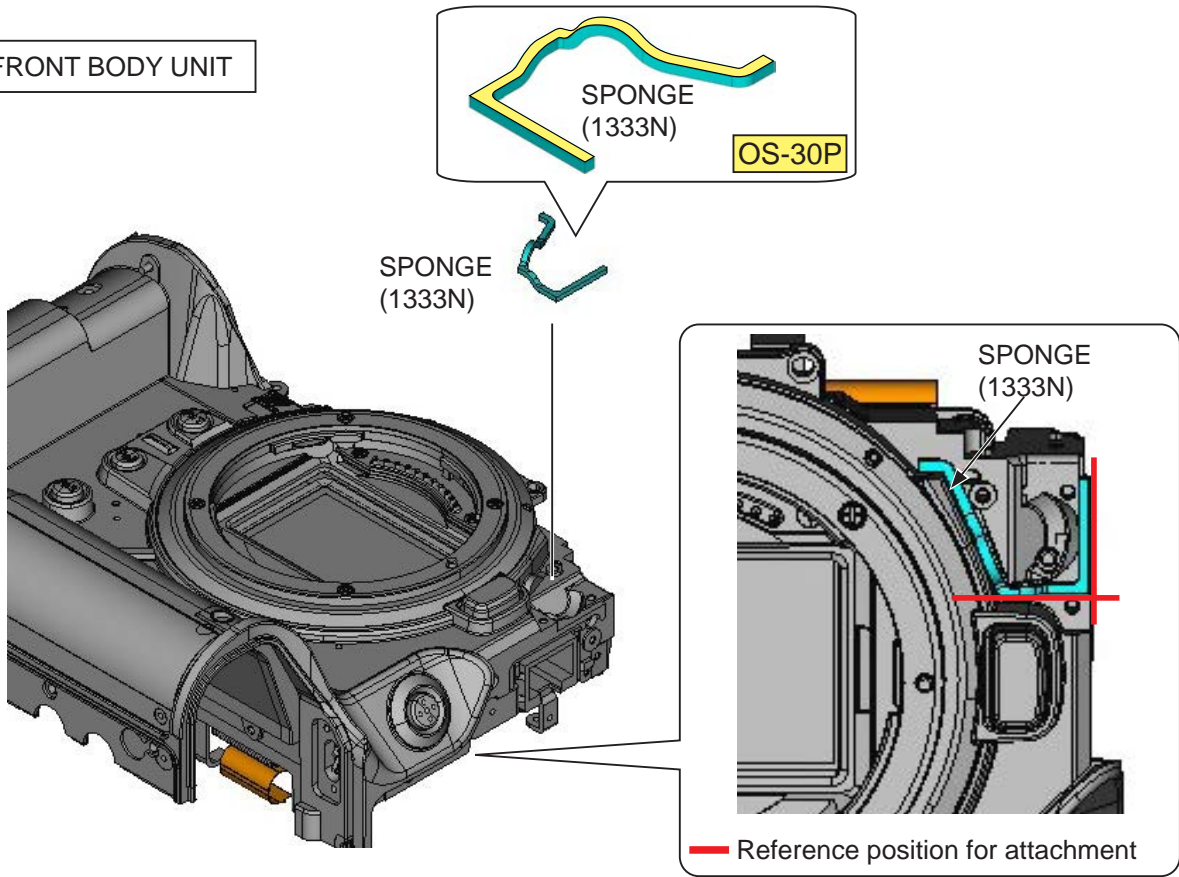


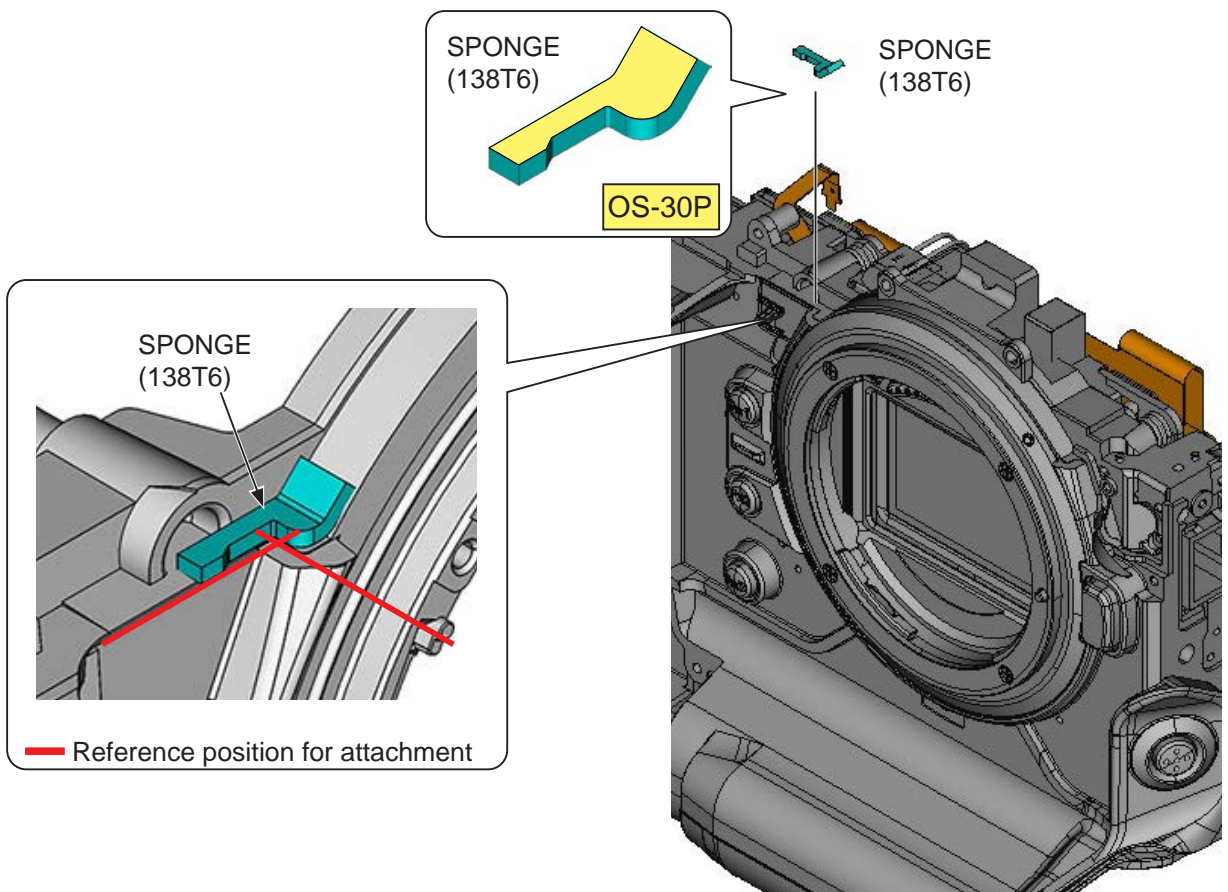
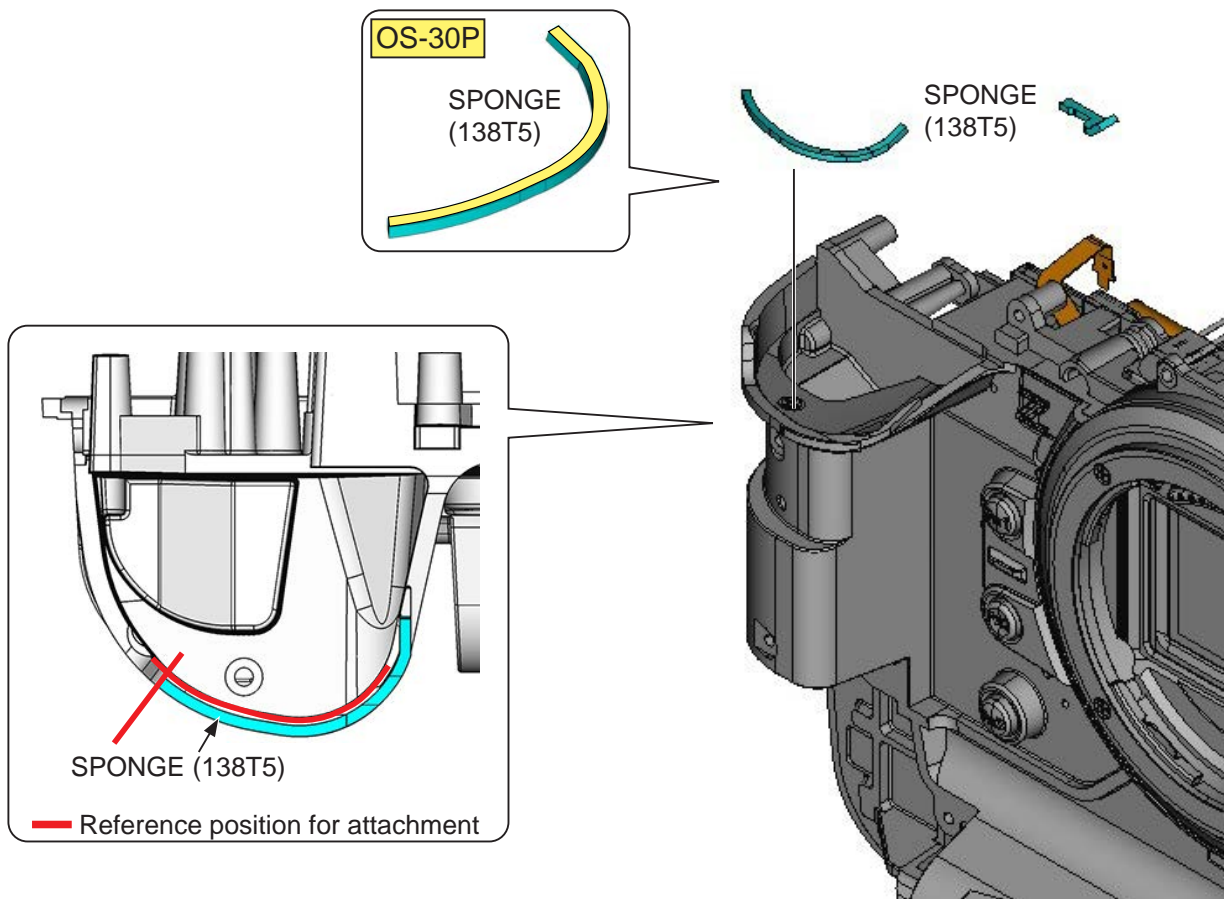


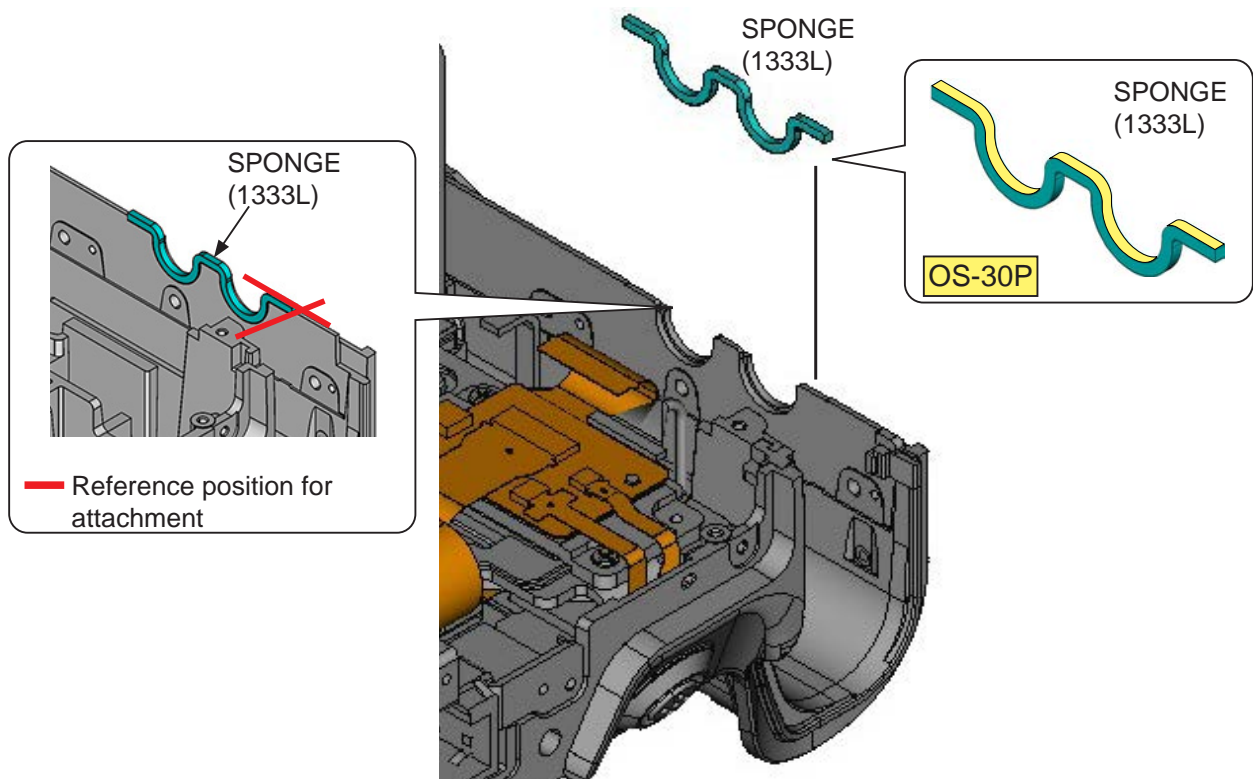
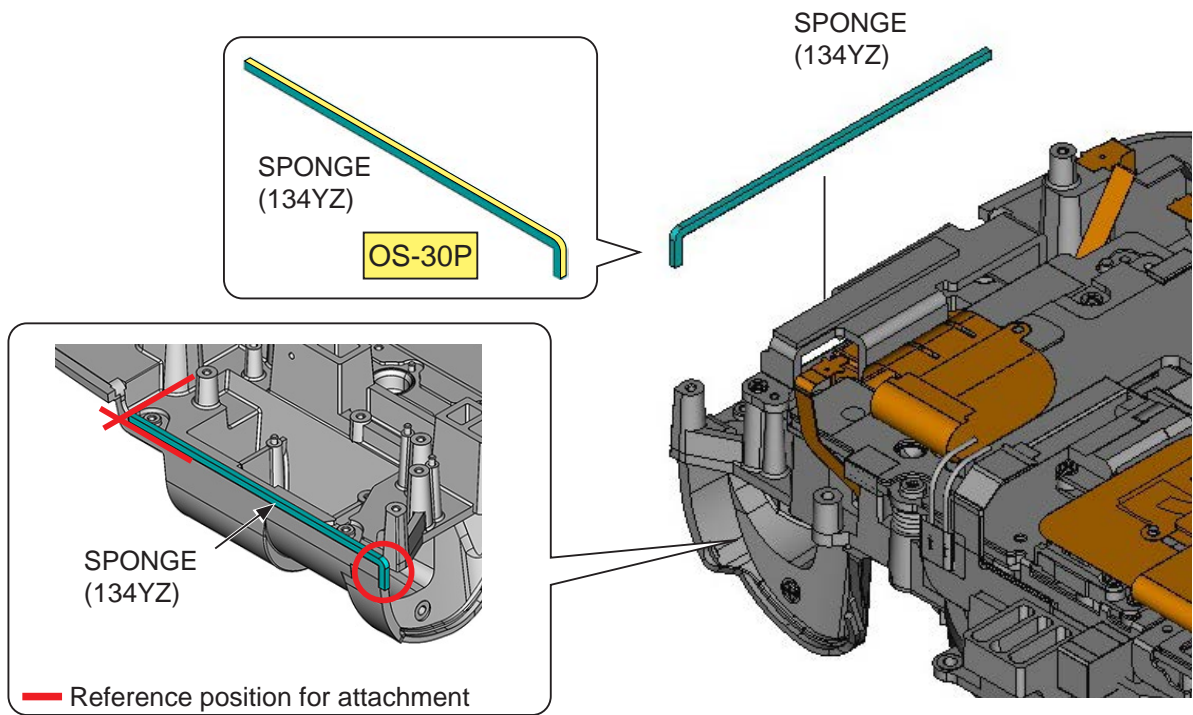


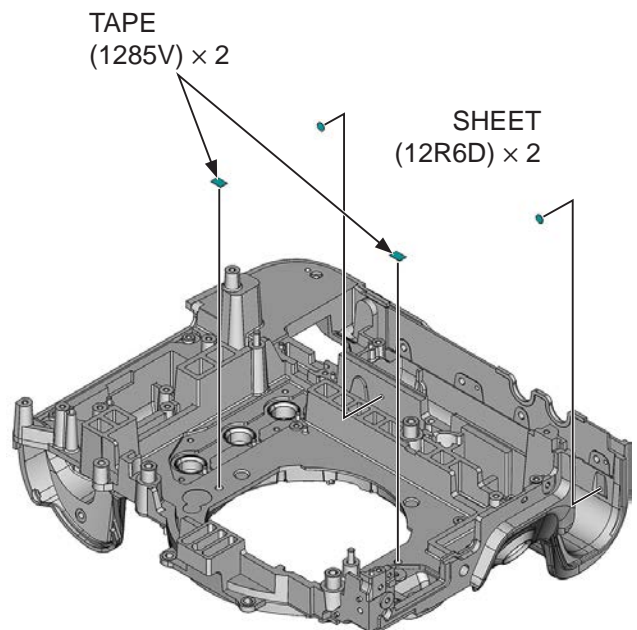
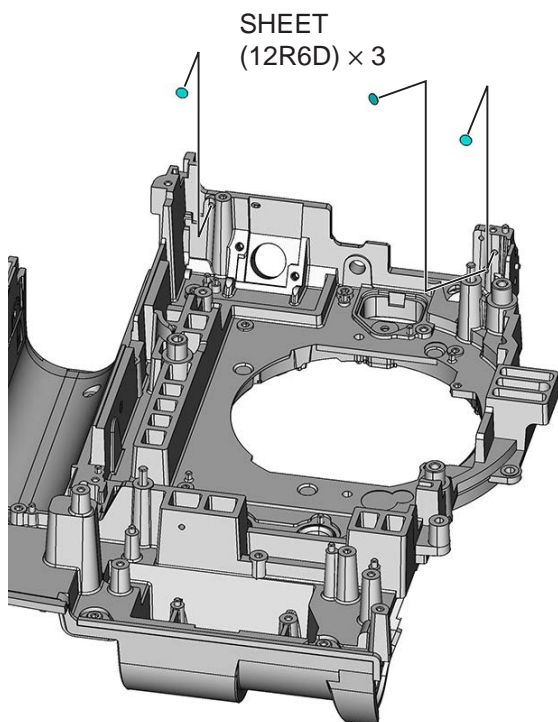
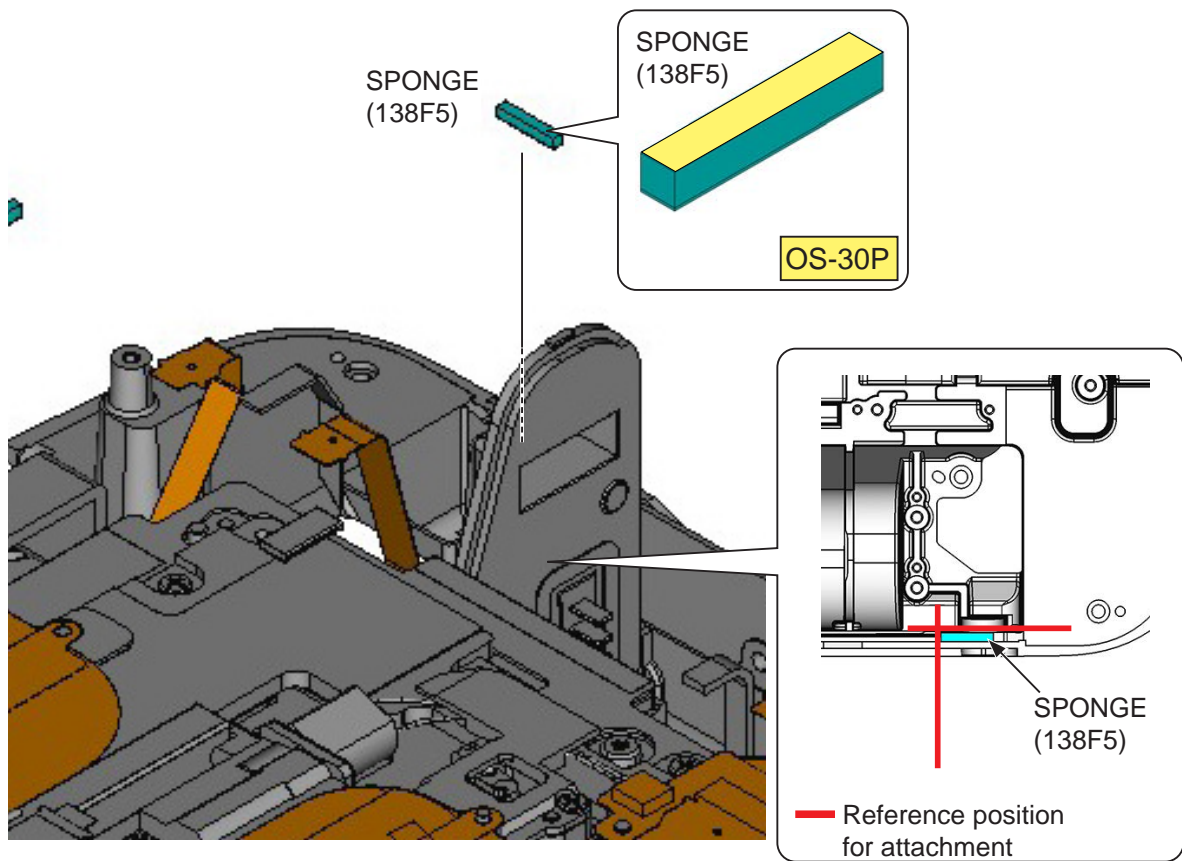
4. Front body

FRONT BODY UNIT

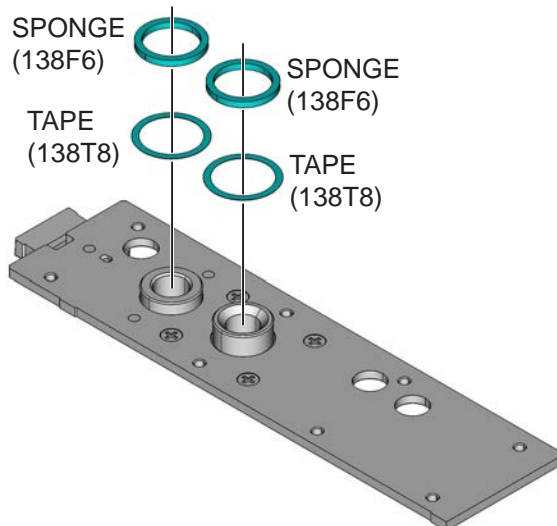
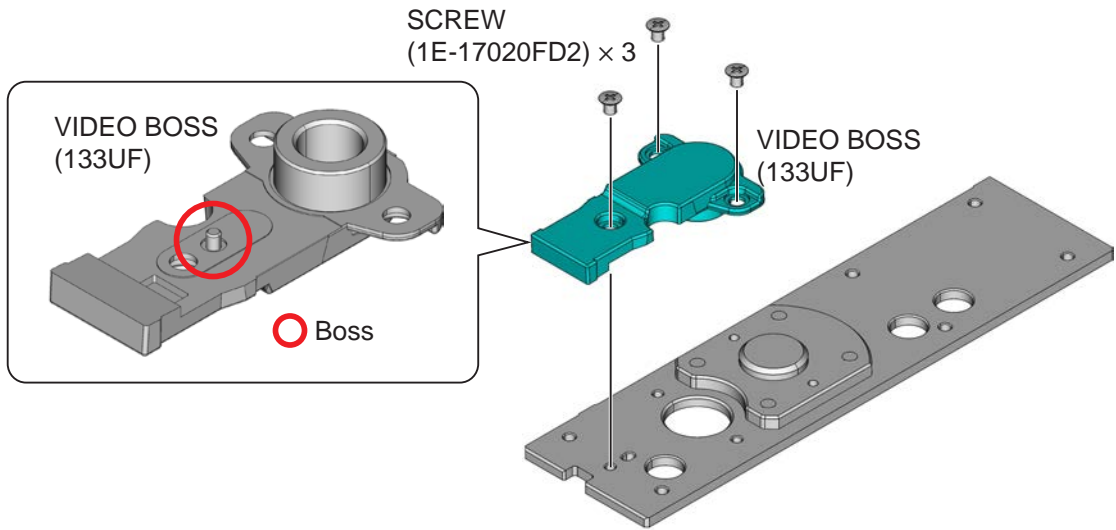
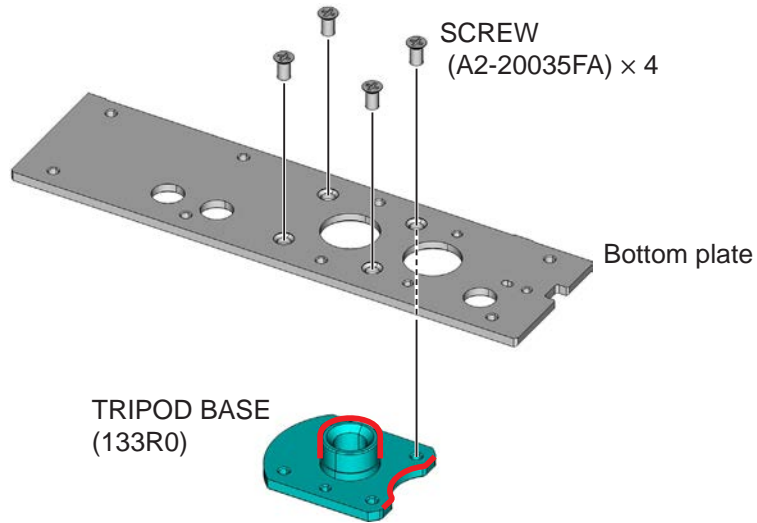


