



Z fc

Repair Manual

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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.

About the illustrations used

The disassembly and assembly procedures in this manual are described using illustrations of the Z fc Silver and Black.

The actual product may differ from that of the other colors of Z fc.

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, re-use, 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 23.
- 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

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

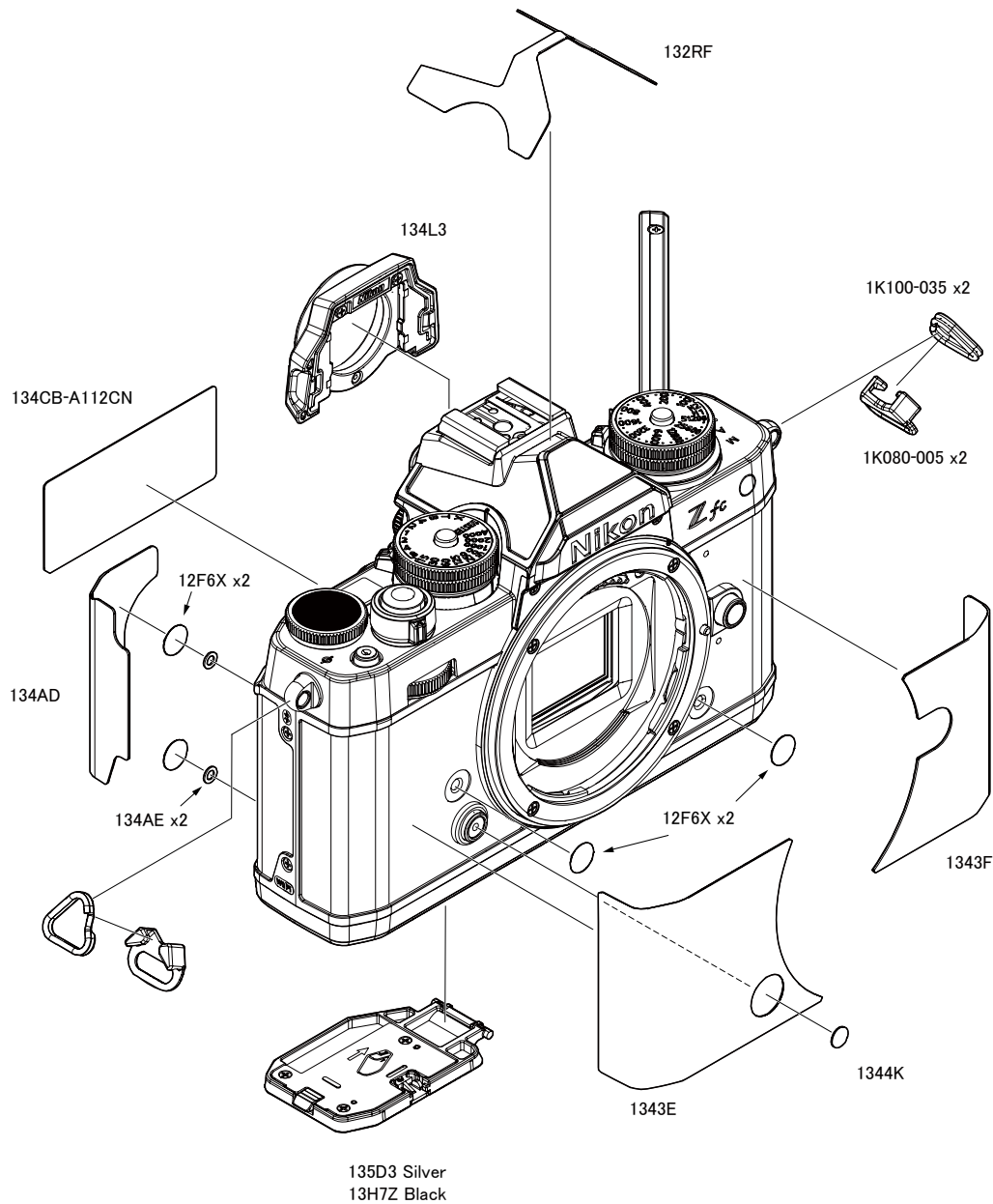
Standard service tools

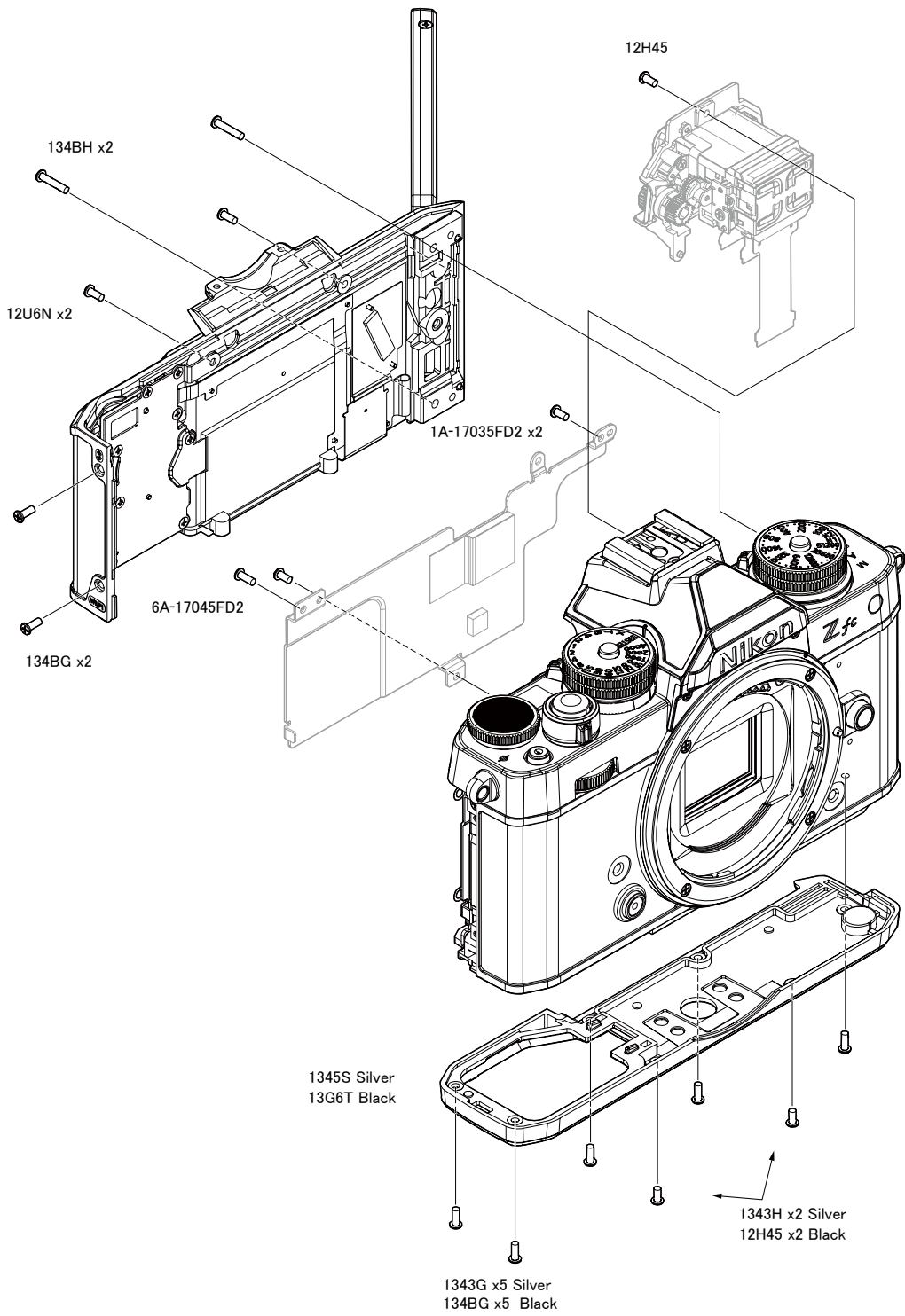
- Electrostatic discharge (ESD) mat
- Anti-ESD wrist strap (1 M Ω resistance)
- Anti-ESD gloves
- Protective eyewear
- Anti-ESD tweezers
- Ethyl alcohol
- Ethyl alcohol dispenser bottle
- Phillips screwdriver (No.0)
- Torque screwdriver (Use a product with a torque range of 0.07 N·m to 0.3 N·m.)
- Brush for lubricant
- Body cap (BF-N1)
- Cutter
- Soldering iron
- Solder
- Tripod
- Indoor lighting (Use the flickerless light.)
- Commercially available focus chart that can measure the focus position

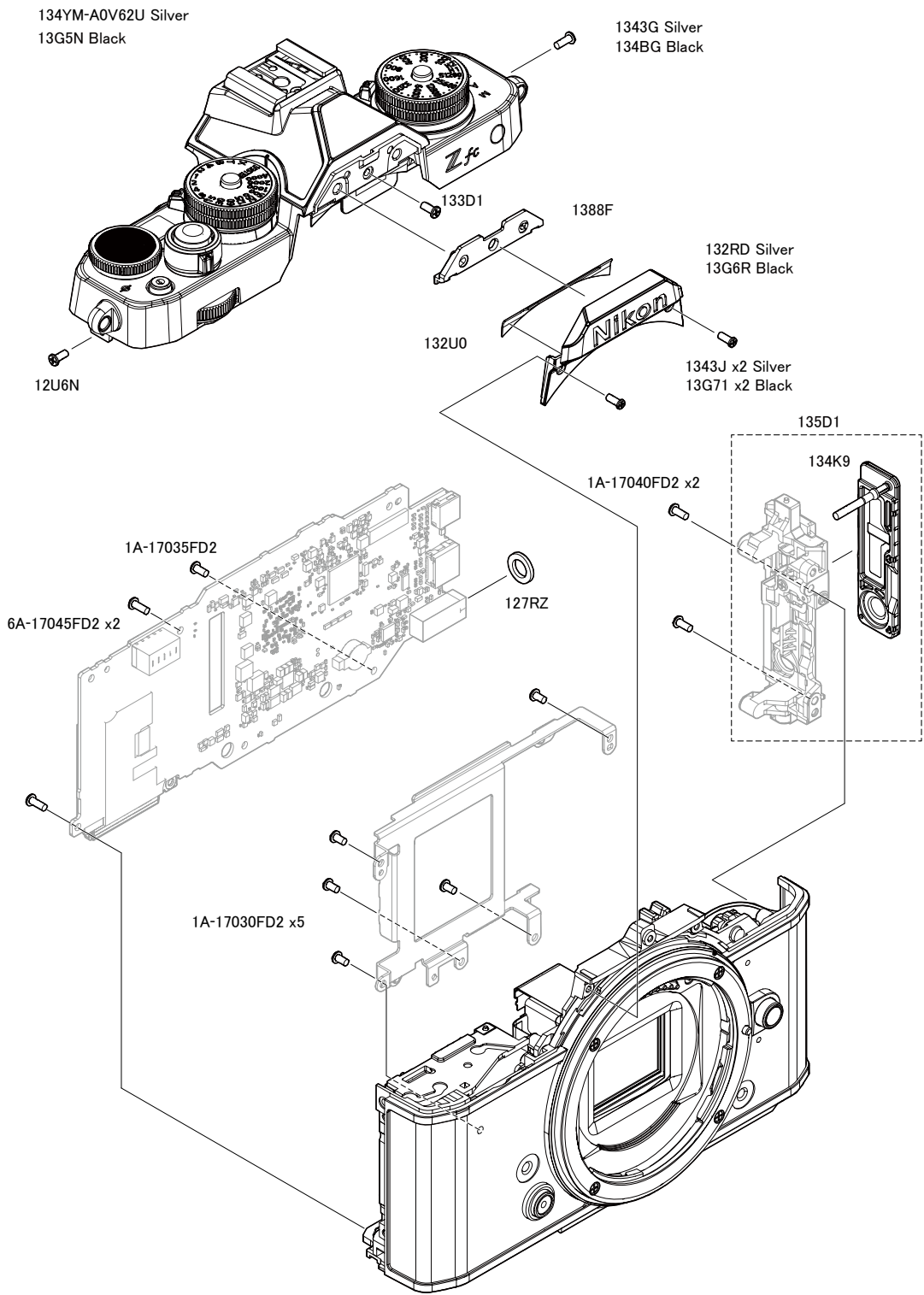
Illustrated Service Parts List

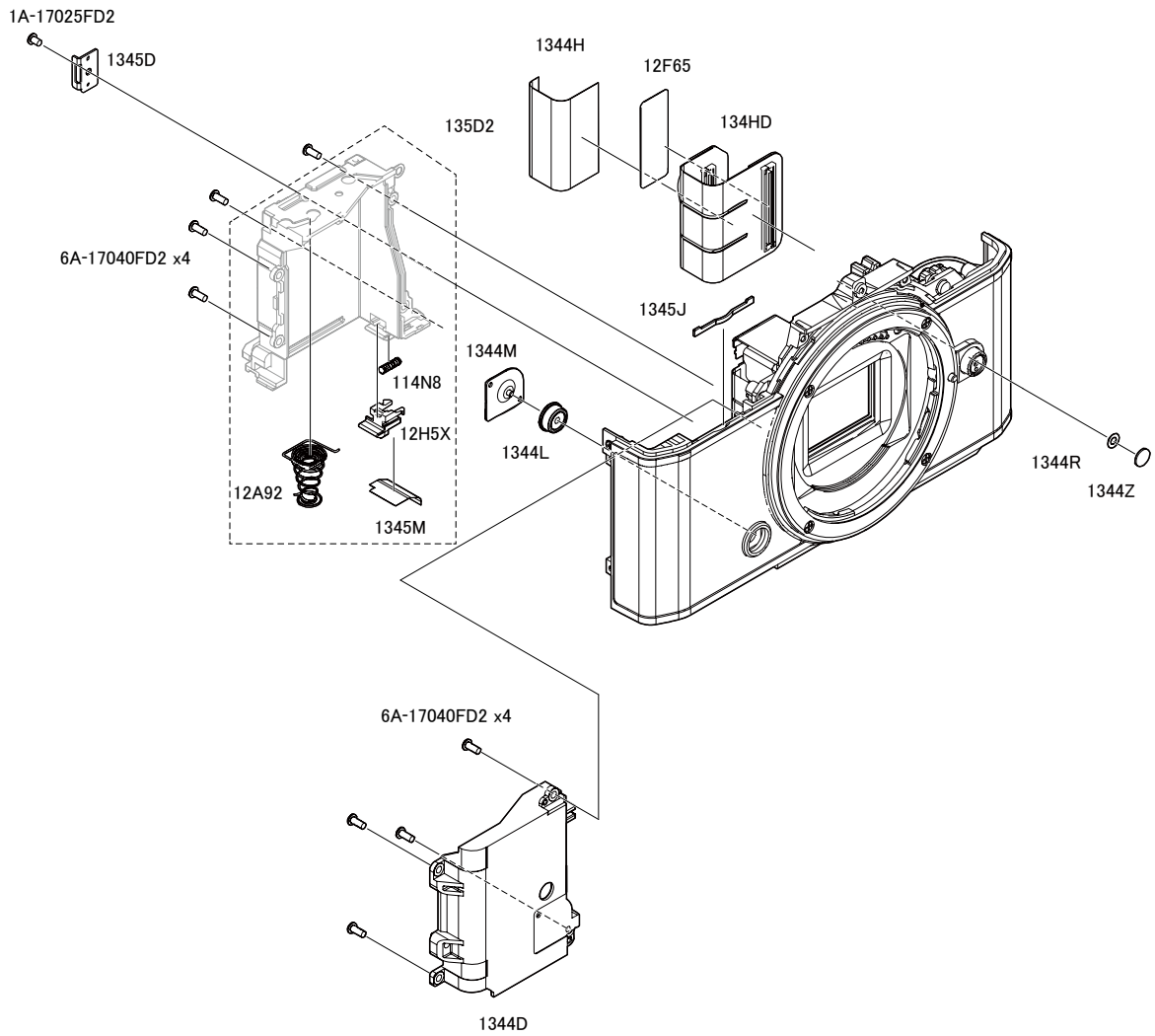
IMPORTANT

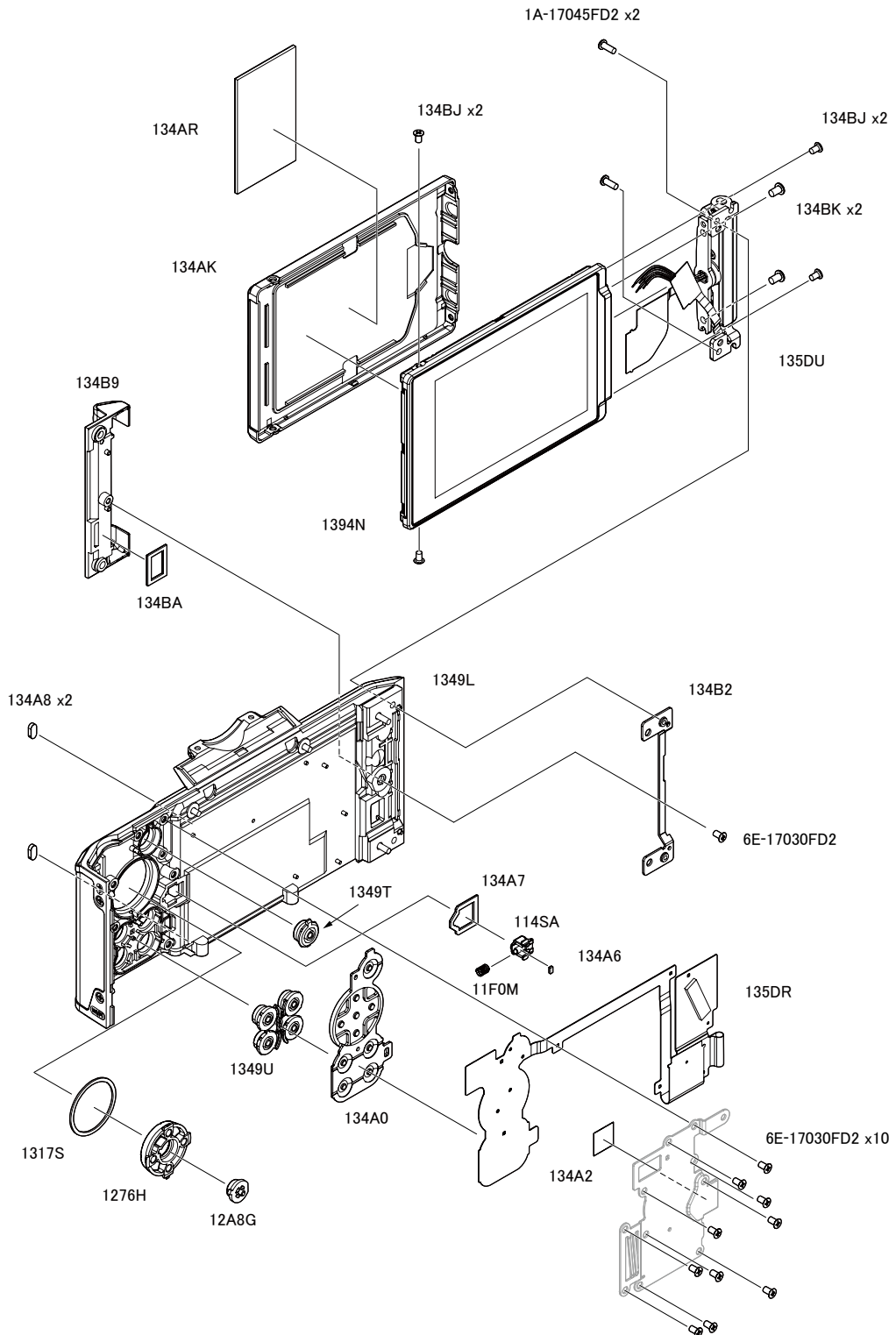
- If you need the parts marked in gray in the illustration, please contact Nikon's customer service at www.nikonproductsupport.com.
- When disassembling and reassembling the Product, be careful not to damage or lose the parts.