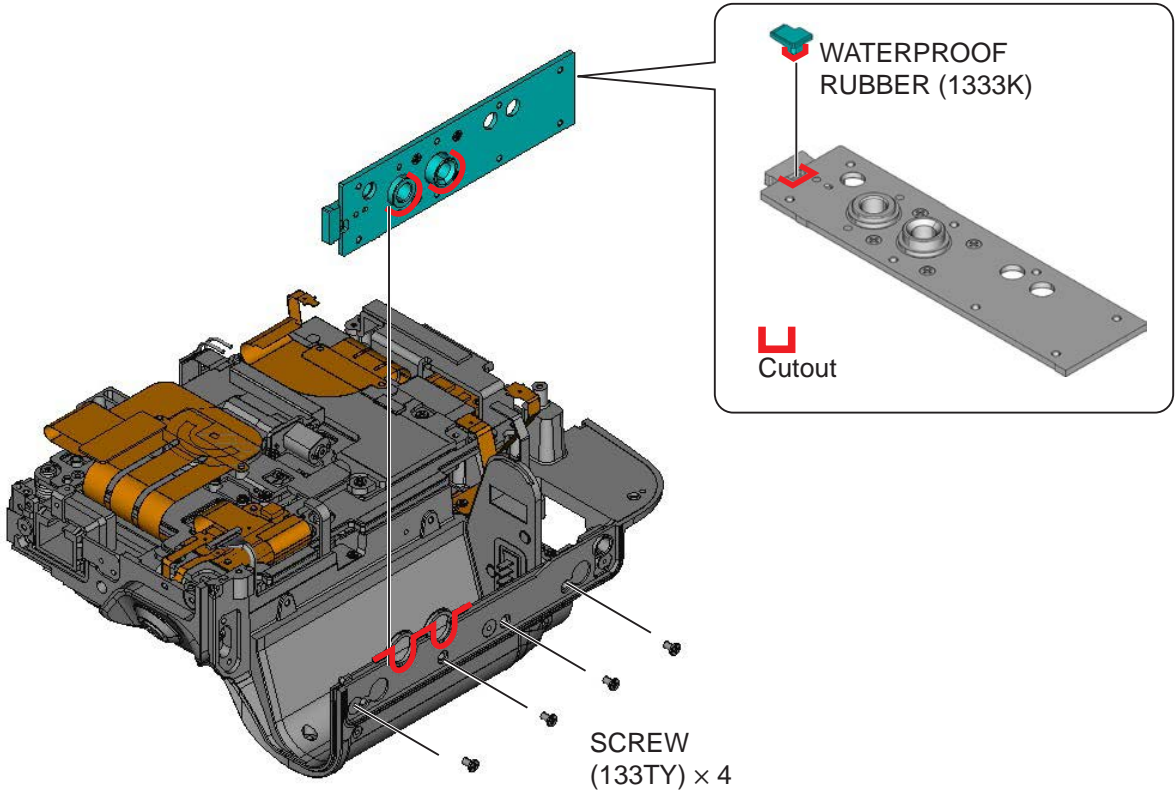


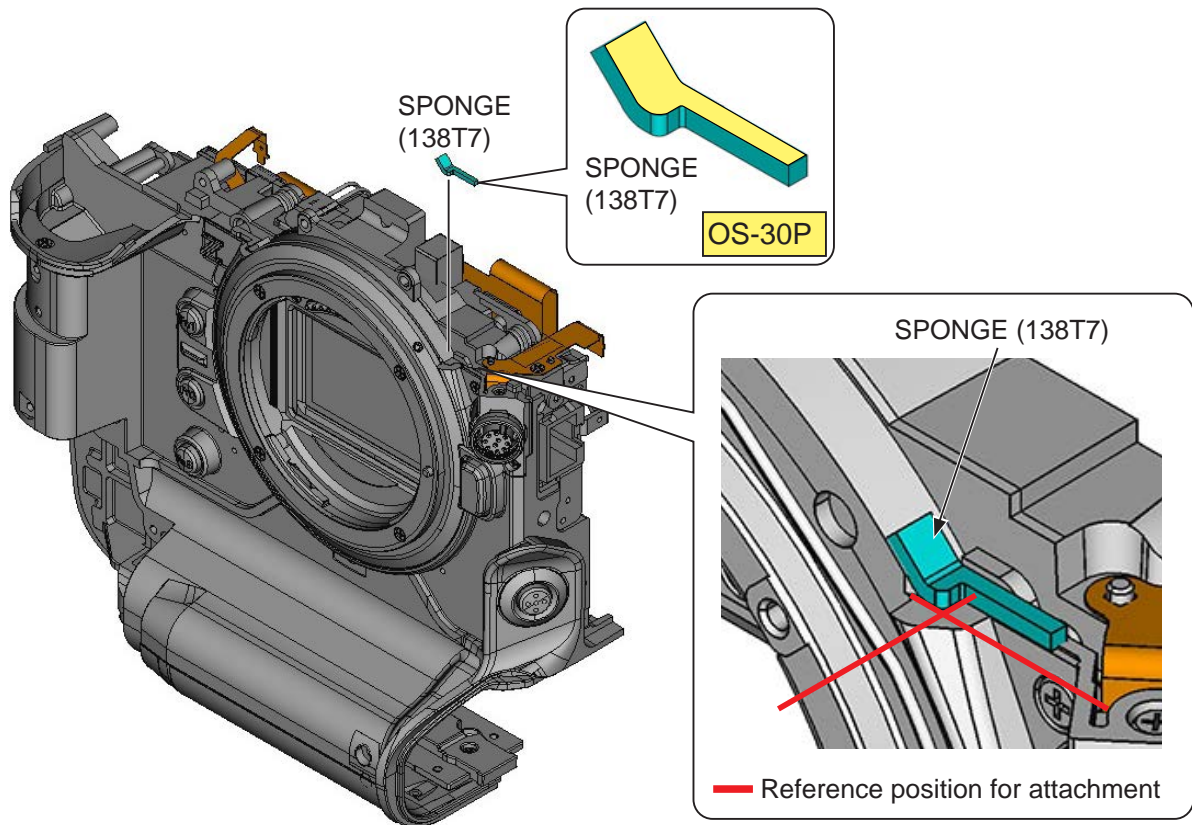
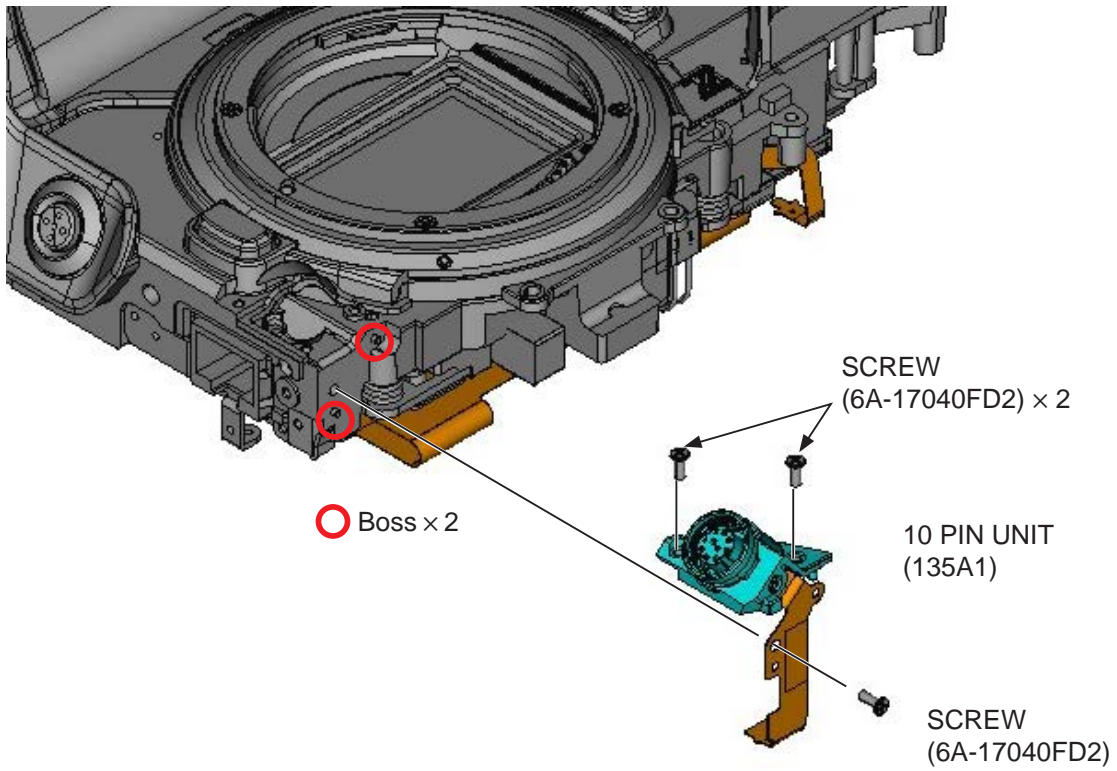




TRIPOD BASE

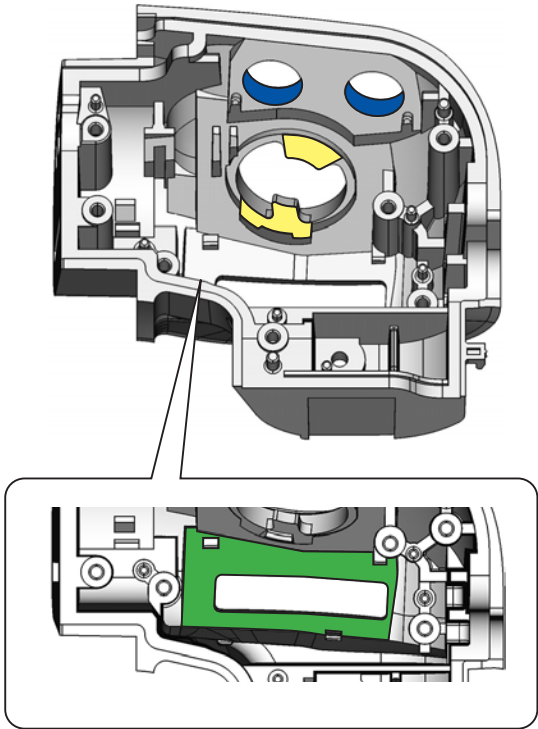




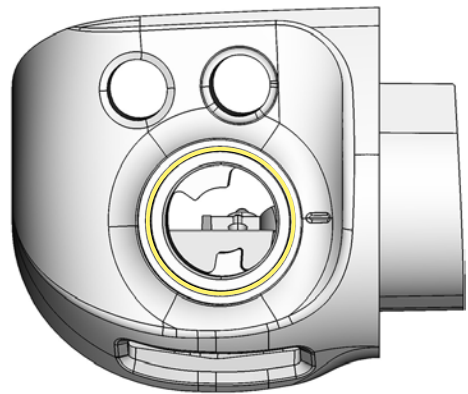


V-POSITION SUB COMMAND DIAL UNIT

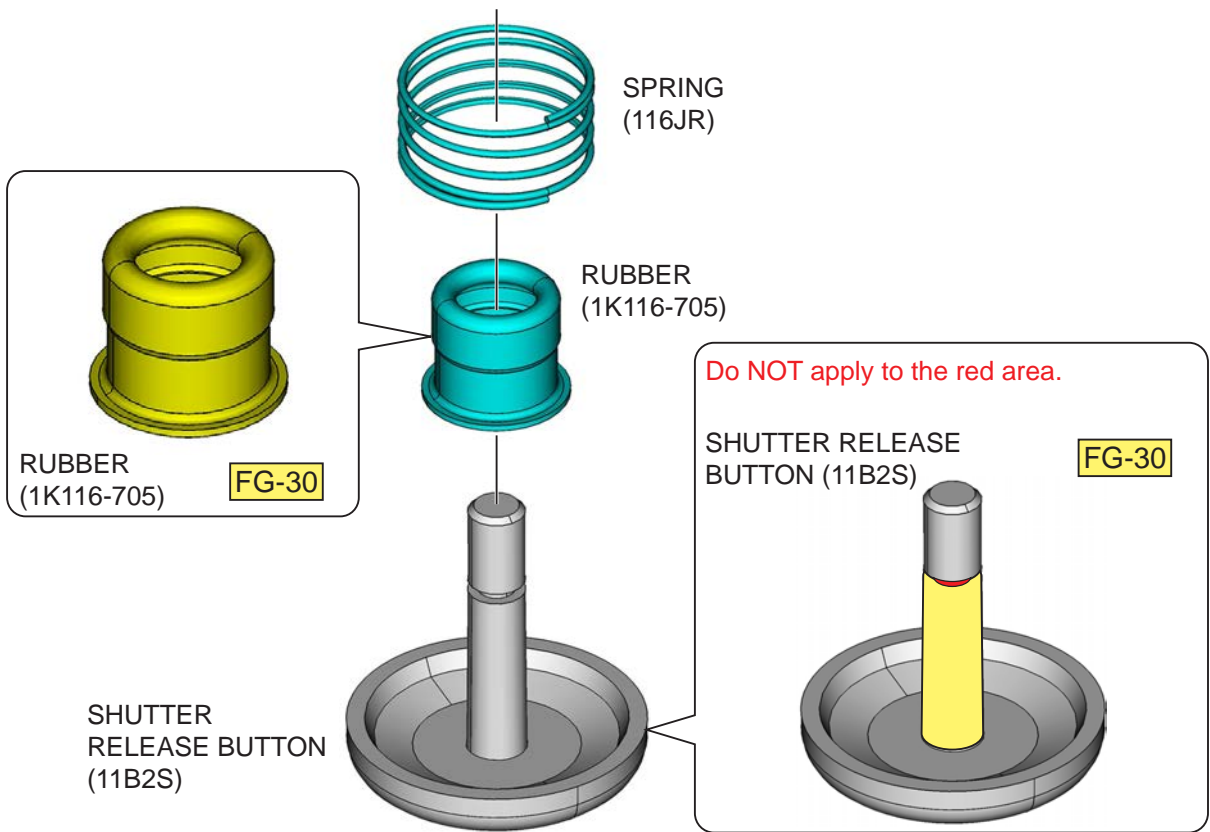
V-POSITION RELEASE COVER
(133SU)

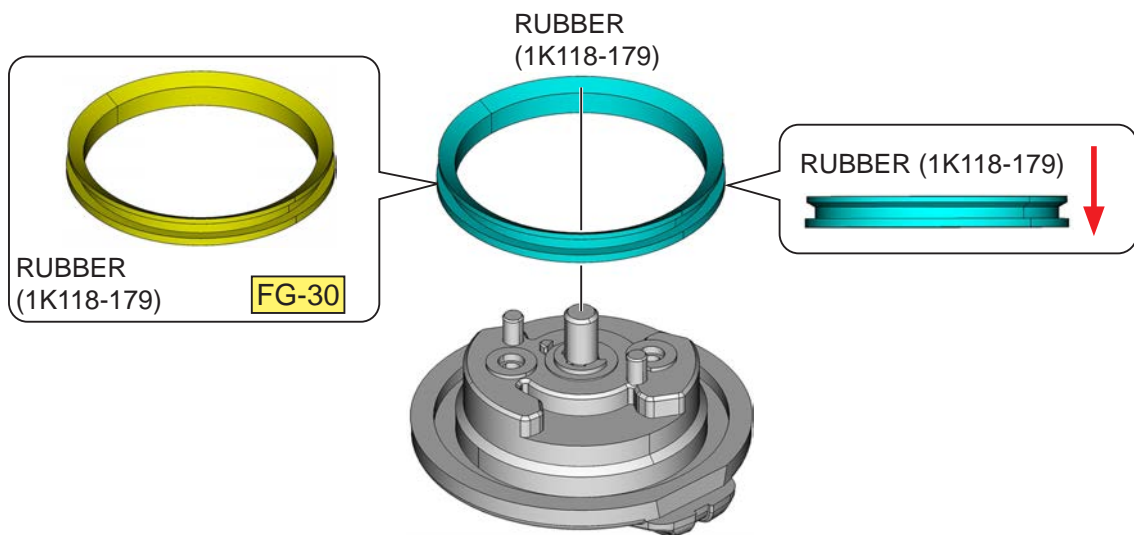
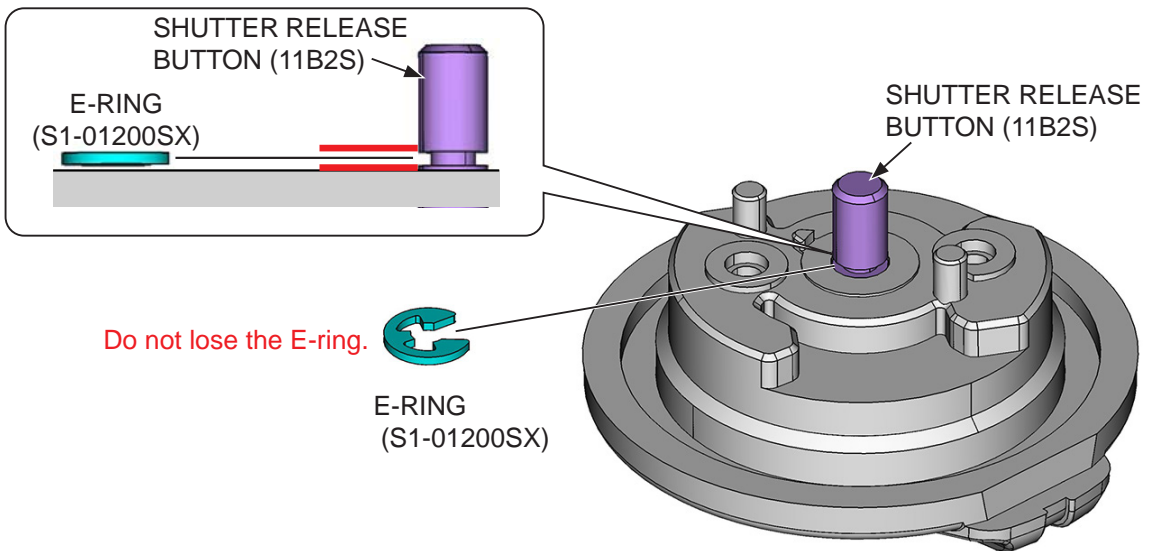
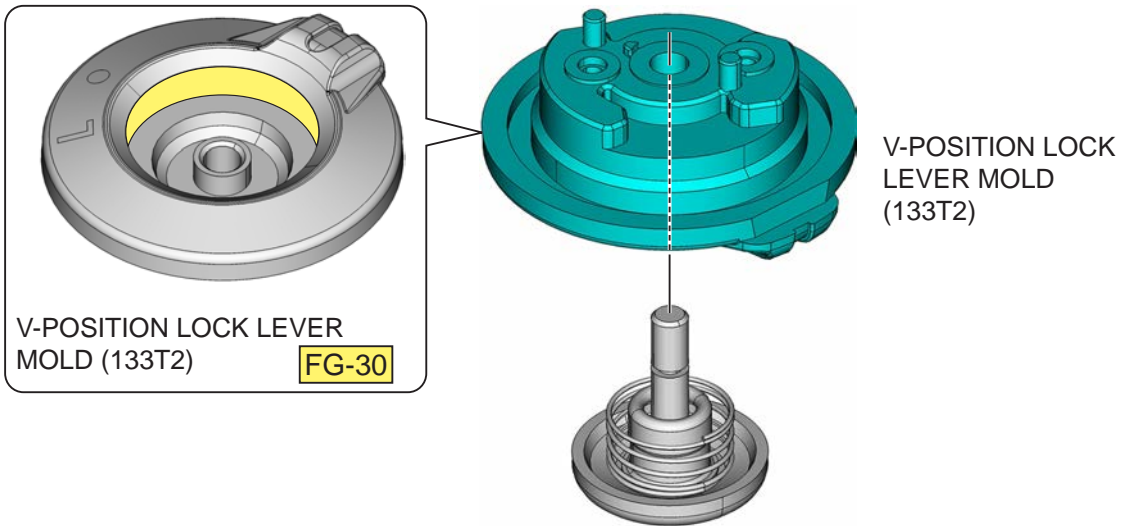


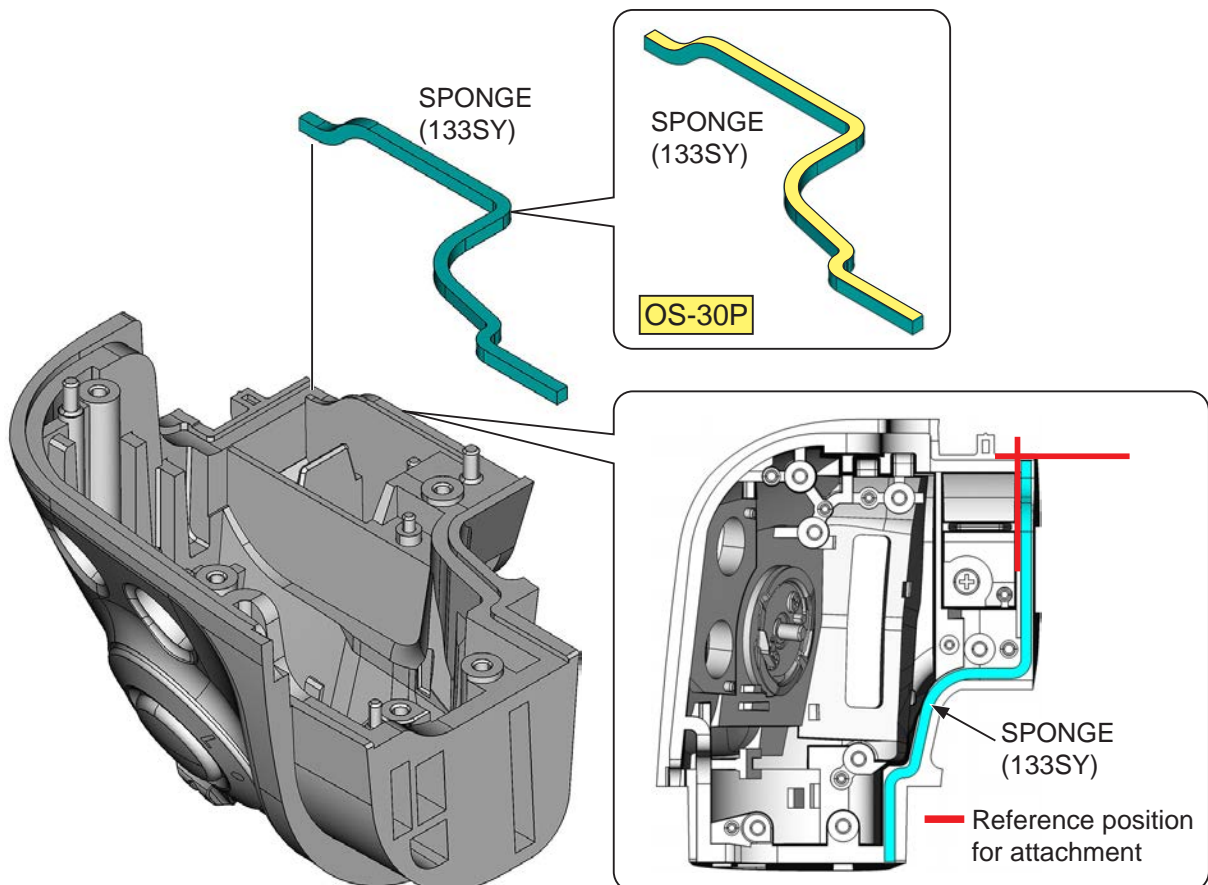
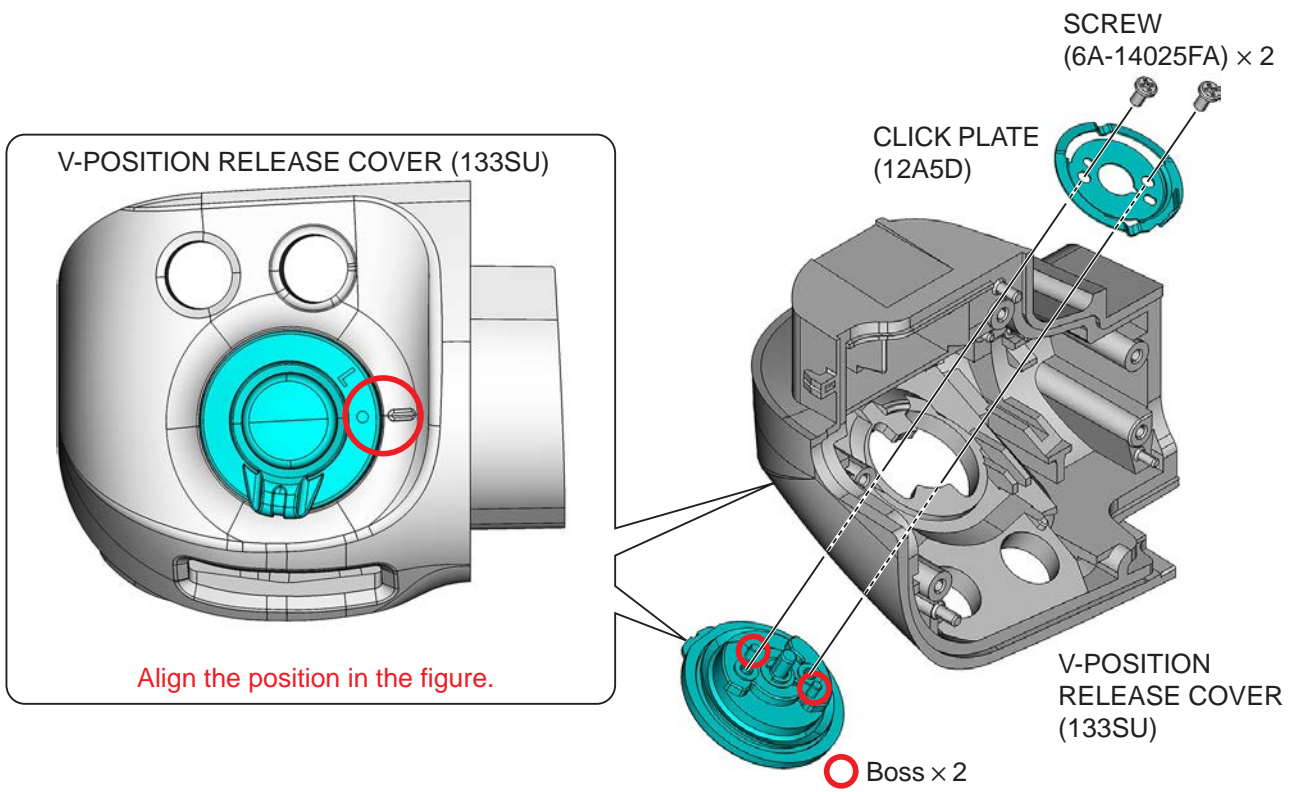
V-POSITION RELEASE COVER
(133SU)