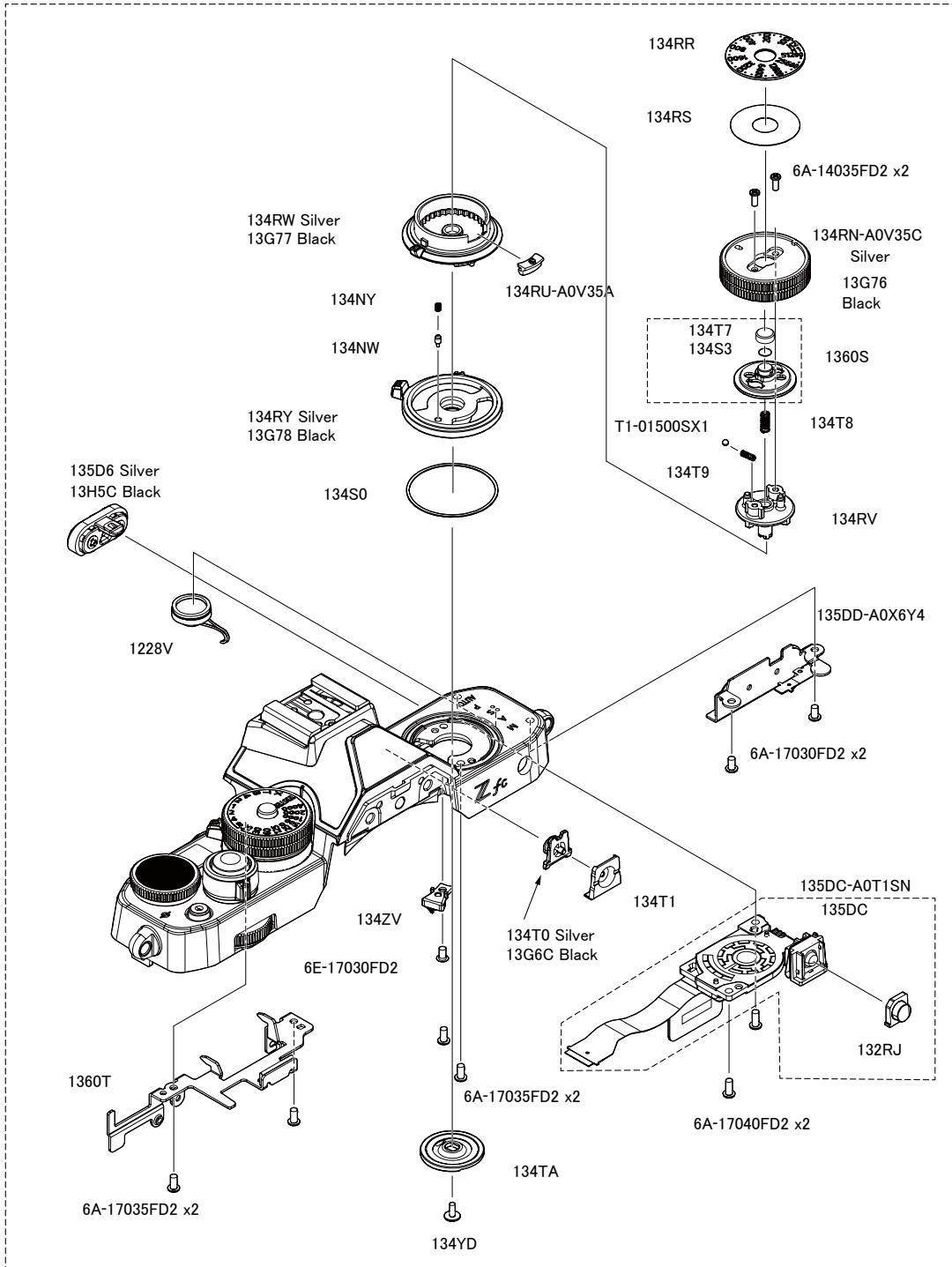




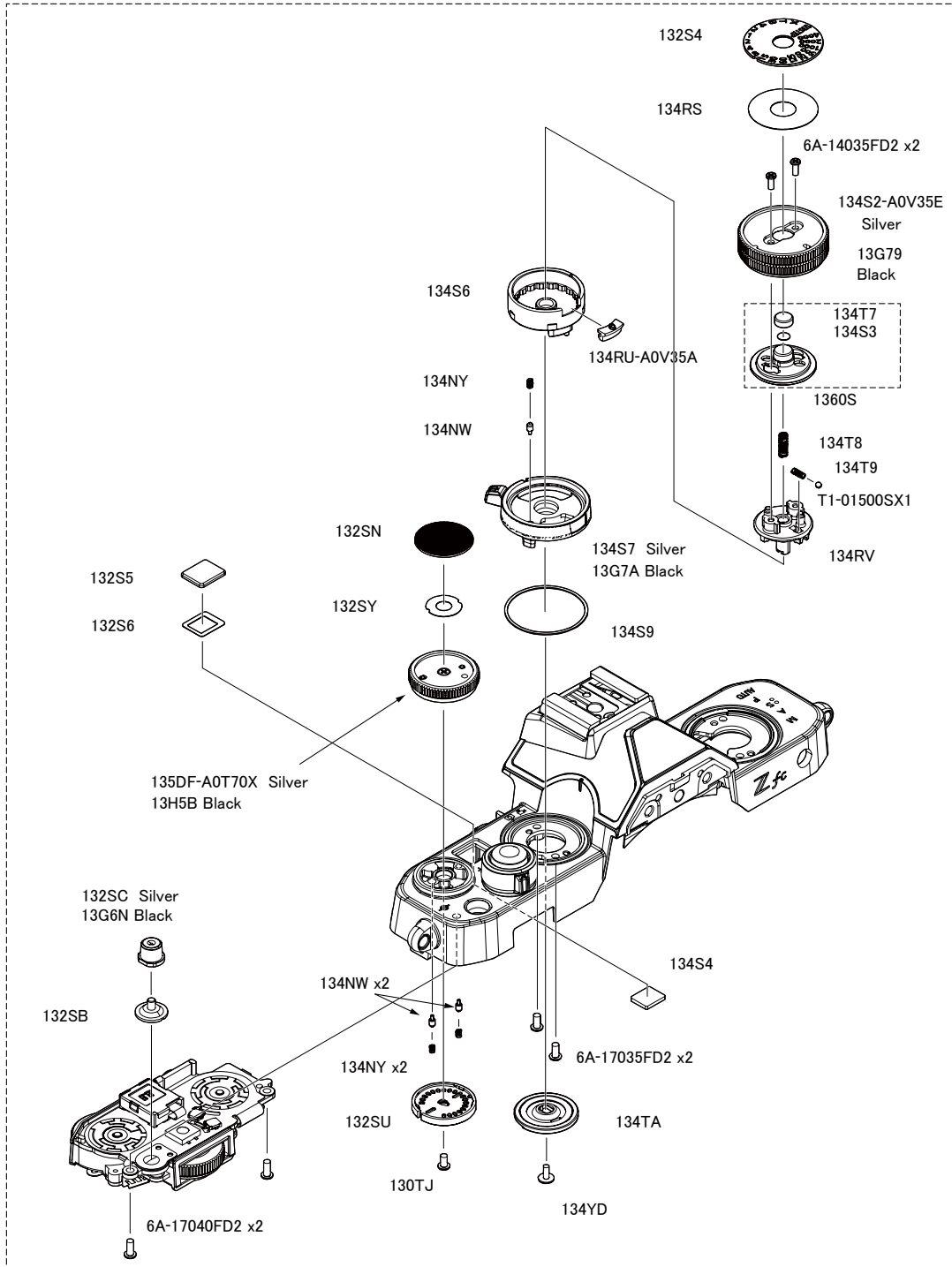




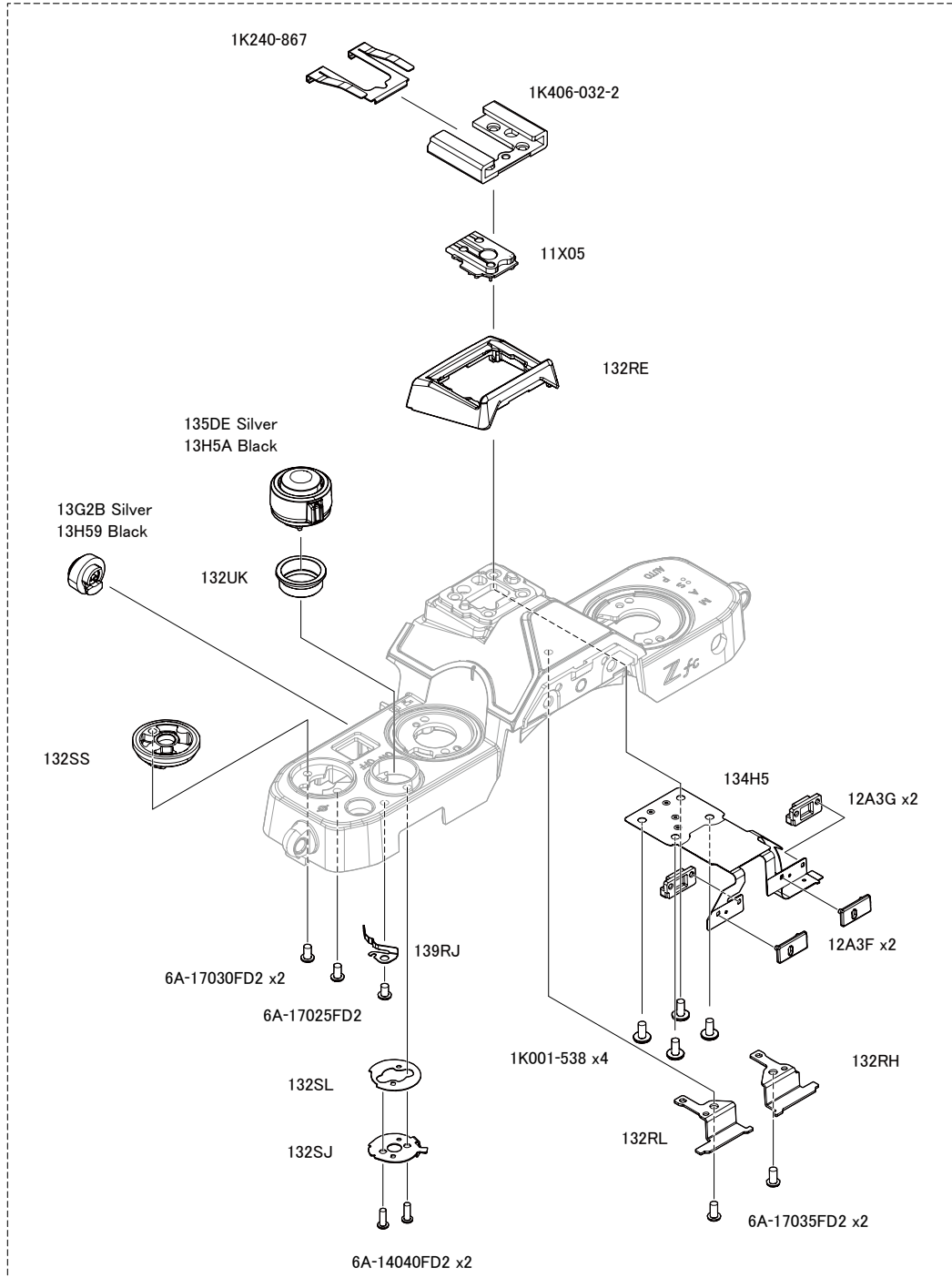
134YM-A0V62U Silver
 13G5N Black

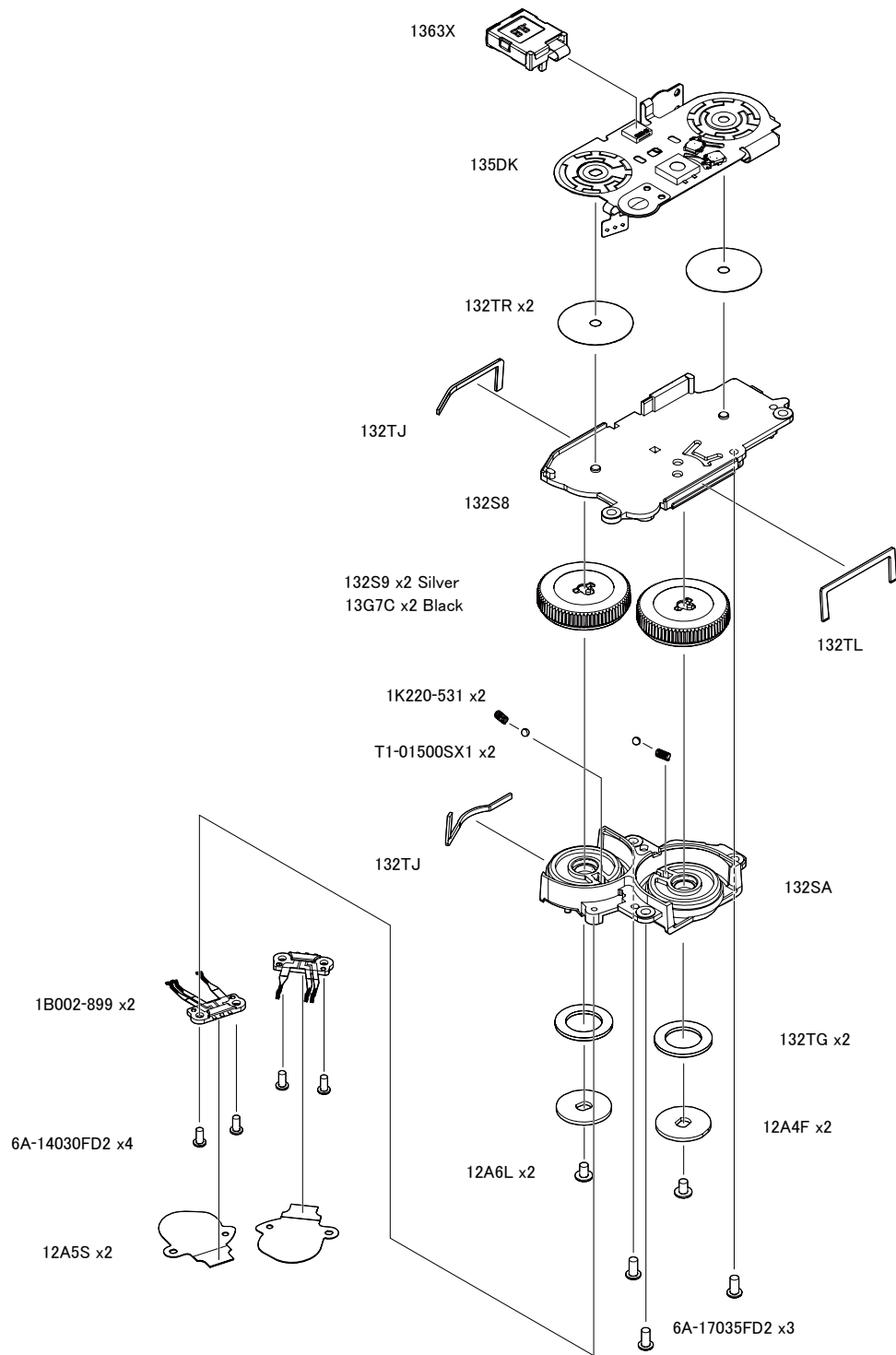


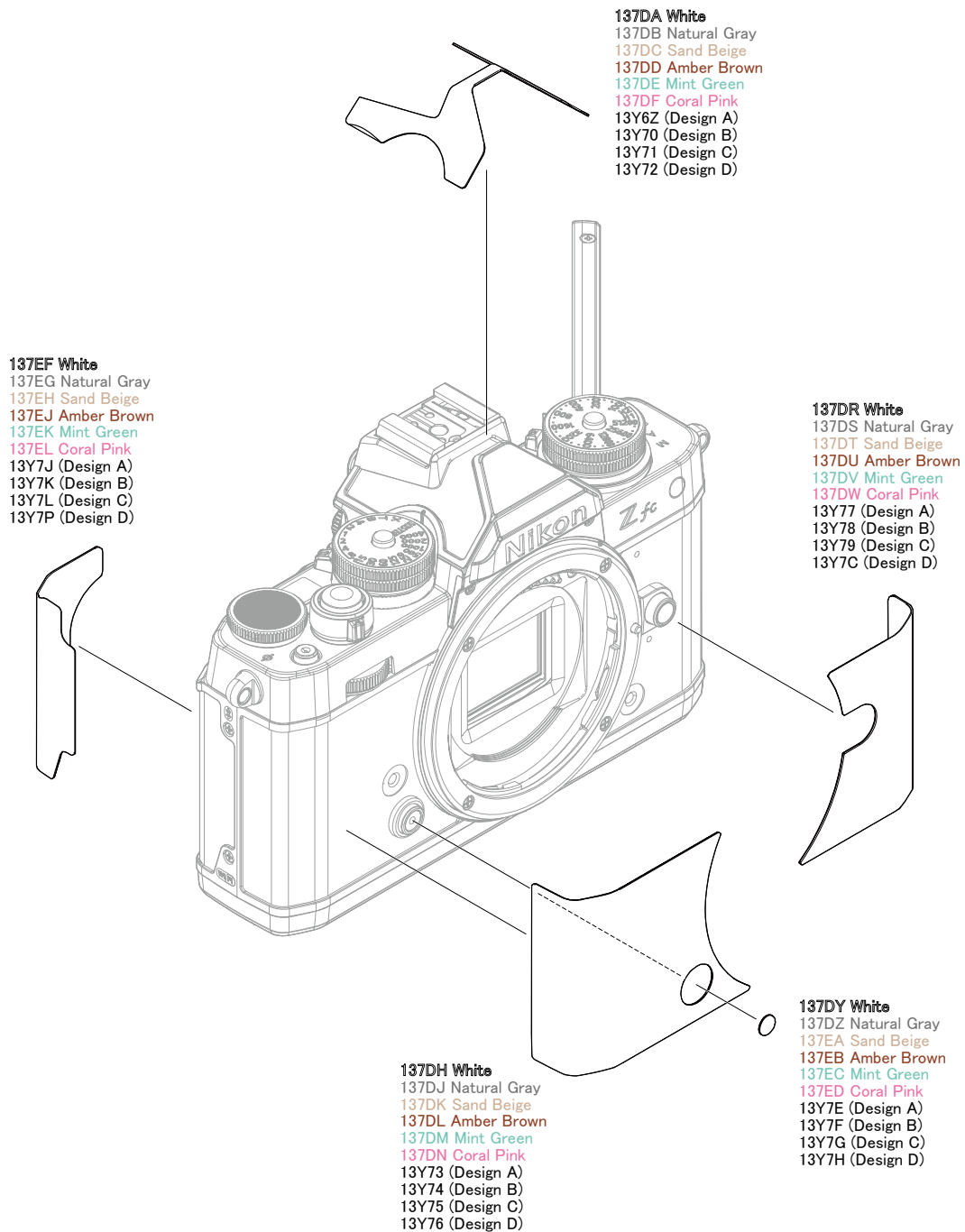
134YM-A0V62U Silver
13G5N Black



134YM-A0V62U Silver
13G5N Black



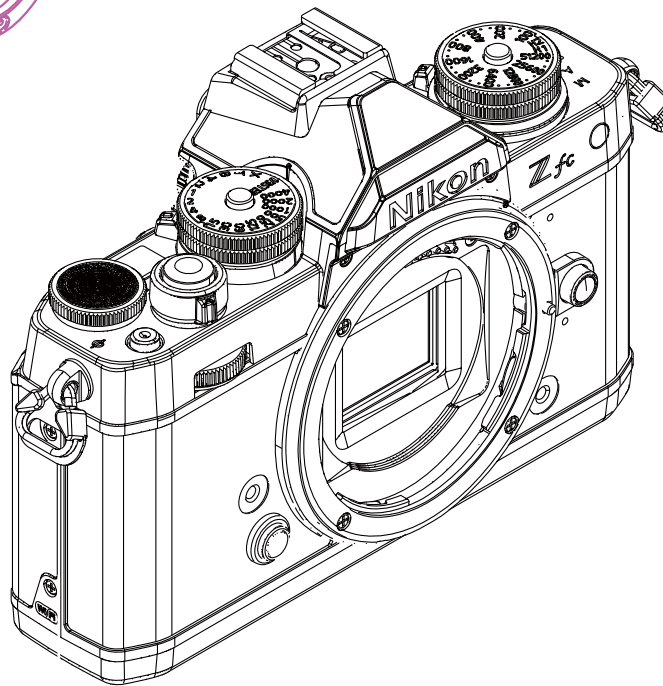
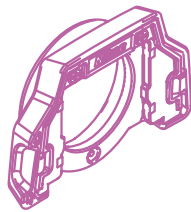




If you would like Repair Parts for "Premium Exterior Nikon Z fc Camera Model in Collaboration with HERALBONY", please contact Nikon Customer Support.

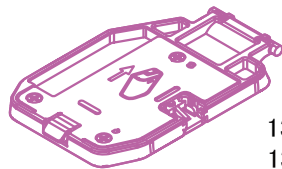
The parts highlighted in purple are not included with the CAMERA BODY UNIT

134L3



CAMERA BODY UNIT Silver

CAMERA BODY UNIT Black



135D3 Silver

13H7Z Black

Item code	Parts name	Q'ty
※	CAMERA BODY UNIT SL	1
※	CAMERA BODY UNIT BK	1
1345J	SPONGE	1
6A-17040FD2	SCREW	15
1344L	FN BUTTON	1
1344K	COVER SHEET (FN BUTTON)	1
1344M	FN BUTTON RUBBER	1
1344D	BATTERY BOX MOLD	1
1344R	TAPE	1
1344Z	LENS RELEASE BUTTON PLATE	1
1A-17035FD2	SCREW	9
135D2	BATTERY BOX UNIT	1
114N8	SPRING	1
12H5X	BATTERY LOCK HOOK	1
1345M	LIGHT SHIELDING SHEET	1
12A92	SPRING	1
134HD	IMAGE SENSOR FPC UNIT	1
12F65	SHEET	1
1344H	TAPE	1
1345D	SHADING PLATE	1
1A-17025FD2	SCREW	1
1A-17030FD2	SCREW	5
135D1	IF COVER UNIT	1
134K9	IF COVER	1
1A-17040FD2	SCREW	2
127RZ	RUBBER RING	1
6A-17045FD2	SCREW	3
1K406-032-2	HOT SHOE	1
1K240-867	HOT SHOE SPRING	1
11X05	HOT SHOE MOLD UNIT	1
132RE	HOT SHOE GUARD MOLD	1
134H5	HOT SHOE FPC UNIT	1
12A3F	RUBBER	2
12A3G	RUBBER	2
1K001-538	SCREW	4
132RH	MIC PLATE L	1
6A-17035FD2	SCREW	11
132RL	MIC PLATE R	1
132SS	EXPOSURE COMPENSATION DIAL BASE	1
6A-17030FD2	SCREW	4
6A-17025FD2	SCREW	1
132SL	SPACER	1
132SJ	CLICK PLATE	1
6A-14040FD2	SCREW	2
134NY	SPRING	4
134NW	CLICK BALL	2
132SU	EXPOSURE COMPENSATION BRUSH BASE UNIT	1
134S9	SHEET	1
134S6	COLLAR	1
134RV	COIL SPRING CASE	1
134TA	BRUSH UNIT	2
134YD	SCREW	2
T1-01500SX1	CLICK BALL	4
134T9	SPRING	2
134T8	SPRING	2
1360S	DIAL LOCK UNIT	2
134RU-A0V35A	DIAL LOCK KNOB	1
13G78	RELEASE MODE LEVER	1
134RW	COLLAR	1
13G77	COLLAR	1
134RN-A0V35C	ISO DIAL	1
13G76	ISO DIAL	1
134T0	MONITOR SWITCHING BUTTON	1

Item code	Parts name	Q'ty
13G6C	MONITOR SWITCHING BUTTON	1
13G5N	TOP COVER UNIT	1
134YM-A0V62U	TOP COVER UNIT	1
139RJ	CLICK SPRING	1
134S3	TAPE	2
134T7	DIAL LOCK BUTTON CAP	2
137DA	COVER SHEET (PENTA)(WHITE)	1
137DB	COVER SHEET (PENTA)(NATURAL GRAY)	1
137DC	COVER SHEET (PENTA)(SAND BEIGE)	1
137DD	COVER SHEET (PENTA)(AMBER BROWN)	1
137DE	COVER SHEET (PENTA)(MINT GREEN)	1
137DF	COVER SHEET (PENTA)(CORAL PINK)	1
137DH	COVER SHEET (RIGHT GRIP)(WHITE)	1
137DJ	COVER SHEET (RIGHT GRIP)(NATURAL GRAY)	1
137DK	COVER SHEET (RIGHT GRIP)(SAND BEIGE)	1
137DL	COVER SHEET (RIGHT GRIP)(AMBER BROWN)	1
137DM	COVER SHEET (RIGHT GRIP)(MINT GREEN)	1
137DN	COVER SHEET (RIGHT GRIP)(CORAL PINK)	1
137DR	COVER SHEET (LEFT GRIP)(WHITE)	1
137DS	COVER SHEET (LEFT GRIP)(NATURAL GRAY)	1
137DT	COVER SHEET (LEFT GRIP)(SAND BEIGE)	1
137DU	COVER SHEET (LEFT GRIP)(AMBER BROWN)	1
137DV	COVER SHEET (LEFT GRIP)(MINT GREEN)	1
137DW	COVER SHEET (LEFT GRIP)(CORAL PINK)	1
137DY	COVER SHEET (FN BUTTON)(WHITE)	1
137DZ	COVER SHEET (FN BUTTON)(NATURAL GRAY)	1
137EA	COVER SHEET (FN BUTTON)(SAND BEIGE)	1
137EB	COVER SHEET (FN BUTTON)(AMBER BROWN)	1
137EC	COVER SHEET (FN BUTTON)(MINT GREEN)	1
137ED	COVER SHEET (FN BUTTON)(CORAL PINK)	1
137EF	COVER SHEET (BACK)(WHITE)	1
137EG	COVER SHEET (BACK)(NATURAL GRAY)	1
137EH	COVER SHEET (BACK)(SAND BEIGE)	1
137EJ	COVER SHEET (BACK)(AMBER BROWN)	1
137EK	COVER SHEET (BACK)(MINT GREEN)	1
137EL	COVER SHEET (BACK)(CORAL PINK)	1
6A-14035FD2	SCREW	4
132S6	TAPE	1
132S5	TOP LCD WINDOW	1
134S4	LCD OPTICAL PLATE	1
132SB	REC. BUTTON RUBBER	1
132SA	COMMAND DIAL CASE	1
1K220-531	CLICK SPRING	2
132TG	SPONGE	2
12A4F	PATTERN PLATE	2
12A6L	SCREW	2
132S8	COMMAND DIAL BASE	1
132TR	TAPE	2
132TJ	SPONGE	1
132TL	SPONGE	1
1B002-899	COMMAND BRUSH UNIT	2
6A-14030FD2	SCREW	4
12A5S	BRUSH PROTECT PLATE	2
135DK	TOP COVER FPC UNIT	1
1363X	TOP LCD UNIT	1
134S0	SHEET	1
134ZV	BRUSH MOLD UNIT	1
6E-17030FD2	SCREW	12
134T1	MONITOR SWITCHING BUTTON RUBBER	1
1228V	SPEAKER	1
135DD-A0X6Y4	BUTTON FPC UNIT	1
1360T	EVF PLATE UNIT	1
132RJ	AF ASSIST ILLUMINATOR WINDOW	1

Item code	Parts name	Q'ty
135DC-A0T1SN	ISO DIAL BASE UNIT	1
134RS	TAPE	1
132SY	TAPE	1
134RR	ISO DIAL PLATE	1
132S4	SHUTTER DIAL PLATE	1
132SN	EXPOSURE COMPENSATION DIAL PLATE	1
133D1	SCREW	1
12U6N	SCREW	3
1388F	MIC RUBBER UNIT	1
132U0	SHEET	1
12H45	SCREW	3
1349L	REAR COVER	1
134A8	RUBBER	2
1317S	SPONGE	1
1276H	MULTI SELECTOR	1
12A8G	OK BUTTON	1
1349T	I BUTTON	1
1349U	FOURTH BUTTON	1
134A0	RUBBER	1
135DR	REAR FPC UNIT	1
114SA	LOCK KNOB	1
134A6	SPONGE	1
11F0M	SPRING	1
134A7	SPONGE	1
134A2	SHEET	1
134B2	HINGE PLATE	1
135DU	HINGE UNIT	1
134BK	SCREW	2
134AK	MONITOR COVER	1
134AR	SPONGE	1
134BJ	SCREW	4
1A-17045FD2	SCREW	2
134B9	HINGE COVER	1
134BA	SPONGE	1
134BH	SCREW	2
134BG	SCREW	8
1K100-035	NECK-STRAP RING	2
1K080-005	NECK-STRAP RING COVER	2
12F6X	SHEET	4
1343E	COVER SHEET (RIGHT GRIP)	1
1343F	COVER SHEET (LEFT GRIP)	1
134AE	SHEET	2
134AD	COVER SHEET (BACK)	1
132RF	COVER SHEET (PENTA)	1
134L3	EYEPiece UNIT	1
1394N	MONITOR UNIT	1
134CB-A112CN	LICENSE LABEL (US 30-)	1
130TJ	SCREW	1
132UK	COLLAR	1
13G2B	AE-L/AF-L BUTTON UNIT	1
13H59	AE-L/AF-L BUTTON UNIT	1
135DE	RELEASE BUTTON UNIT	1
13H5A	RELEASE BUTTON UNIT	1
135DF-A0T70X	EXPOSURE COMPENSATION DIAL UNIT	1
13H5B	EXPOSURE COMPENSATION DIAL UNIT	1
132S9	COMMAND DIAL	2
13G7C	COMMAND DIAL	2
135D6	PLAY/DELETE BUTTON UNIT	1
13H5C	PLAY/DELETE BUTTON UNIT	1
135D3	BATTERY CAP UNIT	1
13H7Z	BATTERY CAP UNIT	1
1345S	BOTTOM COVER	1
13G6T	BOTTOM COVER	1

Item code	Parts name	Q'ty
1343H	SCREW	2
1343G	SCREW	6
134BG	SCREW	5
132RD	LOGO PLATE	1
13G6R	LOGO PLATE	1
1343J	SCREW	2
13G71	SCREW	2
134S7	LV LEVER	1
13G7A	LV LEVER	1
134S2-A0V35E	SHUTTER DIAL	1
13G79	SHUTTER DIAL	1
132SC	REC. BUTTON	1
13G6N	REC. BUTTON	1
134RY	RELEASE MODE LEVER	1
13Y6Z	COVER SHEET (PENTA)(Design A)	1
13Y70	COVER SHEET (PENTA)(Design B)	1
13Y71	COVER SHEET (PENTA)(Design C)	1
13Y72	COVER SHEET (PENTA)(Design D)	1
13Y73	COVER SHEET (GRIP SIDE)(Design A)	1
13Y74	COVER SHEET (GRIP SIDE)(Design B)	1
13Y75	COVER SHEET (GRIP SIDE)(Design C)	1
13Y76	COVER SHEET (GRIP SIDE)(Design D)	1
13Y77	COVER SHEET (IF SIDE)(Design A)	1
13Y78	COVER SHEET (IF SIDE)(Design B)	1
13Y79	COVER SHEET (IF SIDE)(Design C)	1
13Y7C	COVER SHEET (IF SIDE)(Design D)	1
13Y7E	COVER SHEET (FN BUTTON)(Design A)	1
13Y7F	COVER SHEET (FN BUTTON)(Design B)	1
13Y7G	COVER SHEET (FN BUTTON)(Design C)	1
13Y7H	COVER SHEET (FN BUTTON)(Design D)	1
13Y7J	COVER SHEET (BACK)(Design A)	1
13Y7K	COVER SHEET (BACK)(Design B)	1
13Y7L	COVER SHEET (BACK)(Design C)	1
13Y7P	COVER SHEET (BACK)(Design D)	1

※To place an order for this part, please contact Nikon's customer service at www.nikonproductsupport.com with the item code and part name (as applicable).

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

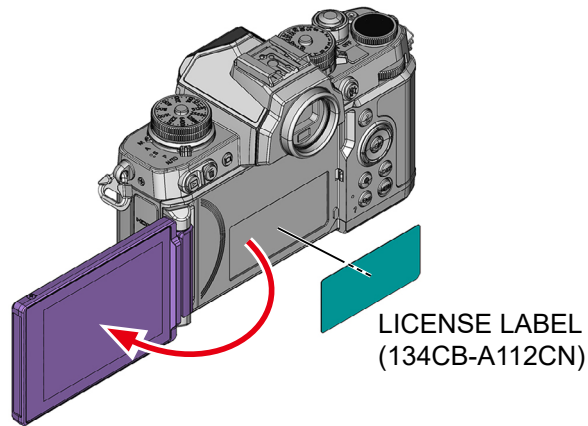
IMPORTANT

- 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.

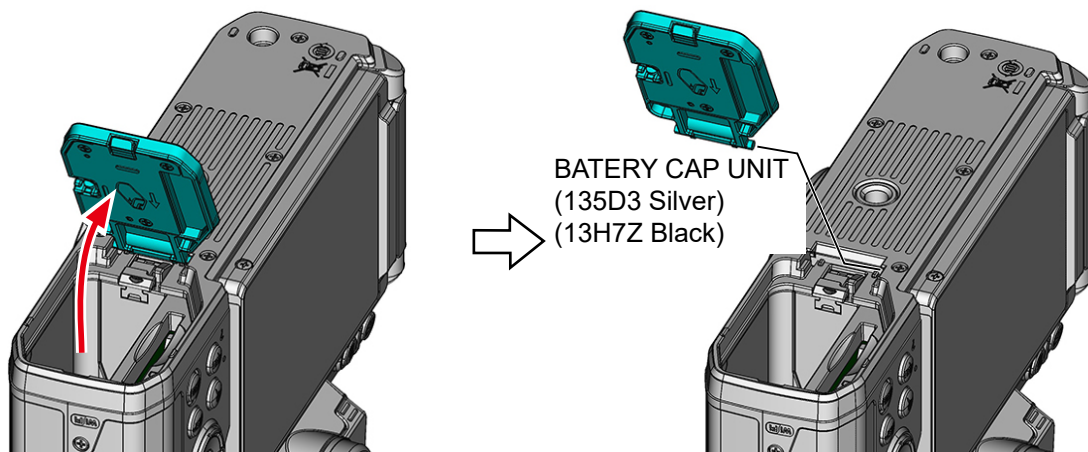
Disassembly

1. External parts

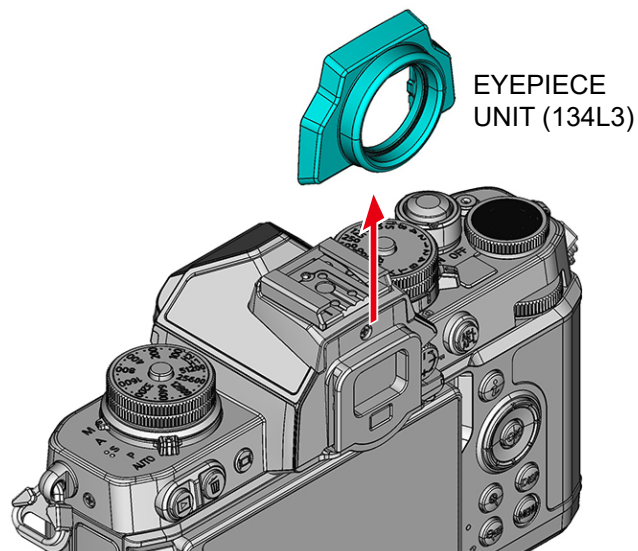
LICENSE LABEL



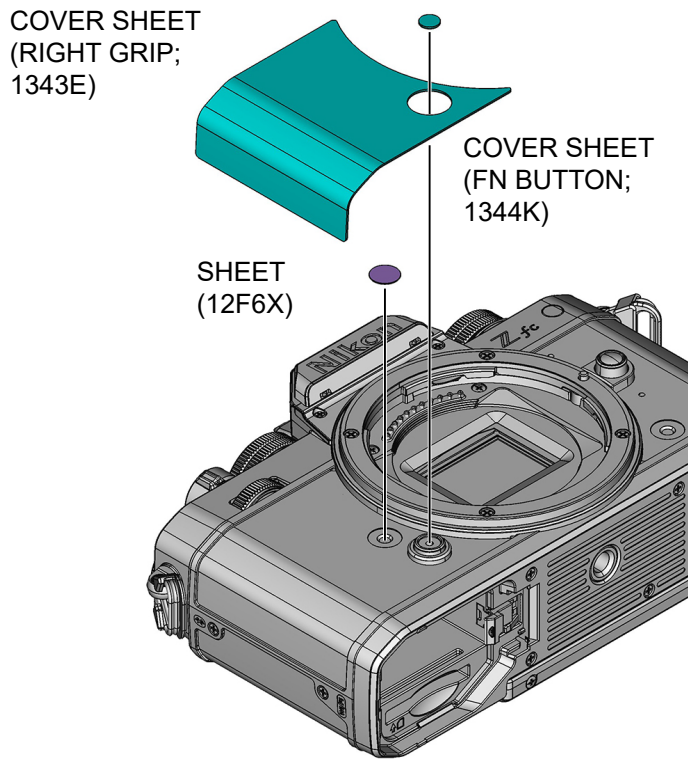
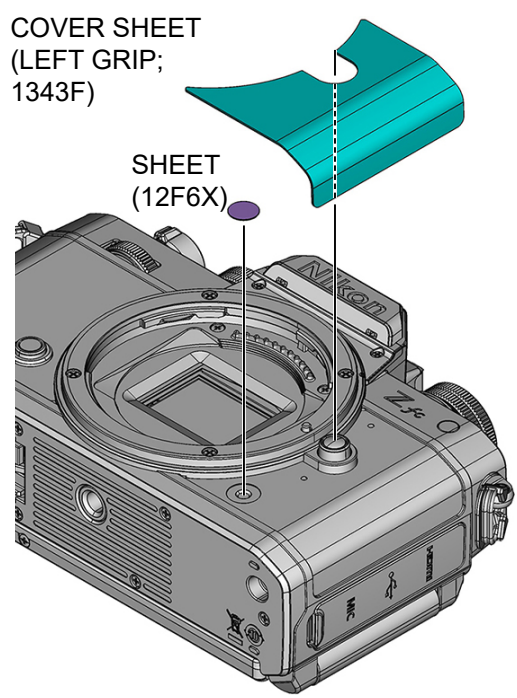
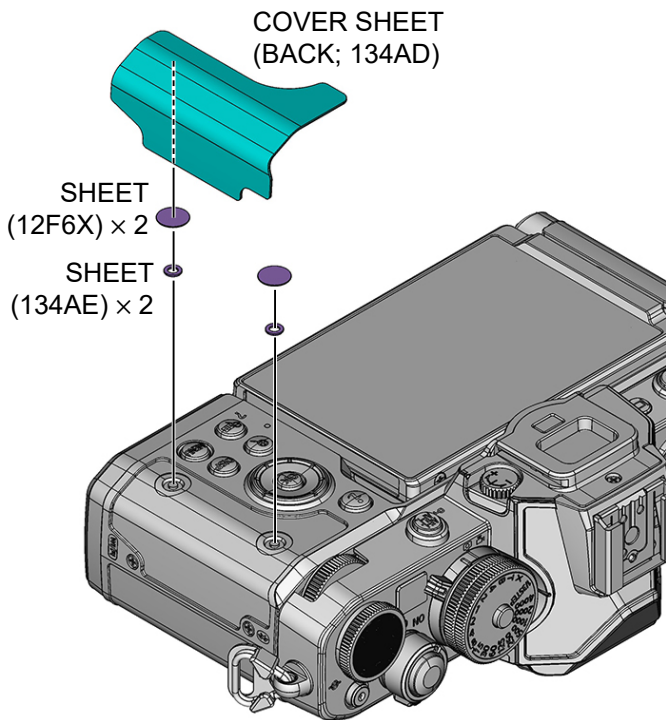
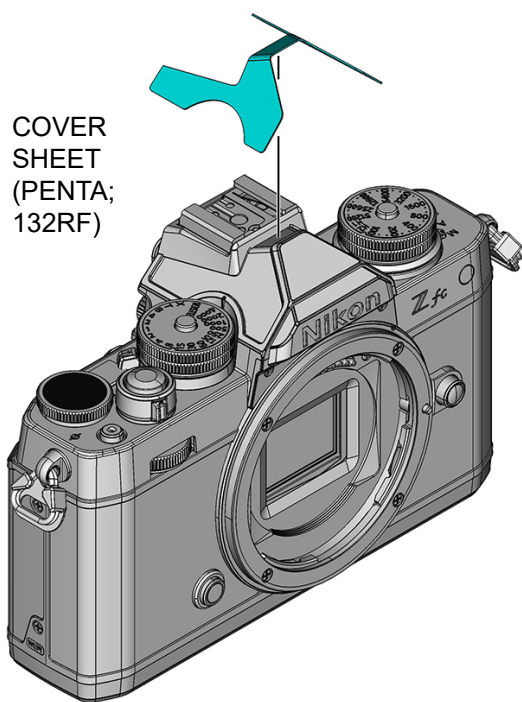
BATTERY CAP UNIT



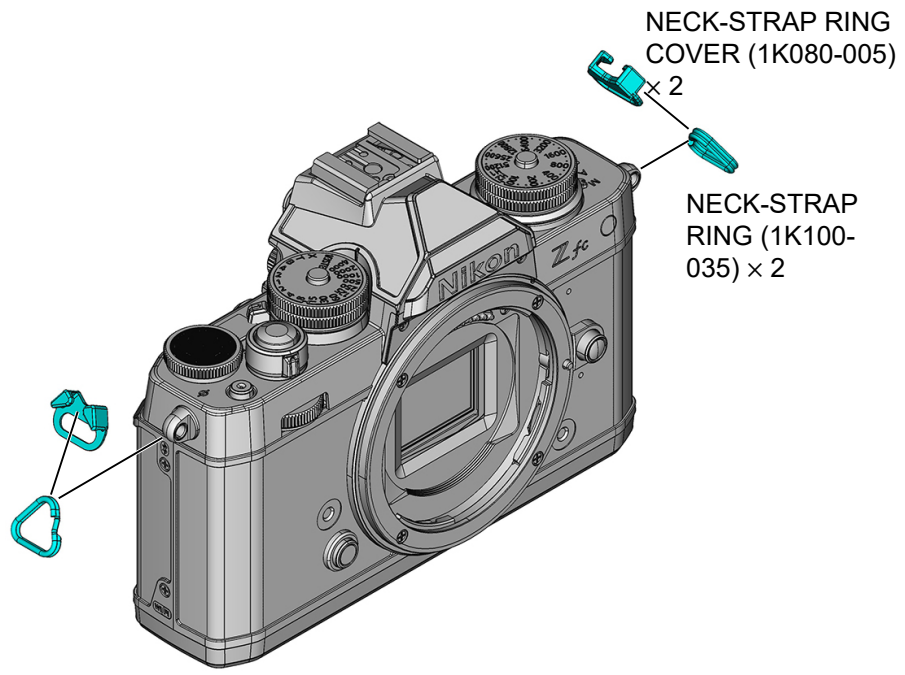
EYEPIECE UNIT



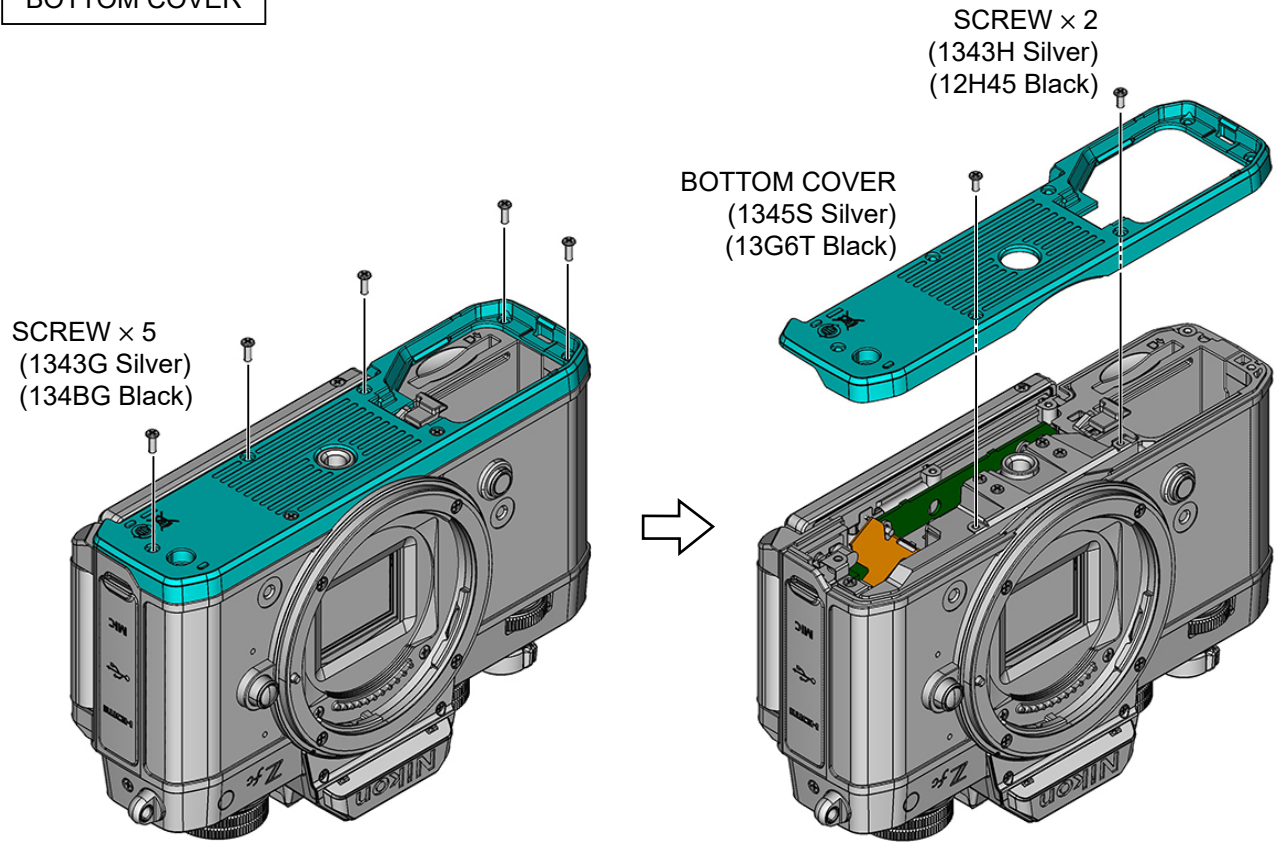
COVER SHEET



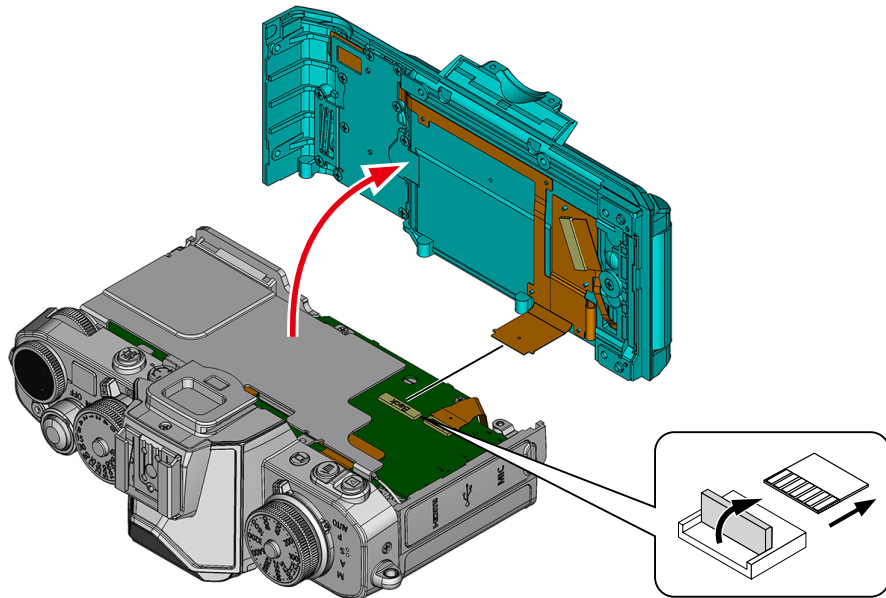
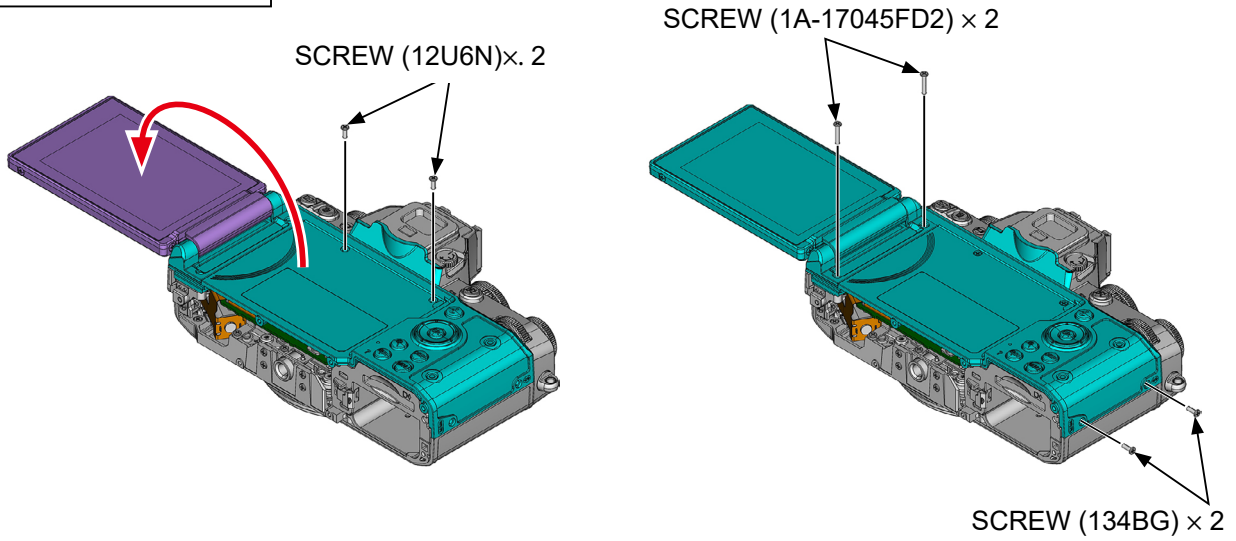
NECK-STRAP RING



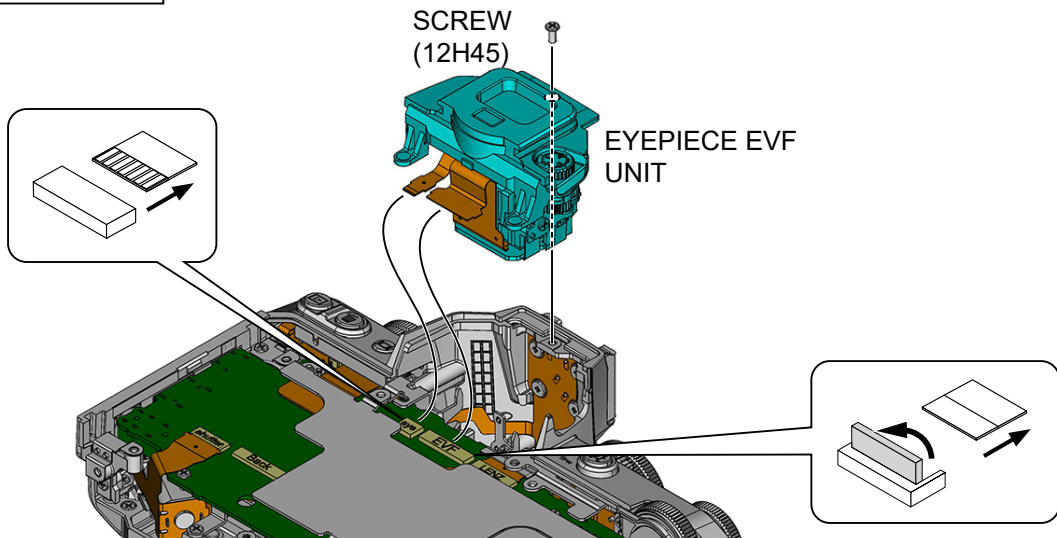
BOTTOM COVER



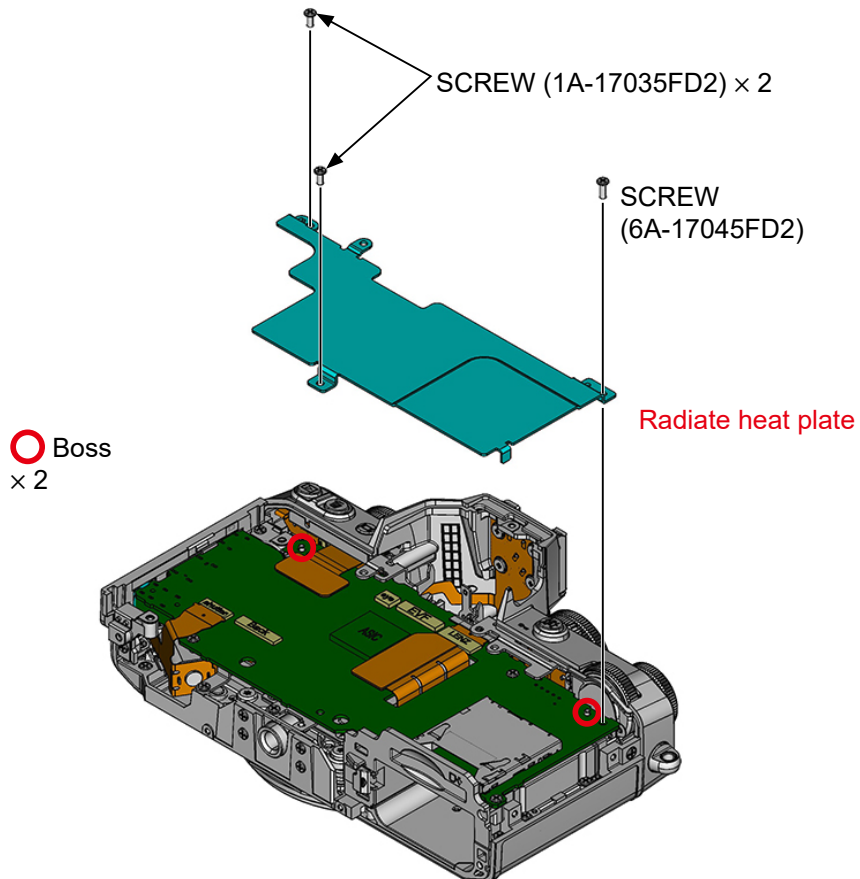
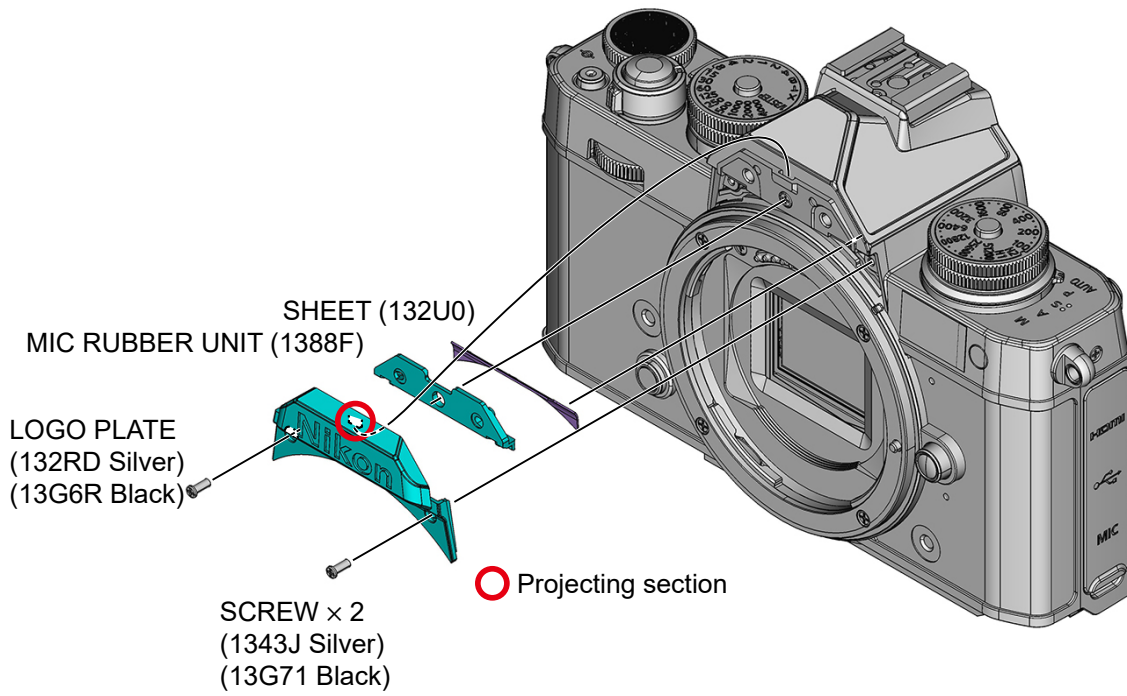
REAR COVER UNIT



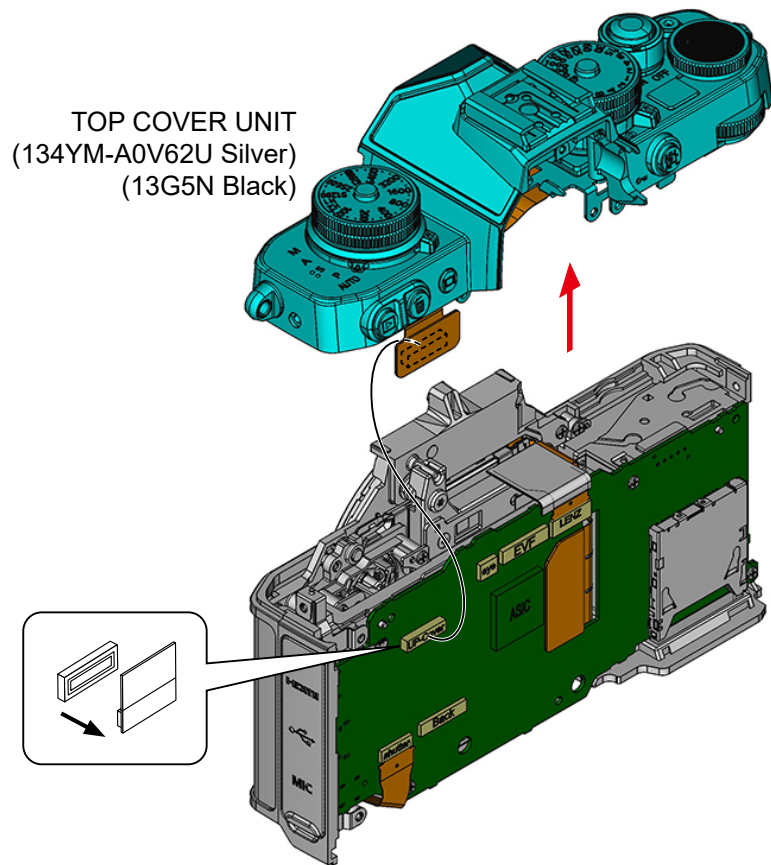
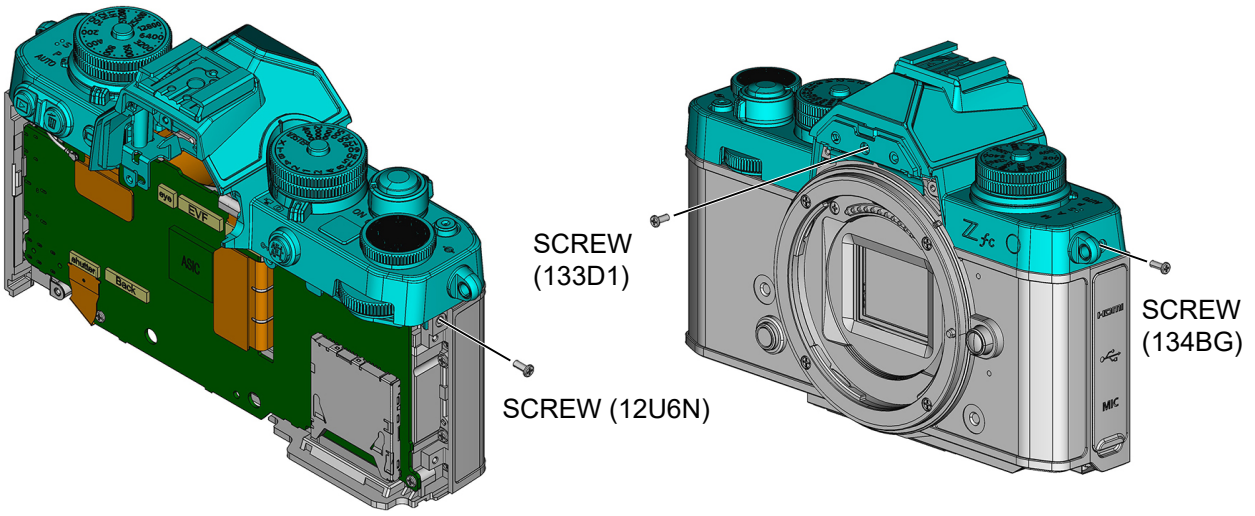
EYEPiece EVF UNIT



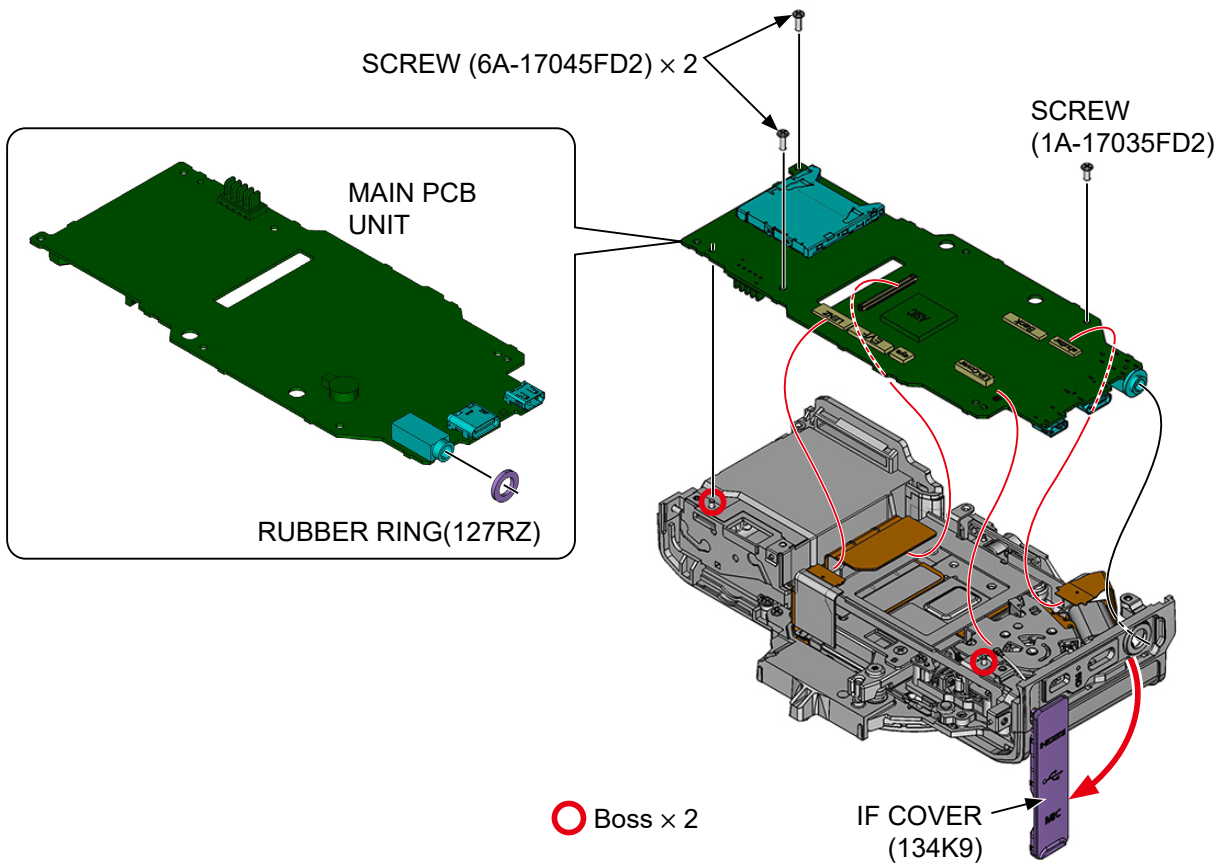
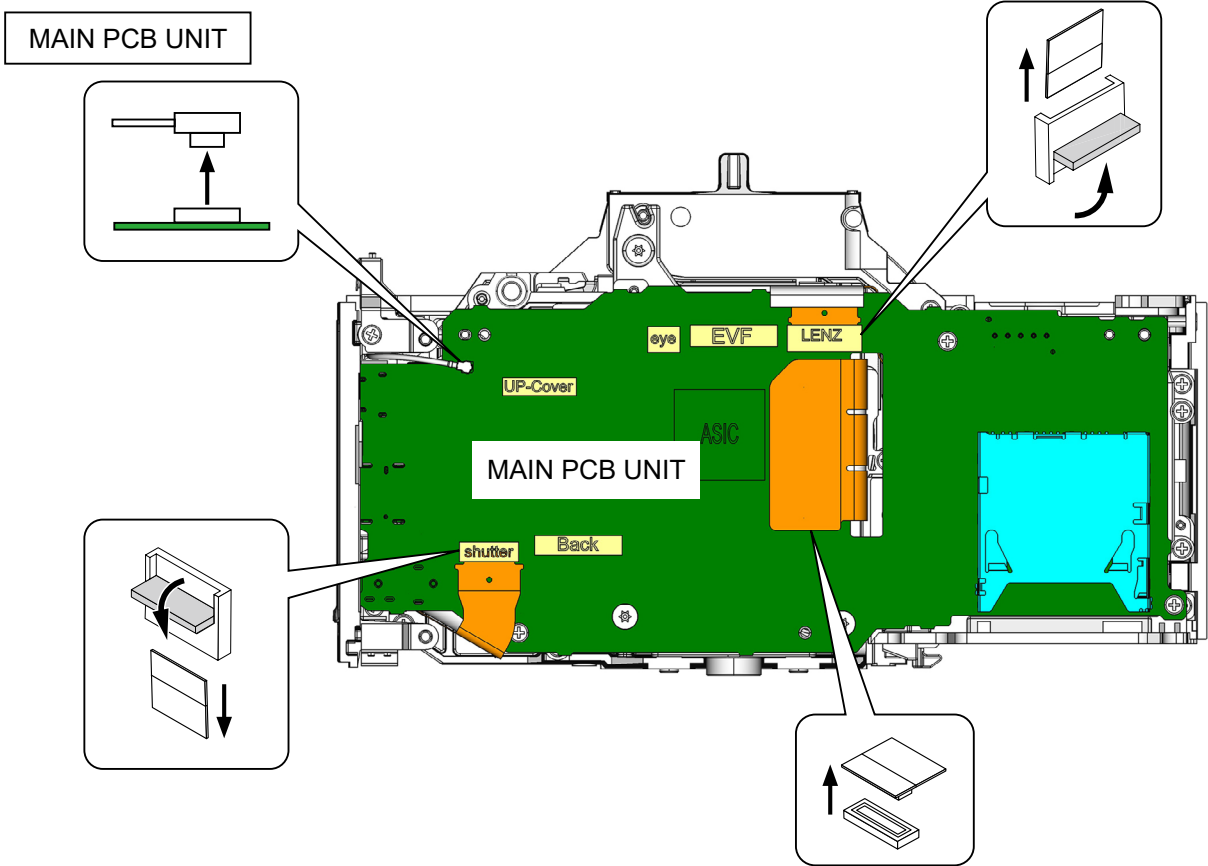
LOGO PLATE



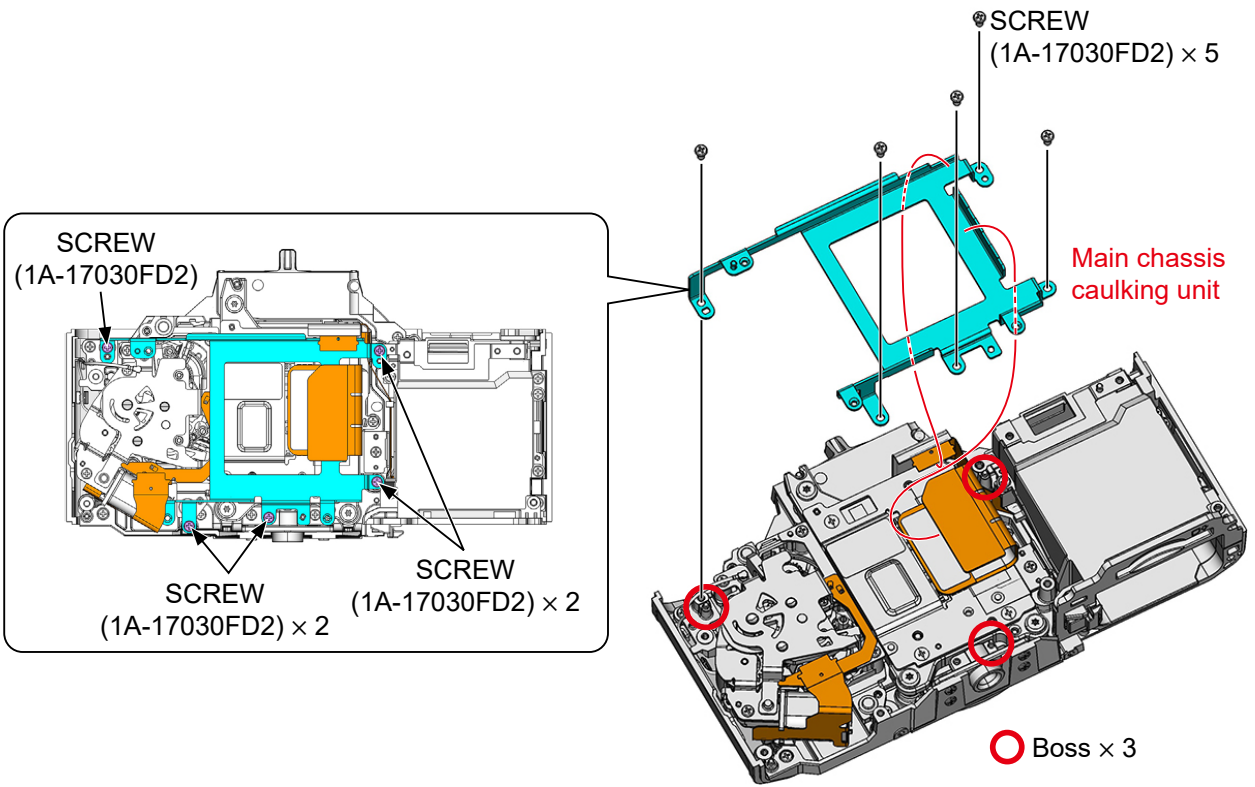
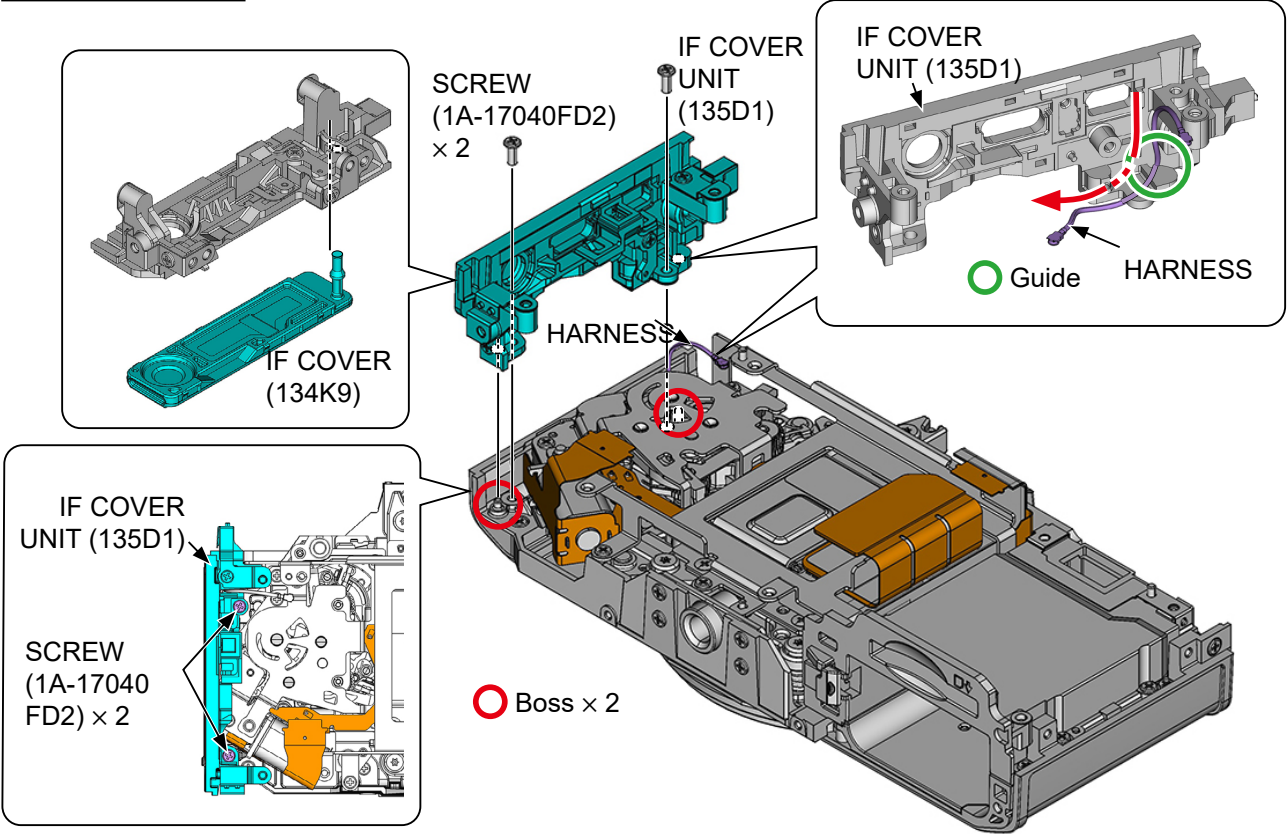
TOP COVER UNIT



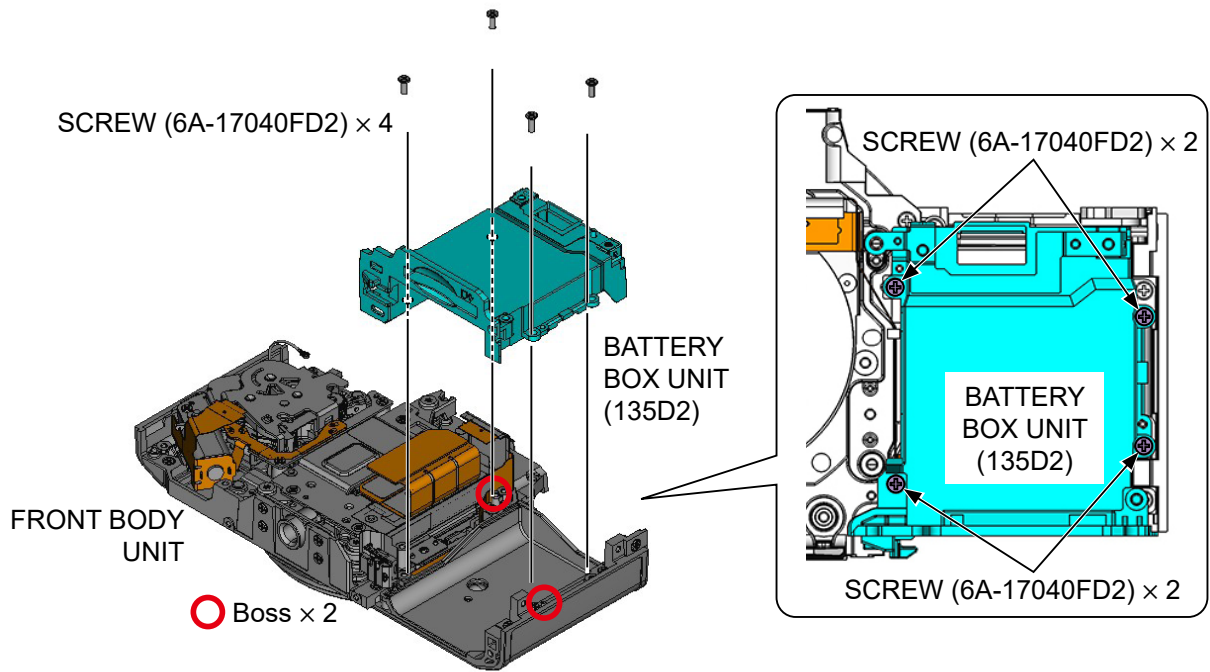
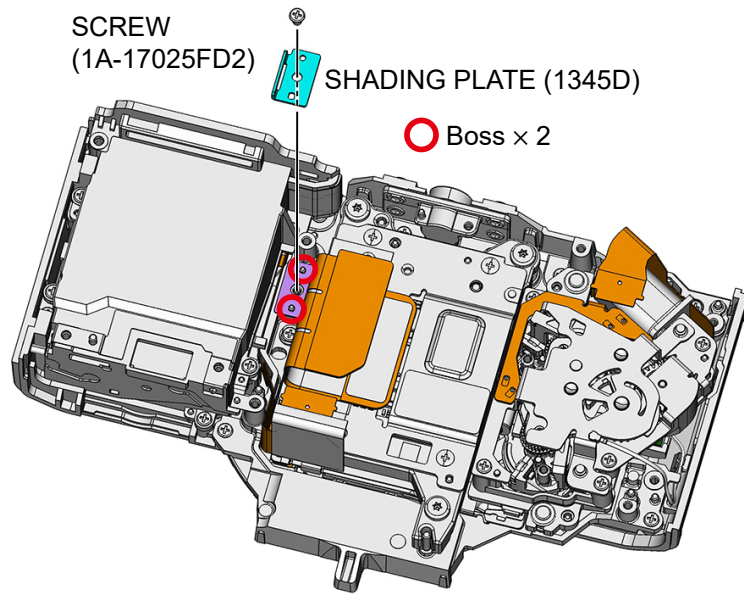
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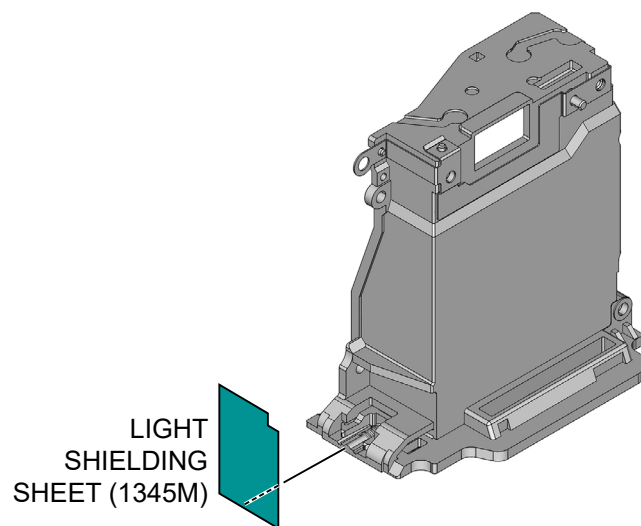
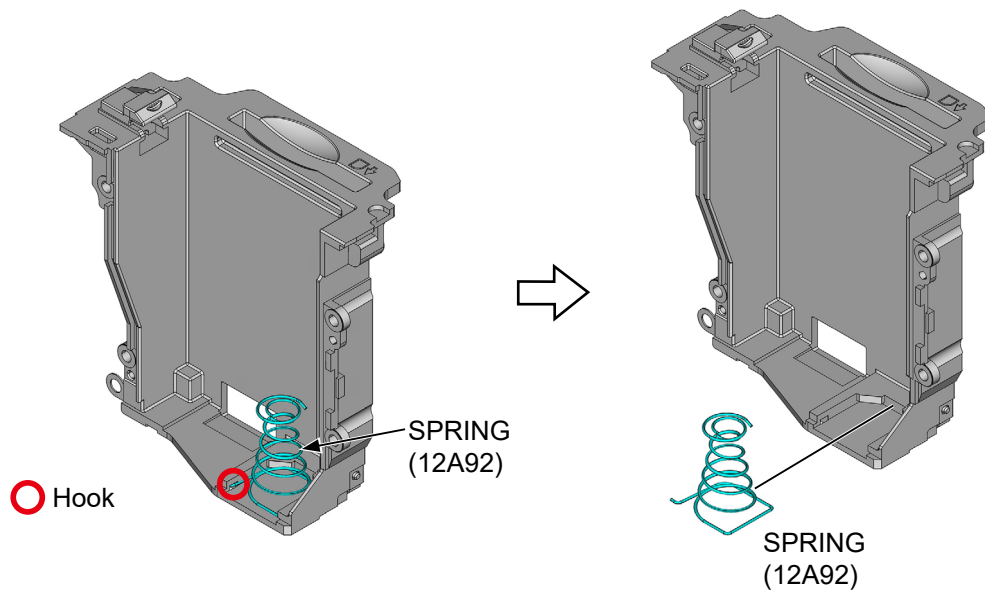