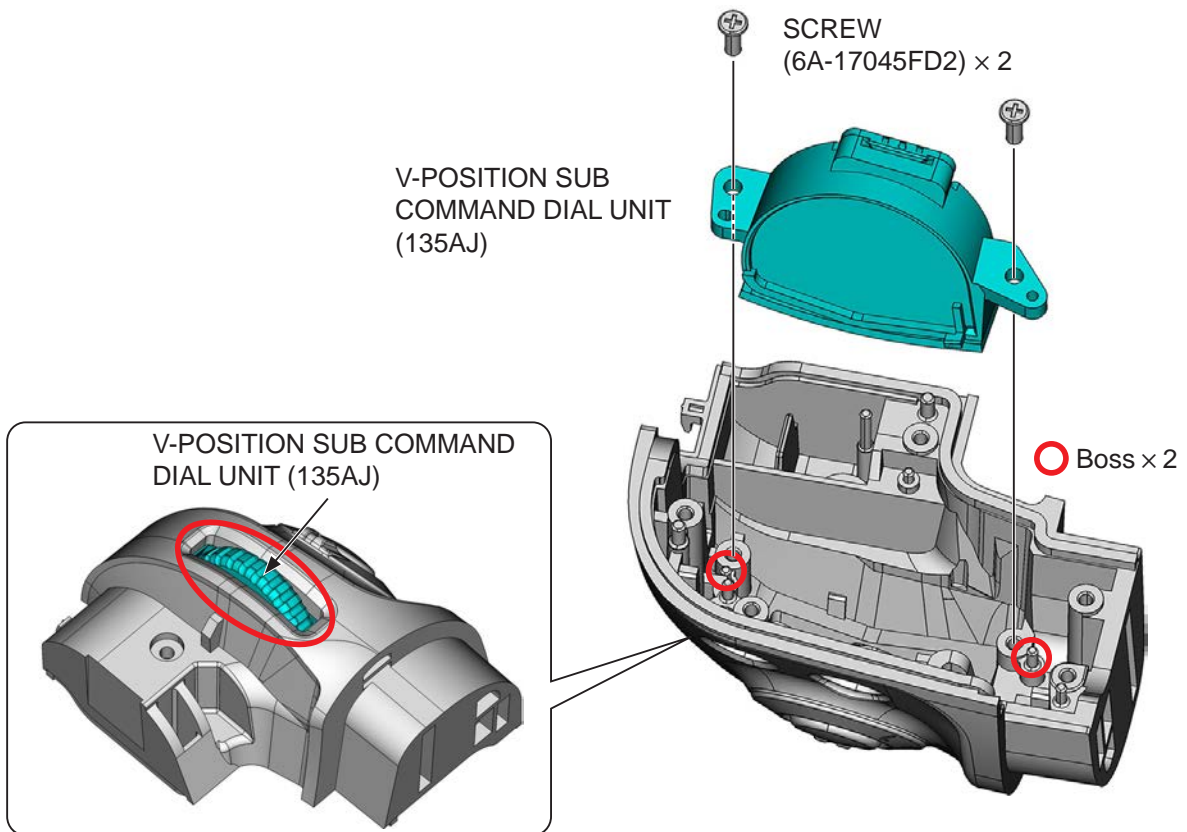
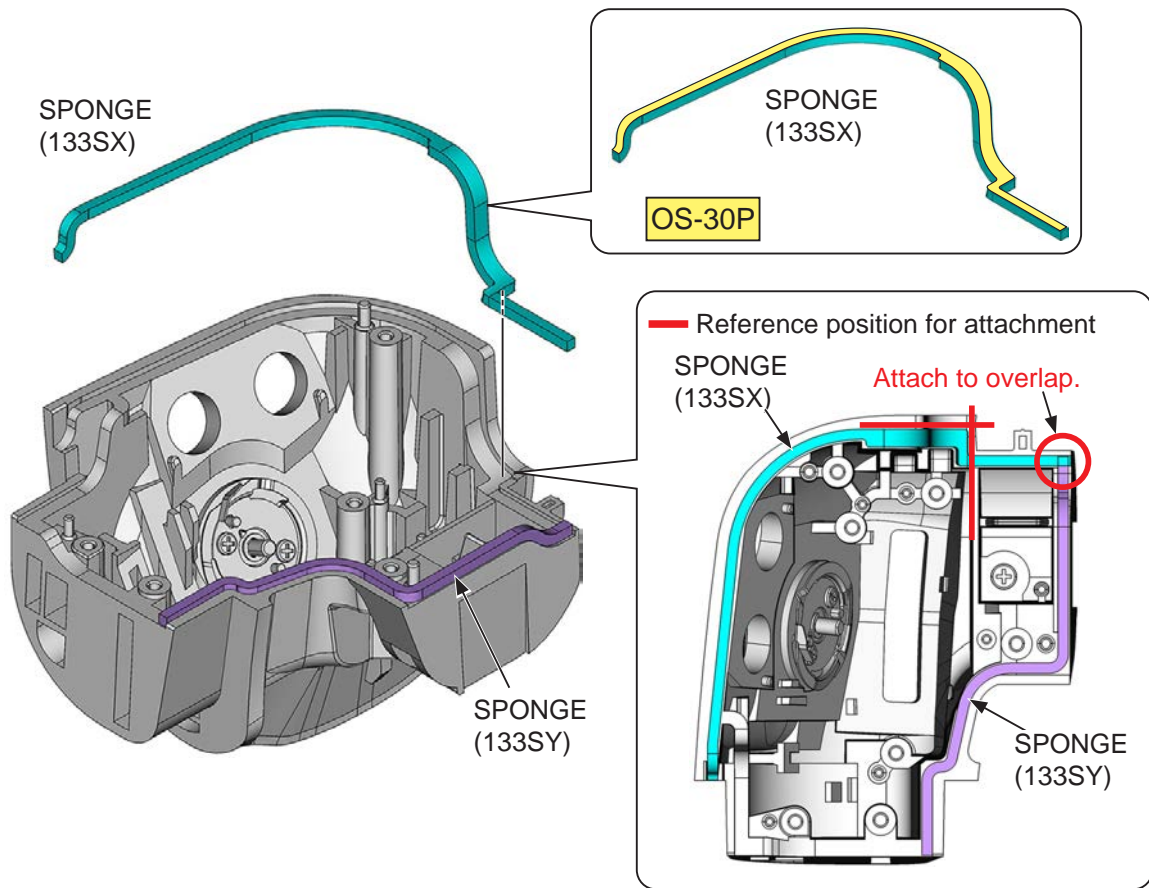


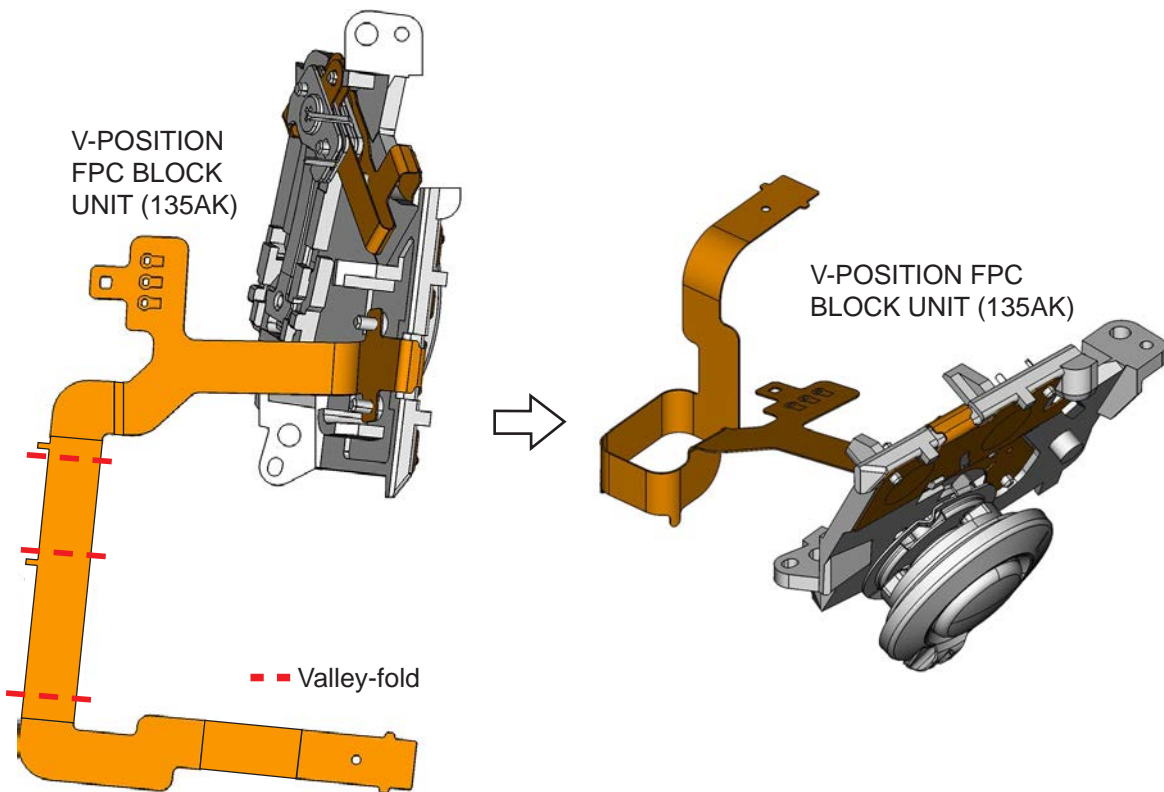
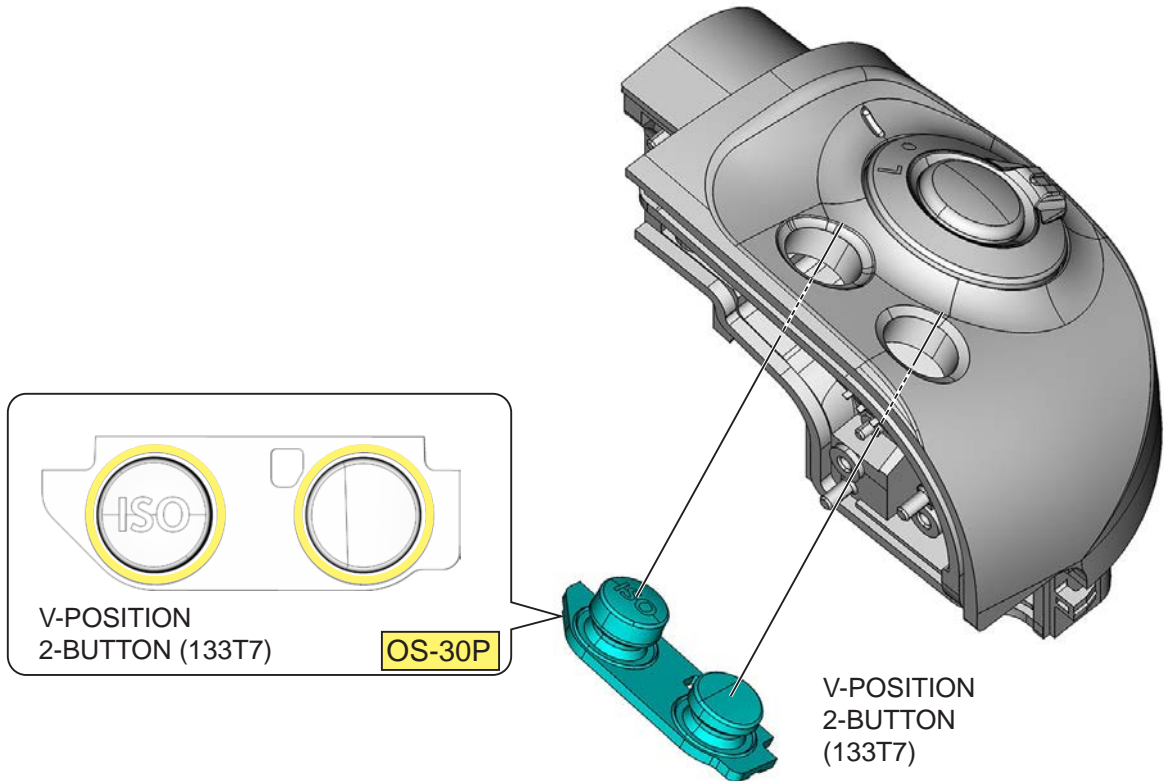
- FG-30 area
- OS-30P area
- DN-C3HN area

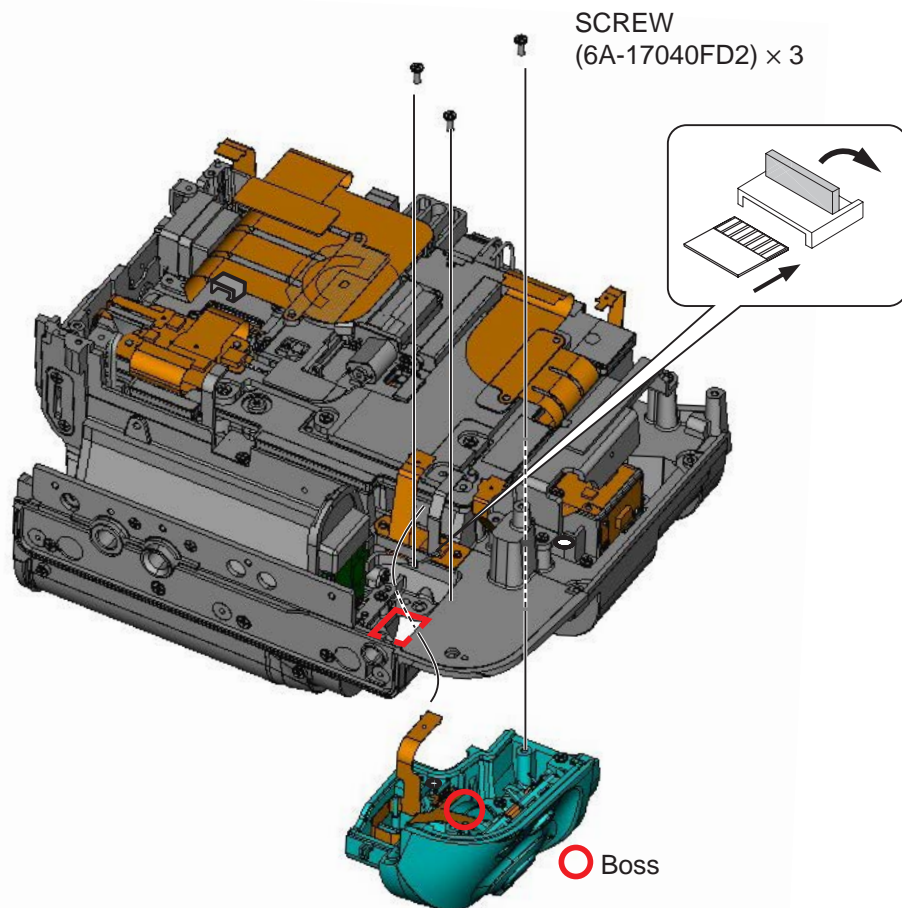
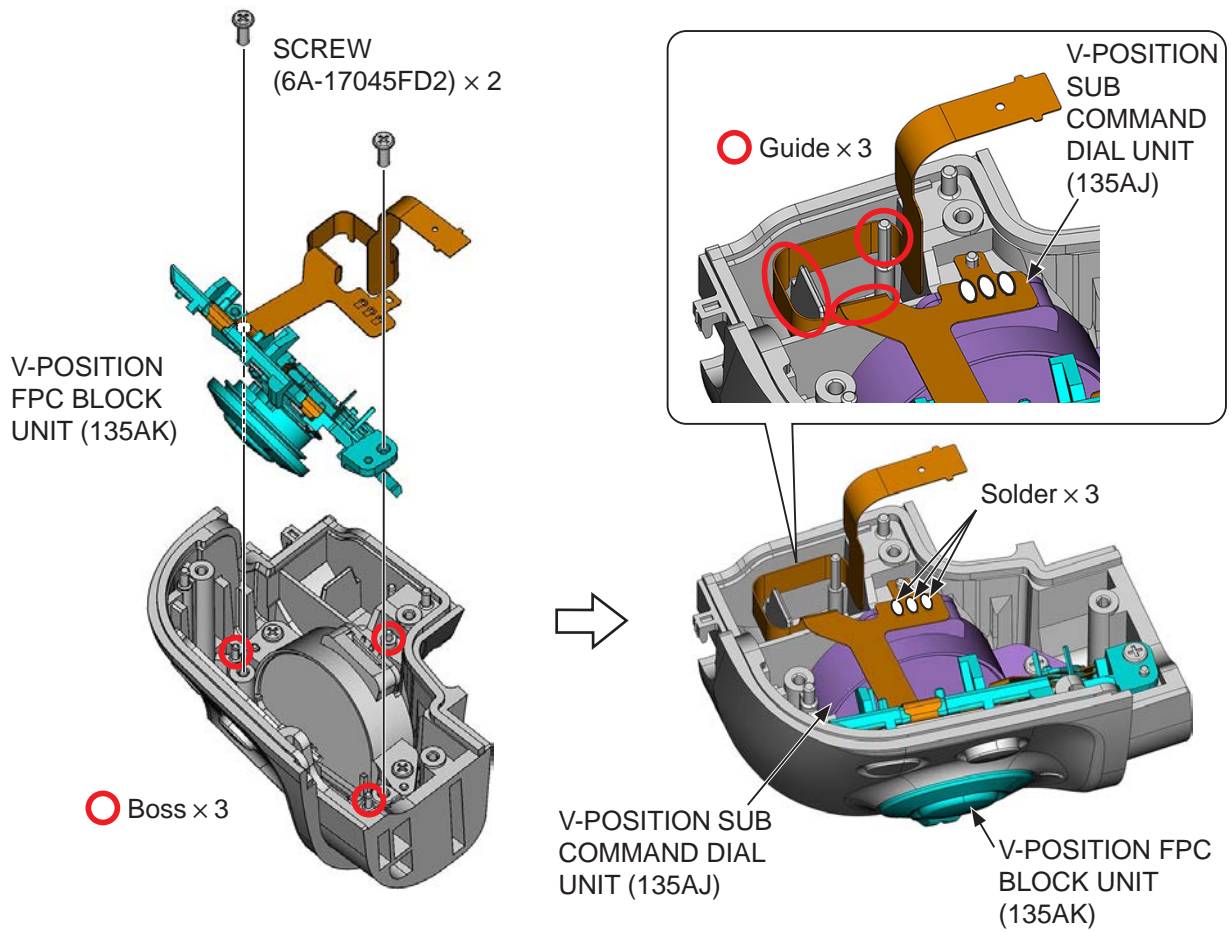






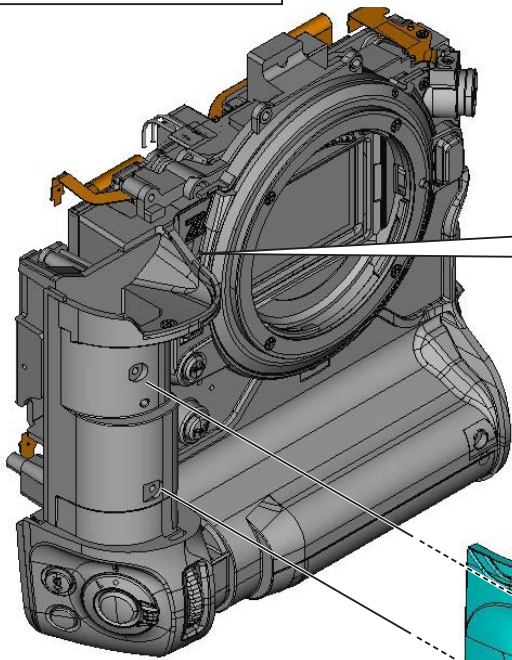




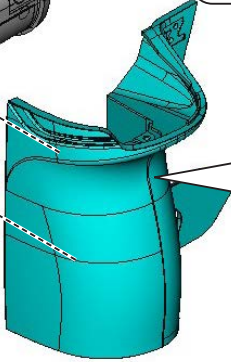


5. External parts

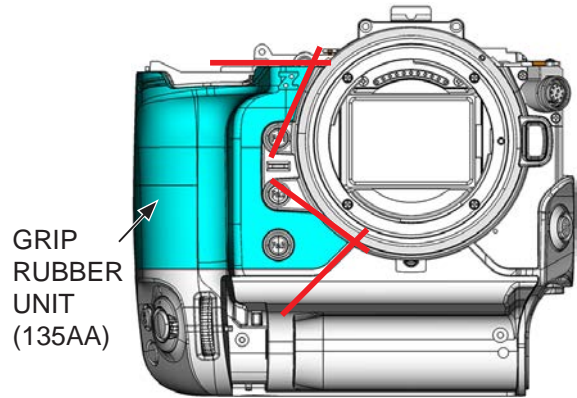
GRIP RUBBER UNIT



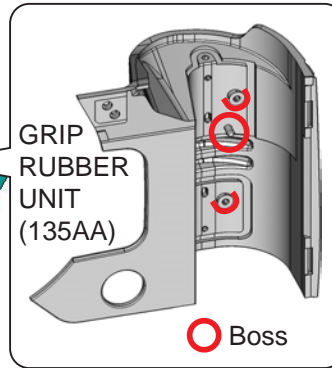
GRIP RUBBER UNIT (135AA)