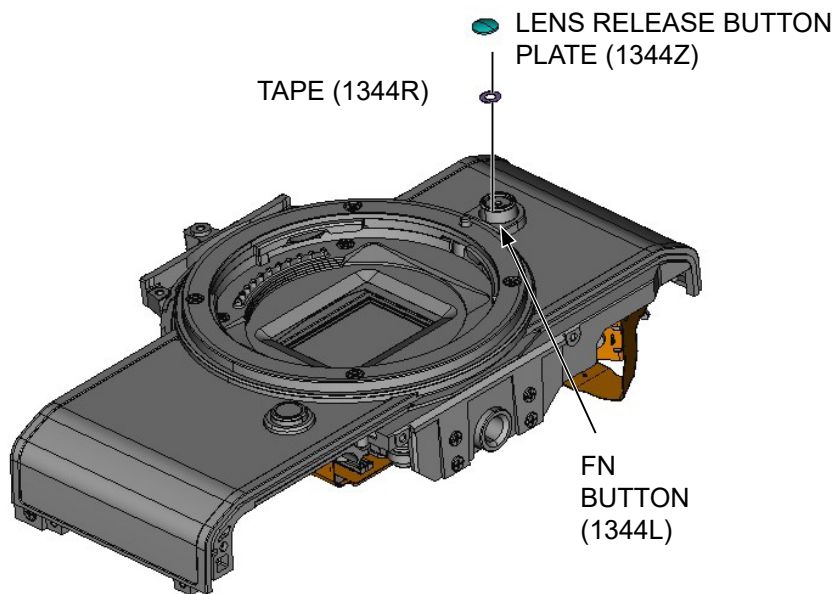
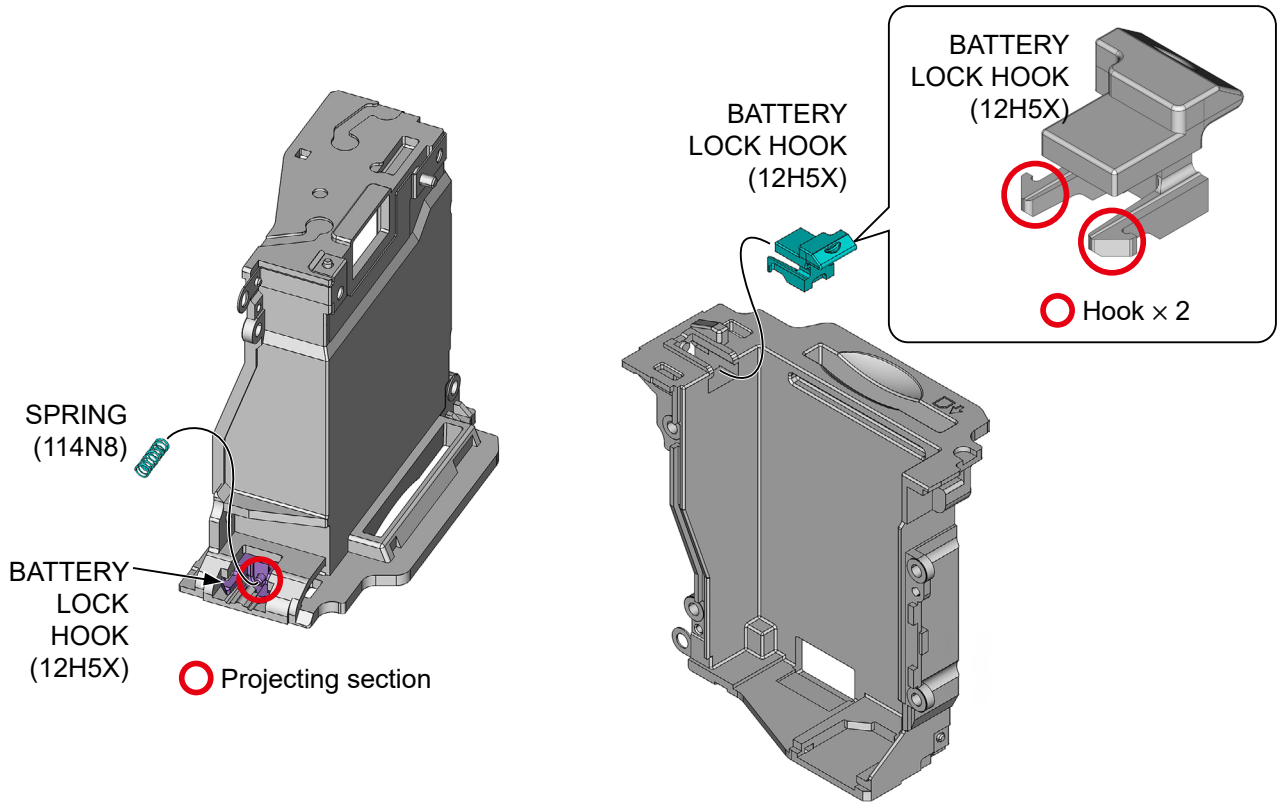
IF COVER UNIT



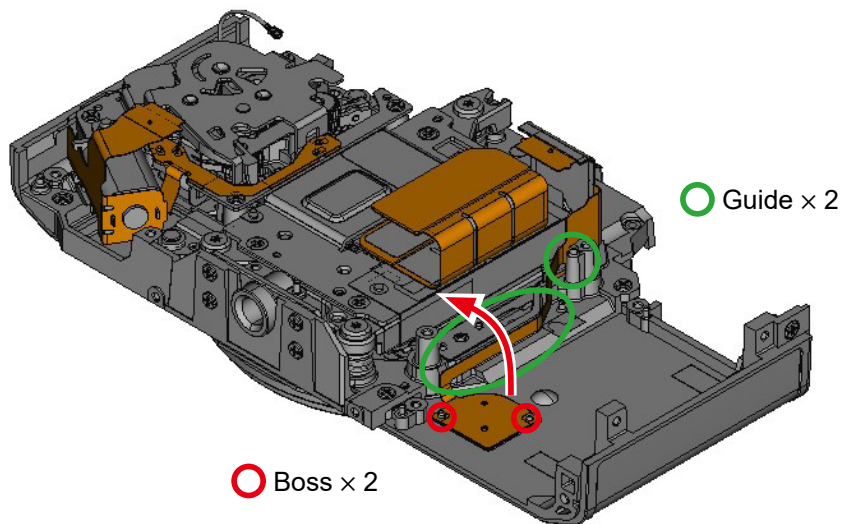
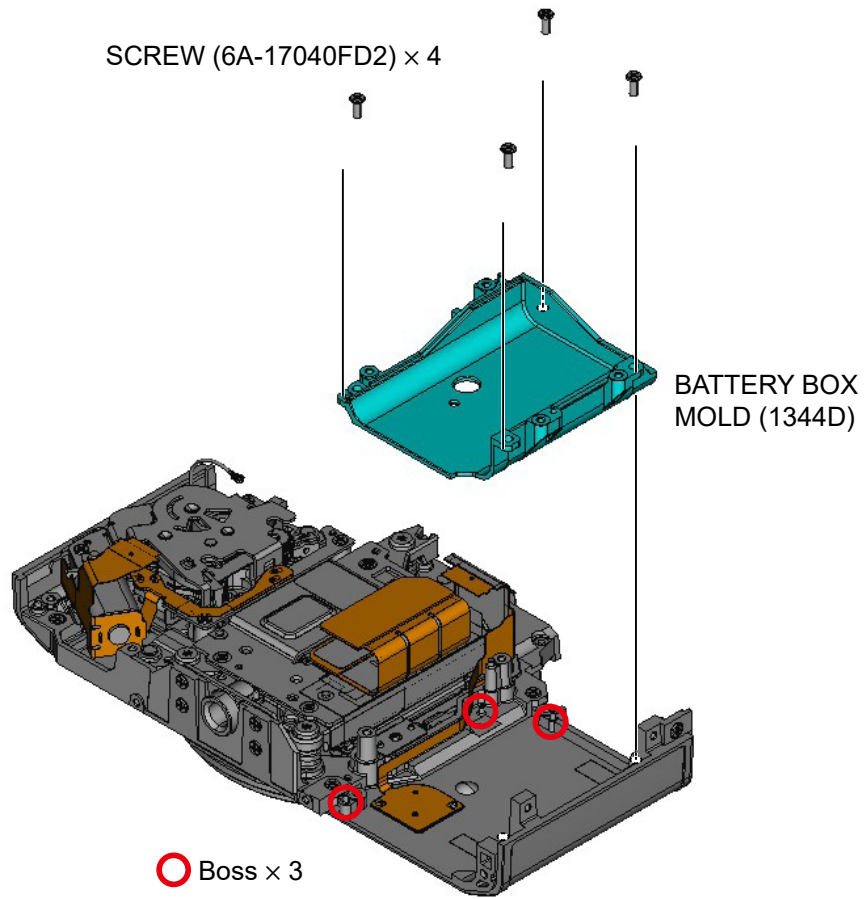
BATTERY BOX UNIT







FN BUTTON



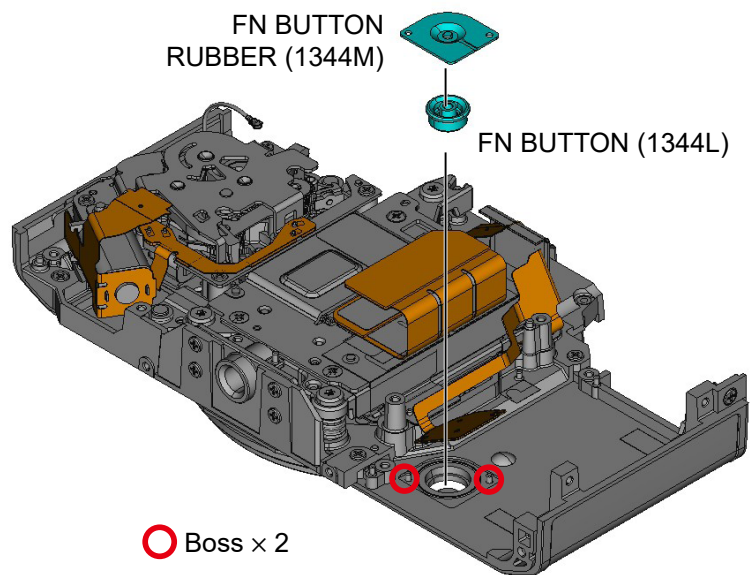
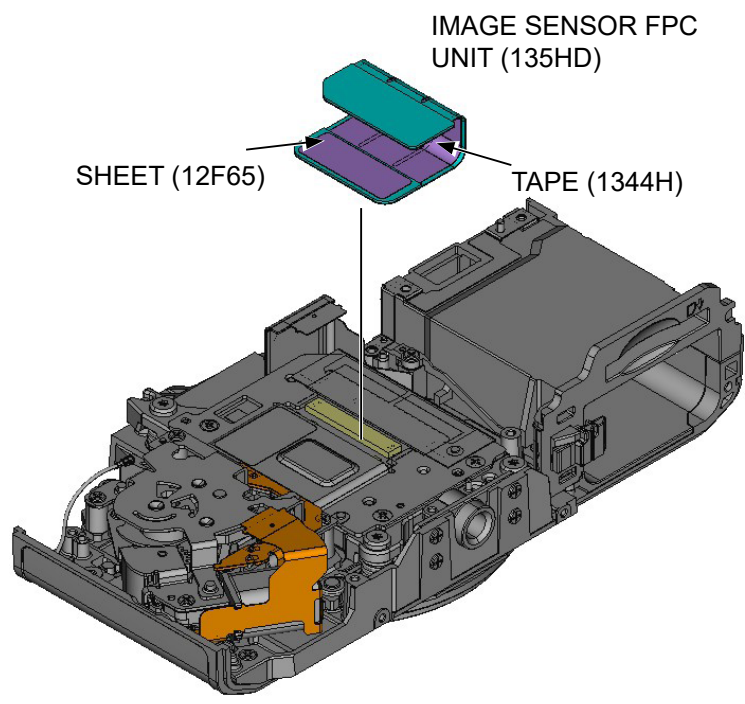
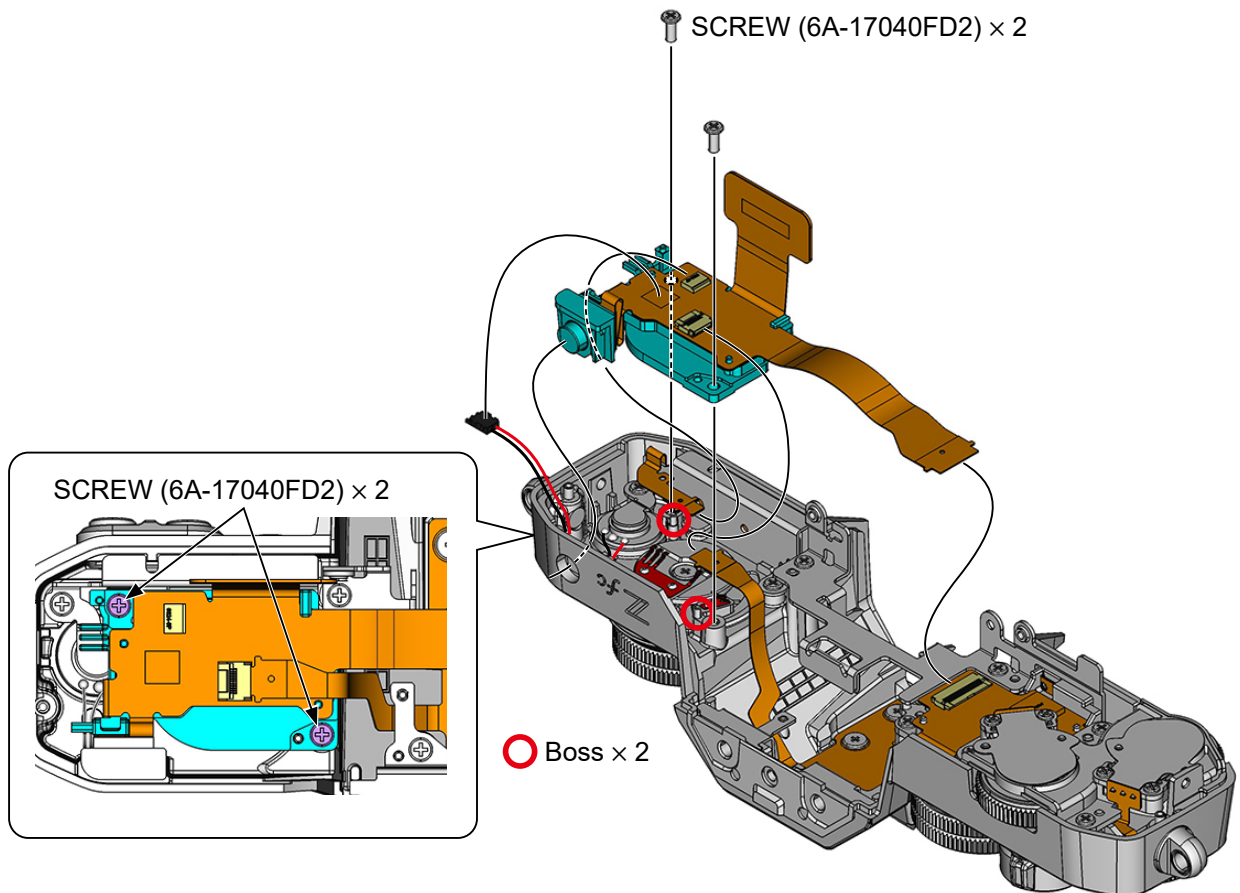
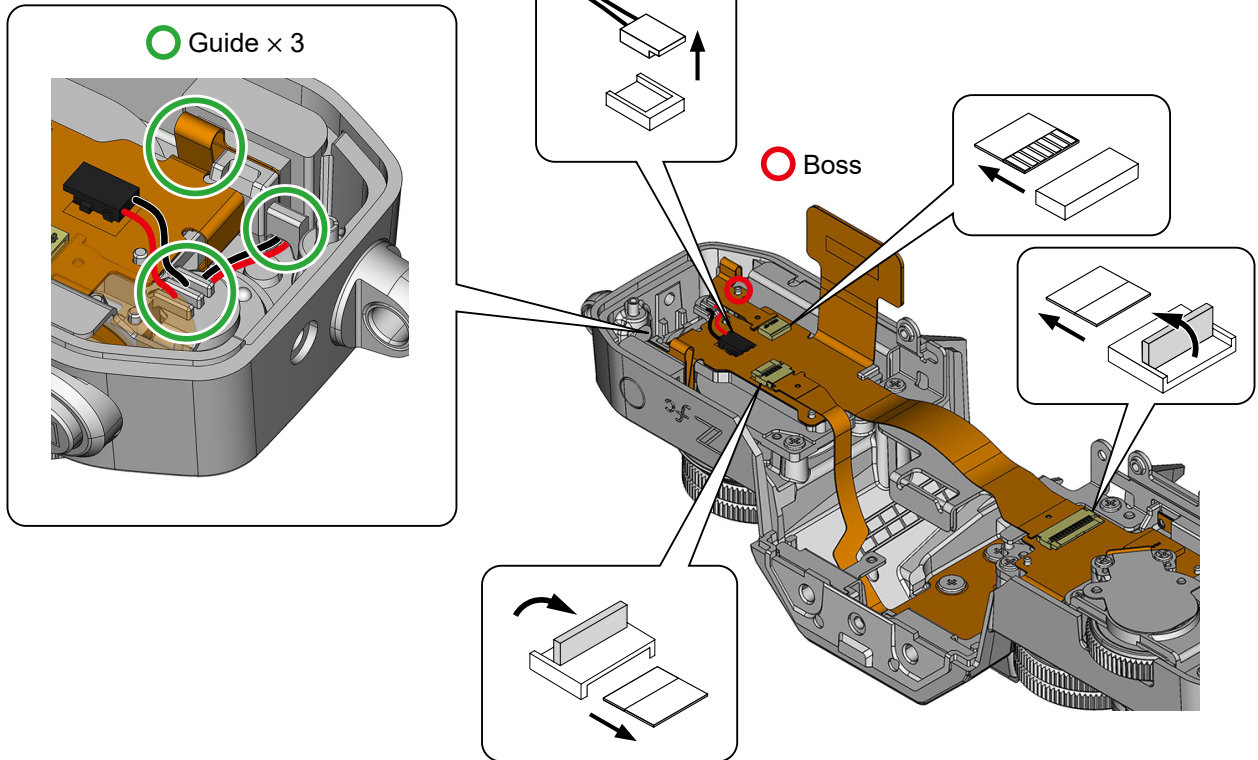


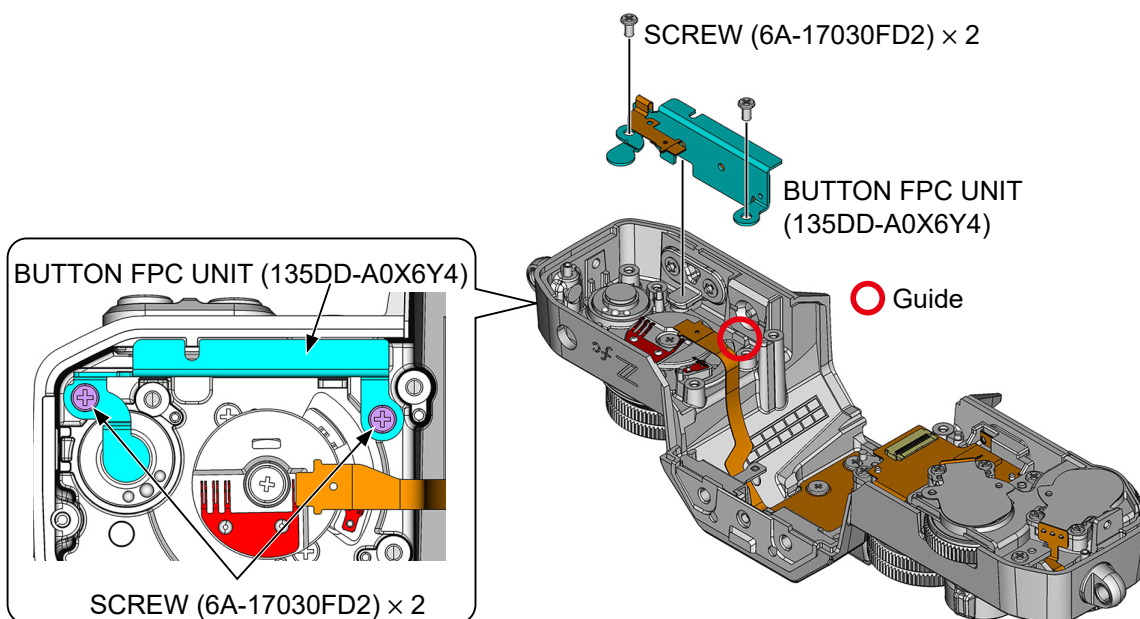
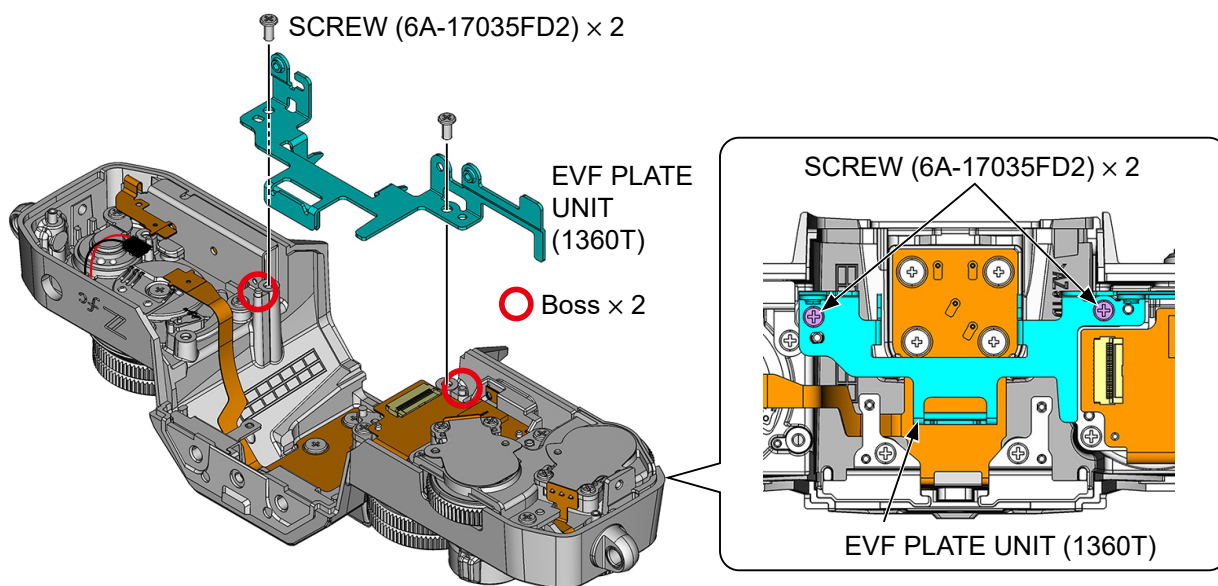
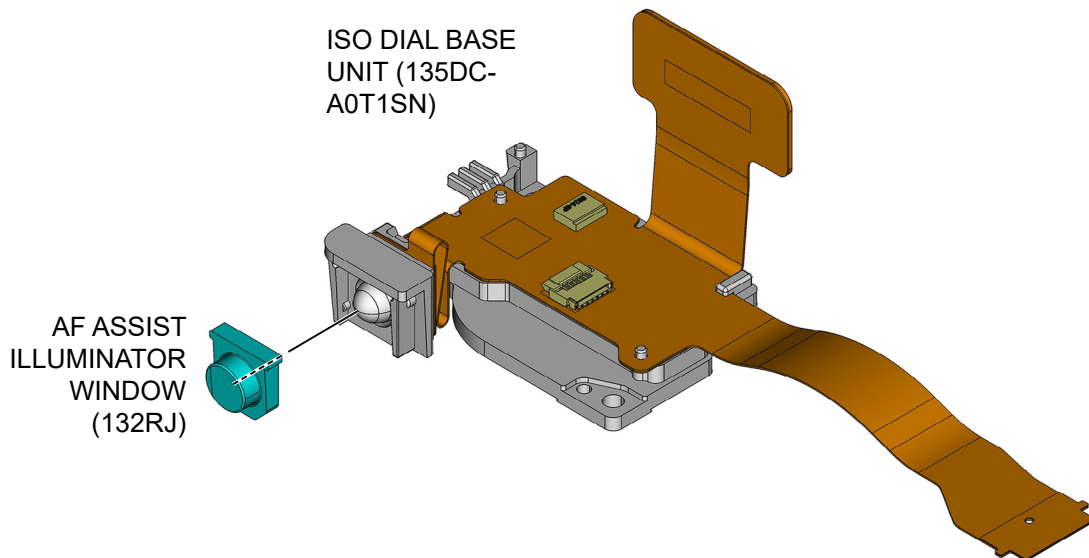
IMAGE SENSOR FPC UNIT



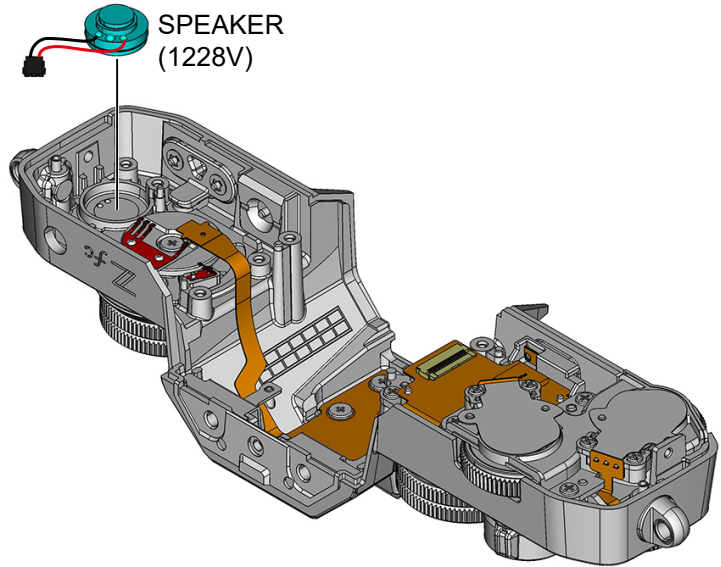
3. Top cover

ISO DIAL BASE UNIT



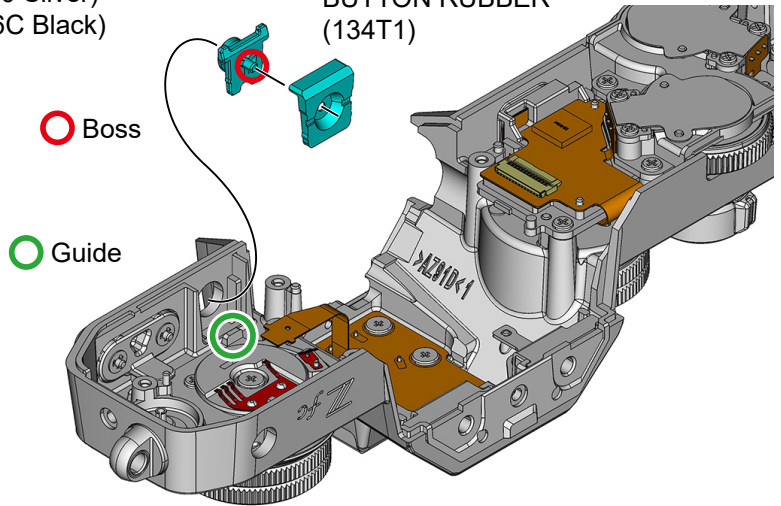


SPEAKER



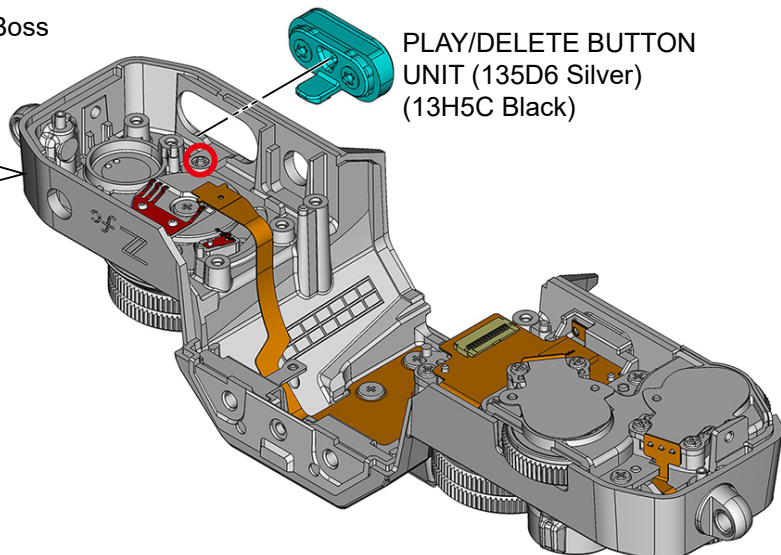
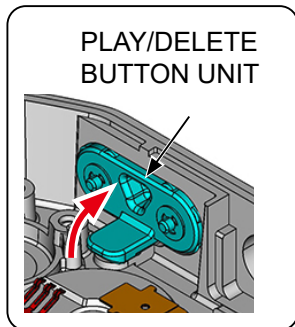
MONITOR SWITCHING
BUTTON
(134T0 Silver)
(13G6C Black)

MONITOR
SWITCHING
BUTTON RUBBER
(134T1)

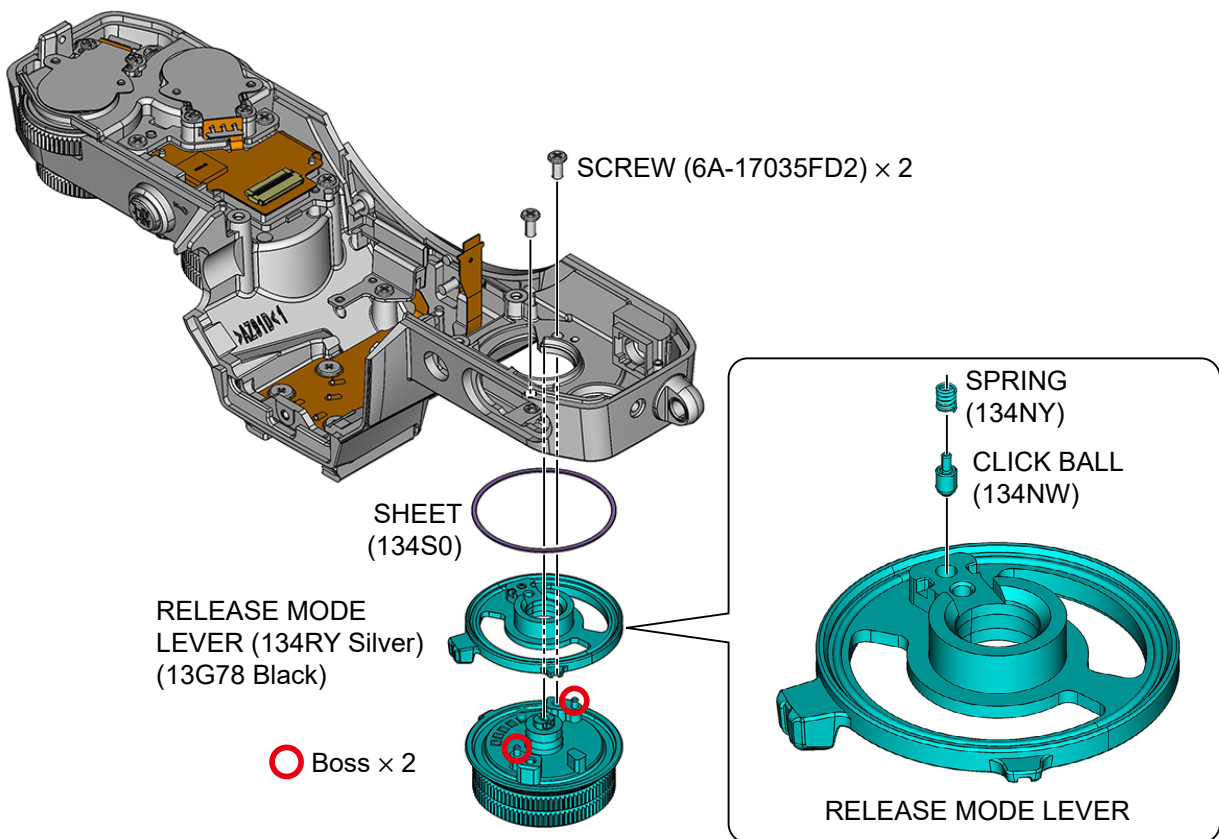
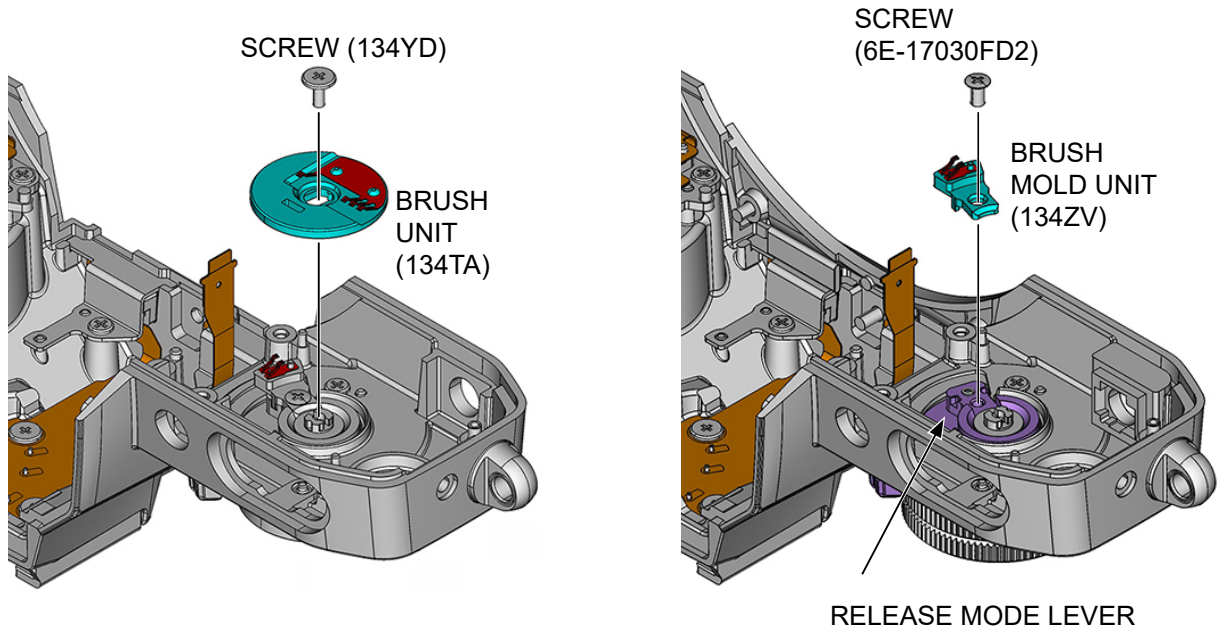


○ Boss

PLAY/DELETE
BUTTON
UNIT (135D6 Silver)
(13H5C Black)



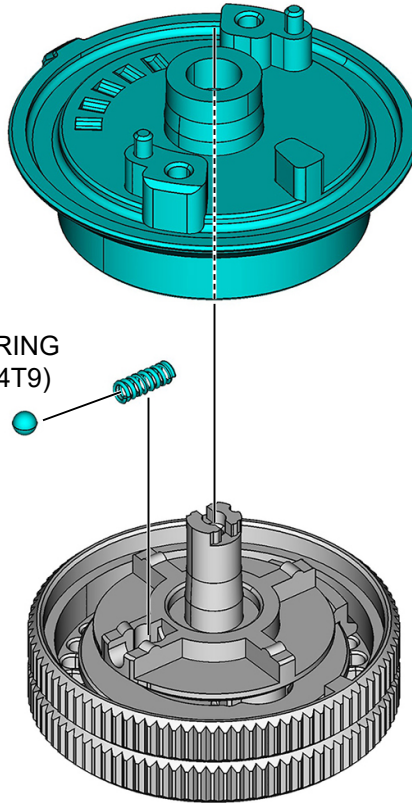
ISO DIAL



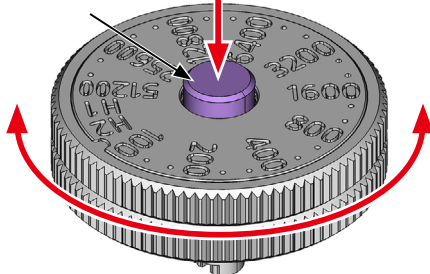
COLLAR
(134RW Silver)
(13G77 Black)

SPRING
(134T9)

CLICK
BALL (T1-
01500SX1)

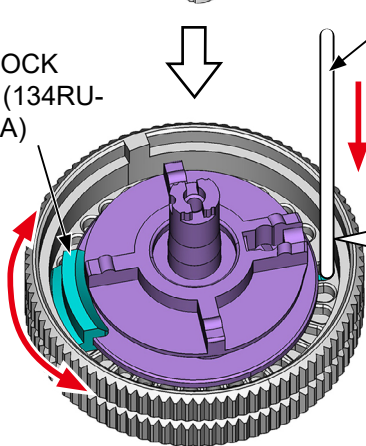


DIAL LOCK UNIT (1360S)

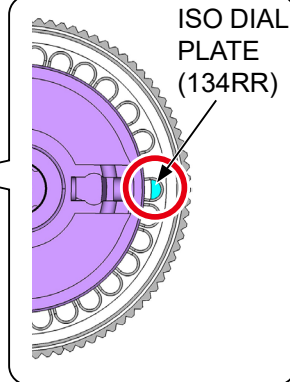


While pressing
the dial lock unit
(1360S), turn the dial
lock knob (134RU-
A0V35A).

DIAL LOCK
KNOB (134RU-
A0V35A)

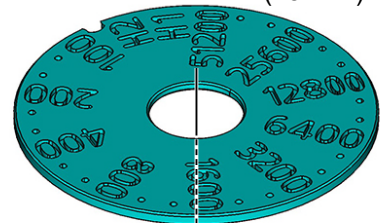


Pin

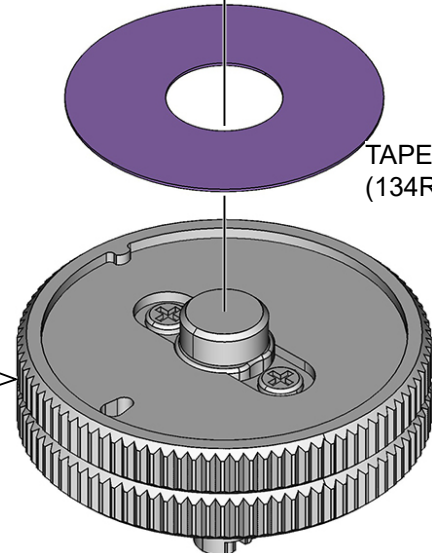


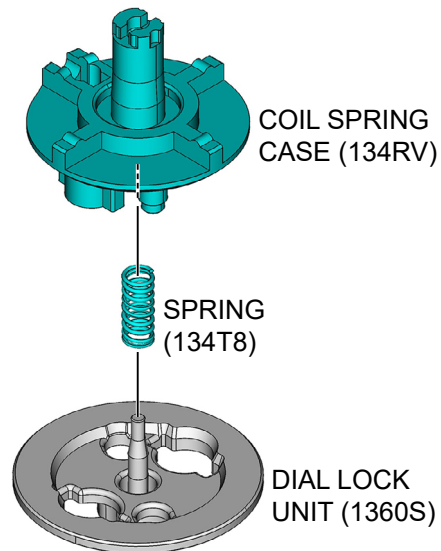
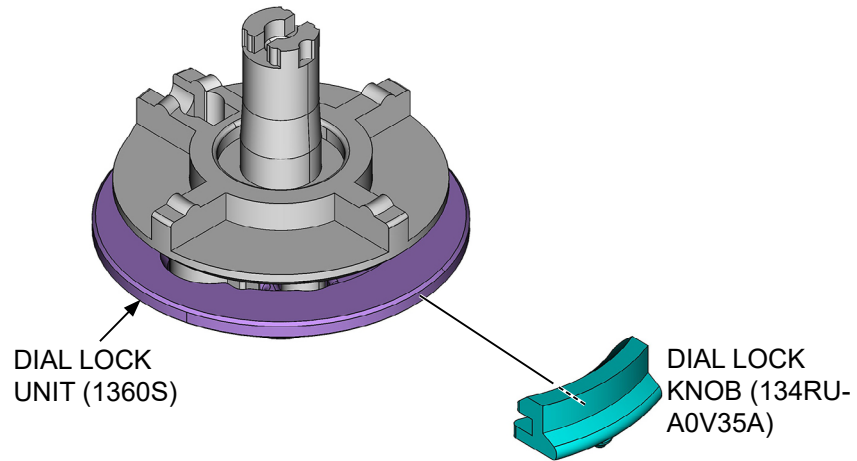
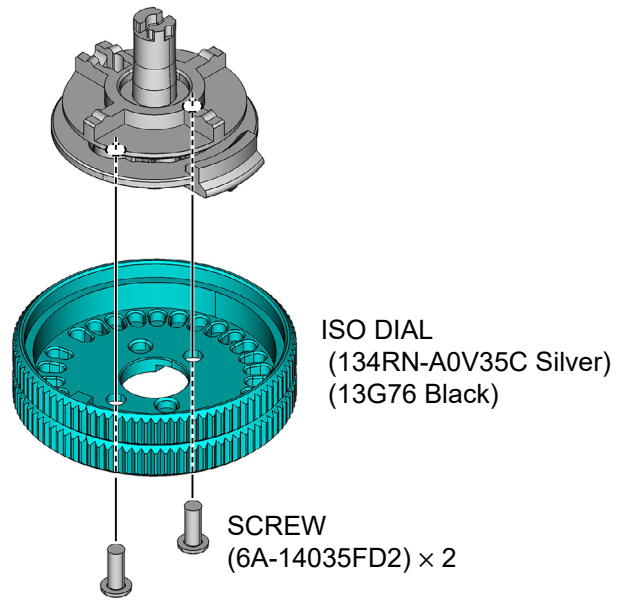
Rotate it to the position where you can see the ISO dial plate (134RR) from the hole on the back side, and push the plate with a pin etc. to peel it off.

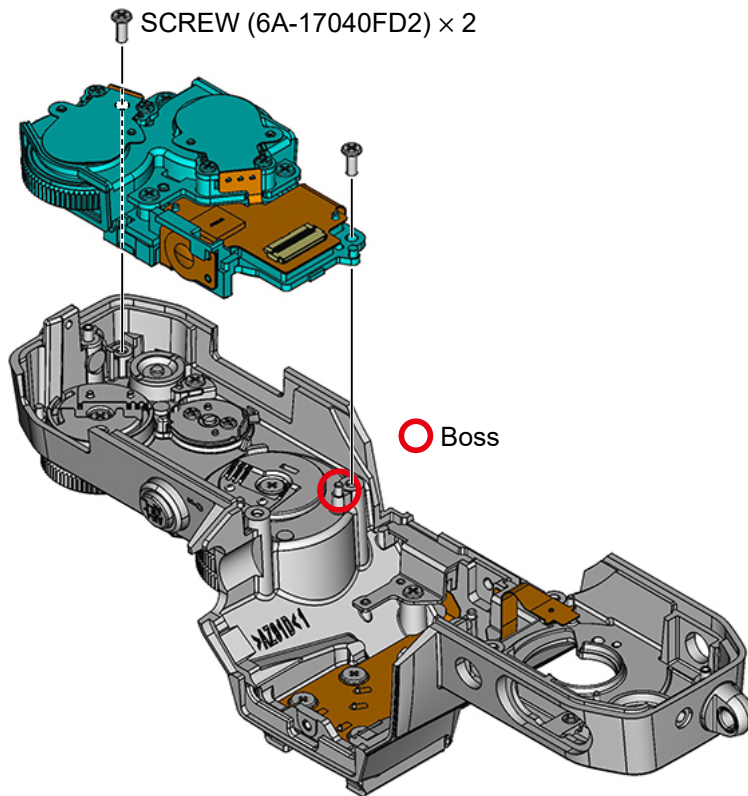
ISO DIAL
PLATE
(134RR)



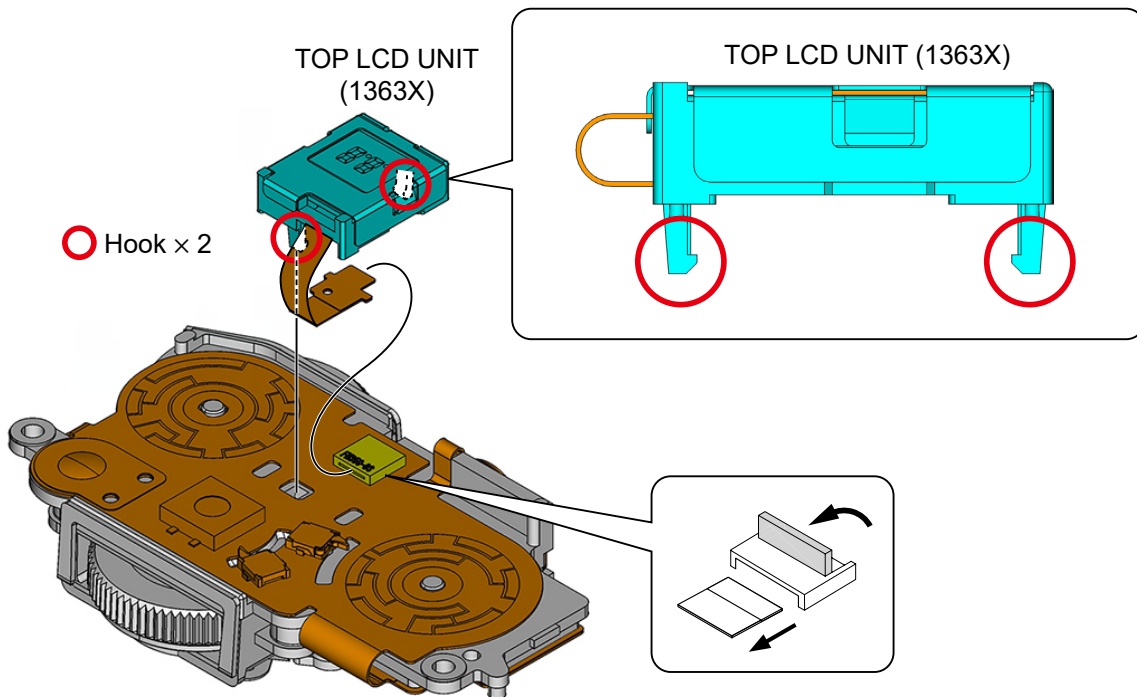
TAPE
(134RS)



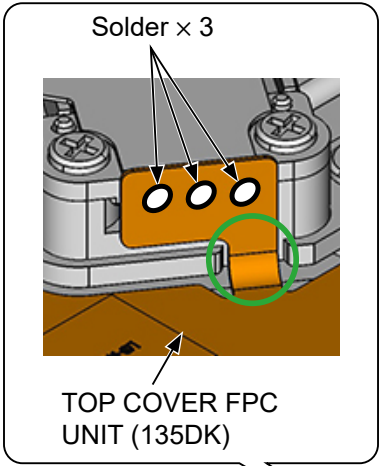




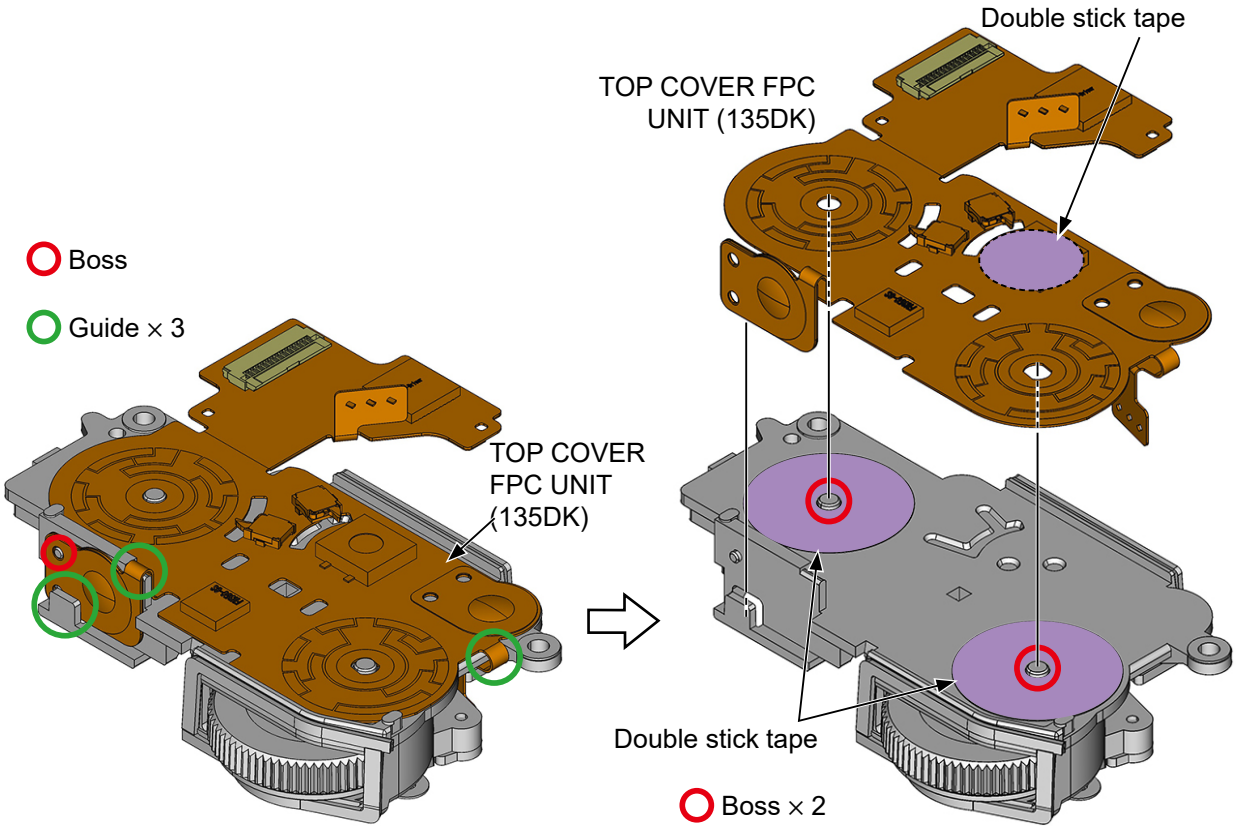
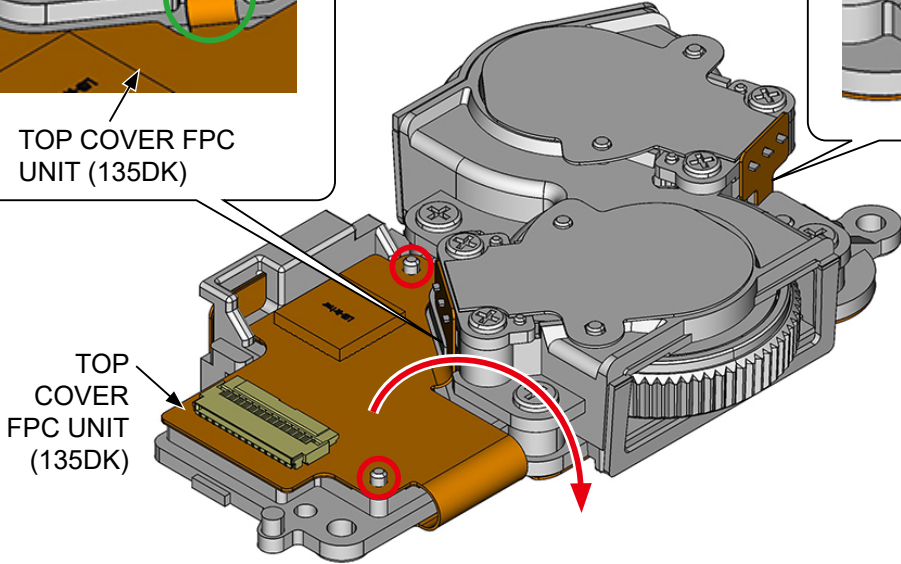
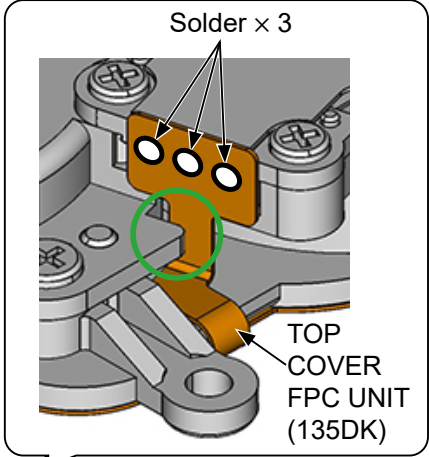
TOP LCD UNIT

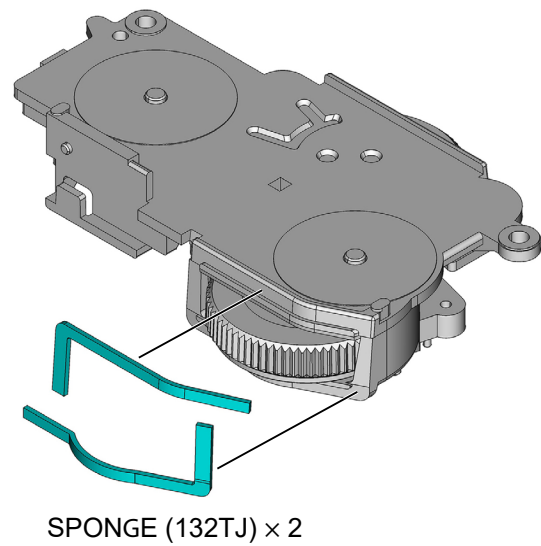
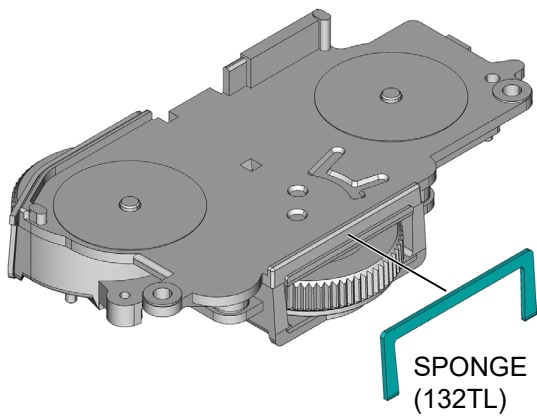
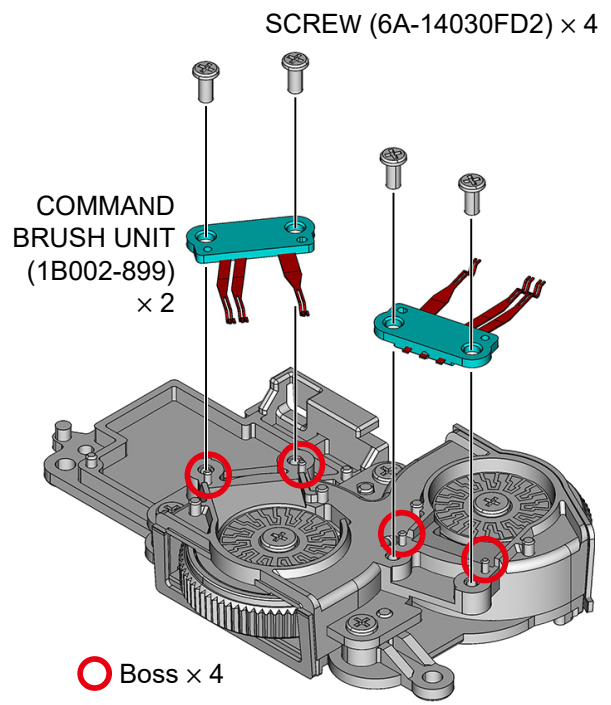
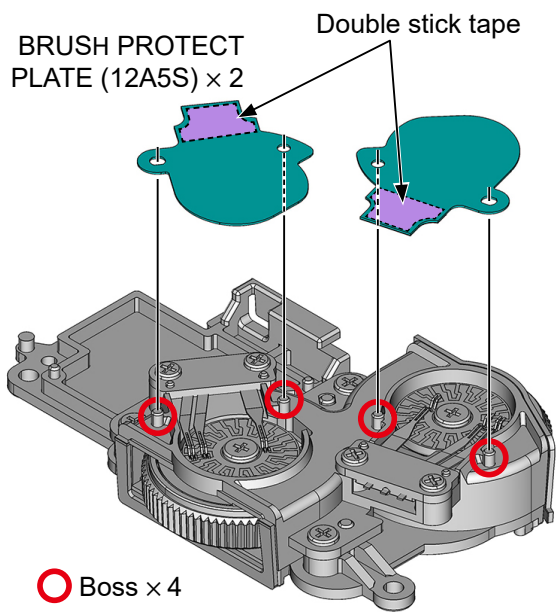


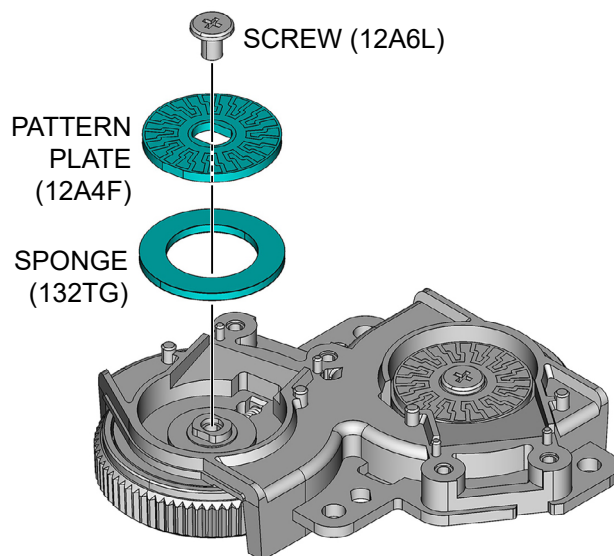
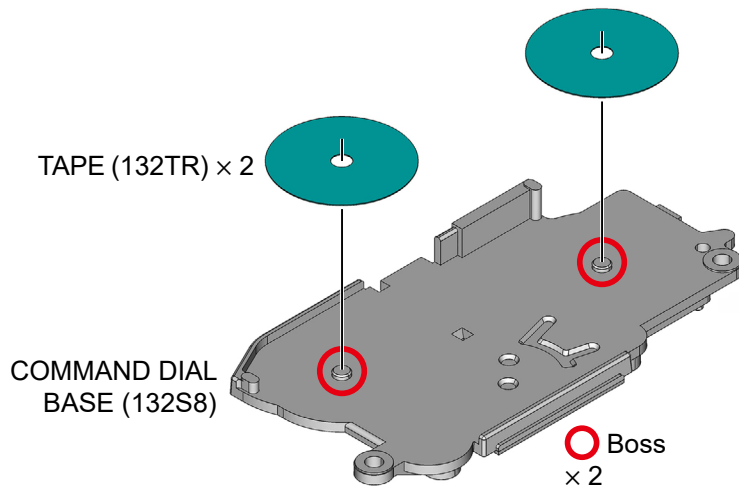
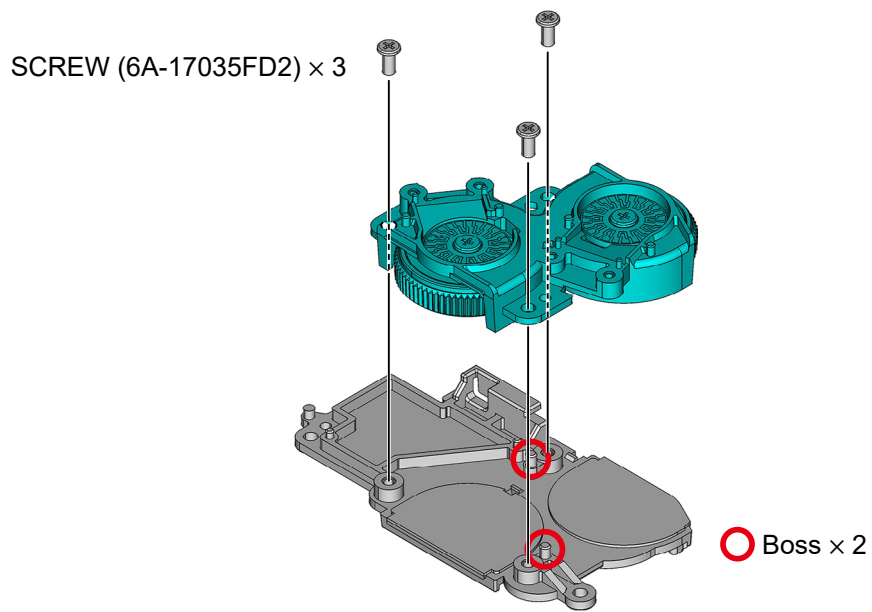
COMMAND DIAL UNIT

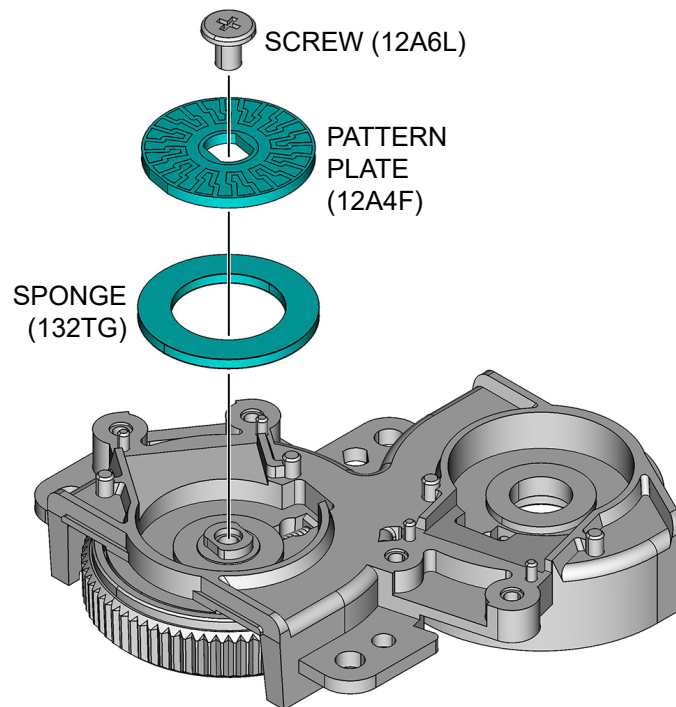
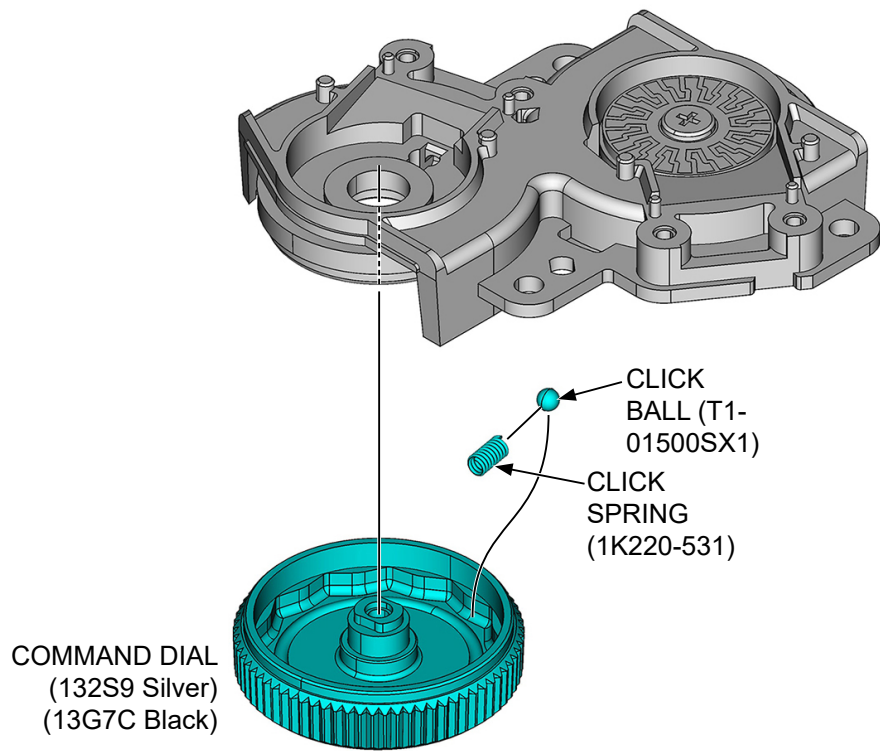


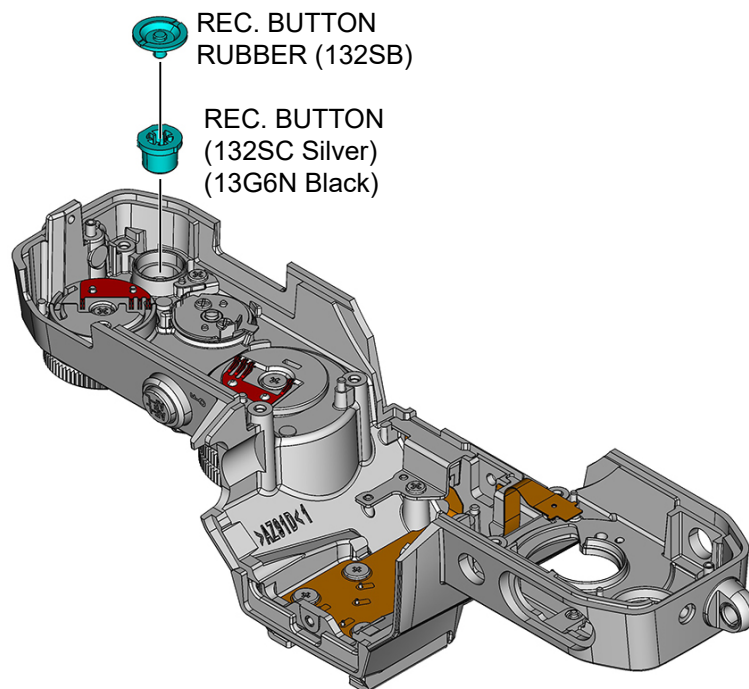
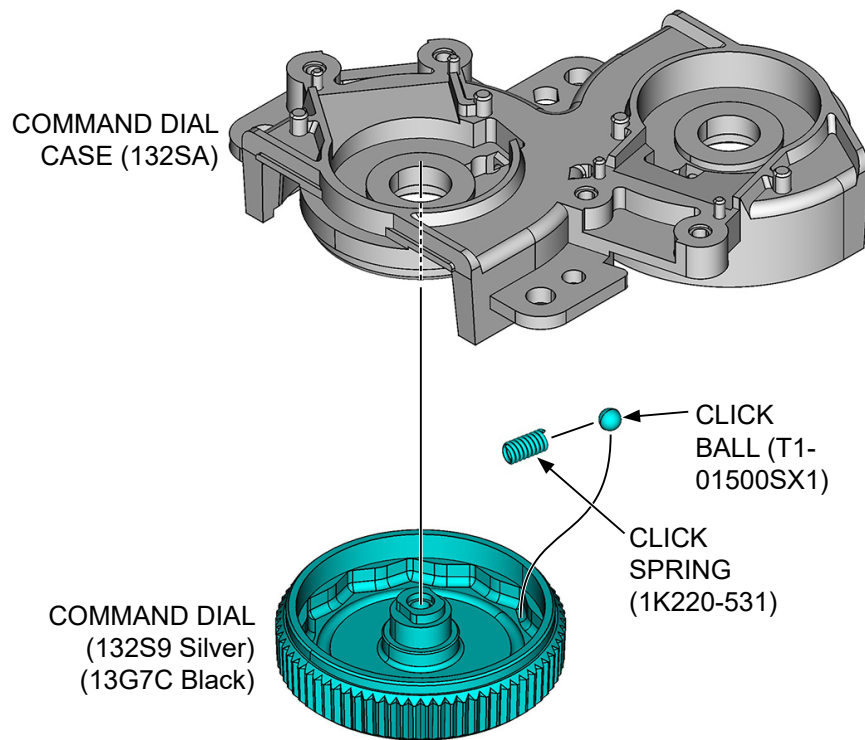
- Boss × 2
- Guide × 2

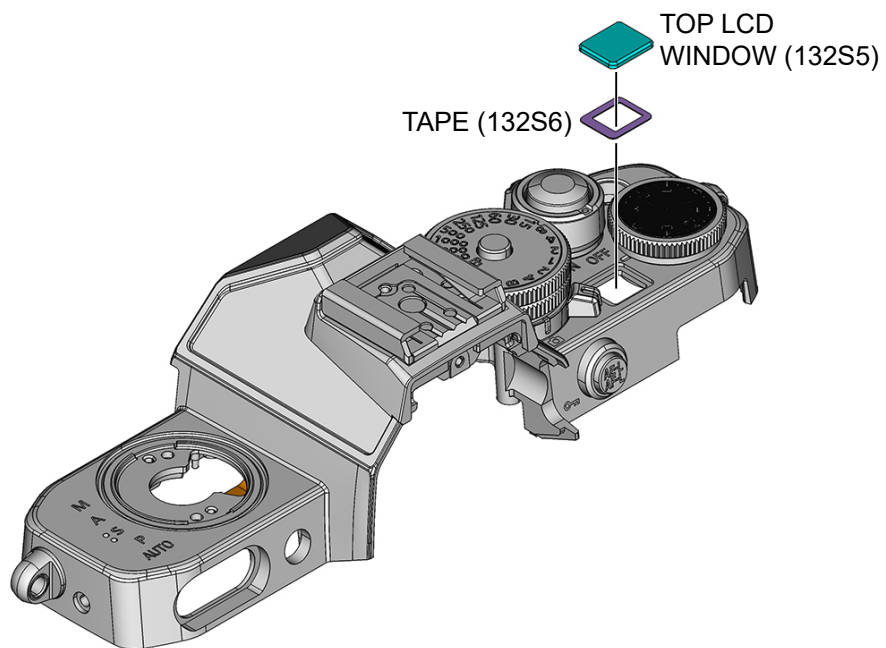
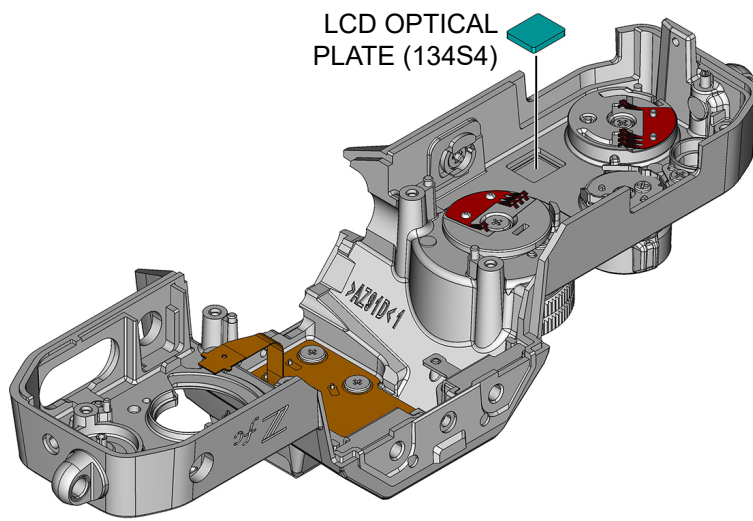