— Reference position for attachment

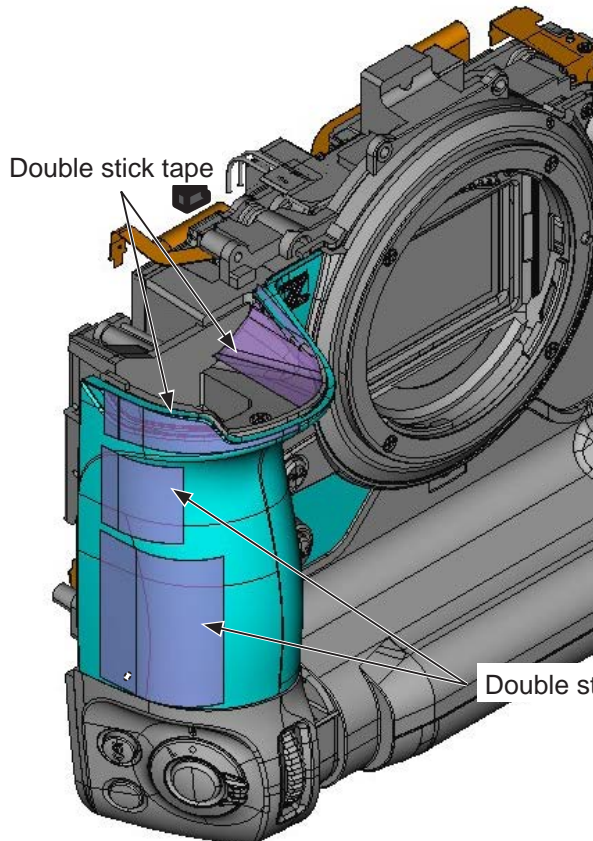


GRIP RUBBER UNIT (135AA)



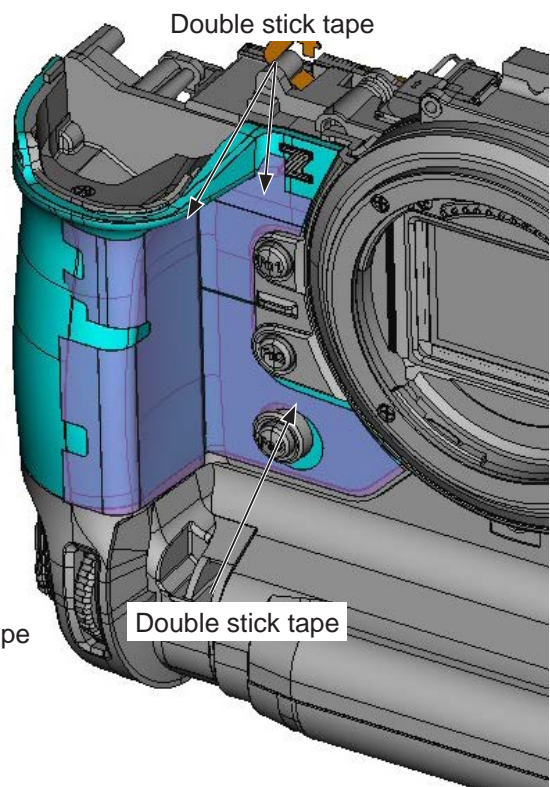
GRIP RUBBER UNIT (135AA)

○ Boss



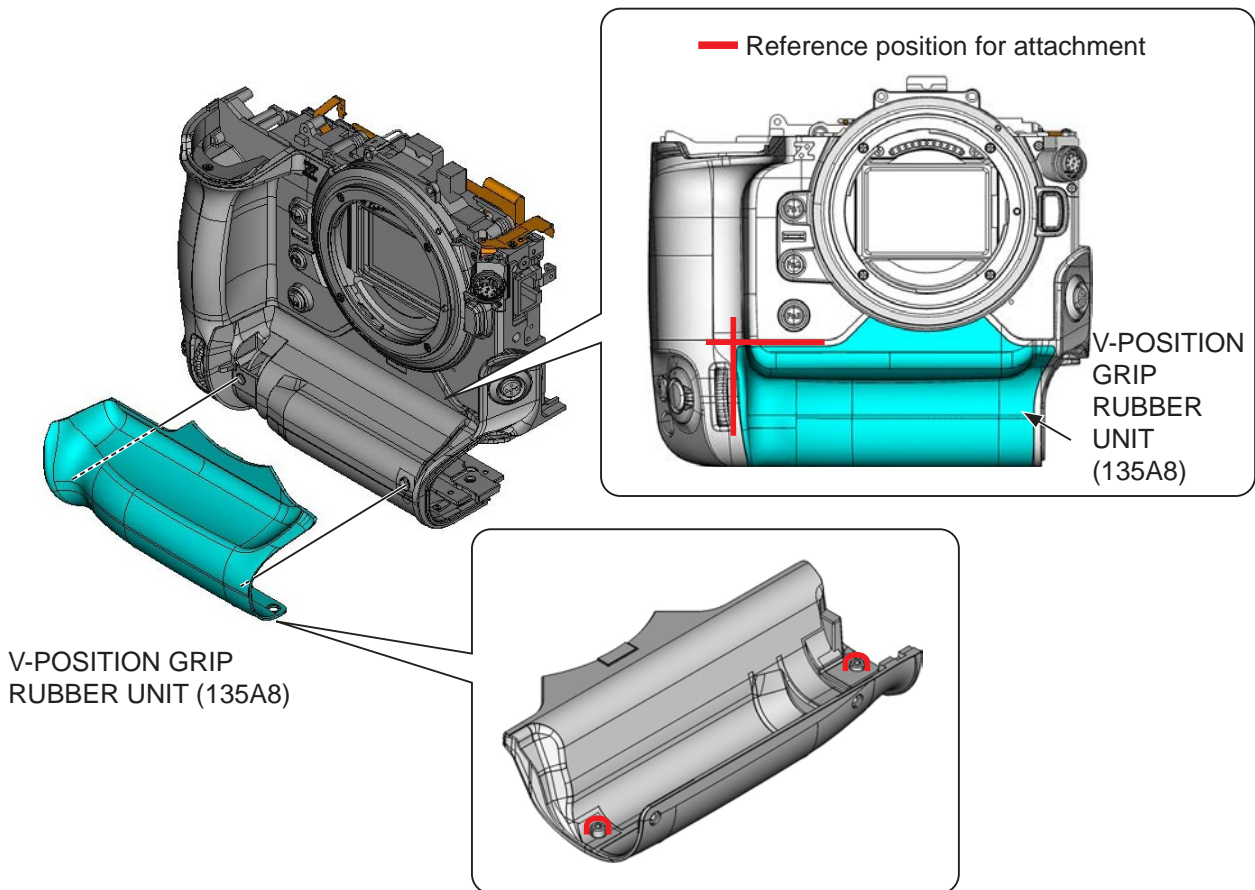
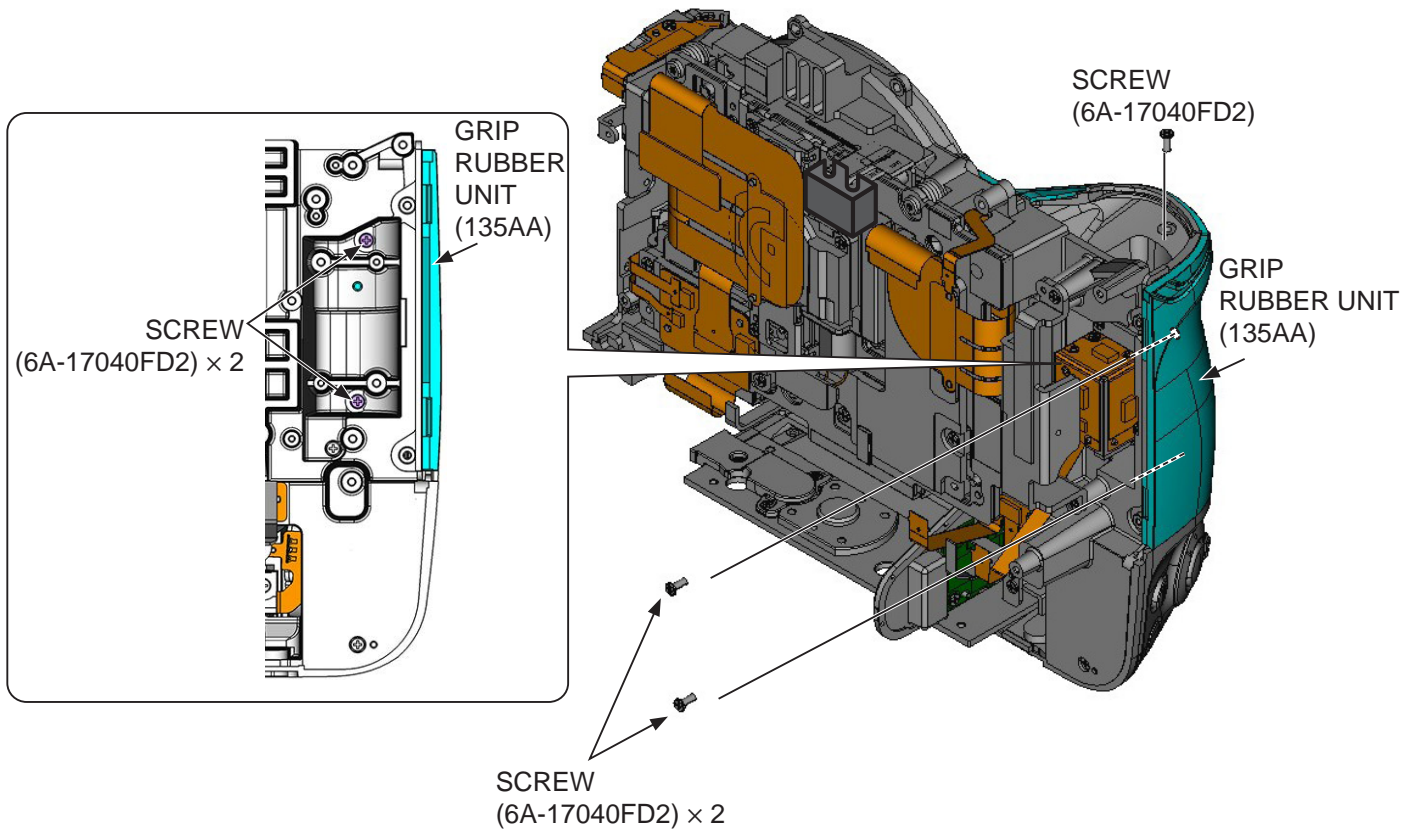
Double stick tape

Double stick tape

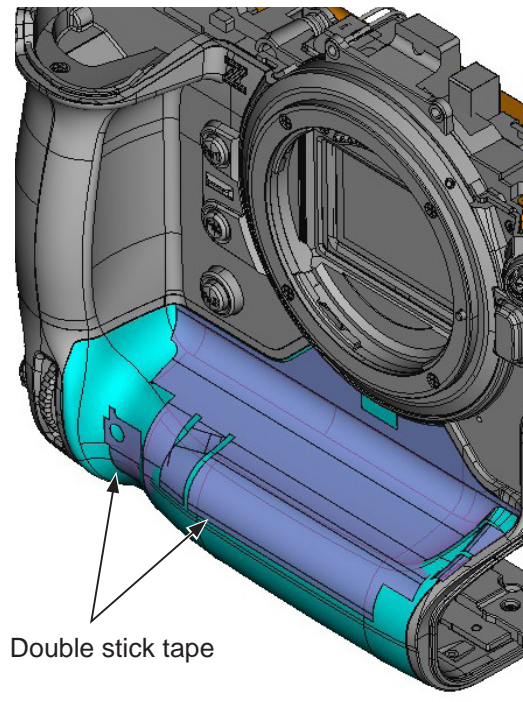
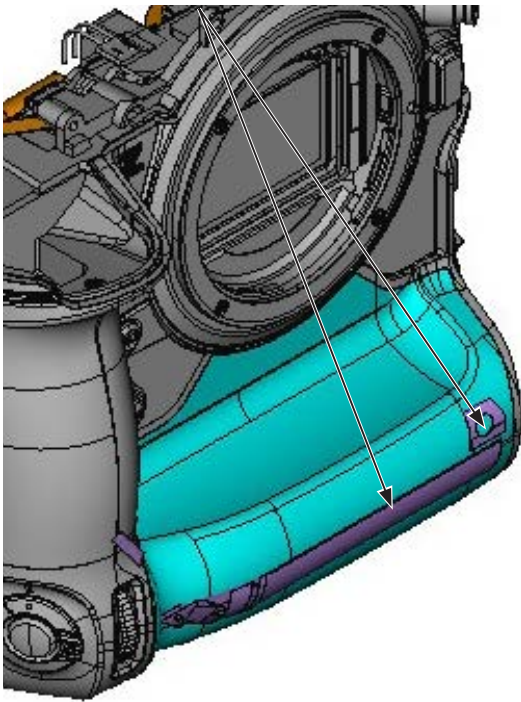


Double stick tape

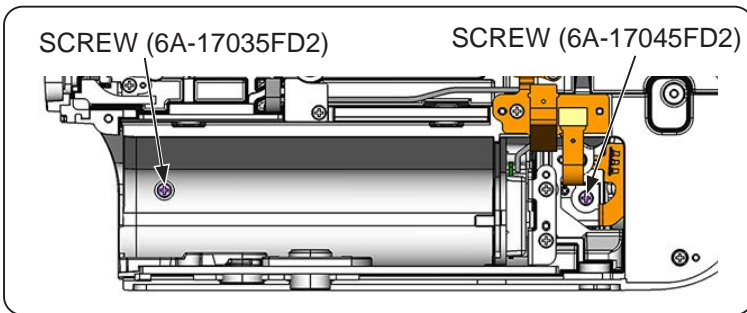
Double stick tape



Double stick tape

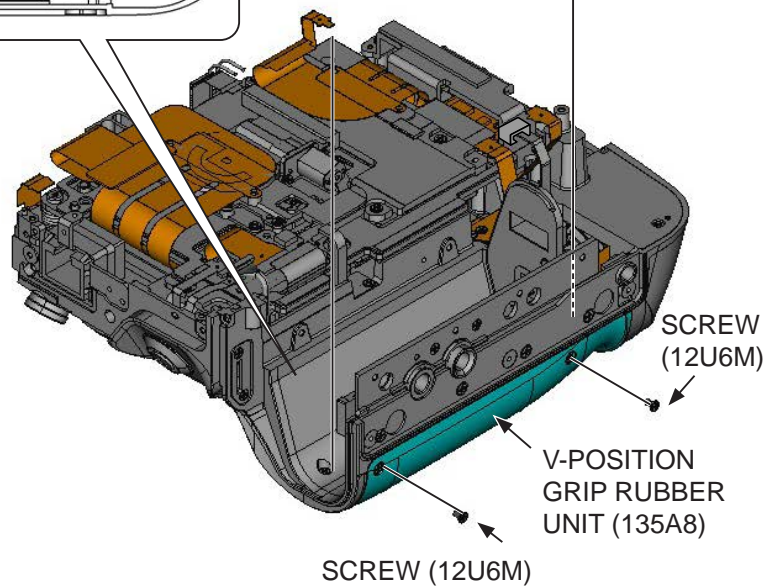


Double stick tape



SCREW
(6A-17045FD2)

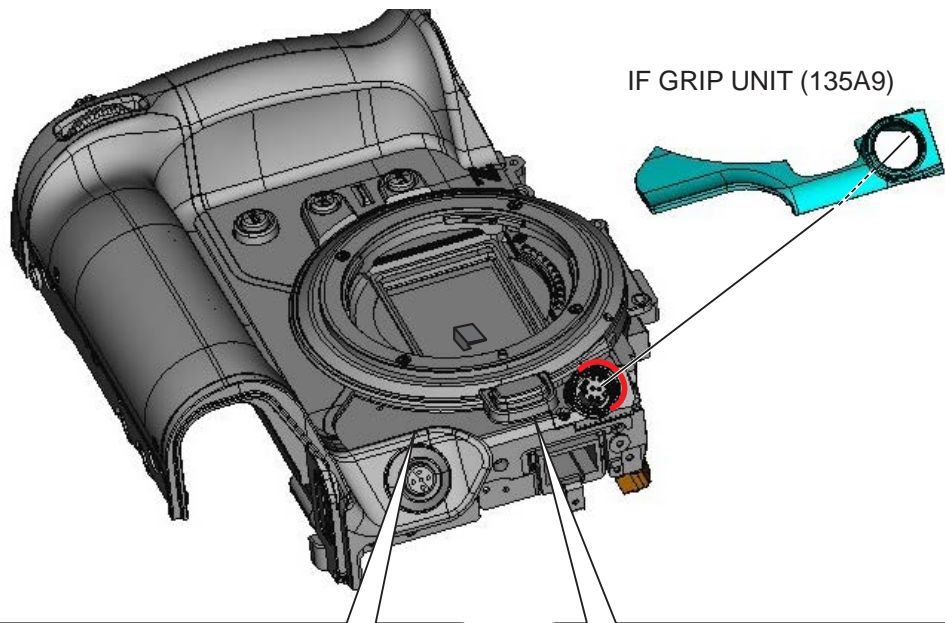
SCREW
(6A-17035FD2)



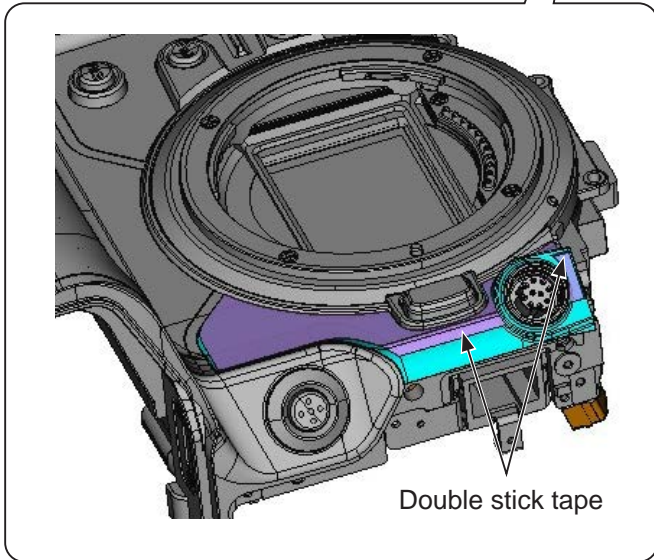
SCREW
(12U6M)

V-POSITION
GRIP RUBBER
UNIT (135A8)

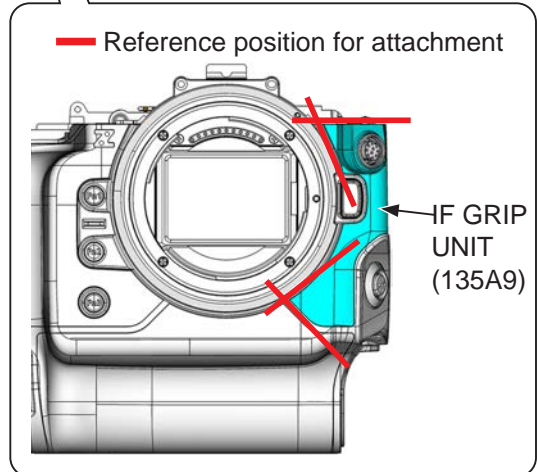
SCREW (12U6M)



IF GRIP UNIT (135A9)

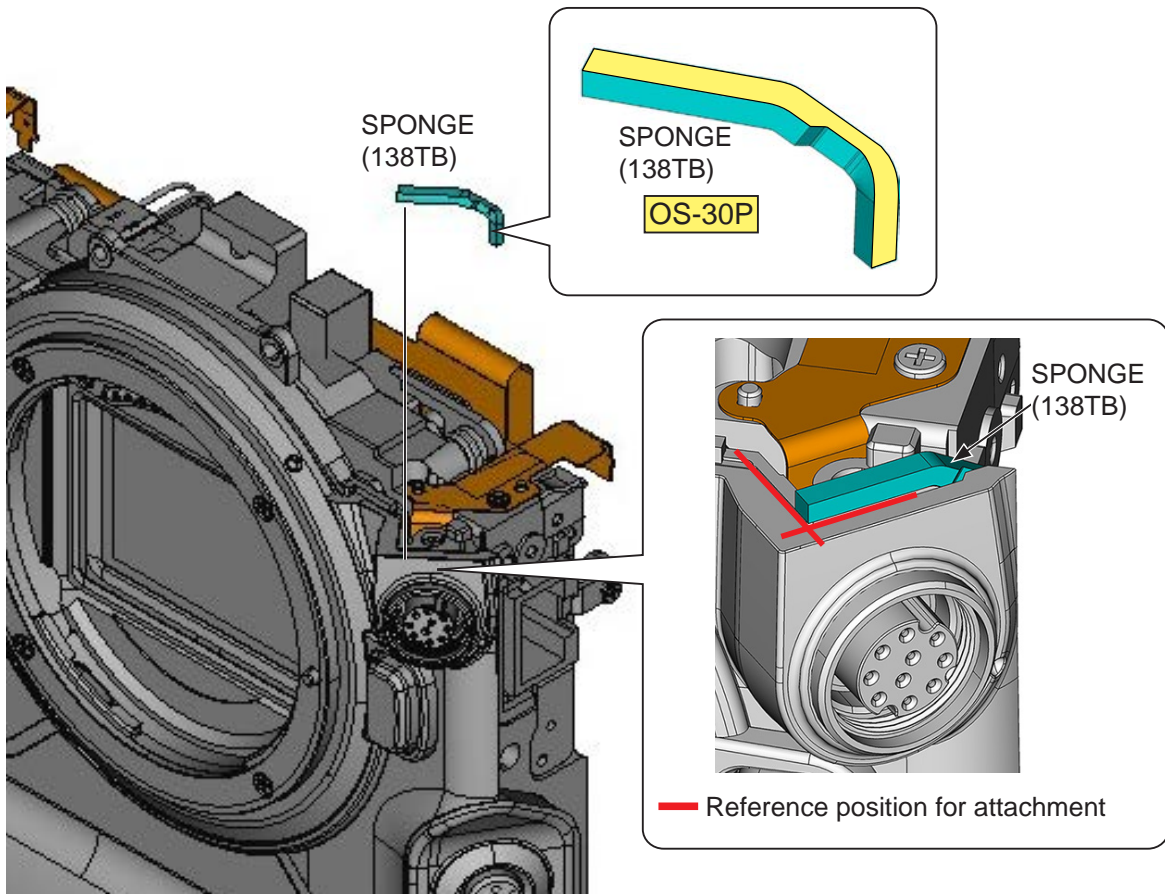


Double stick tape



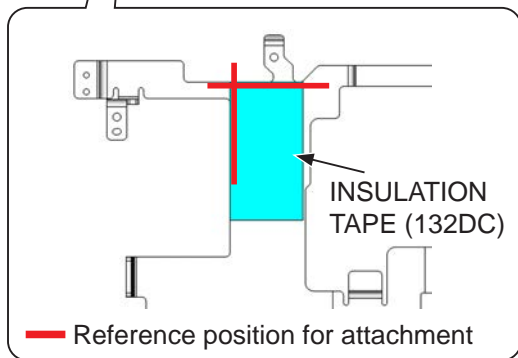
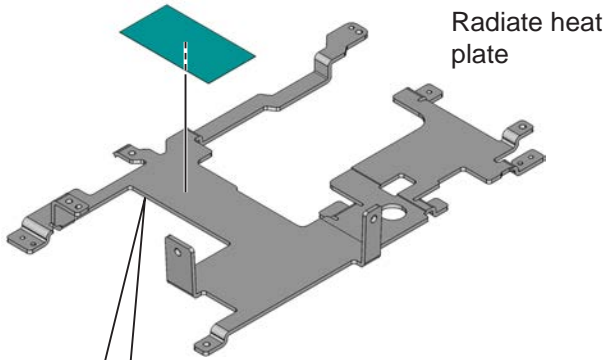
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IF GRIP UNIT (135A9)