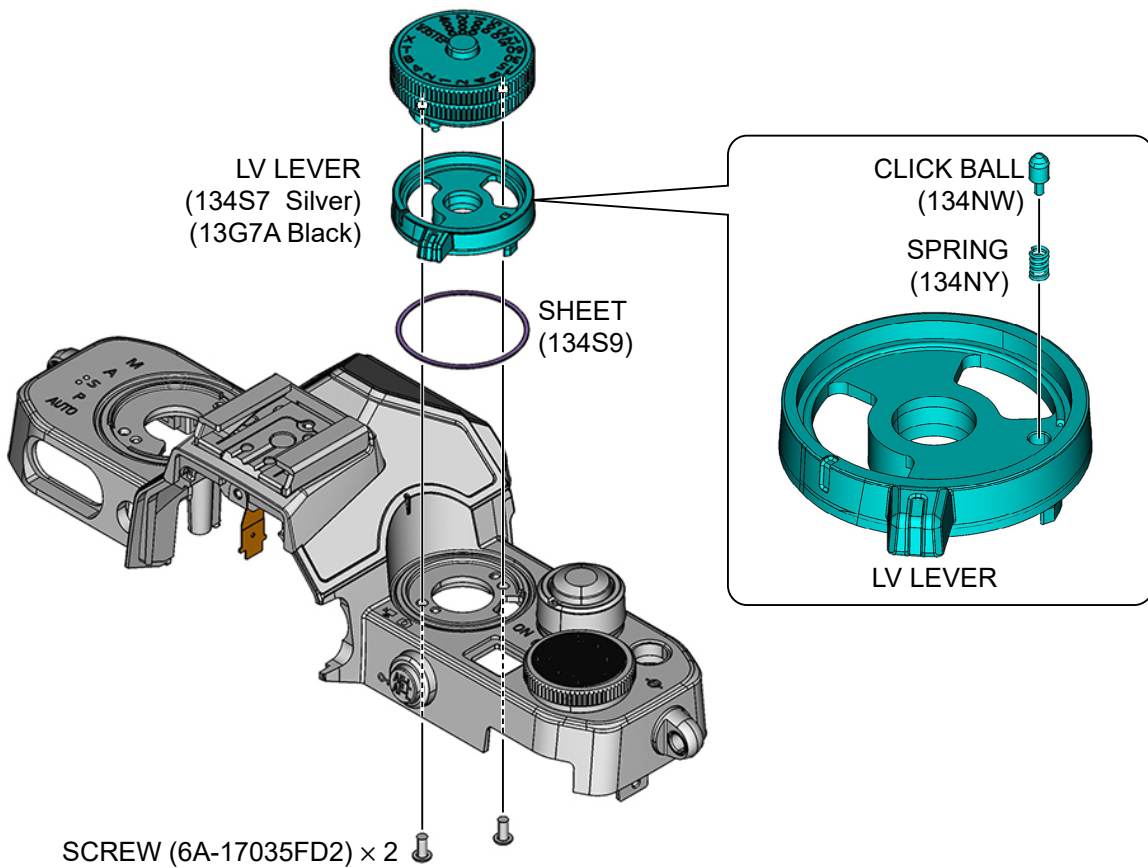
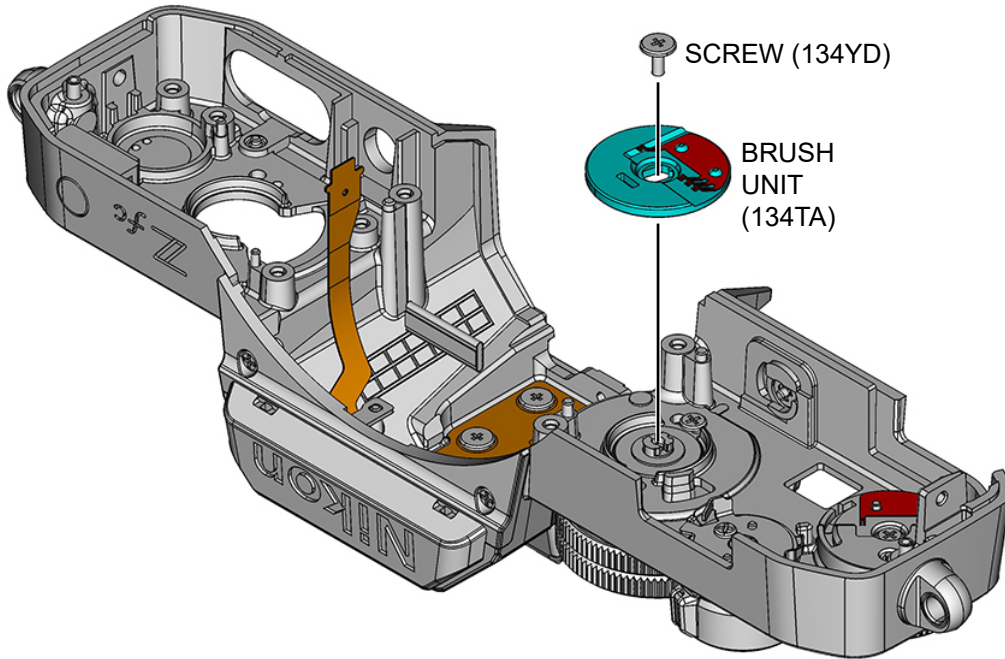


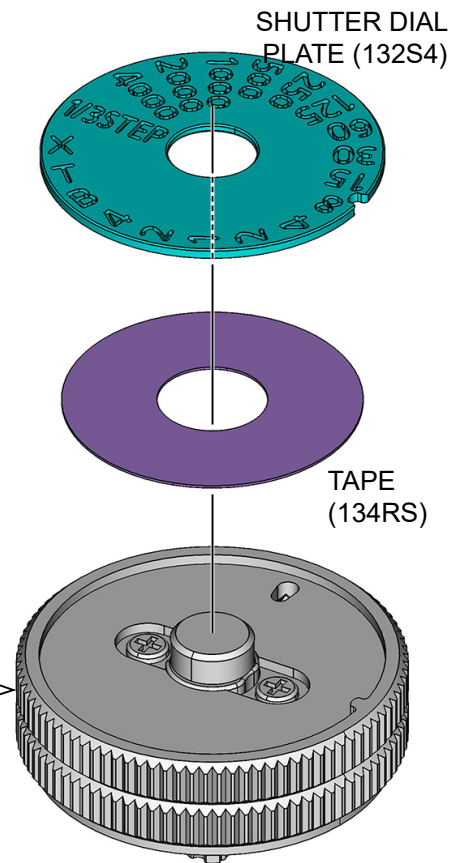
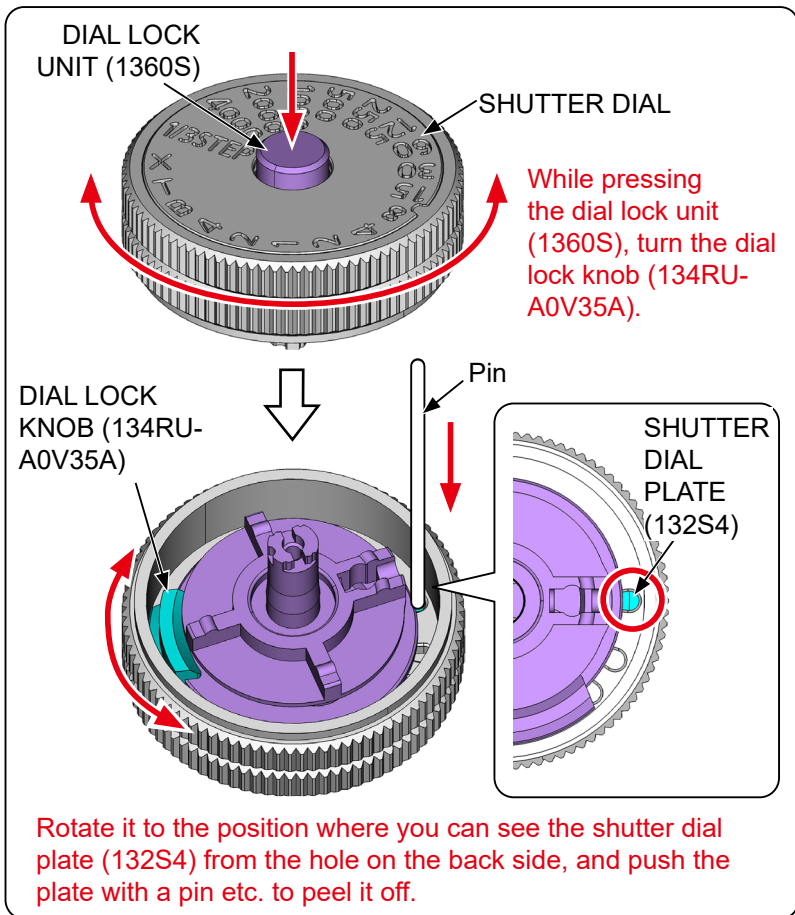
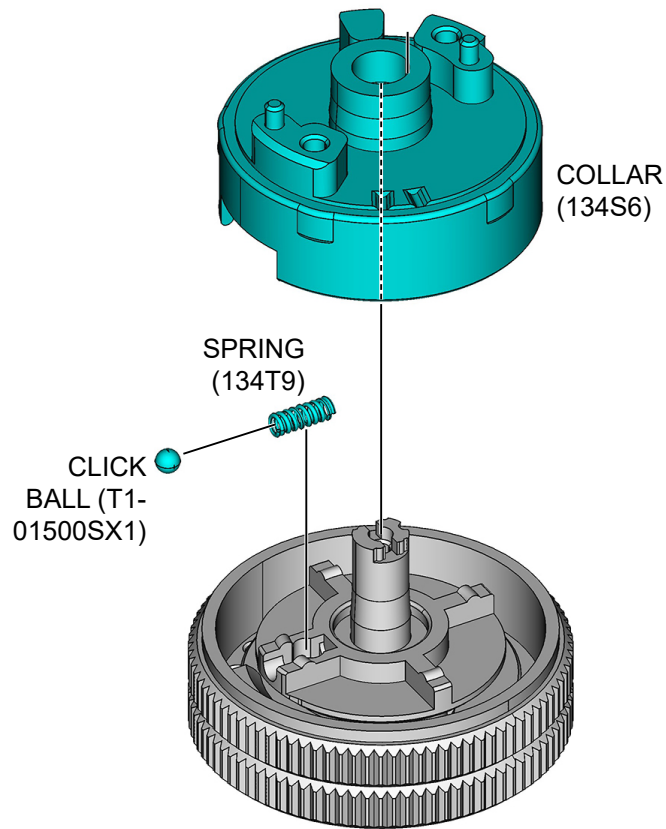


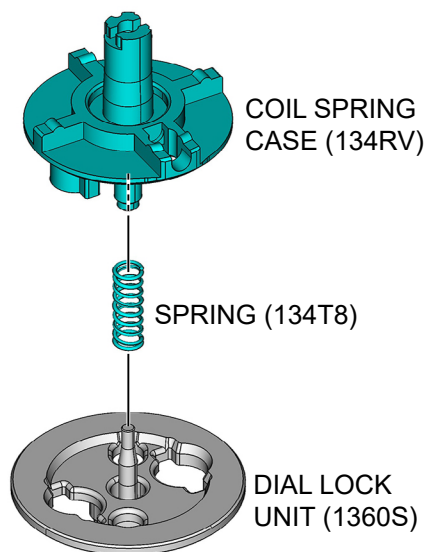
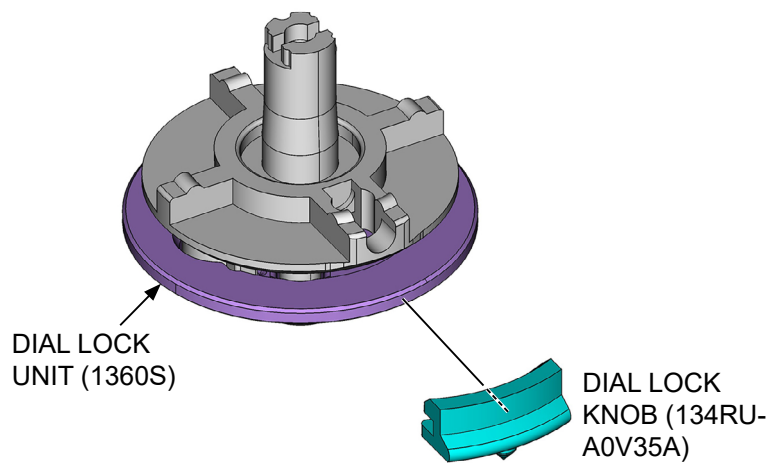
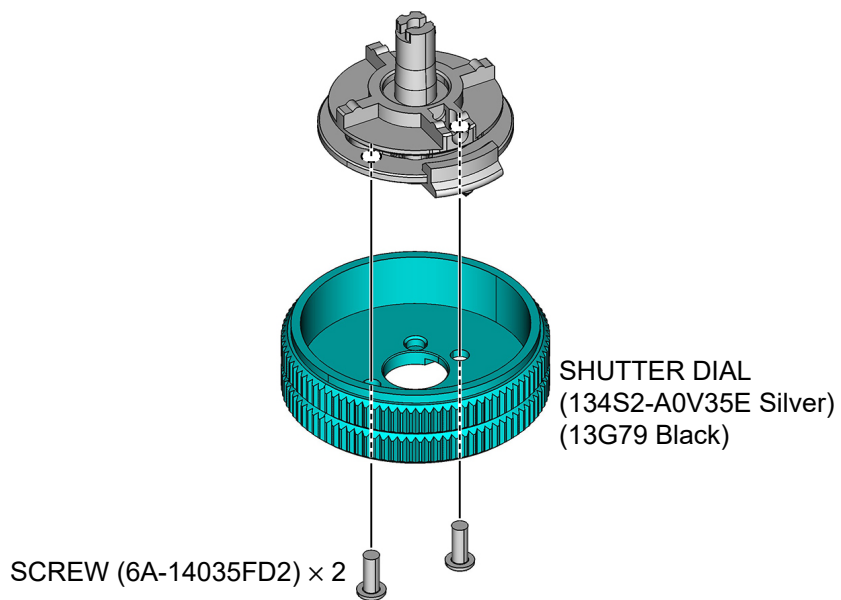




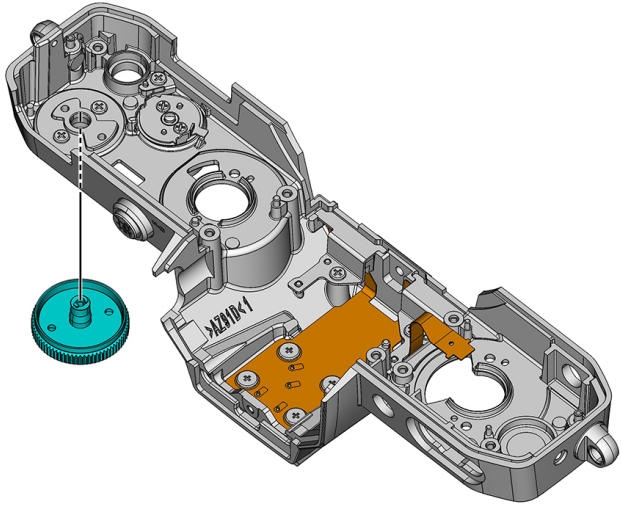
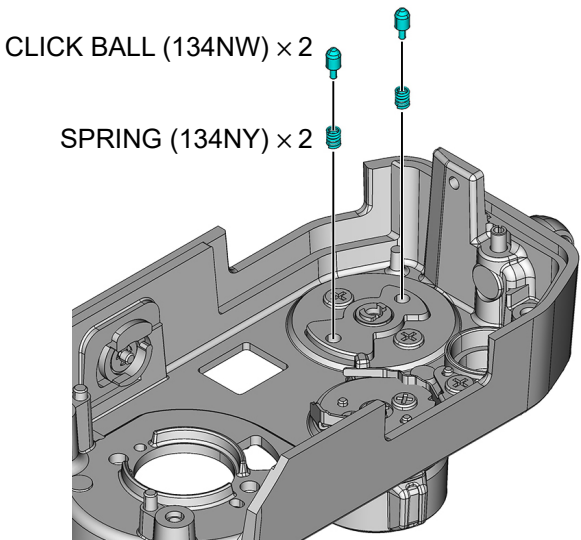
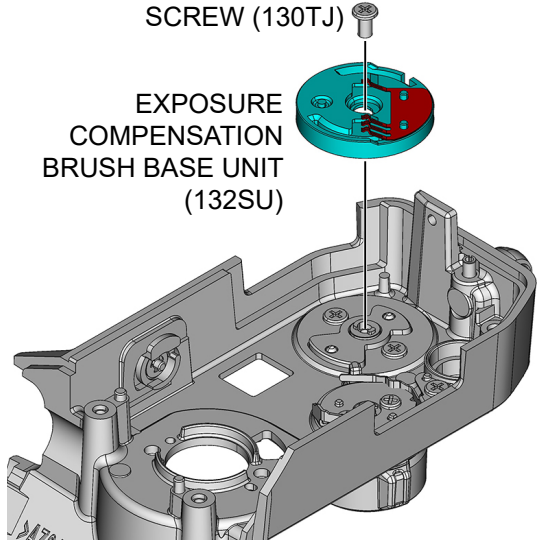
SHUTTER DIAL

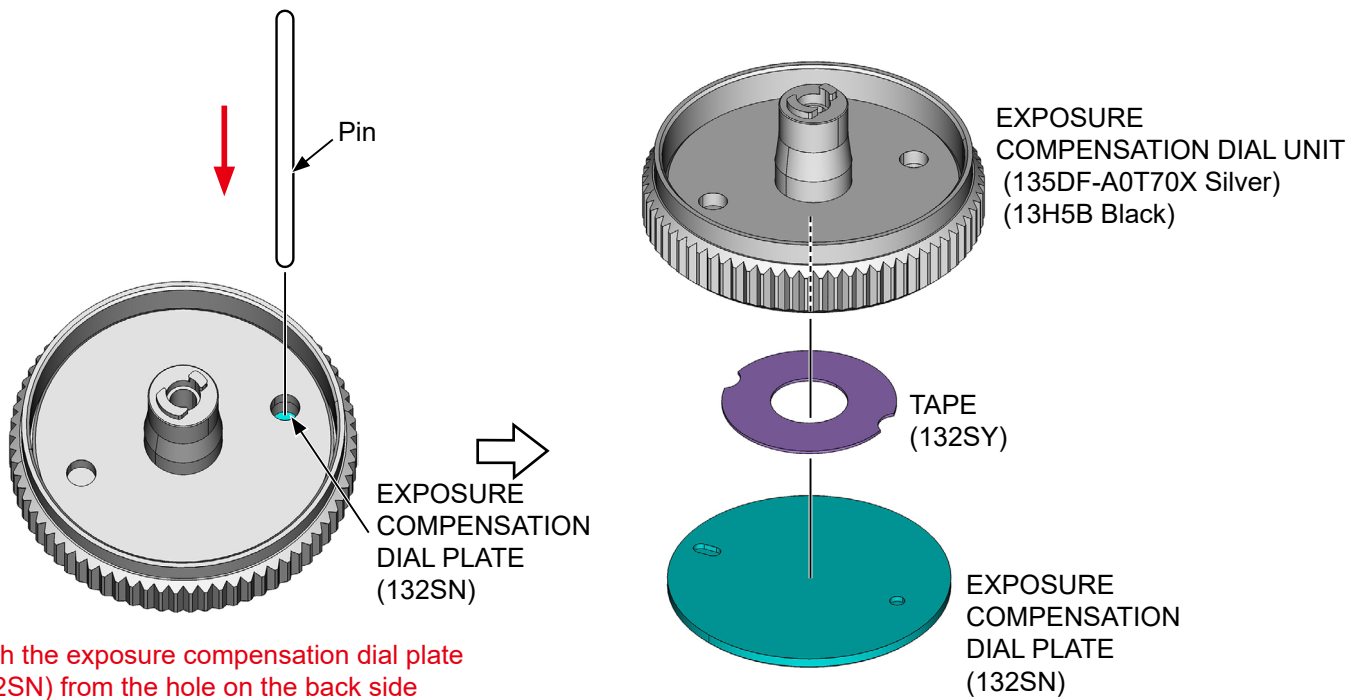




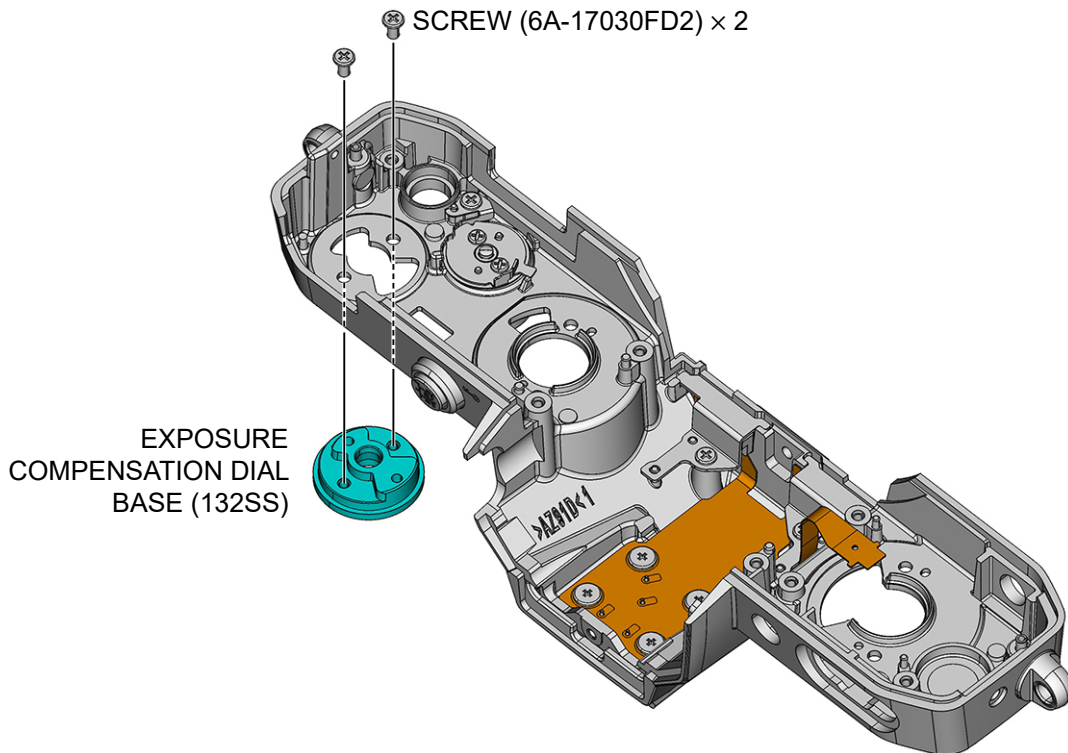


EXPOSURE COMPENSATION DIAL

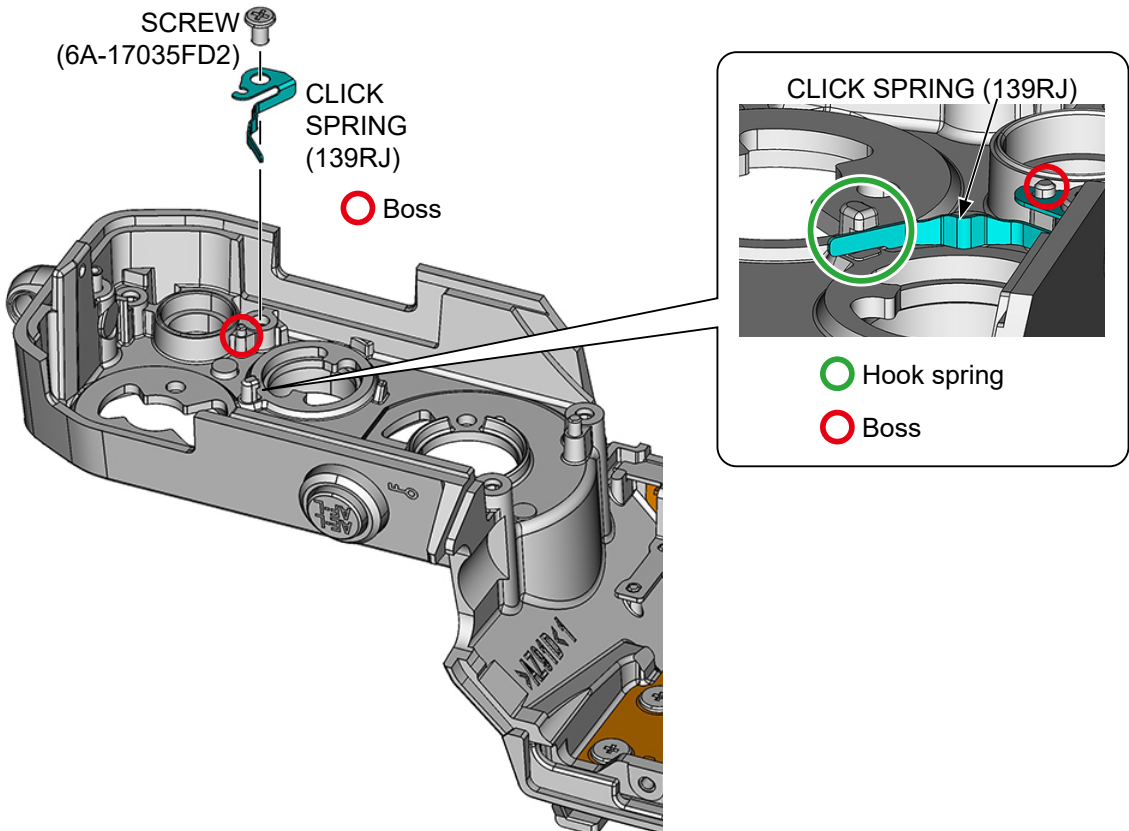
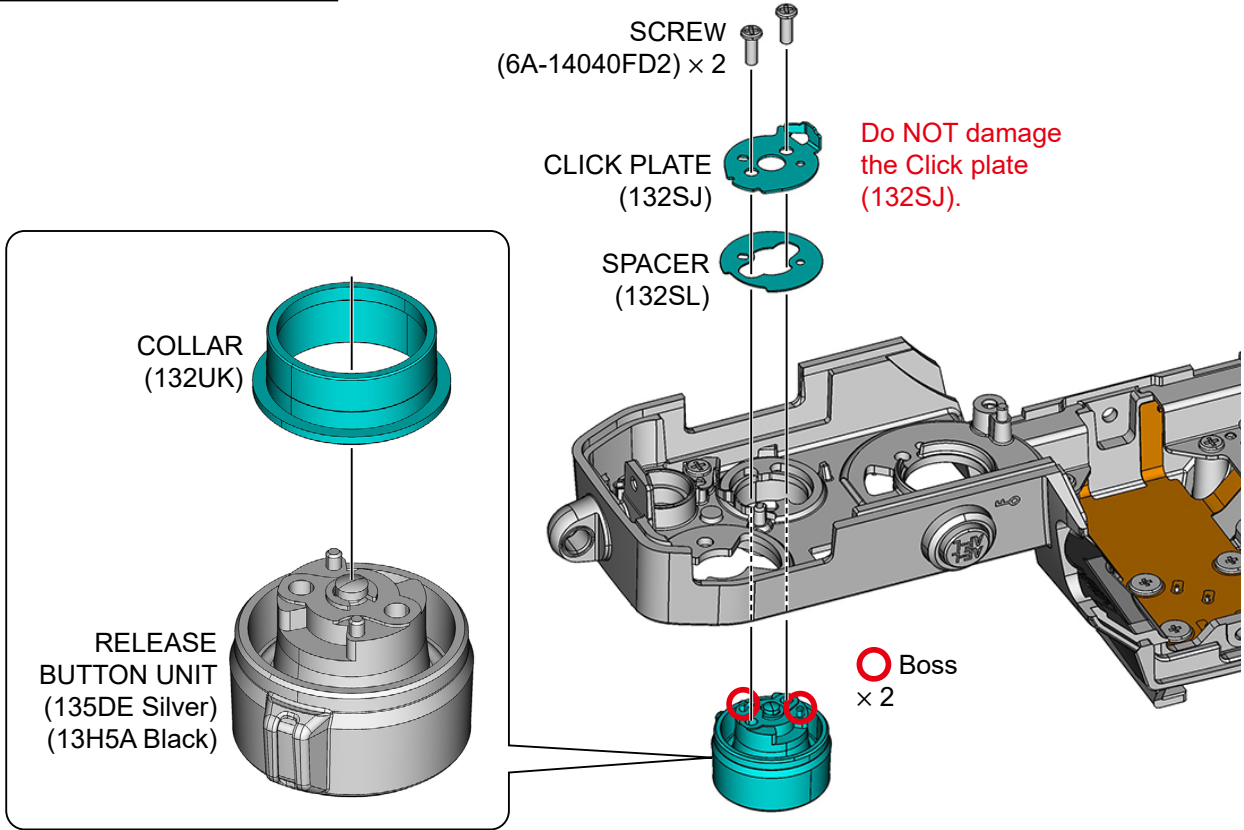




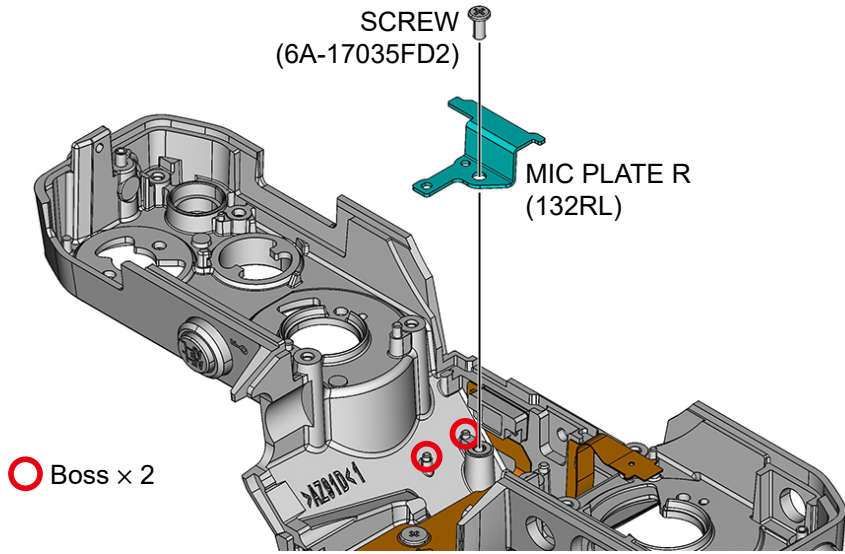
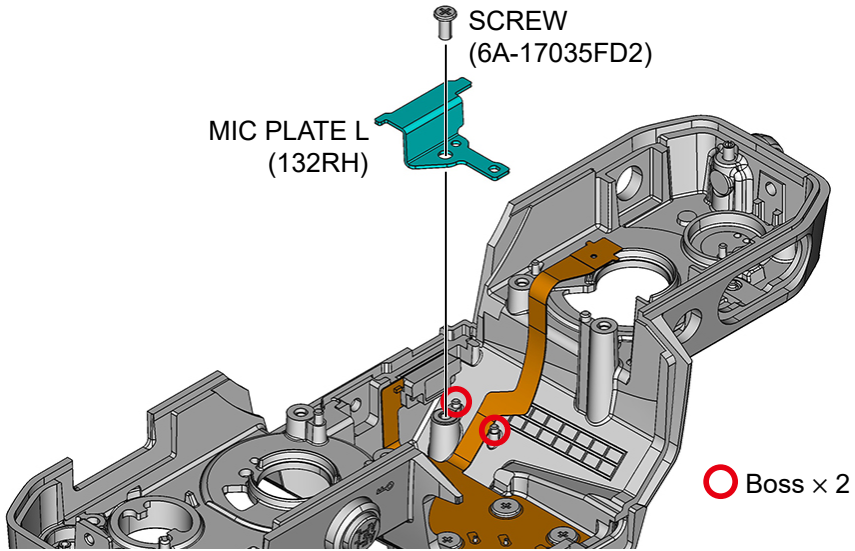
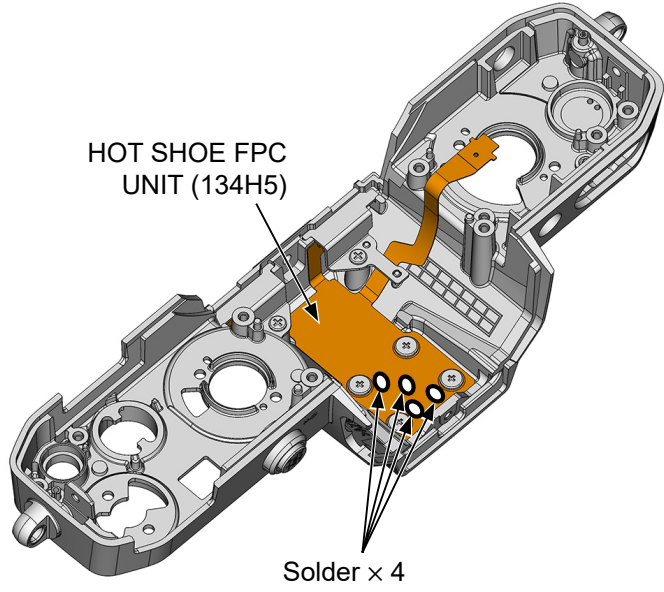
Push the exposure compensation dial plate (132SN) from the hole on the back side of the exposure compensation dial unit (135DF-A0T70X / 13H5B) with a pin etc. to peel it off.