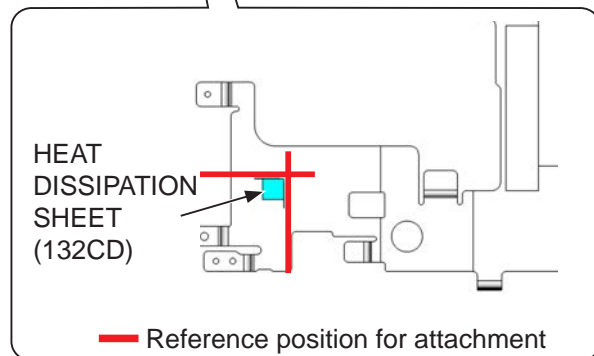
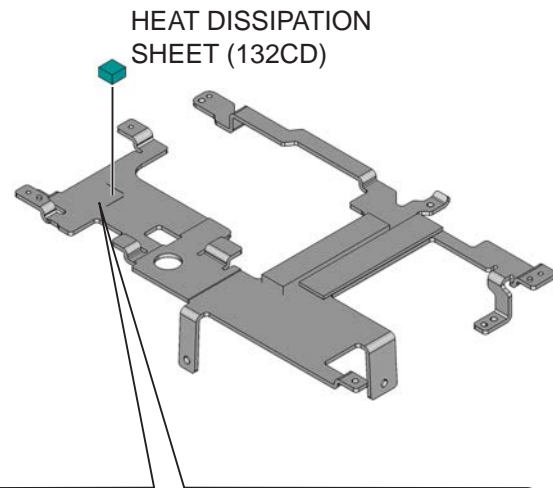
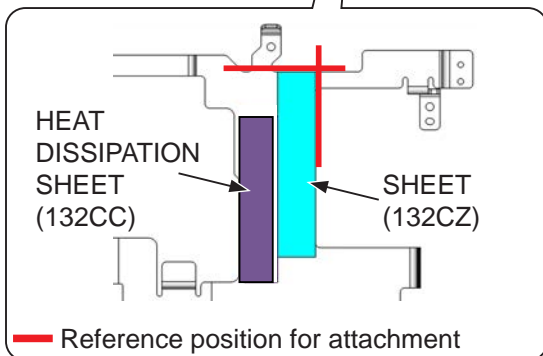
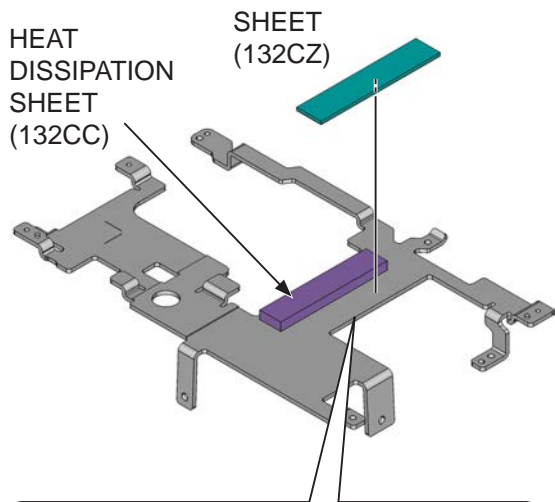
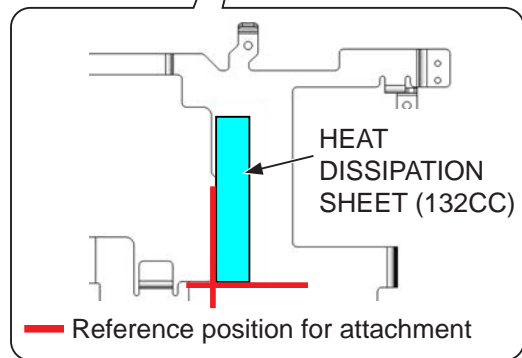
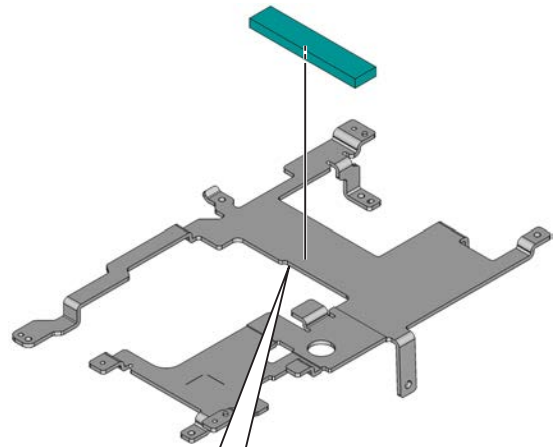


MAIN PCB UNIT

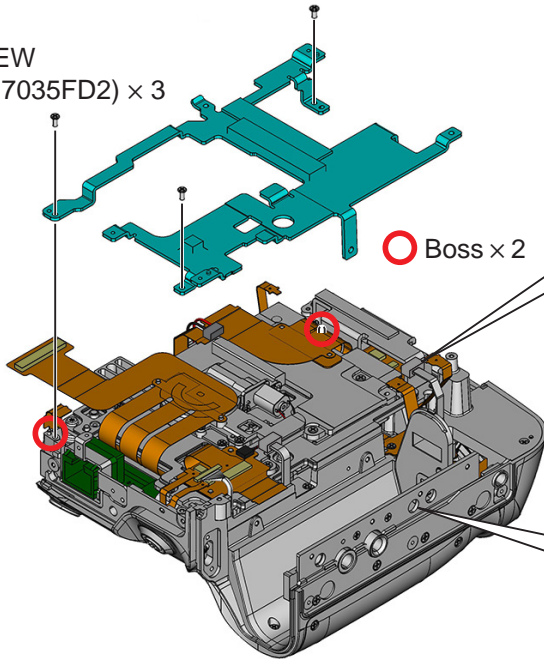
INSULATION TAPE (132DC)



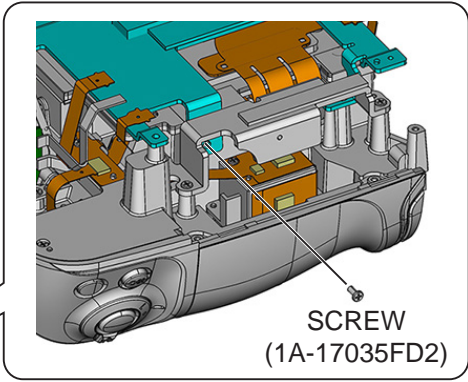
HEAT DISSIPATION SHEET (132CC)



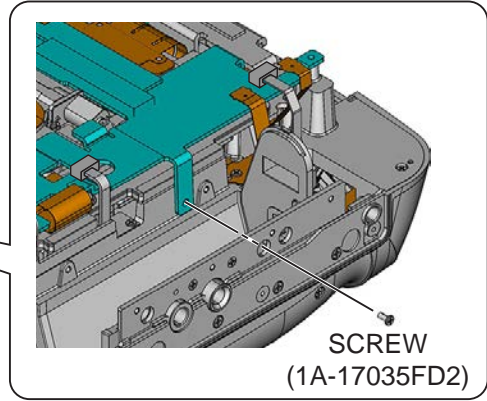
SCREW
(1A-17035FD2) × 3



○ Boss × 2

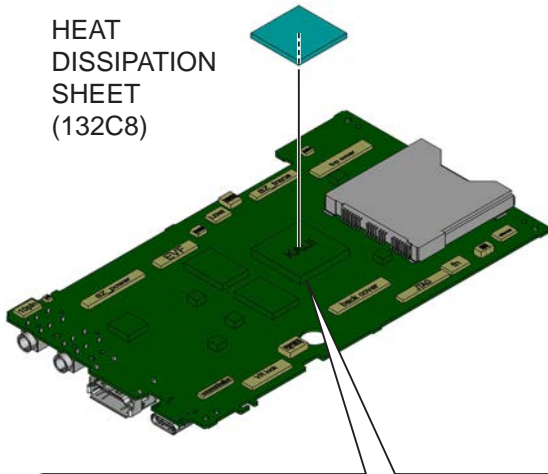


SCREW
(1A-17035FD2)

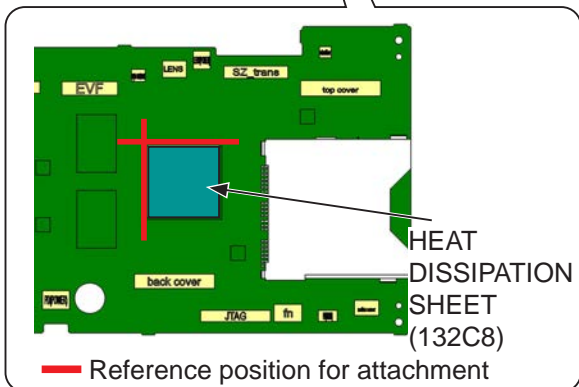
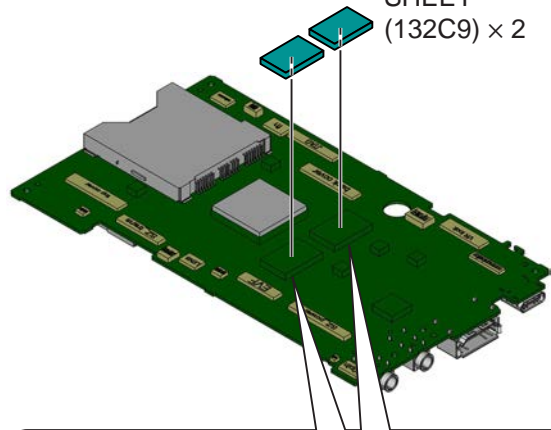


SCREW
(1A-17035FD2)

HEAT
DISSIPATION
SHEET
(132C8)

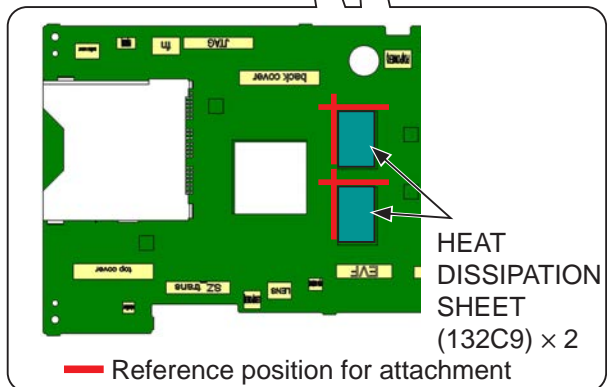


HEAT
DISSIPATION
SHEET
(132C9) × 2



HEAT
DISSIPATION
SHEET
(132C8)

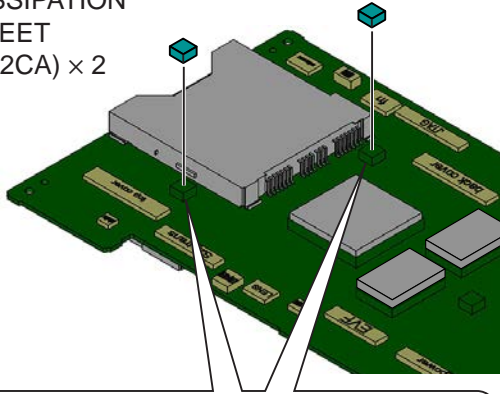
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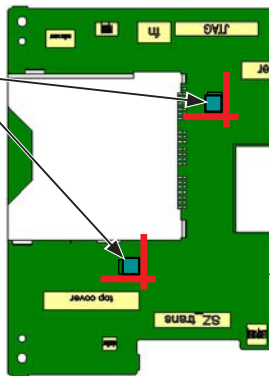
HEAT
DISSIPATION
SHEET
(132C9) × 2

— Reference position for attachment

HEAT DISSIPATION SHEET (132CA) × 2

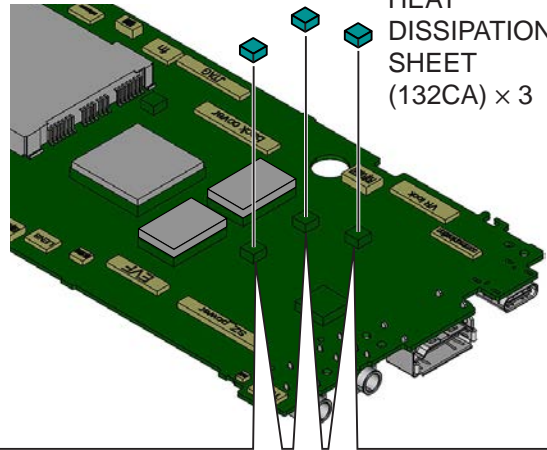


HEAT DISSIPATION SHEET (132CA) × 2

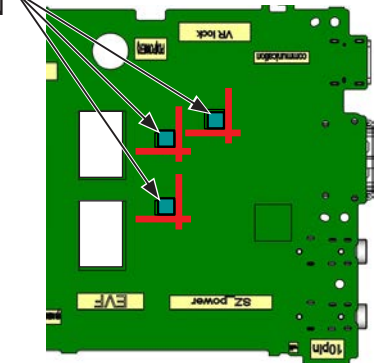


— Reference position for attachment

HEAT DISSIPATION SHEET (132CA) × 3

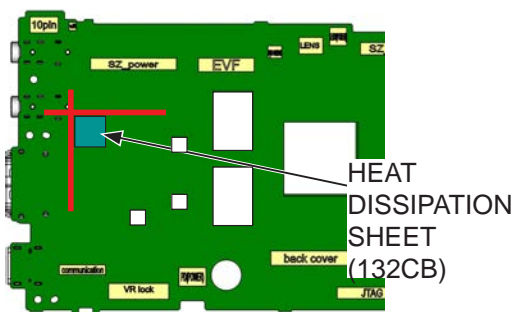
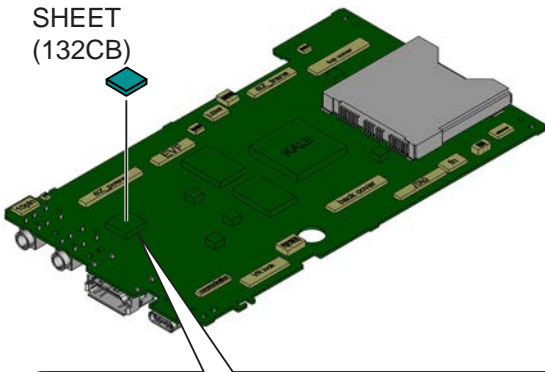


HEAT DISSIPATION SHEET (132CA) × 3



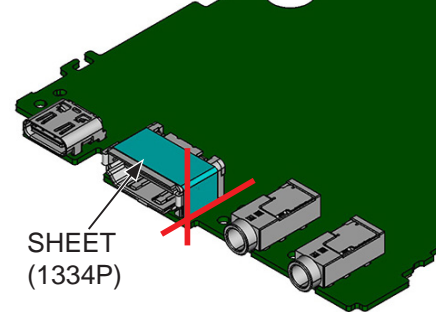
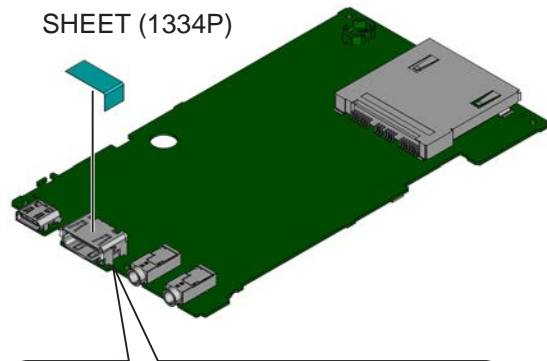
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HEAT DISSIPATION SHEET (132CB)

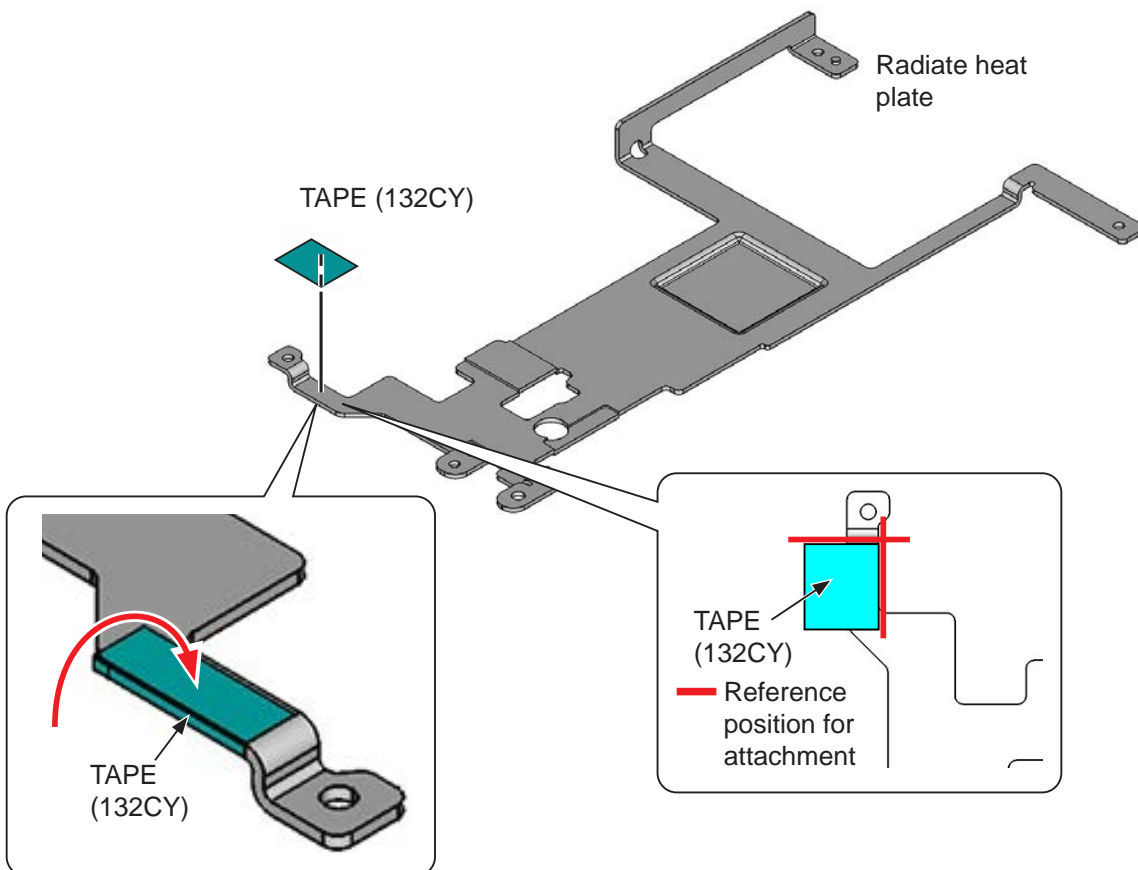
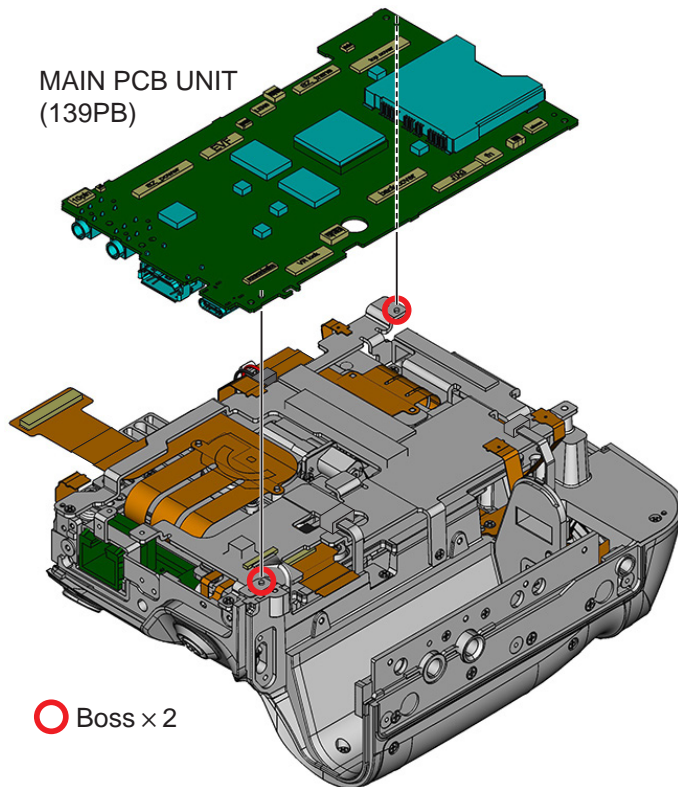


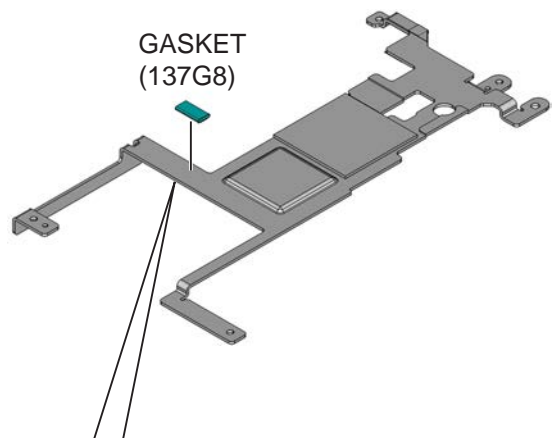
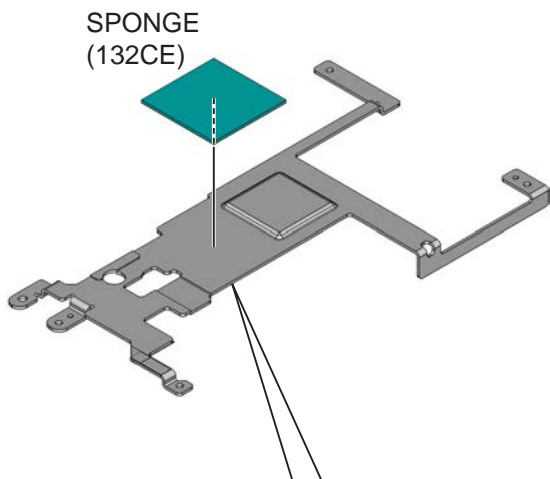
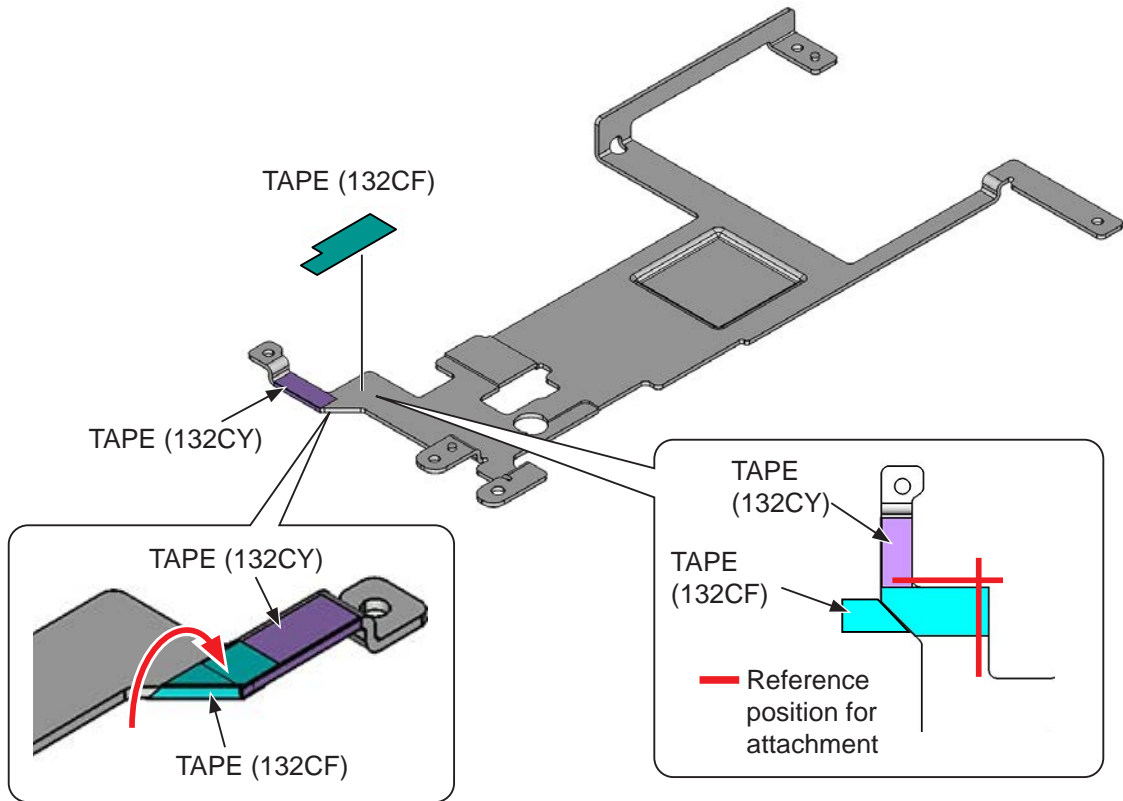
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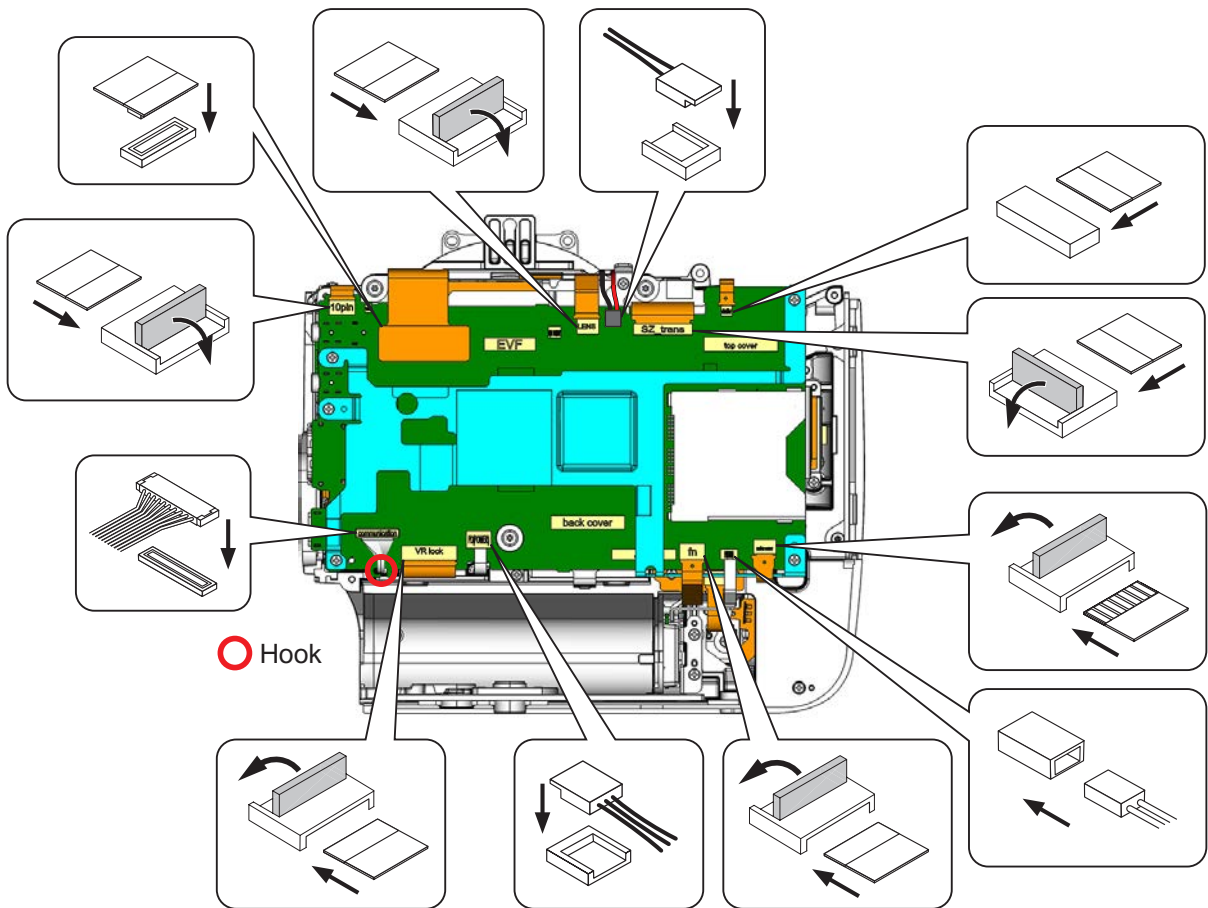
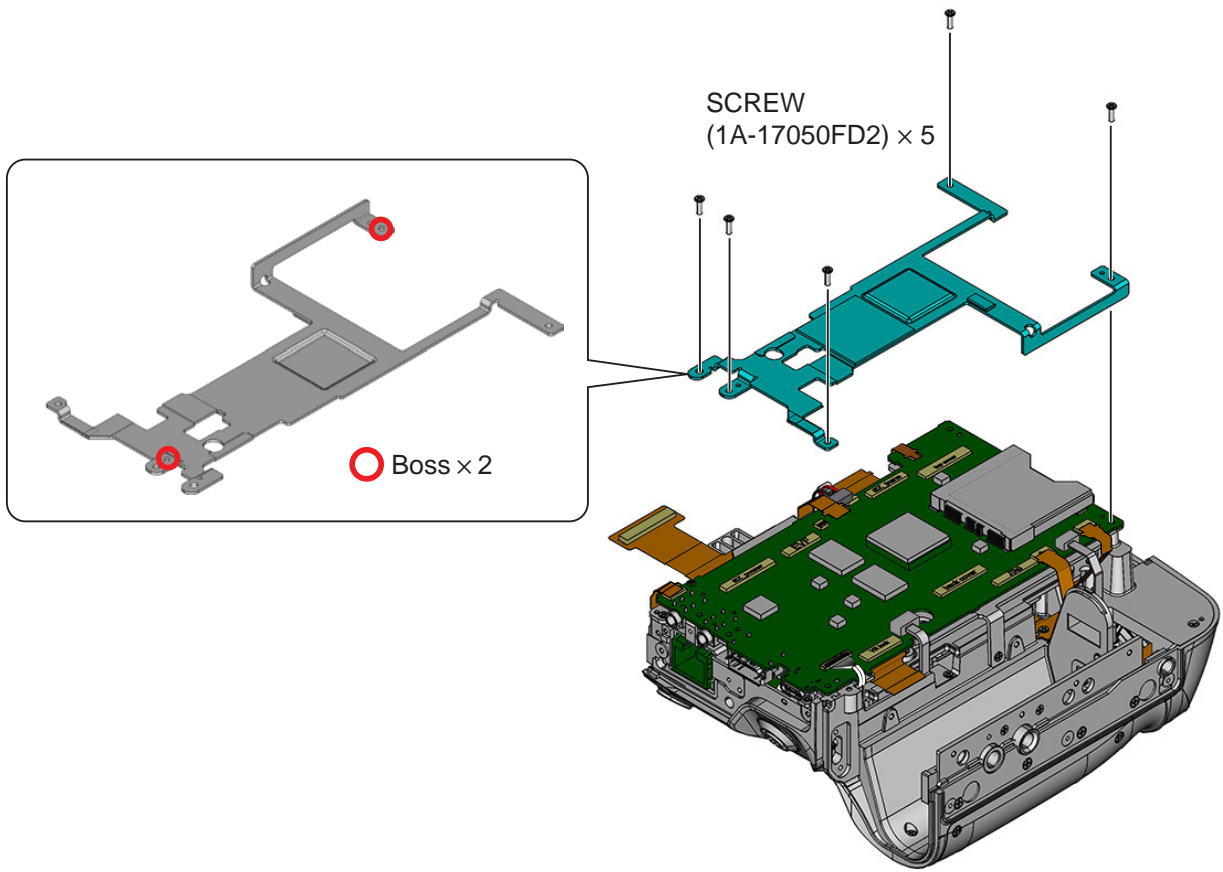
SHEET (1334P)



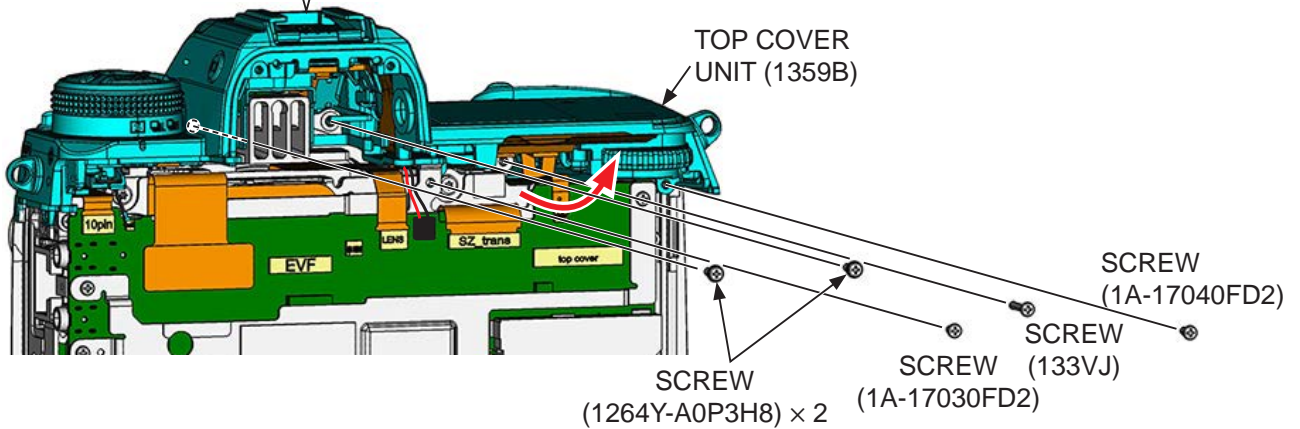
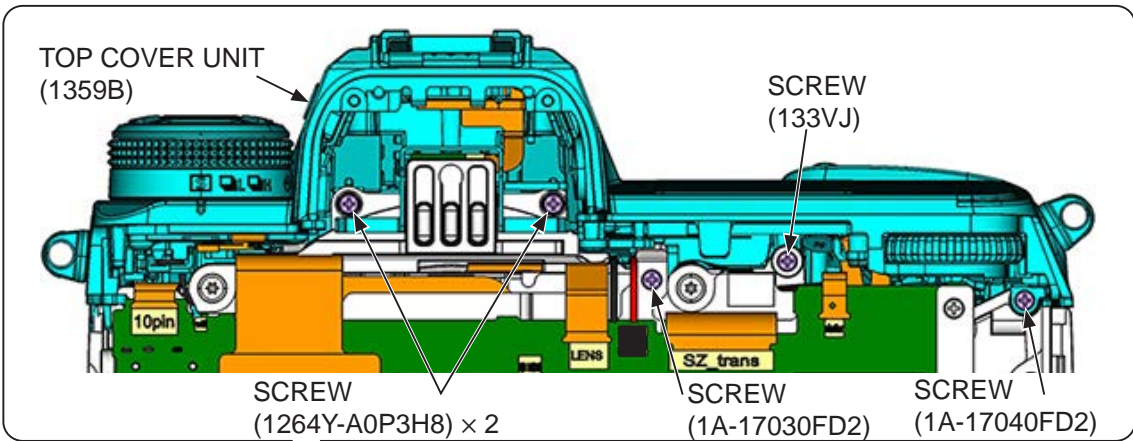
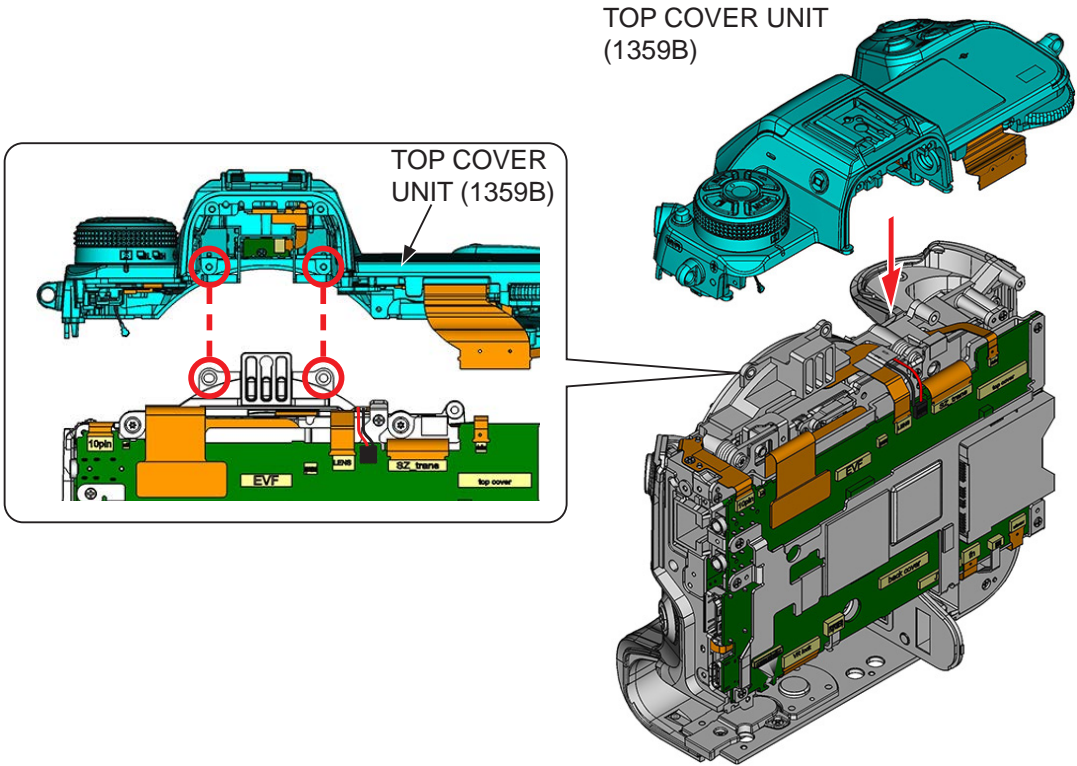
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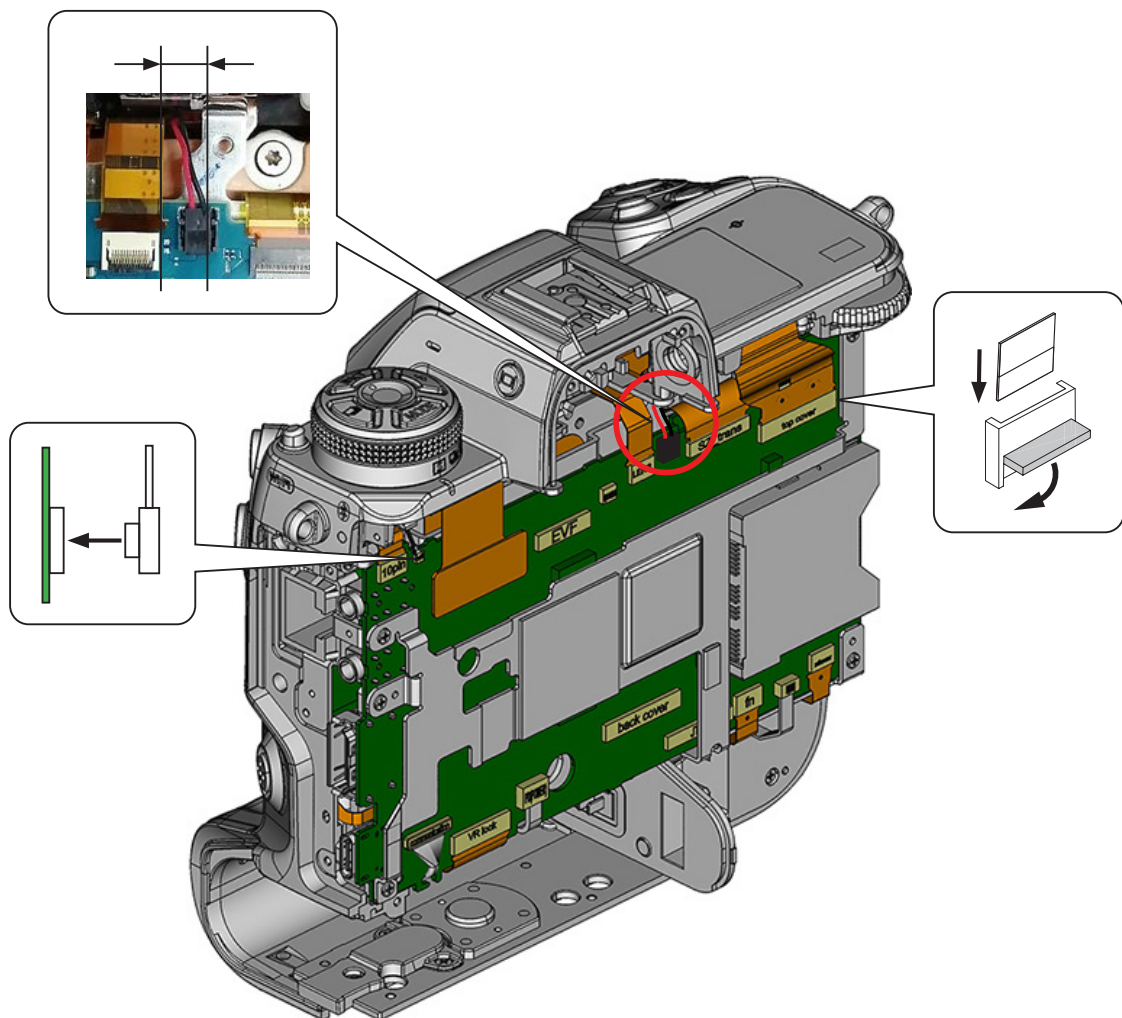
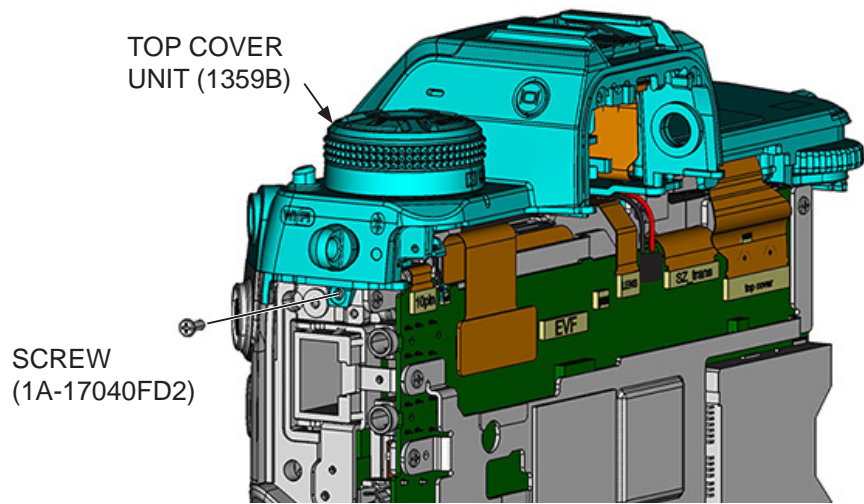




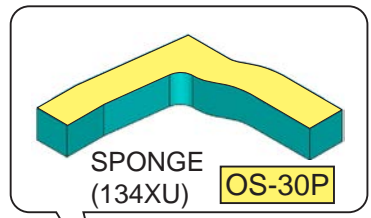
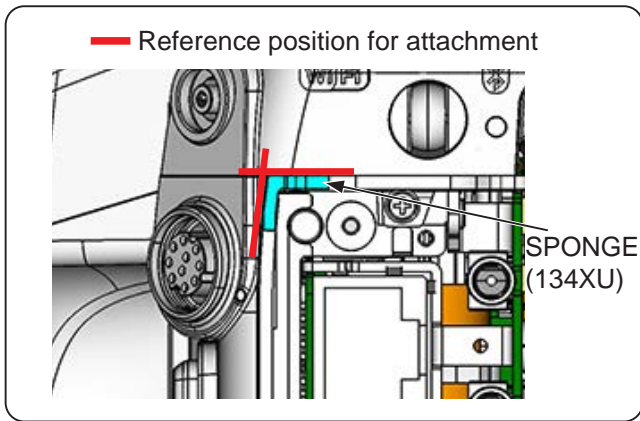
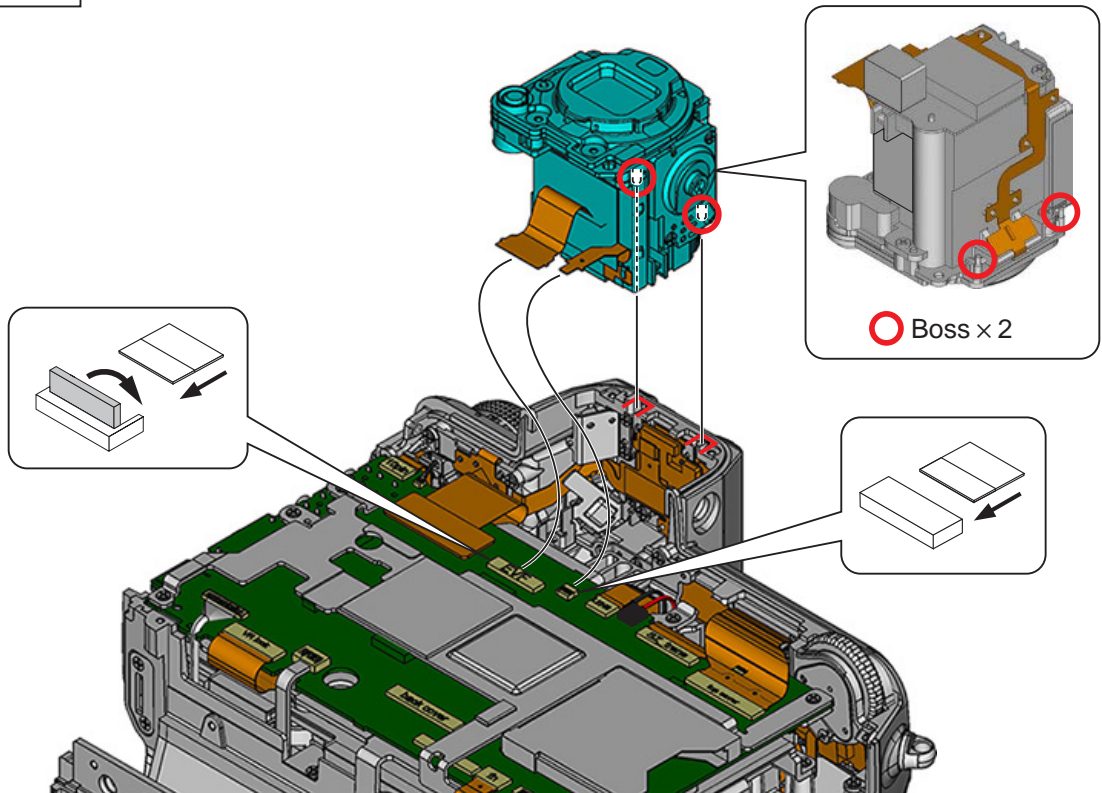


TOP COVER UNIT

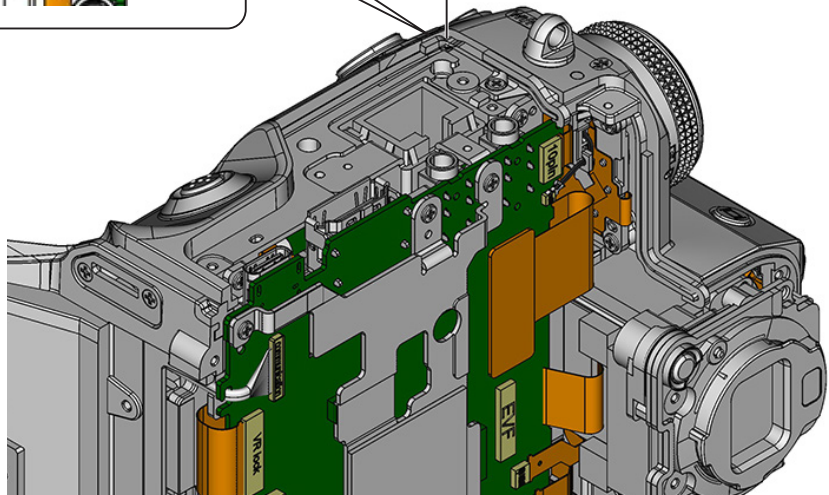


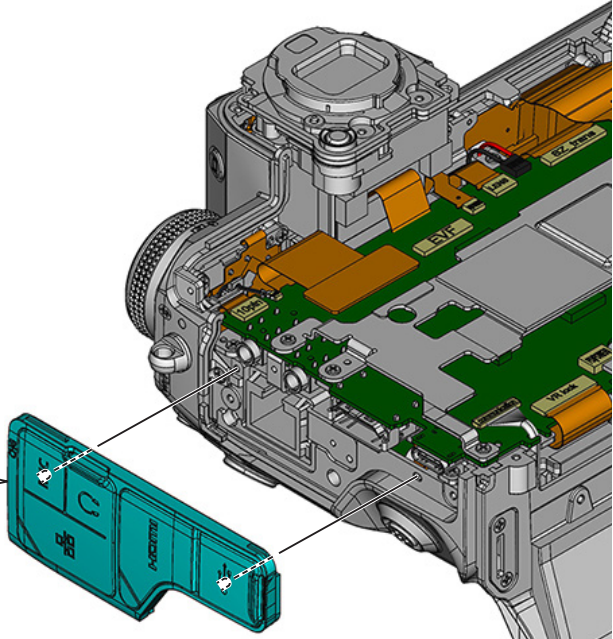
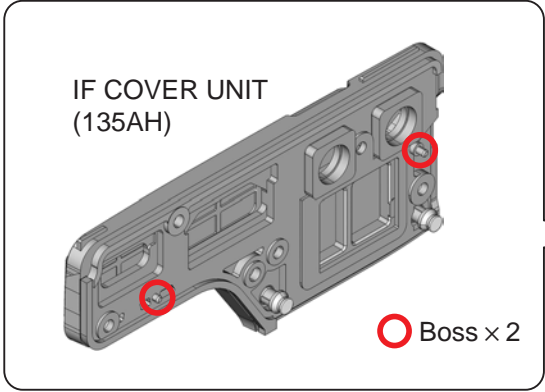