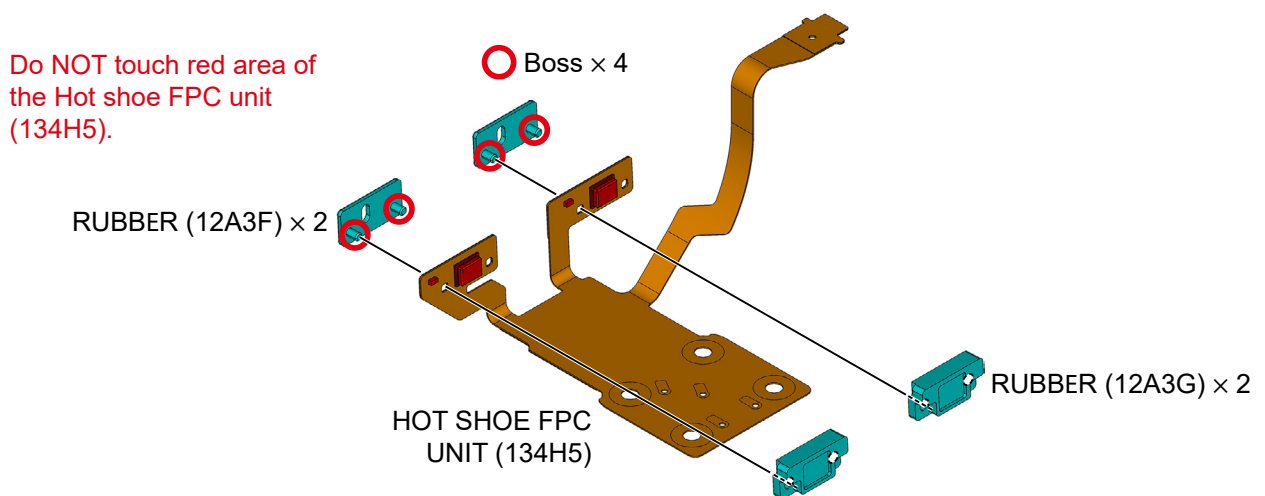
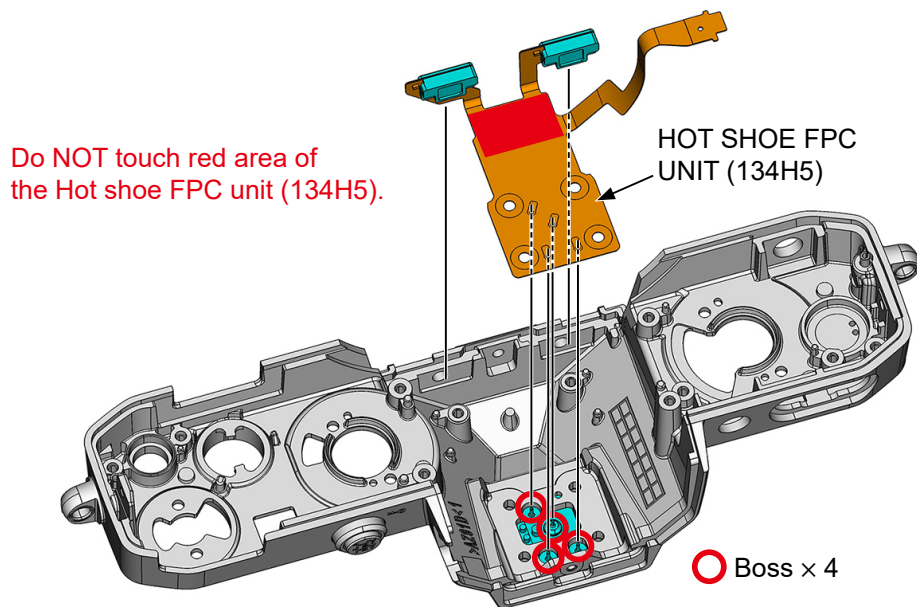
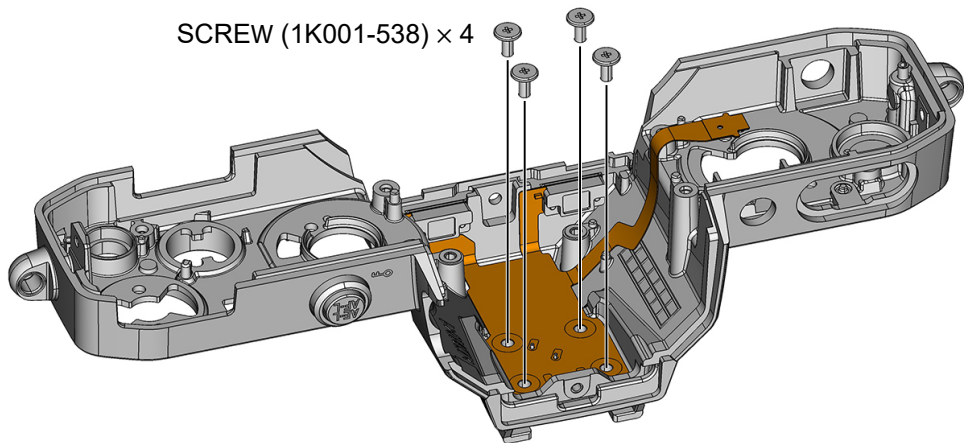


RELEASE BUTTON UNIT

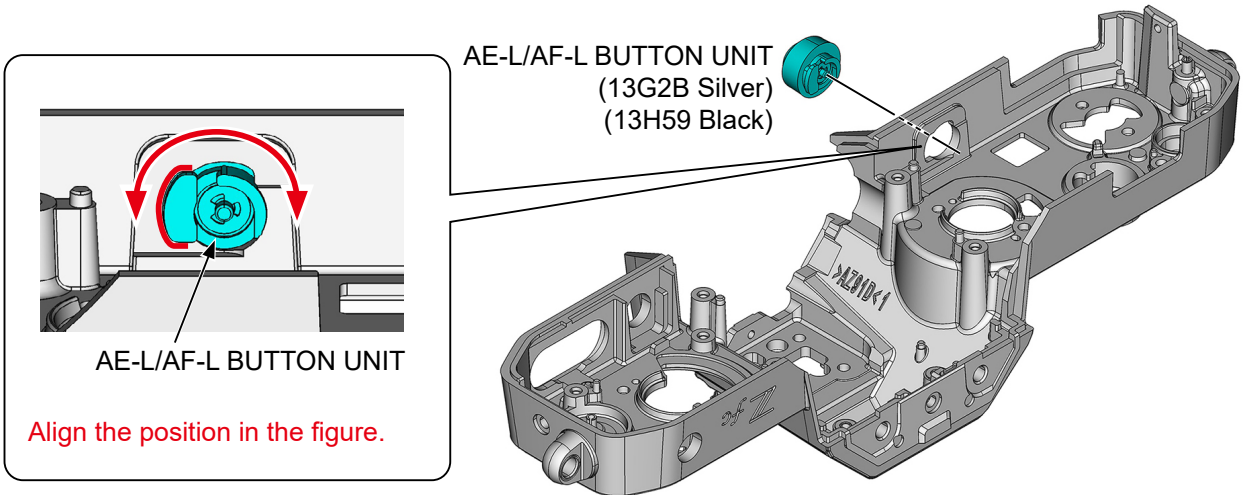
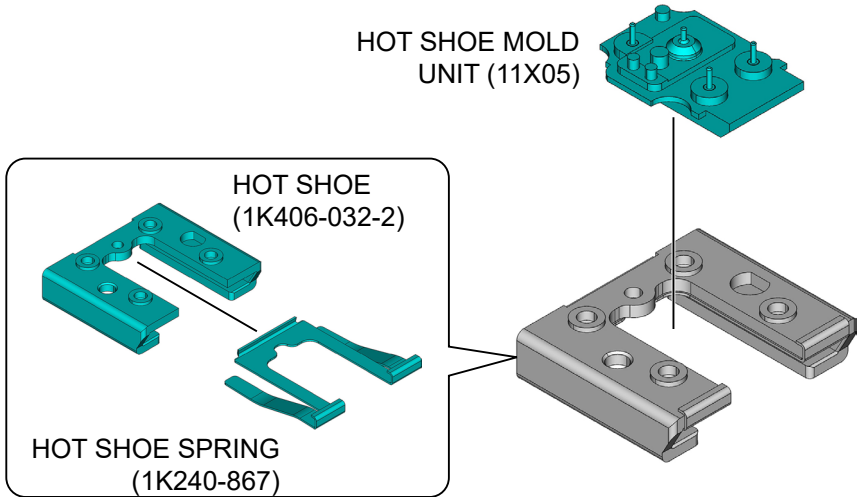
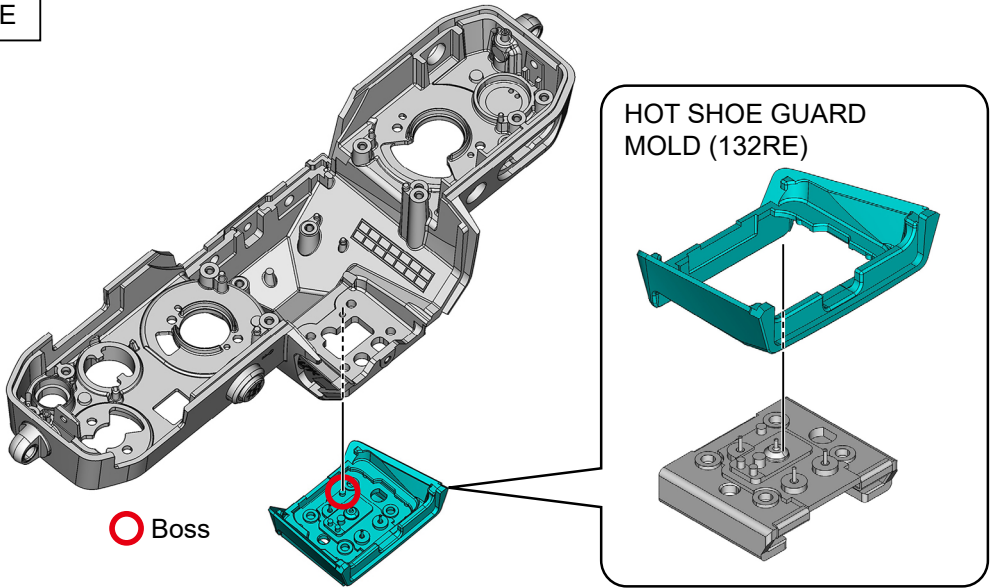


HOT SHOE FPC UNIT



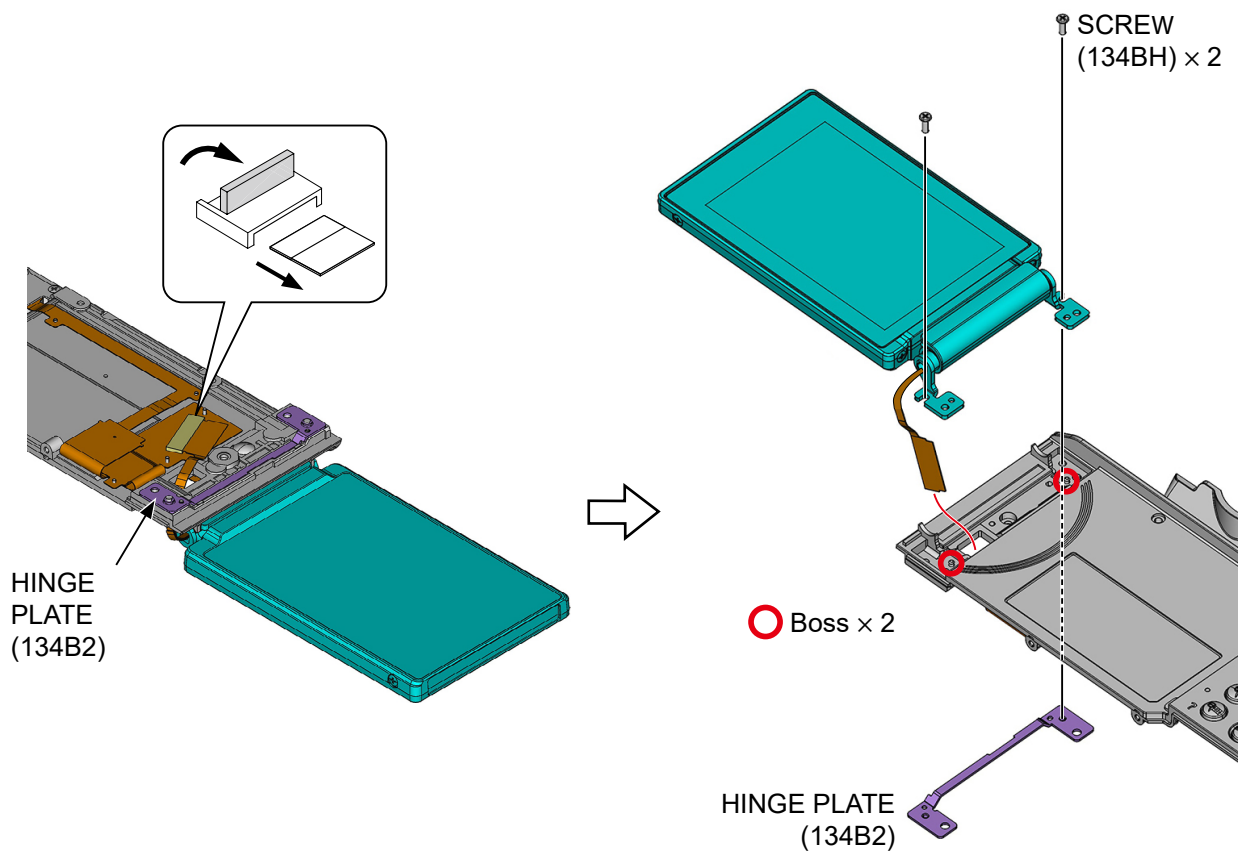
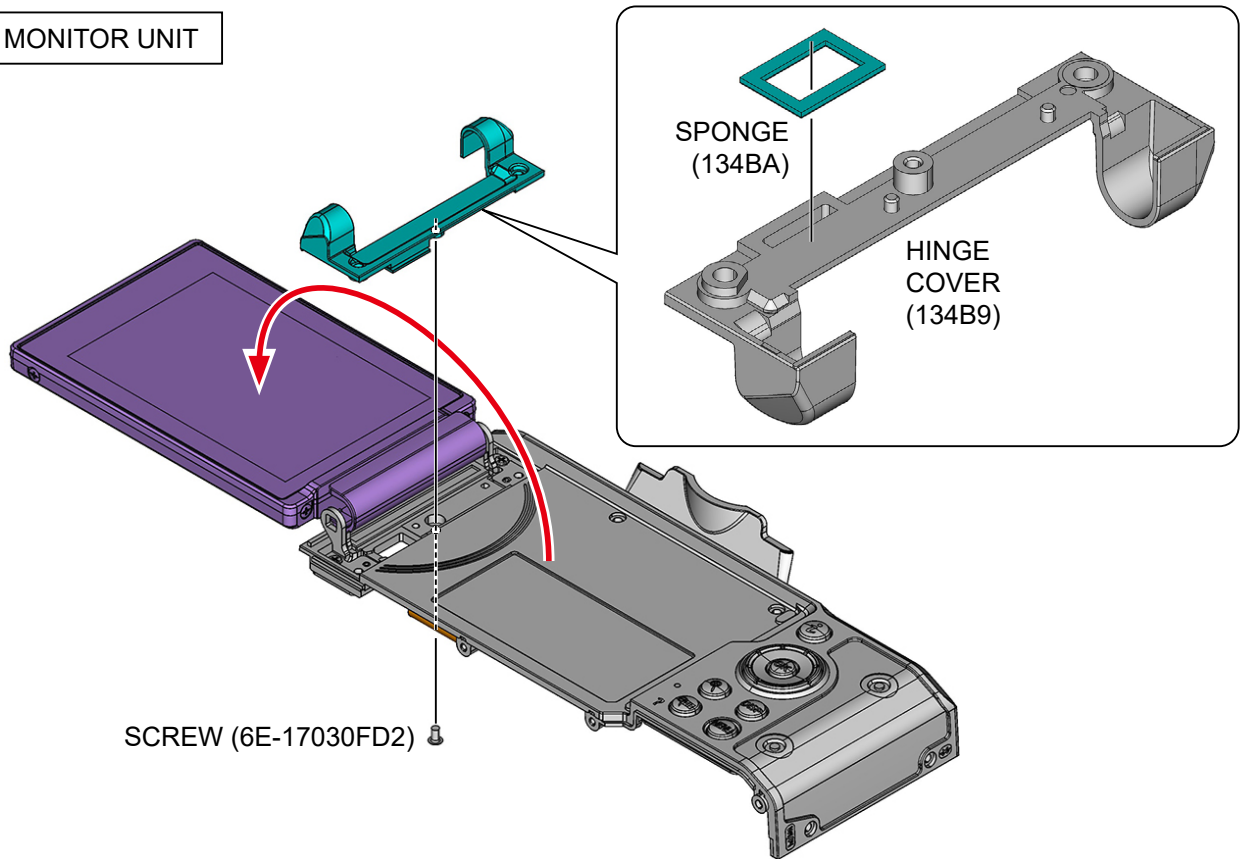


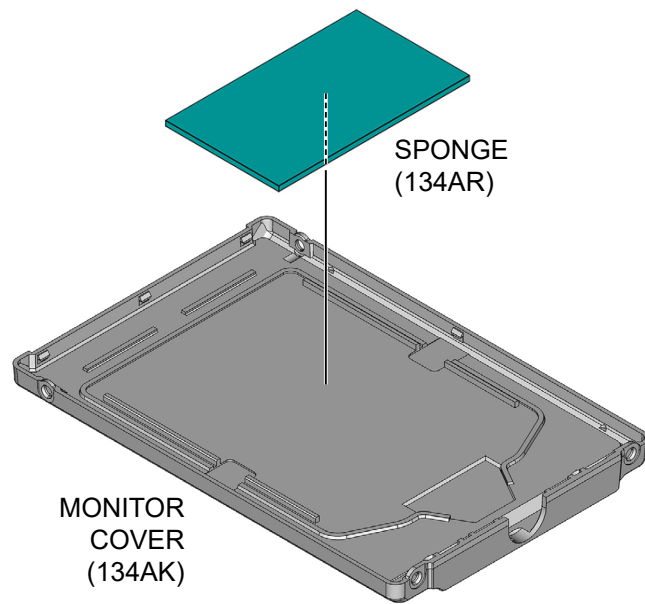
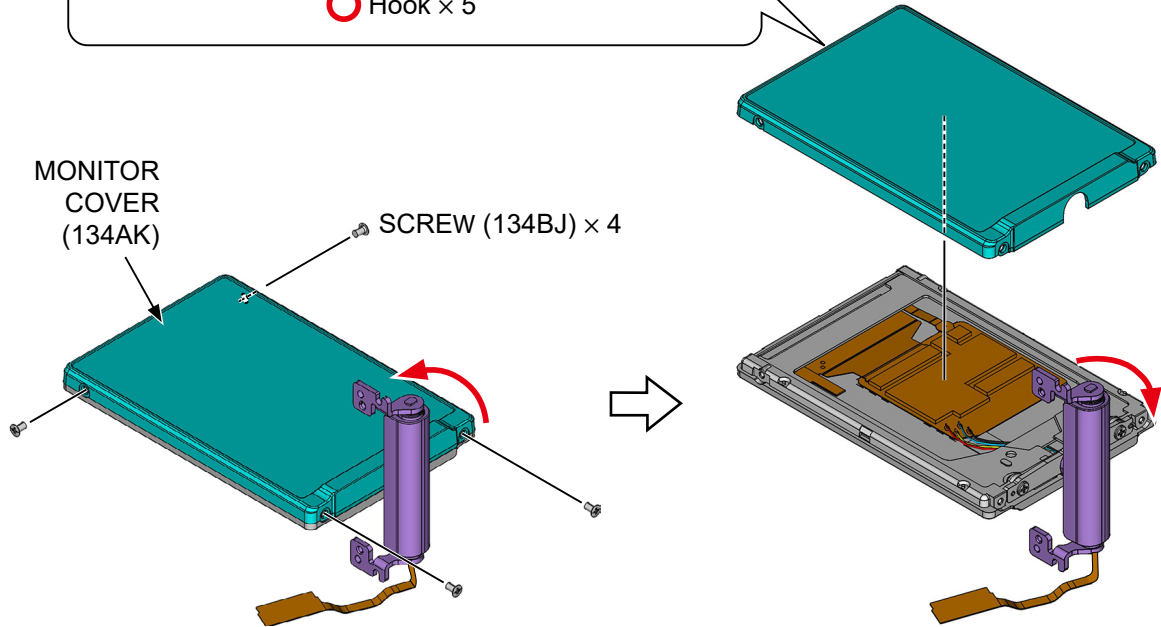
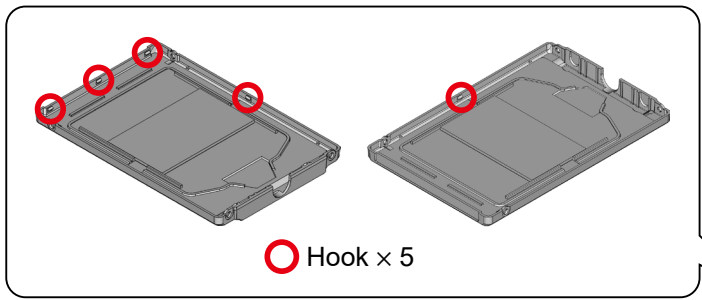
HOT SHOE



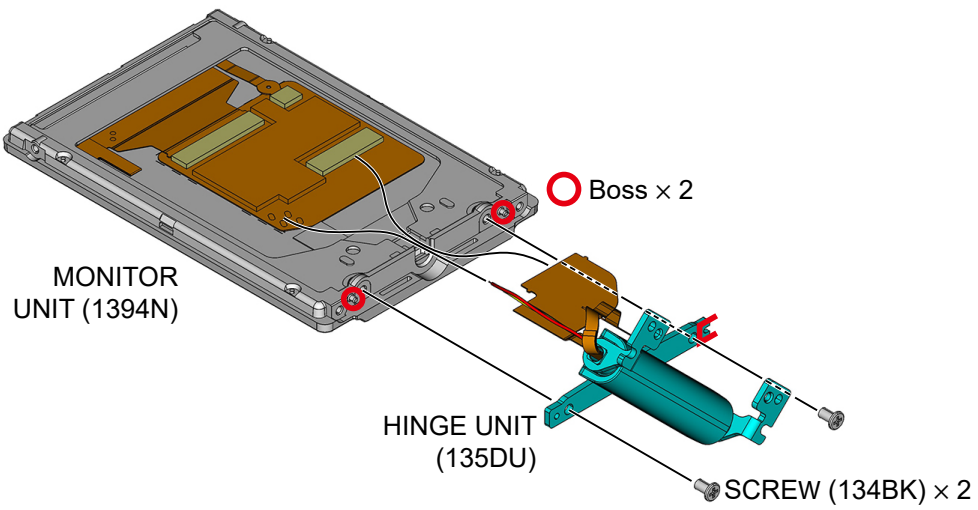
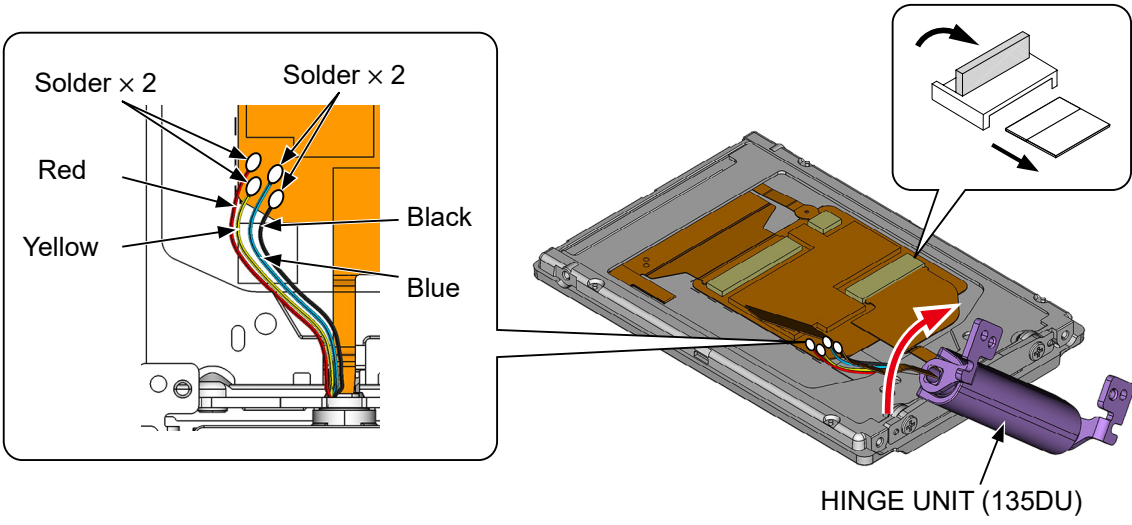
4. Rear cover

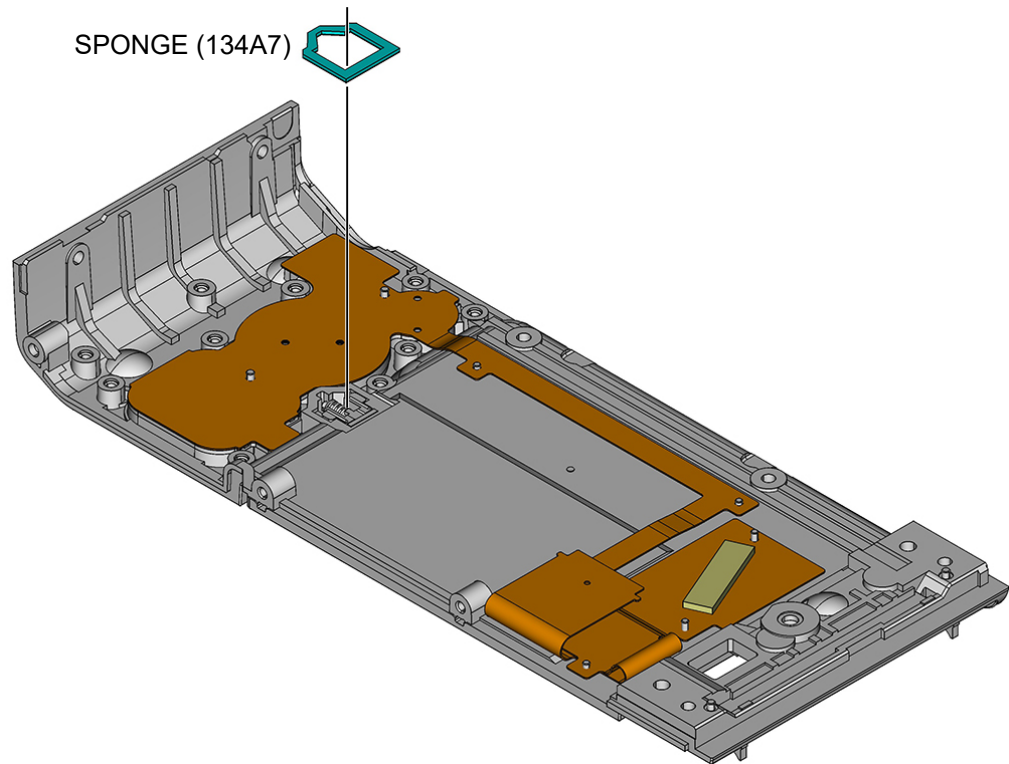
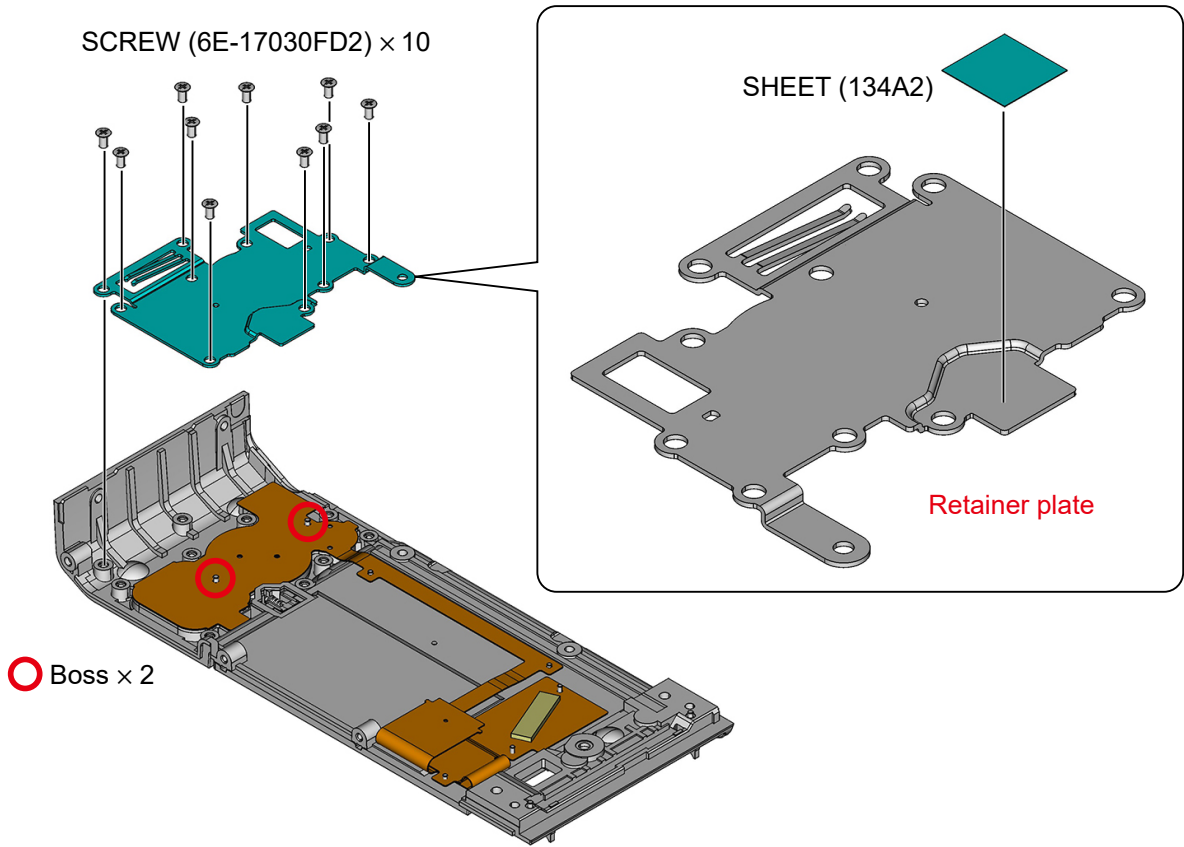
MONITOR UNIT

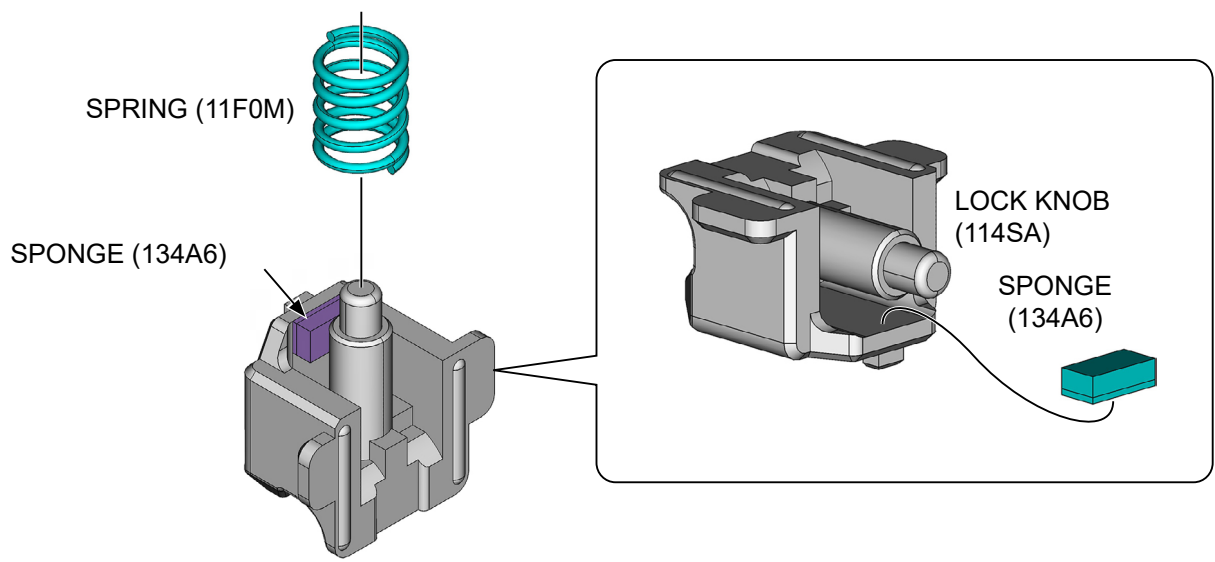
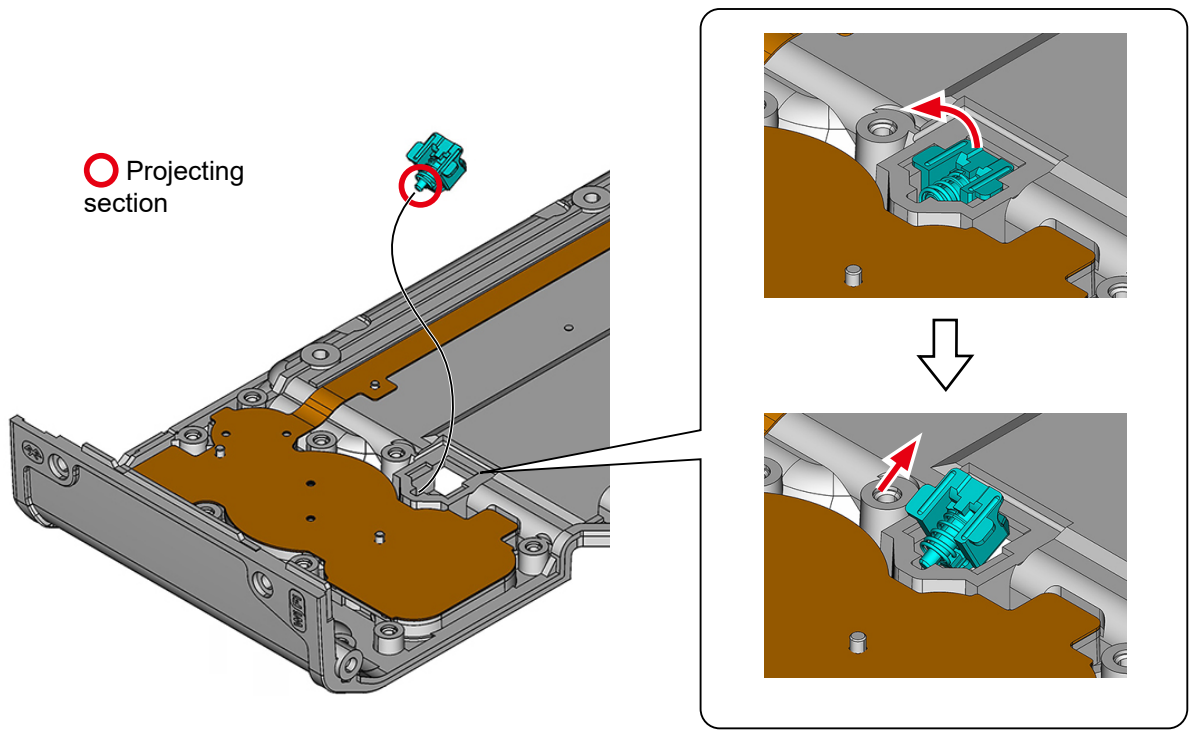