EVF UNIT

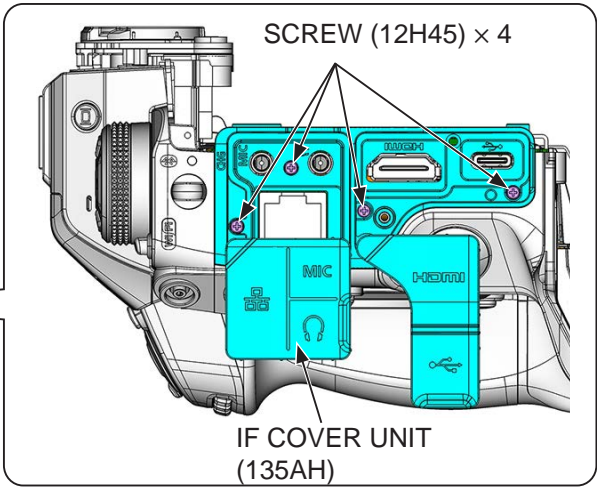
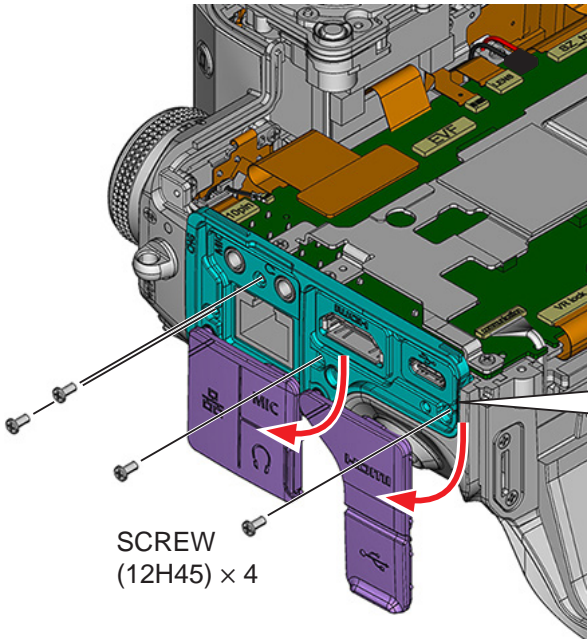


SPONGE (134XU)

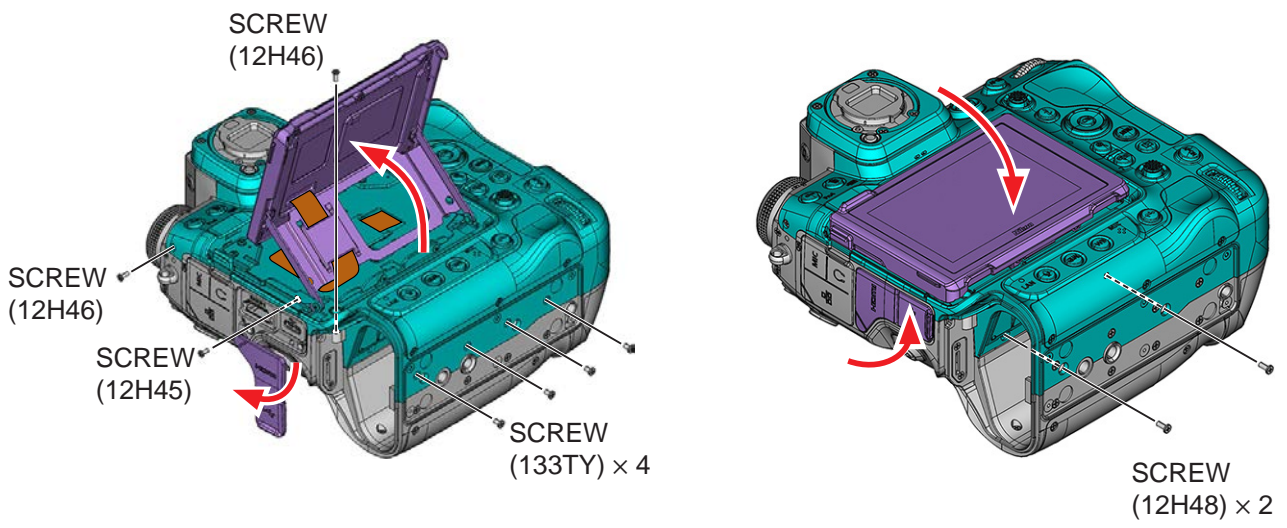
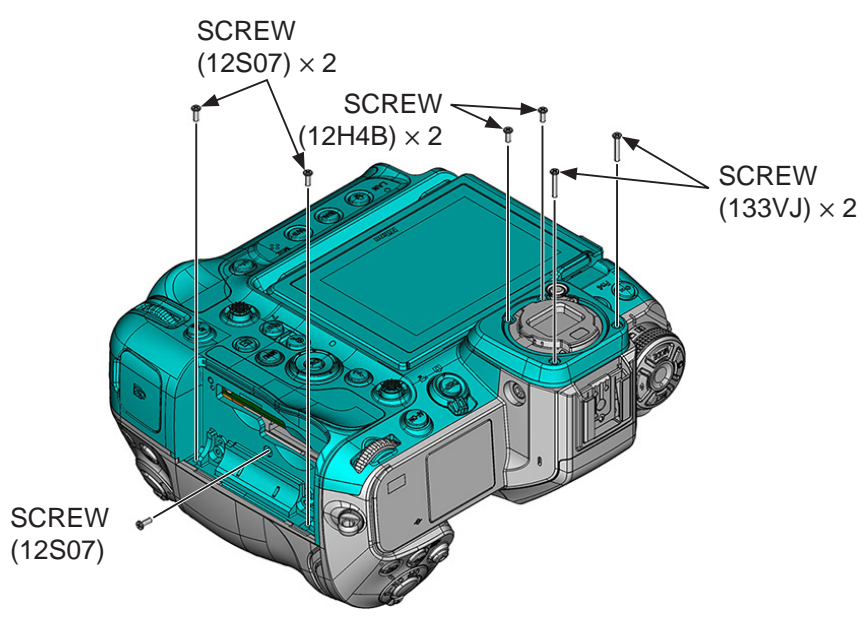
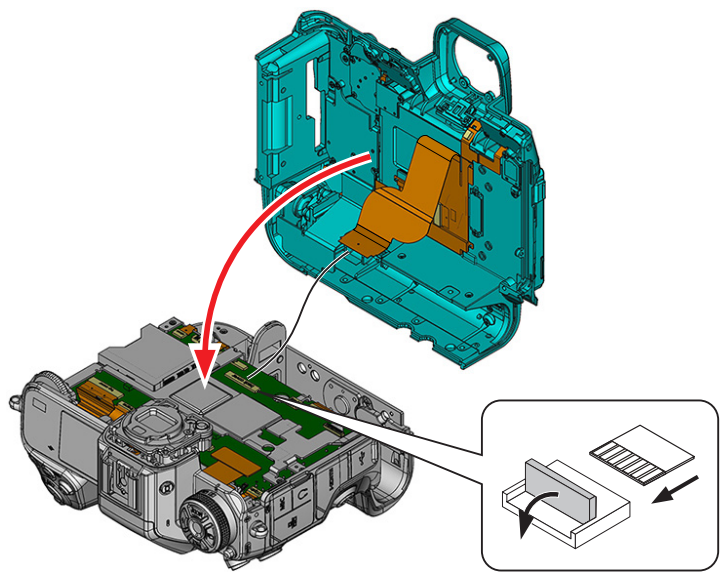


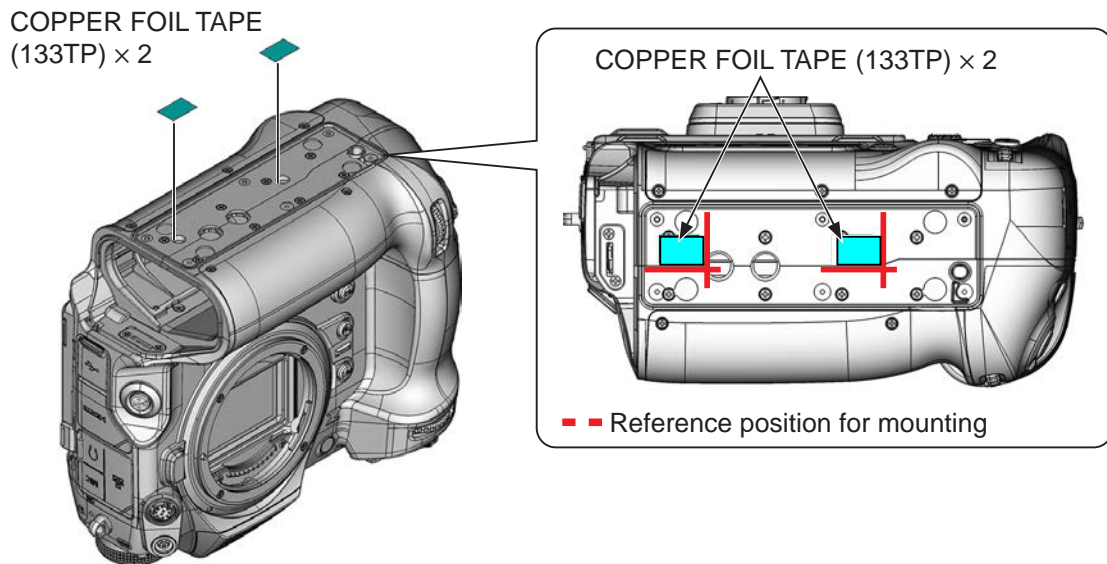
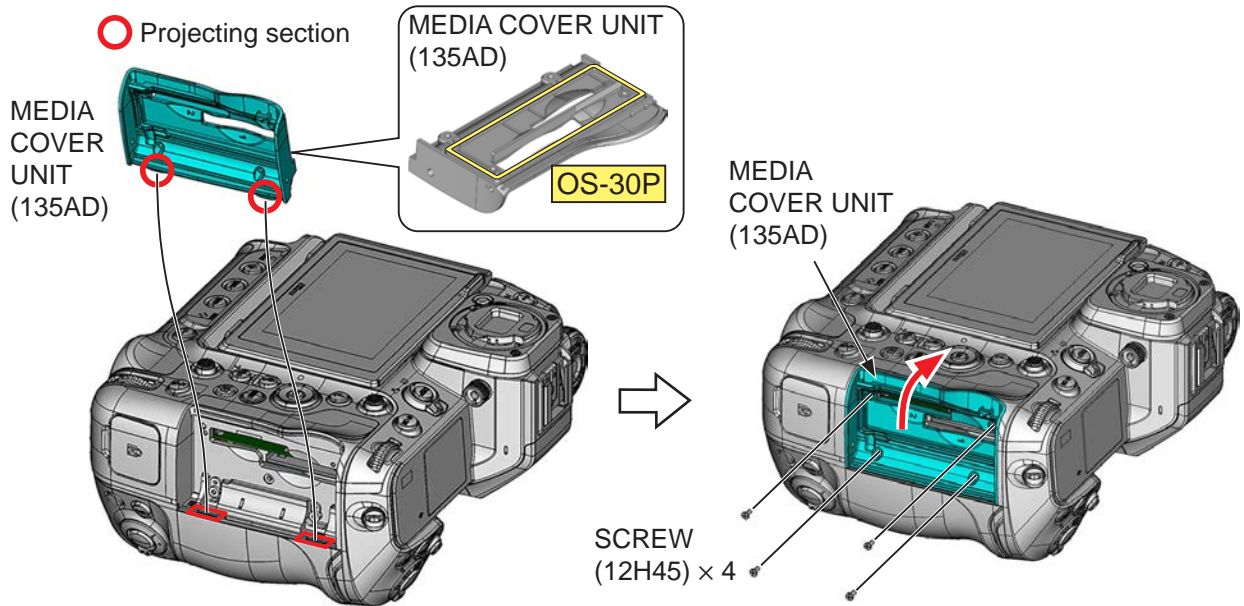
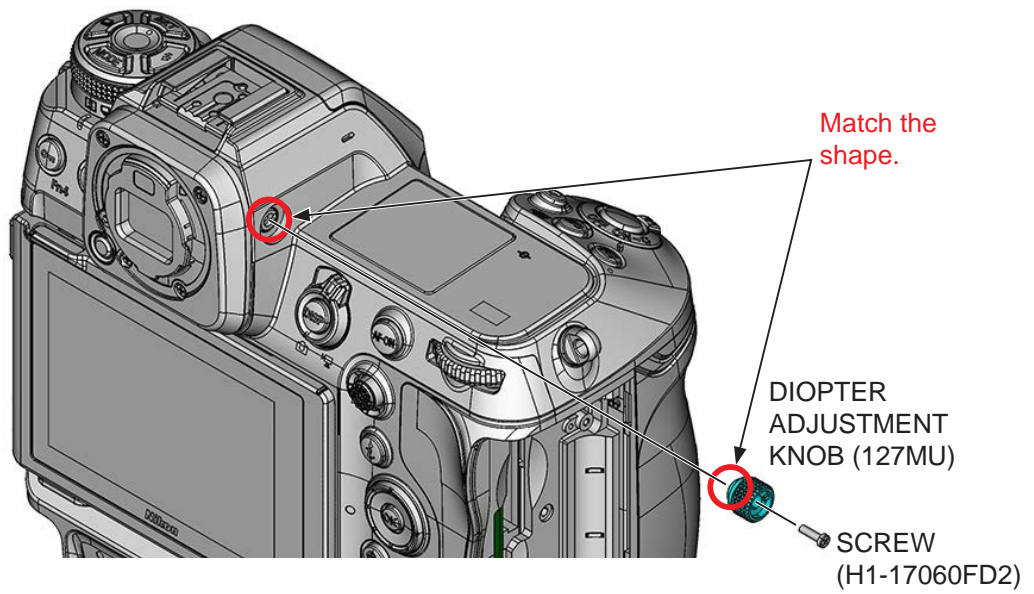


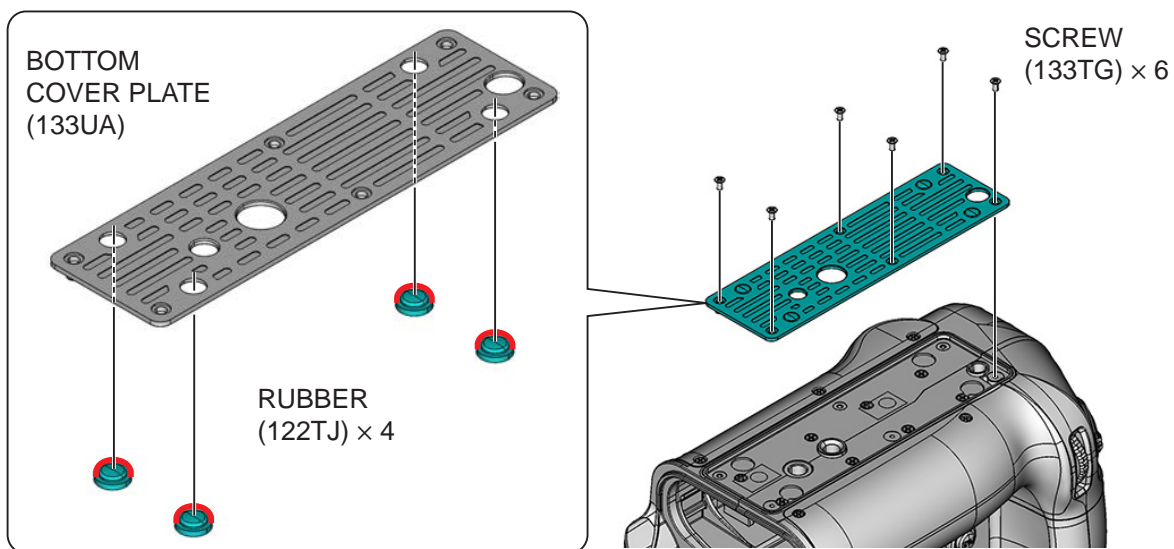
IF COVER UNIT
(135AH)



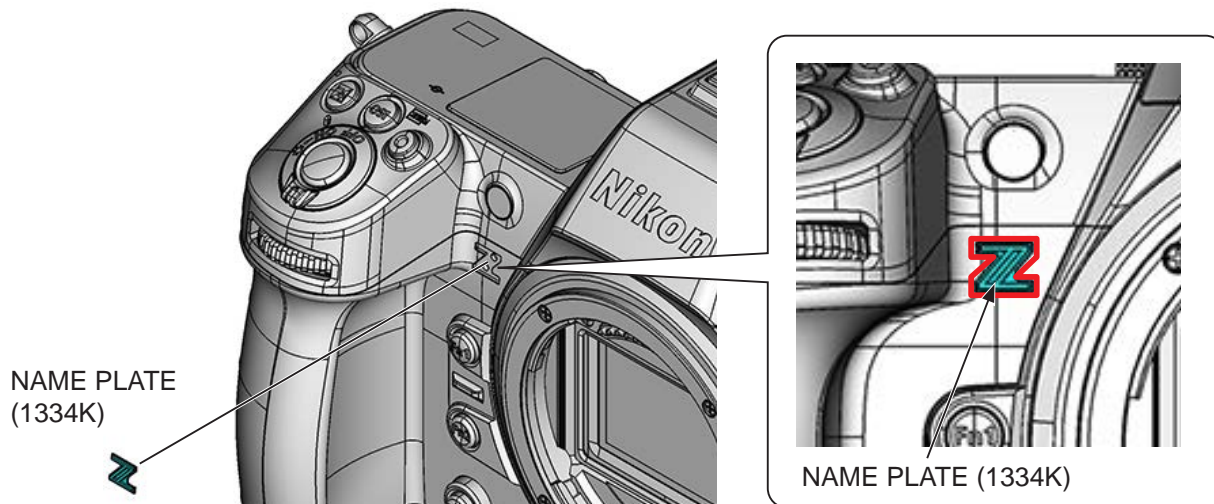
REAR COVER UNIT



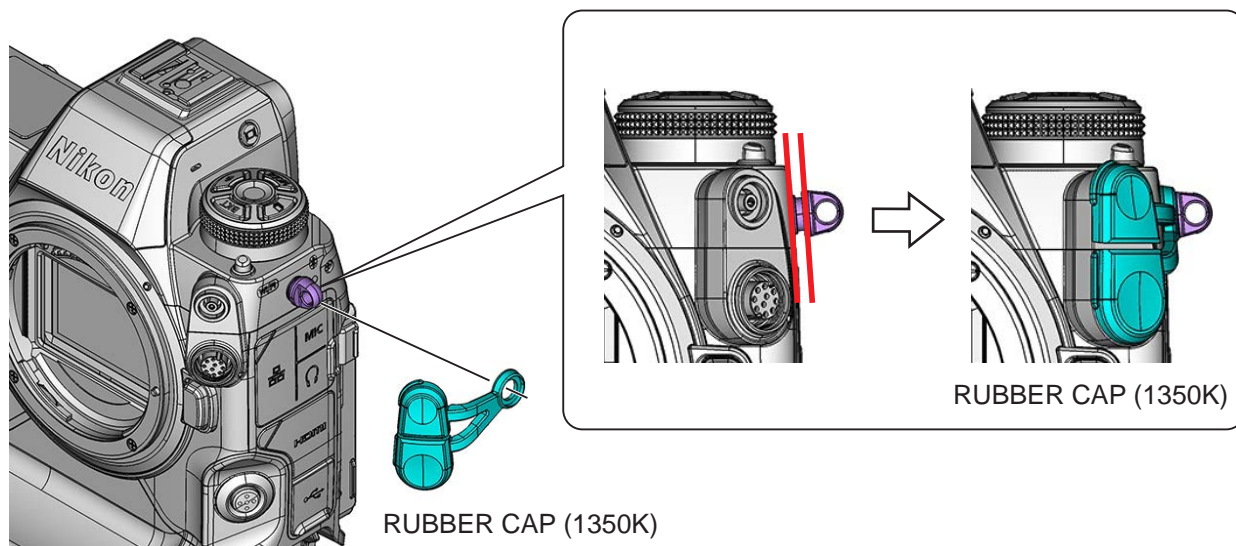




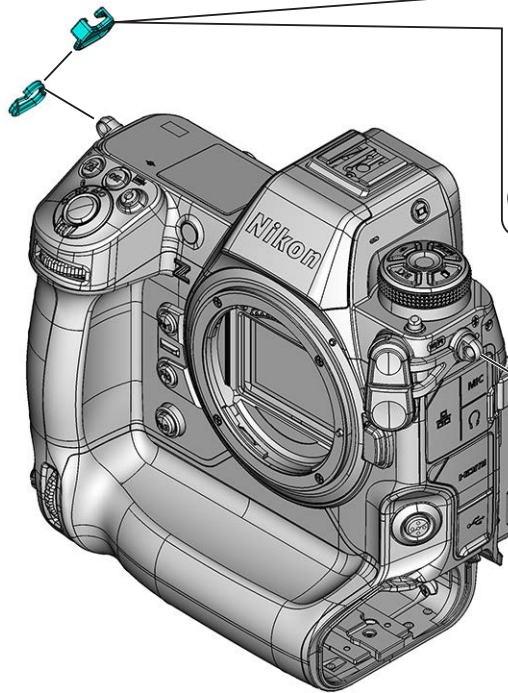
NAME PLATE



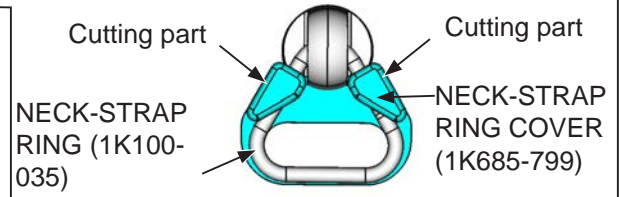
RUBBER CAP



NECK-STRAP RING

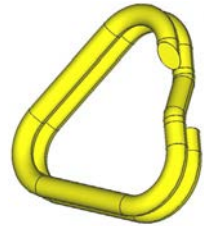


The cutting part of the neck-strap ring (1K100-035) should be incorporated inside the neck-strap ring cover (1K685-799).



NECK-STRAP RING COVER (1K685-799) × 2

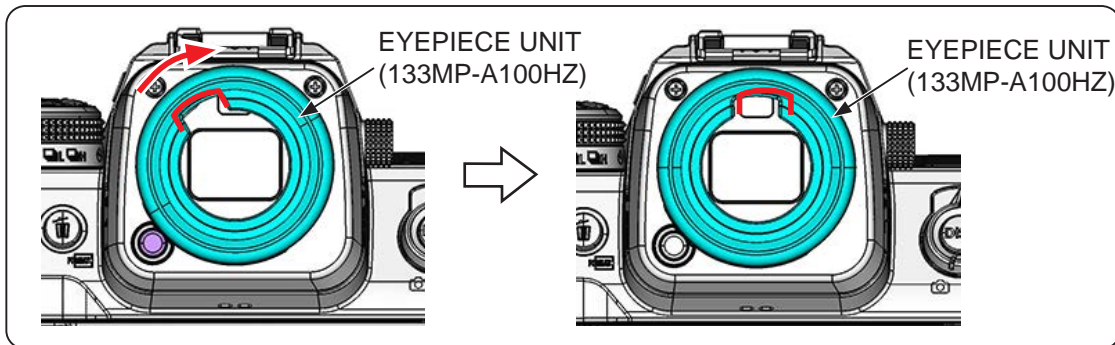
NECK-STRAP RING (1K100-035) × 2



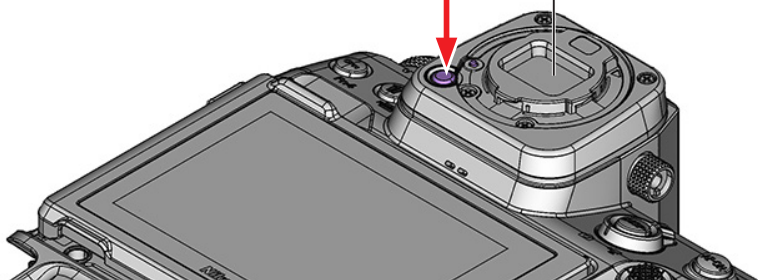
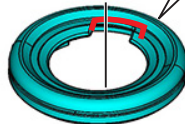
NECK-STRAP RING (1K100-035) × 2

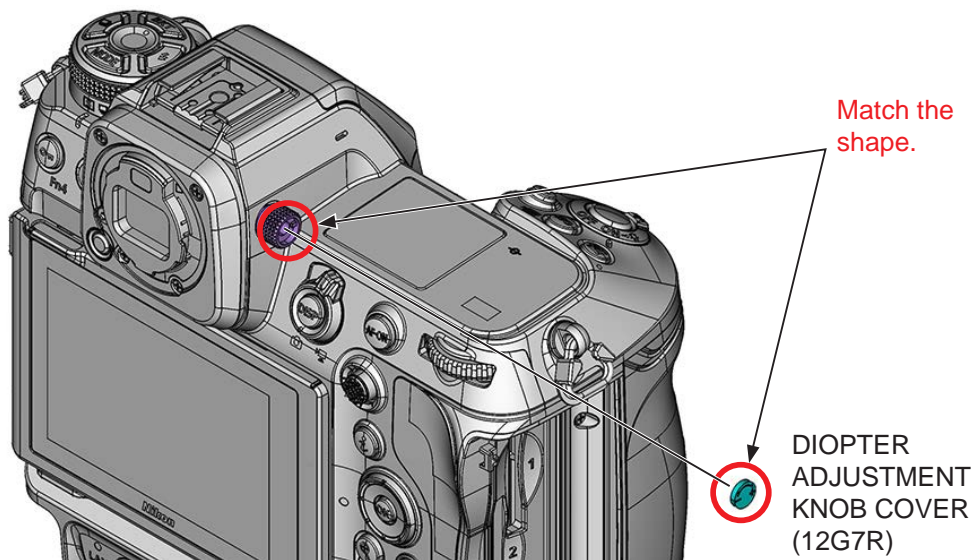
CFD409Z

EYEPIECE UNIT

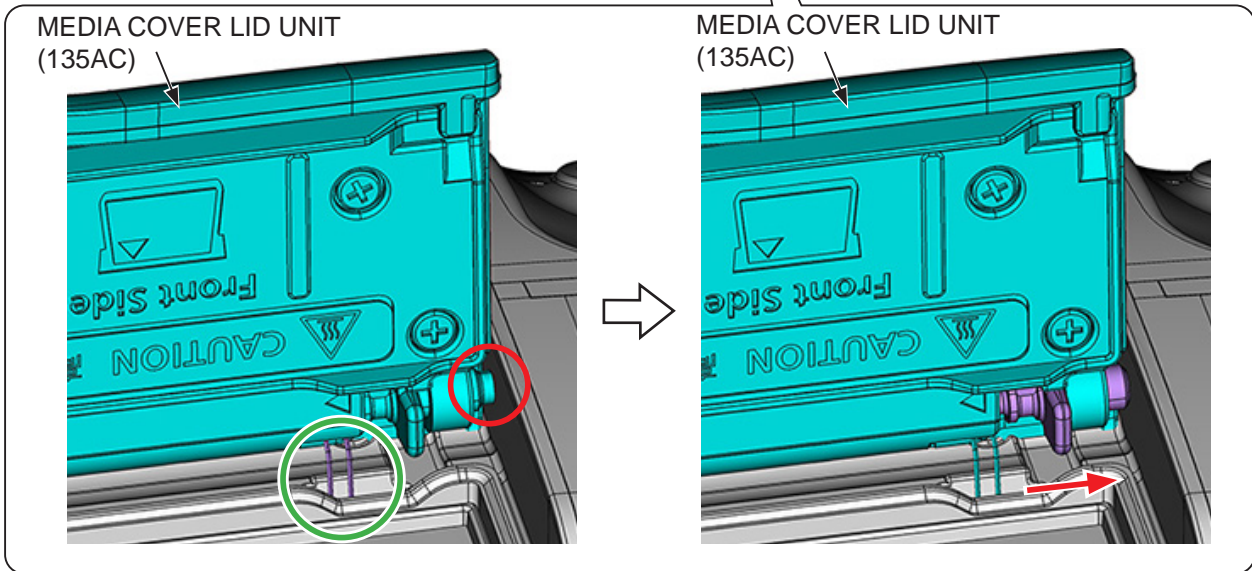
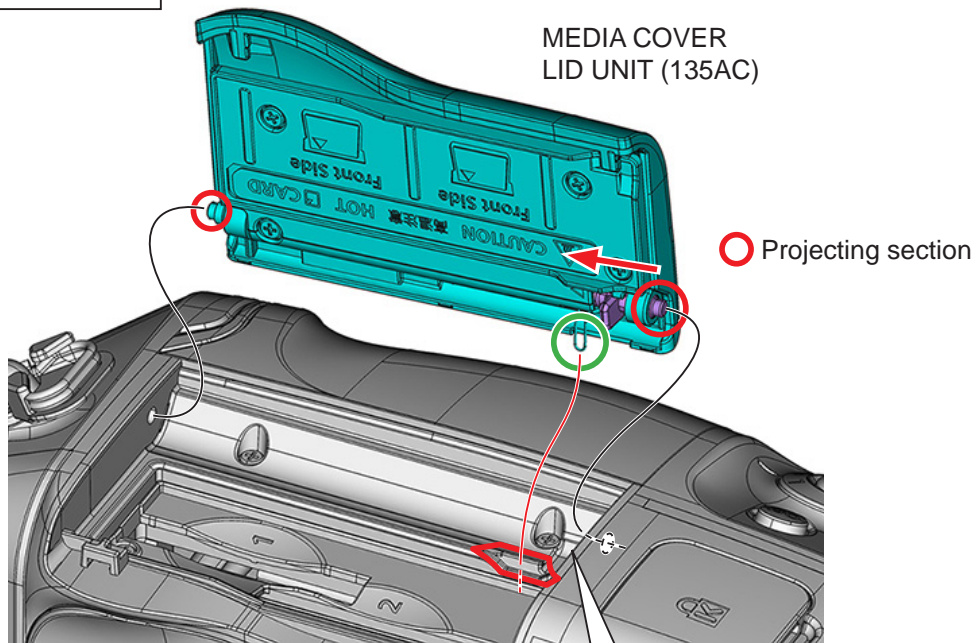


EYEPIECE UNIT (133MP-A100HZ)

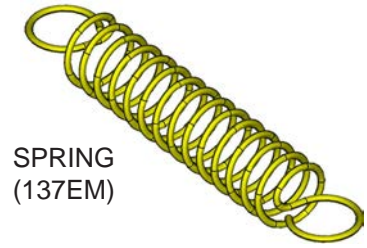
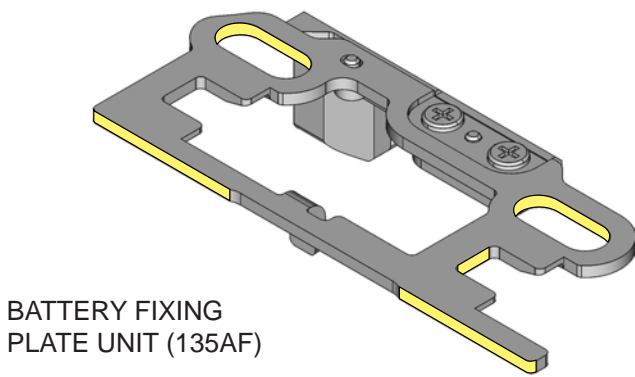
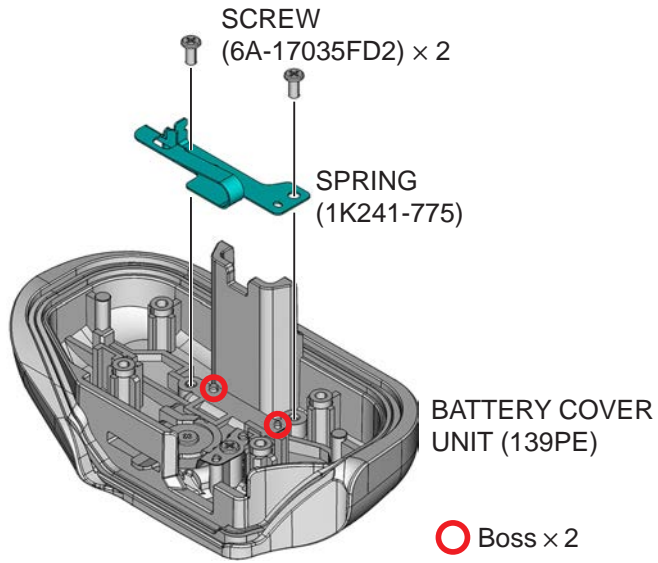




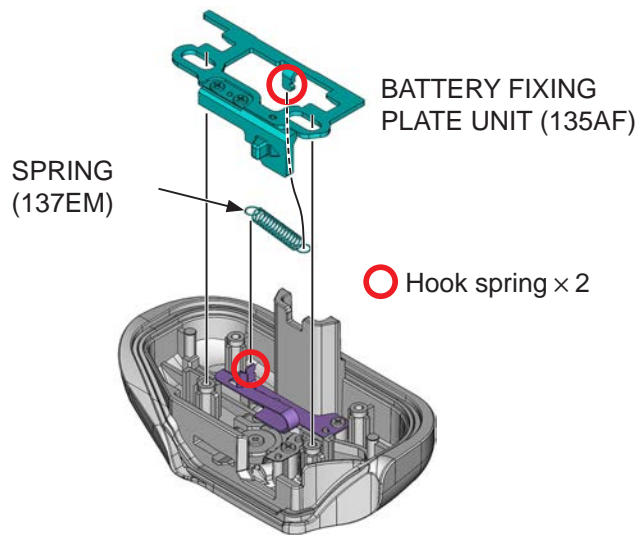
MEDIA COVER LID UNIT

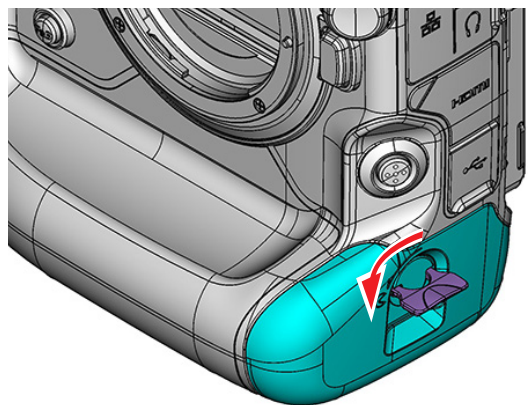
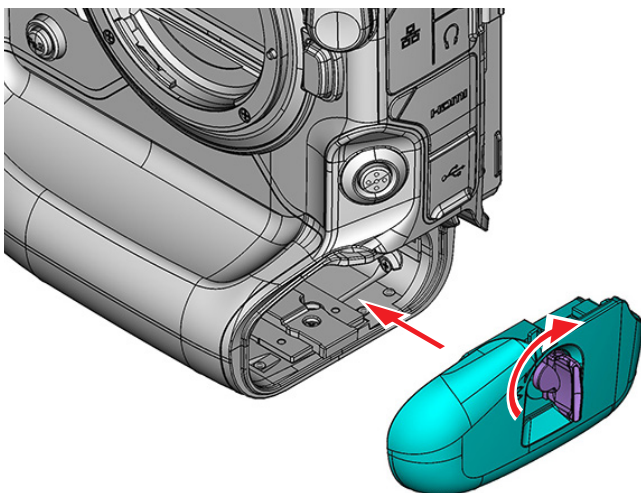
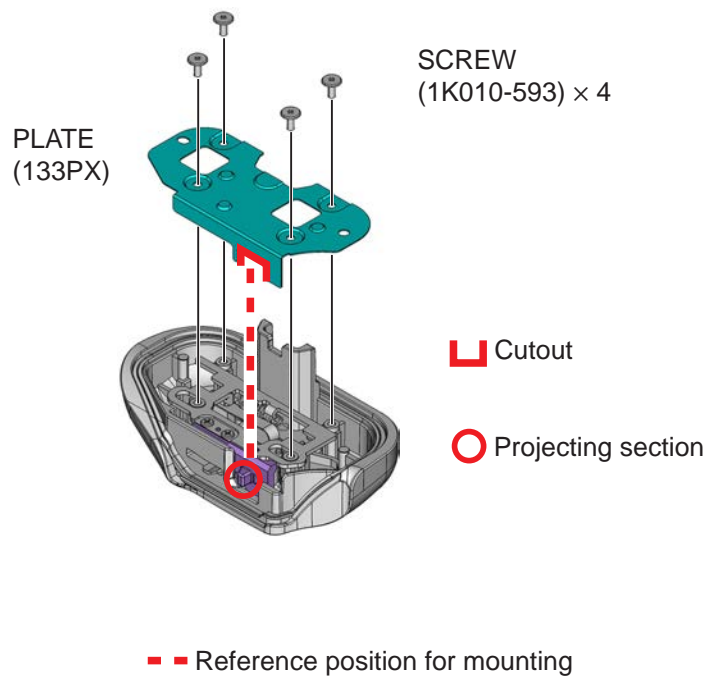


BATTERY COVER UNIT



CFD409Z

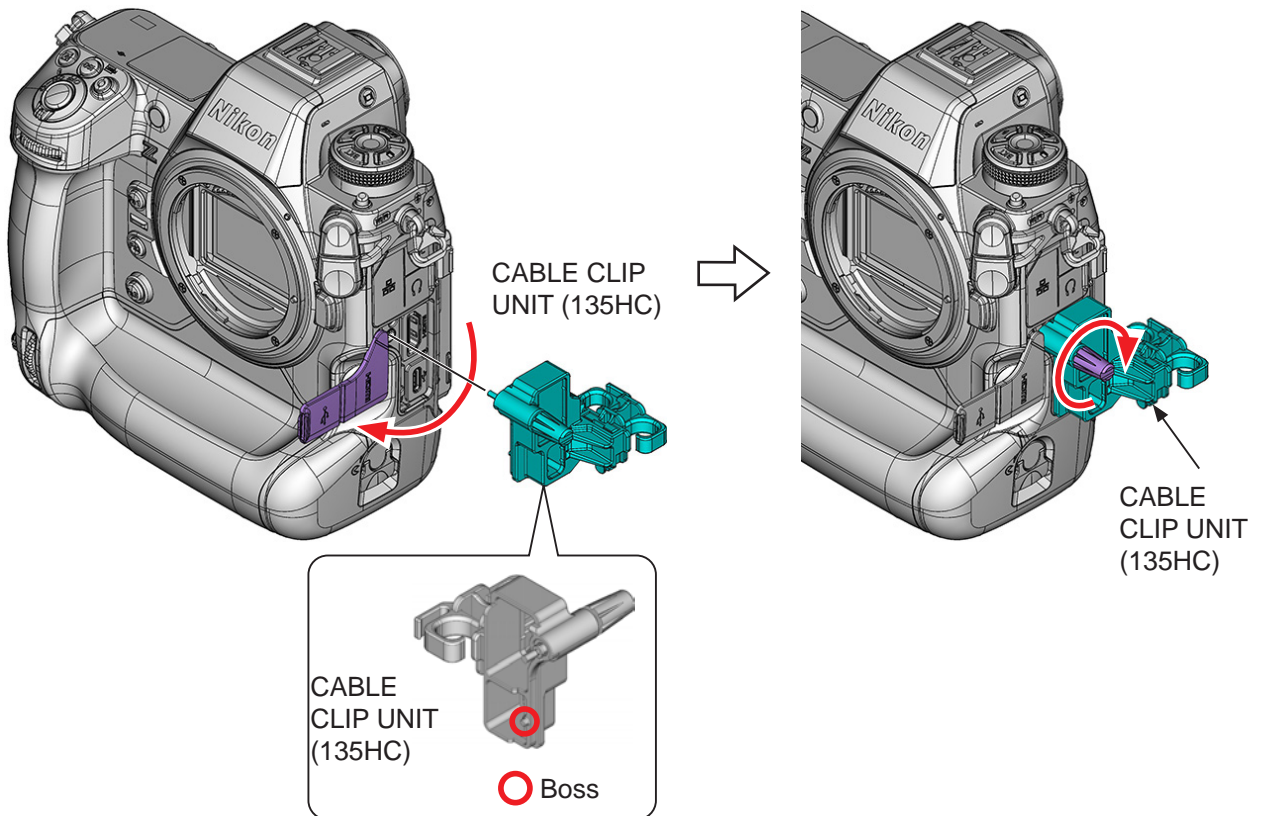






LEN317A

CABLE CLIP UNIT



Switch Inspection Process

Tools and parts required:

- Your mirrorless camera

Switch inspection

Follow the steps below to perform a switch inspection.

Inspection procedure

1 Check the switch

Operate the all switches of camera and check whether the assigned function is working.

IMPORTANT

- If any switches do not work properly, we recommend that you disassemble and repair the product again

AF Accuracy Inspection Process

When performing repairs that involve disassembling and reassembling your camera, check the AF accuracy before and after disassembling.

Tools and parts required:

- Your mirrorless camera
- Tripod
- Indoor lighting (Use the flickerless light.)
- Commercially available focus chart that can measure the focus position
 - Focus charts can be purchased at stores that sell camera-related products or online stores that sell camera-related products.
 - Nikon hereby disclaims all responsibility and liability for any focus charts or other items purchased from third party retailers.

Camera settings

- The AF accuracy is inspected using your own mirrorless camera, so please make sure that there are no abnormalities in the operation of your camera before starting the inspection.
- When performing an inspection, change the camera settings as shown below.
- Be sure to turn **OFF** "AF Fine Adjustment" as it affects the inspection results.

Set the camera as follows.

For details on the camera settings, refer to the instruction manual of the camera.

Camera settings

- Shooting mode: A mode
- Image quality mode: FINE
- Image size: L
- Aperture: Full open
- ISO sensitivity: 100 to 800 (Automatic sensitivity control OFF)
- White balance: Auto (White priority)
- Picture control: SD (All parameters 0, or clarity 1 or 2)
- AF mode: AF-S
- AF area: Single point AF
- Active D-Lighting: OFF

- Diffraction correction: ON
- Automatic distortion correction: ON
- Vignette control: Standard
- Body VR: OFF
- Exposure delay mode: one to two seconds
- AF fine adjustment: OFF

Shooting environment

Install the camera/lens and chart, referring to the figure below.

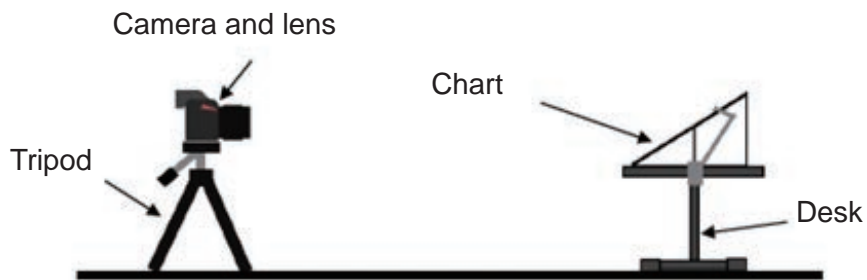
Shoot in a location that meets the following requirements:

- Place that is not affected by vibrations
- Place where the brightness can be ensured under indoor lighting.

(Please use flickerless lights.)

Example of shooting environment

The measurement method with a focus chart differs depending on the focus chart you use, so please check the instruction manual for the focus chart you are using.



AF accuracy inspection

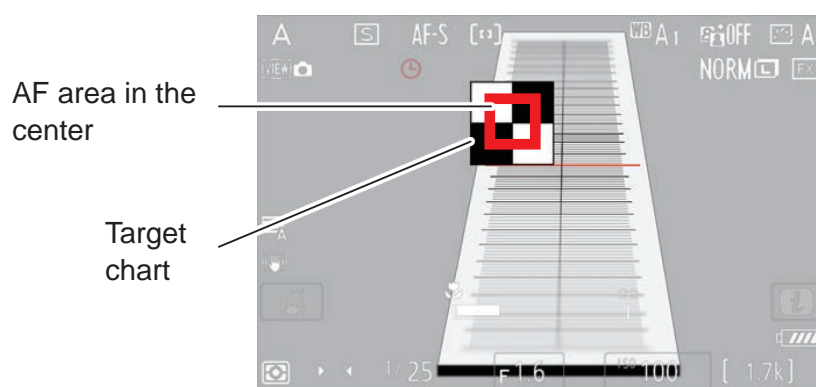
Follow the steps below to inspect the AF accuracy.

Inspection procedure

1 Adjust the camera position

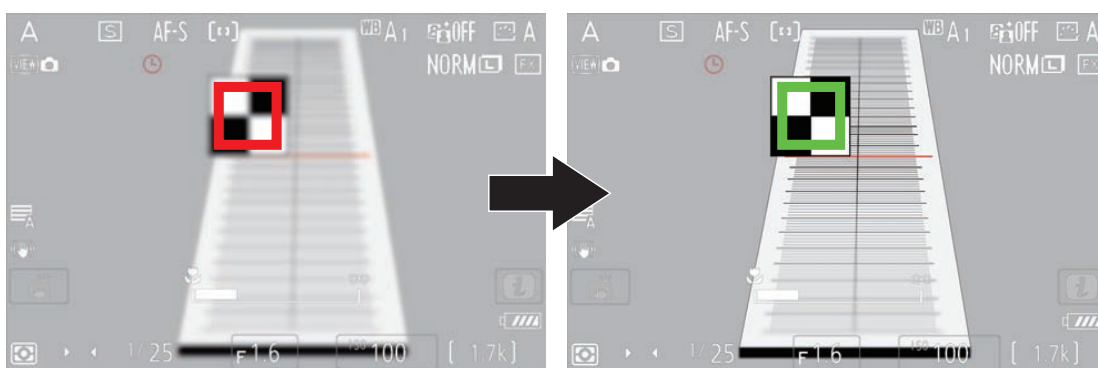
1. Adjust the shooting distance so that the entire focus chart is displayed on the screen as shown in the image below.

- Adjust the position so that the AF area in the center of the camera is aligned with the center of the target chart.



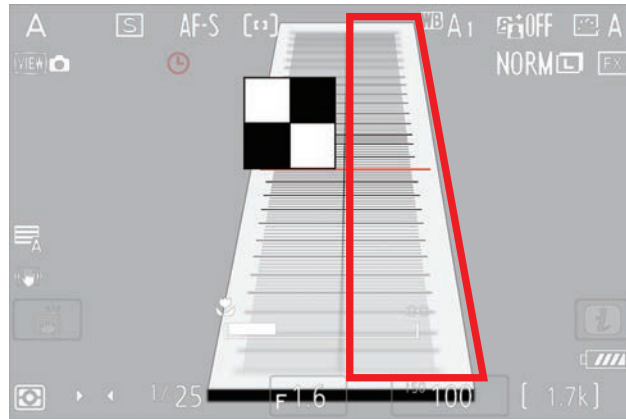
2 Check the focus

1. Turn the lens control ring clockwise viewed from the camera to change the focus to the infinity position.
2. Press the release button halfway and check that the chart is in focus.



3 Shoot the chart

1. Press the release button to shoot the target chart.
2. When checking before disassembling, check the inside of the red frame in the image, and record the focus position.



3. When checking after disassembling, confirm that there is no difference from the focus position recorded before disassembling.



CAUTION

- If the focus position is significantly different from what it was before disassembling, we recommend that you disassemble and repair the Product again.

VR function inspection process

When performing repairs that involve disassembling and reassembling the camera, check the VR function before and after disassembling.

Tools and parts required:

- Your mirrorless camera
- Non-VR lens (Example: NIKKOR Z 24-70mm f/4 S)
- Commercially available shooting chart (Example: Siemens Star Chart) that can measure the focus position
 - A Chart can be purchased at stores that sell camera-related products or online stores that sell camera-related products.
 - Nikon hereby disclaims all responsibility and liability for any focus charts or other items purchased from third party retailers.

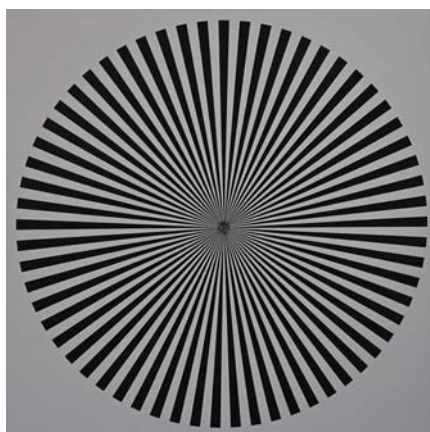
VR function inspection

Follow the steps below to perform a VR function inspection.

Inspection procedure

1 Preparation

Set the camera and the lens like the following image.



Shooting chart
(Example : Siemens Star Chart)



Lens

Camera

Camera settings

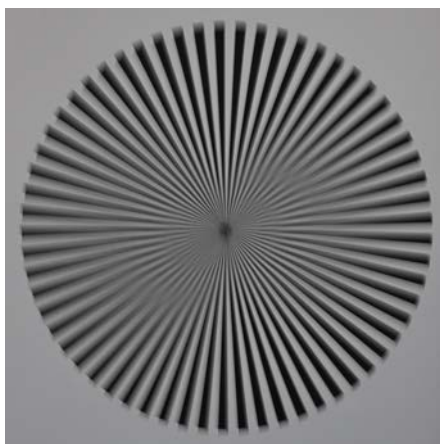
Image quality	FINE
Focus mode	AF-S
Picture Control	SD
VR	OFF / ON
Image correction function (vignetting, diffraction, distortion)	ON
Metering method	Center-weighted metering
Exposure mode	Shutter-priority auto (S)
White balance	Auto0 (Keep white)
ISO	100
Aperture	F4(Full open),
Shutter Speed	The reciprocal of the focal length of a lens (For example, if use a 50mm lens, set it to 1/50.)

Note: Use the default settings except for the above settings.

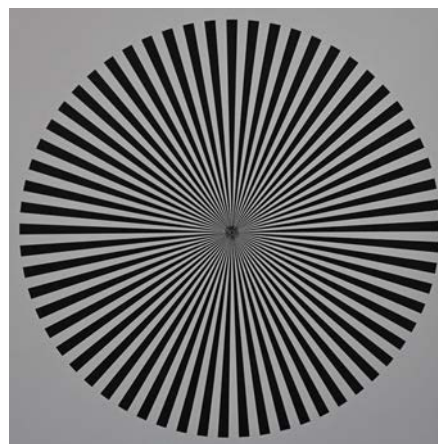
2 Inspection

To check the hand-shaking VR effect, turn ON/OFF the VR function and take a picture of chart by hand. After shooting, visually check the blur-ness of the image taken at the center, referring to the following example.

Visually check example



VR:OFF



VR:ON

IMPORTANT

- If the VR effect is significantly different from before disassembly, we recommend disassembling it again and repairing it.

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