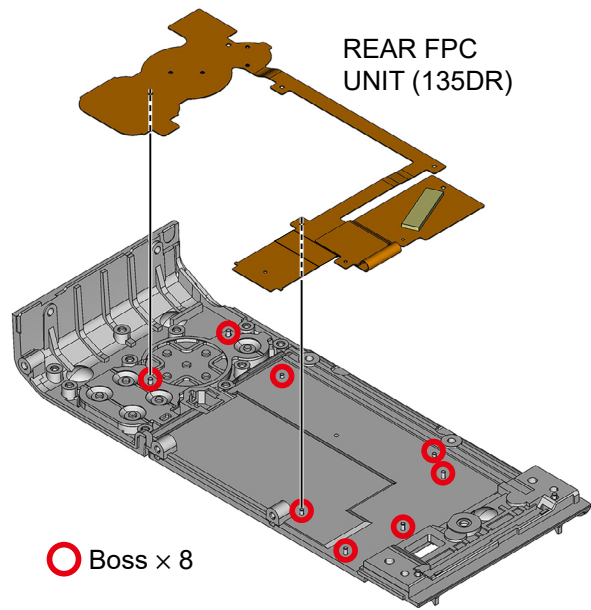
HINGE UNIT



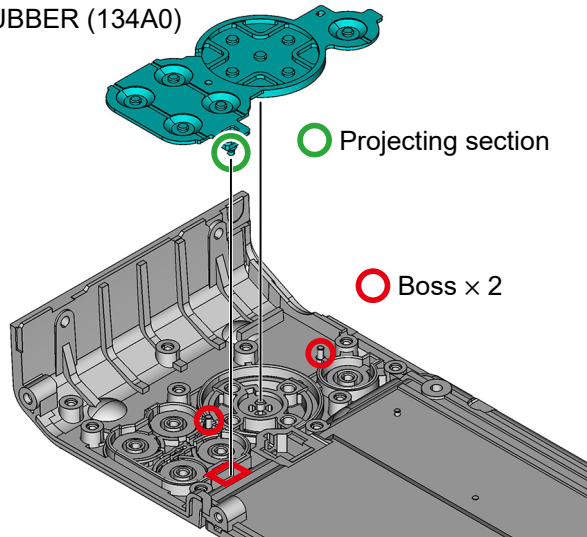




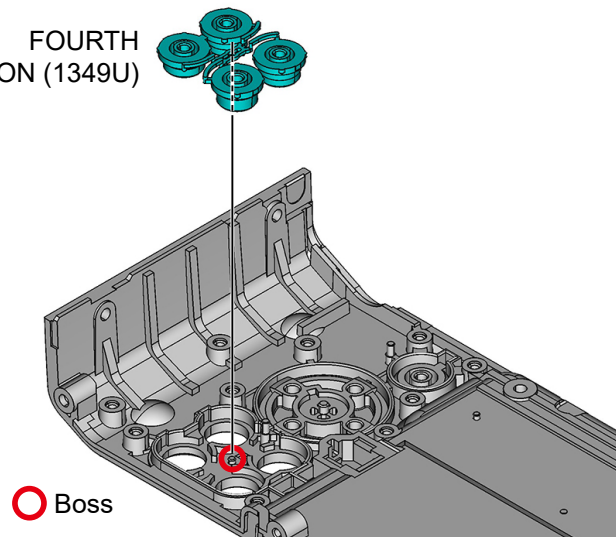
REAR FPC UNIT

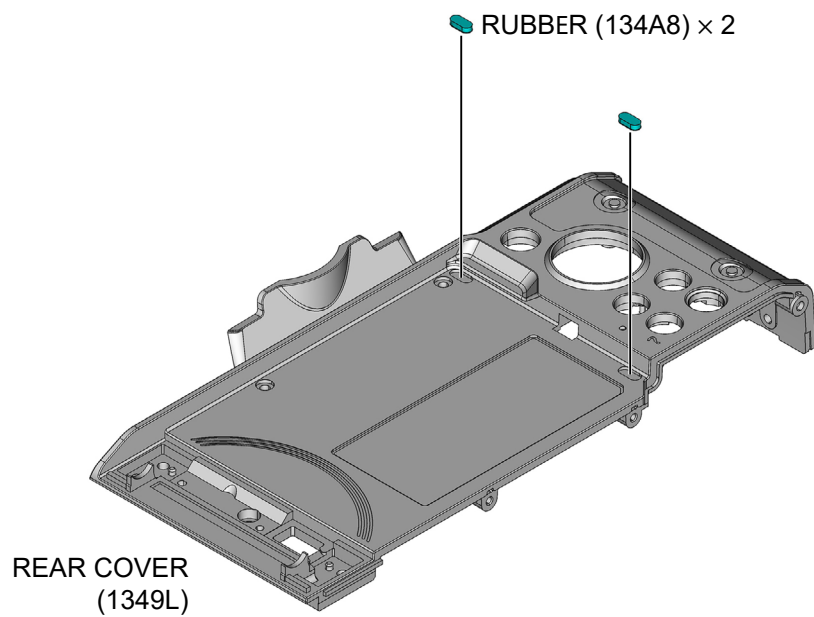
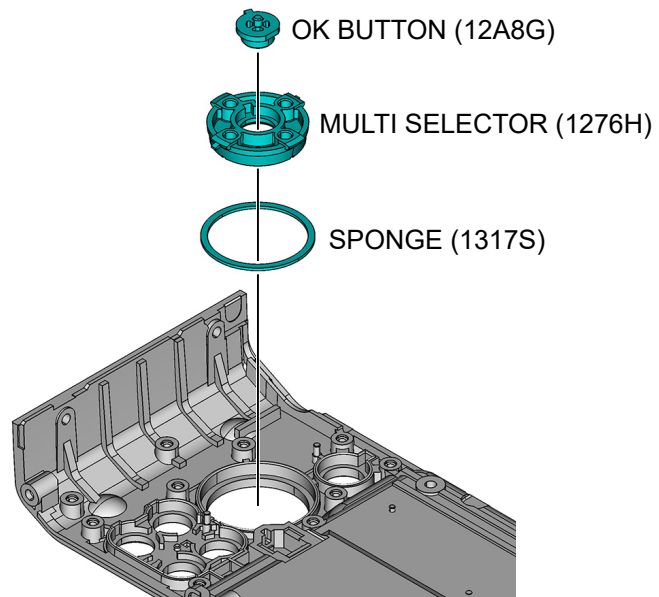
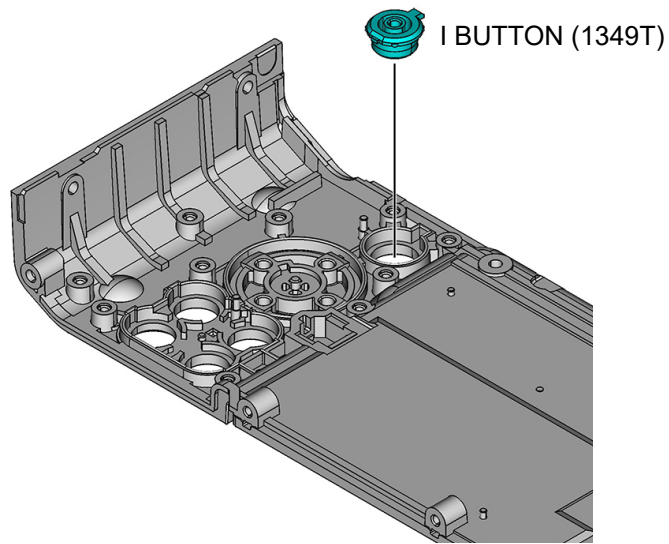


RUBBER (134A0)



FOURTH
BUTTON (1349U)

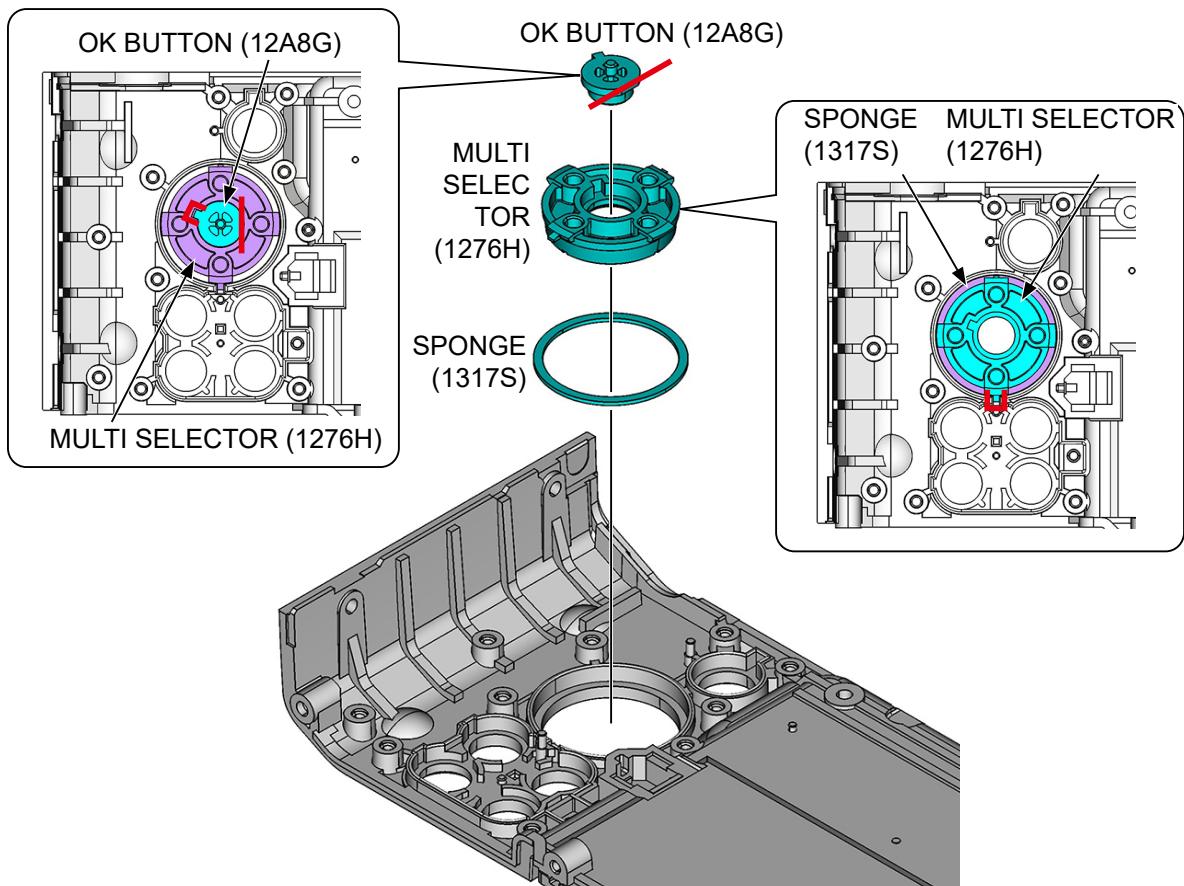
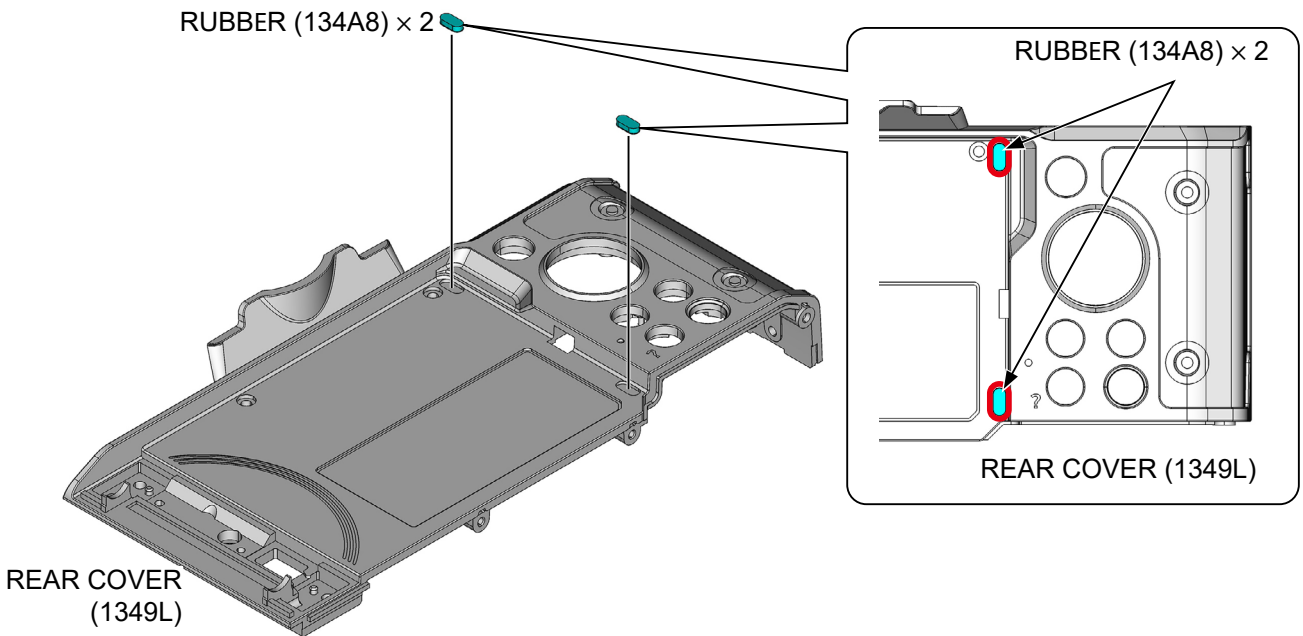


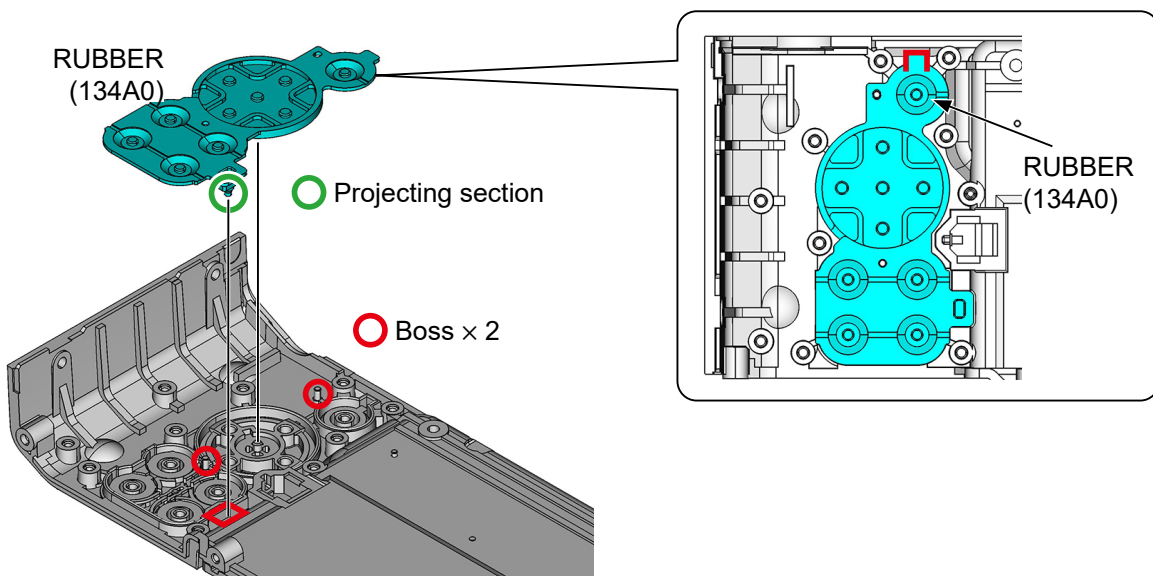
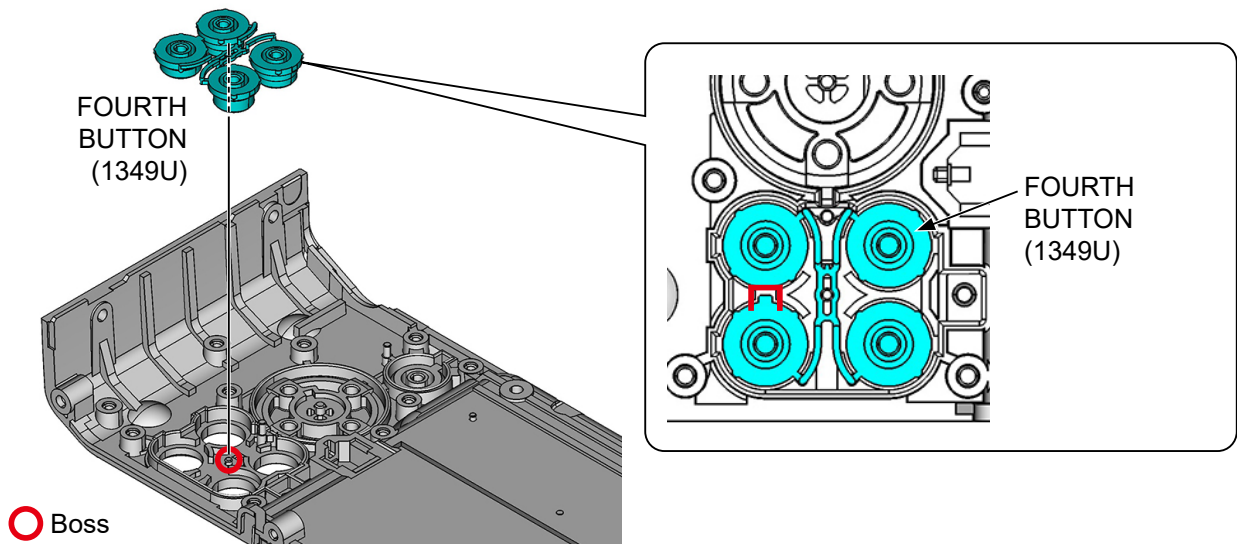
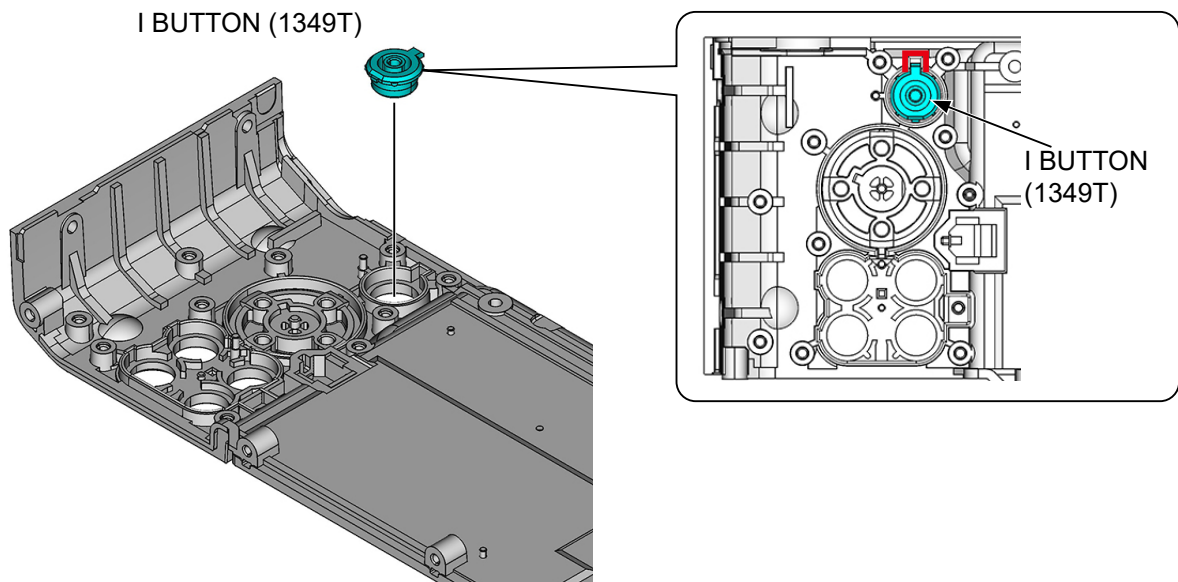


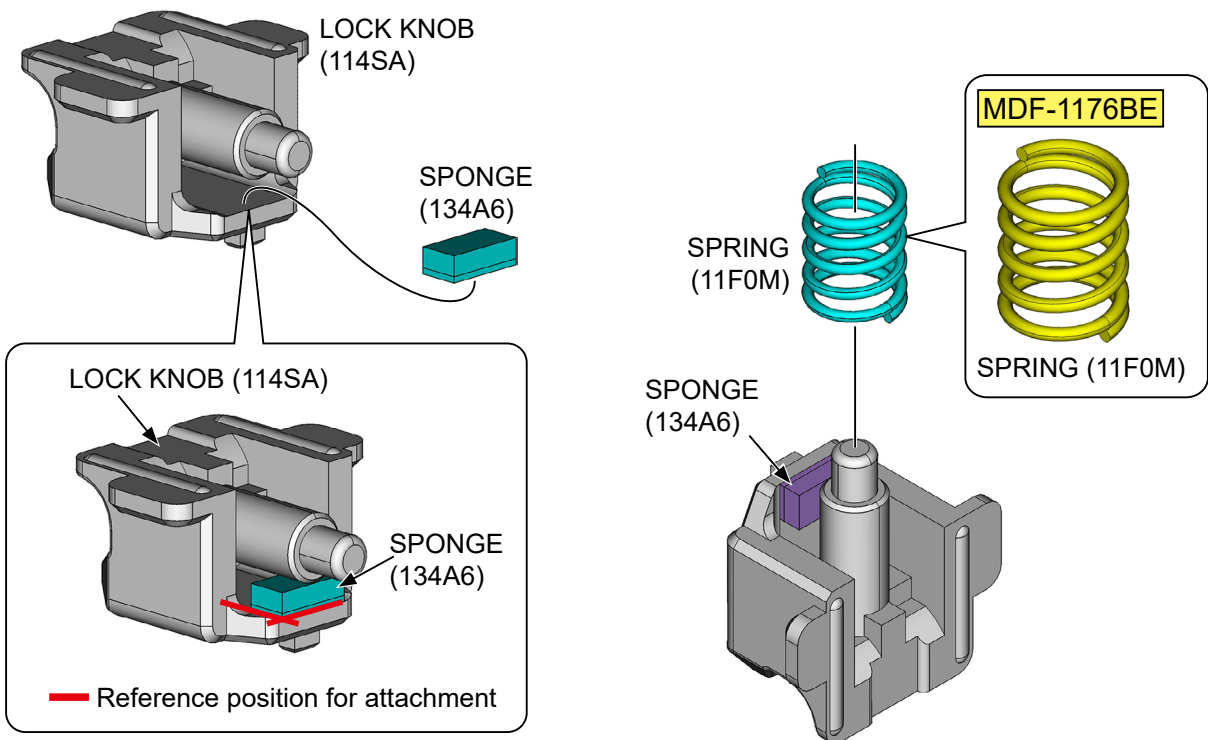
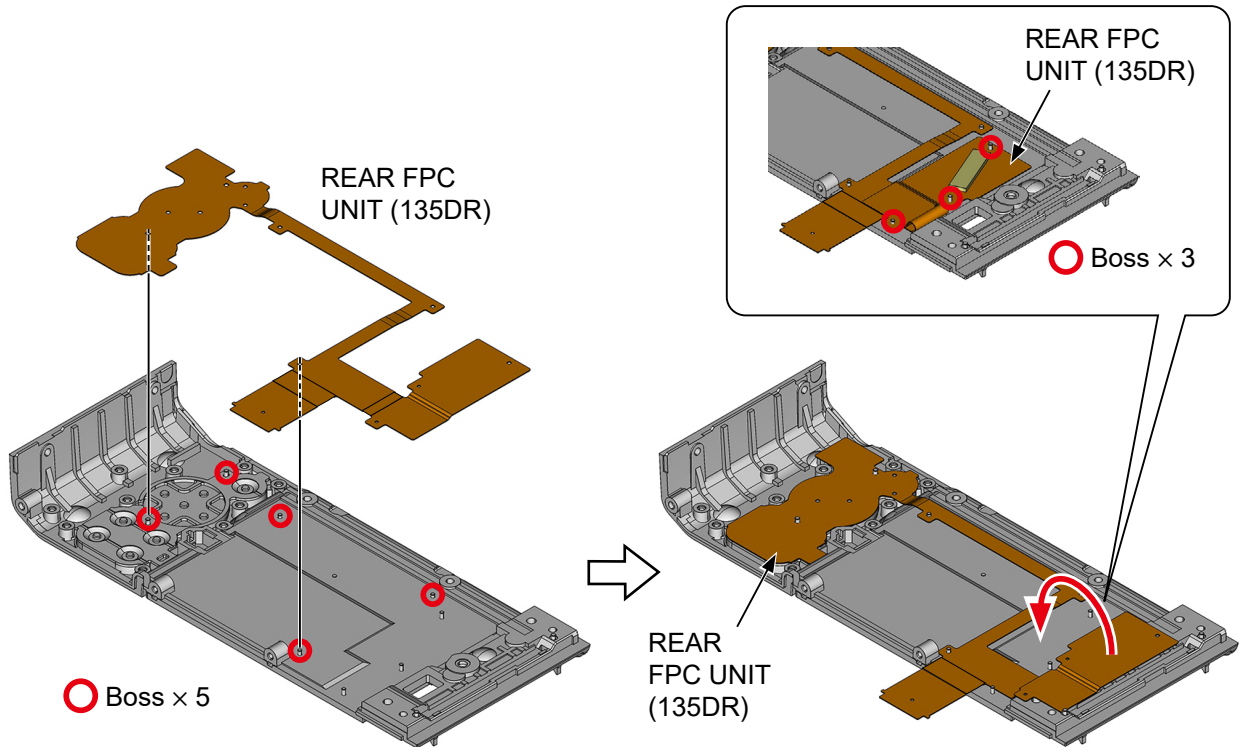
Assembly

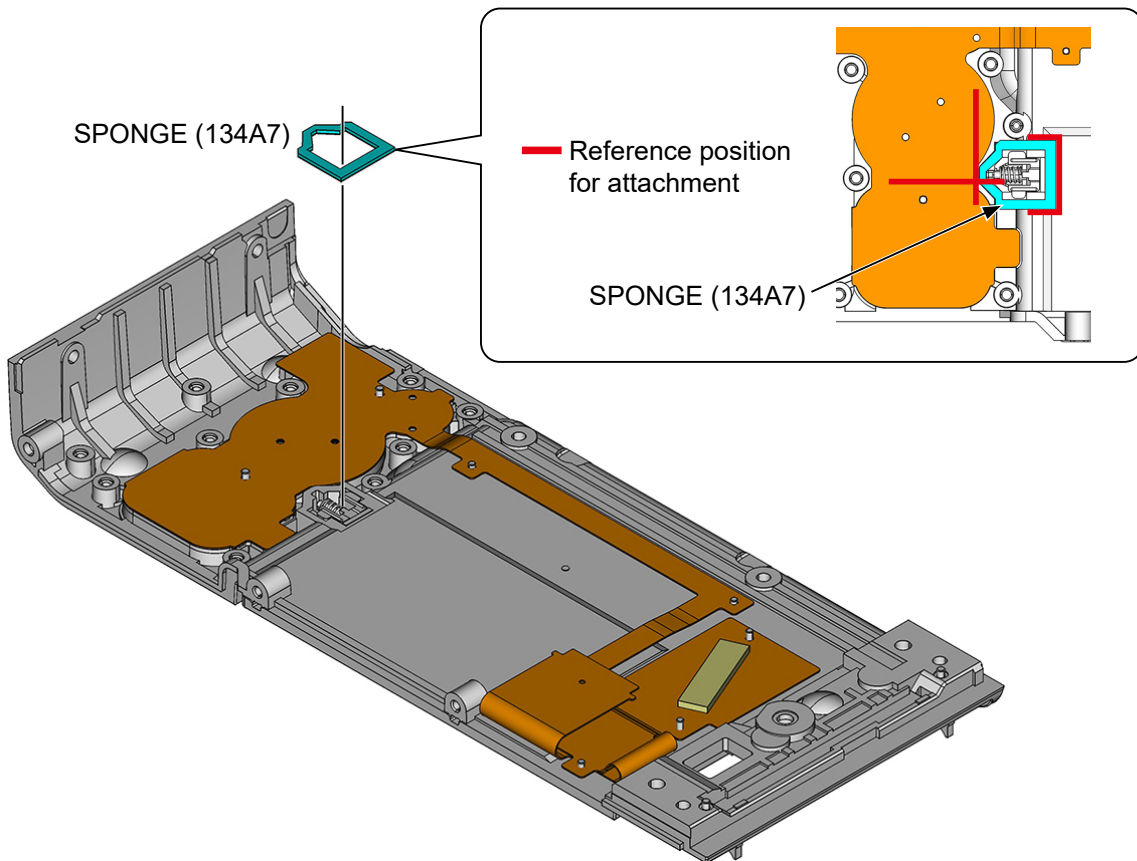
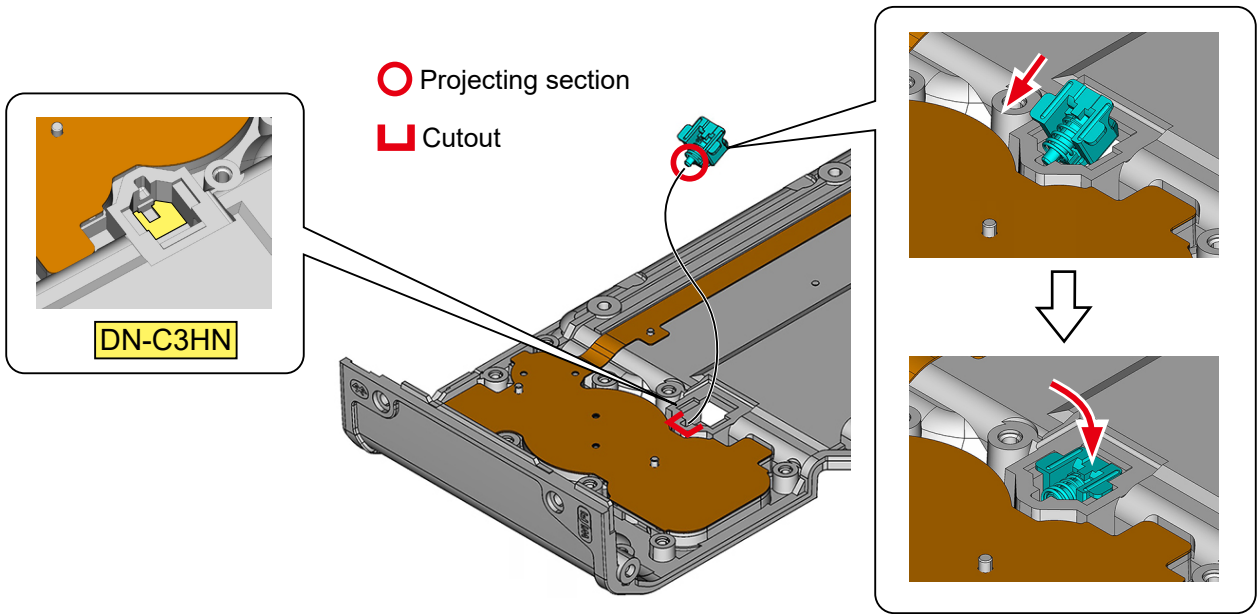
1. Rear cover

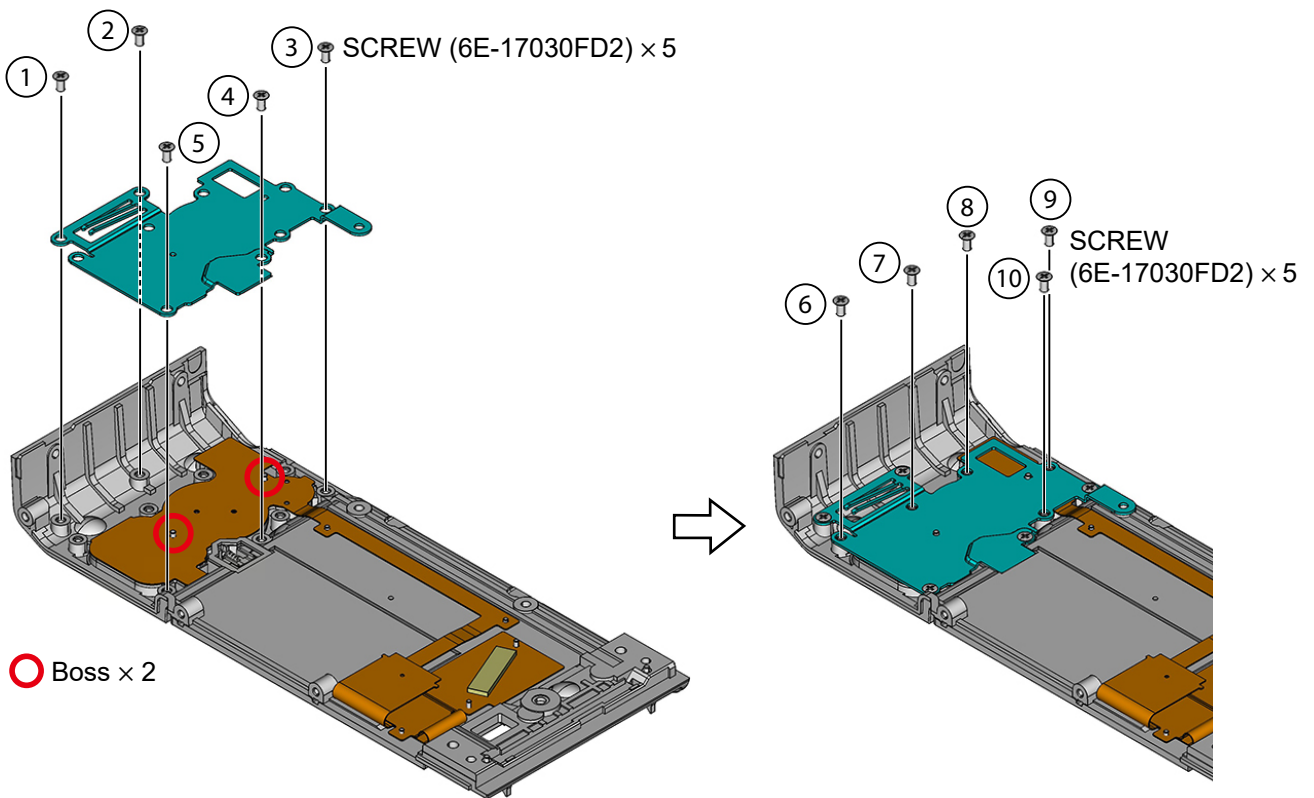
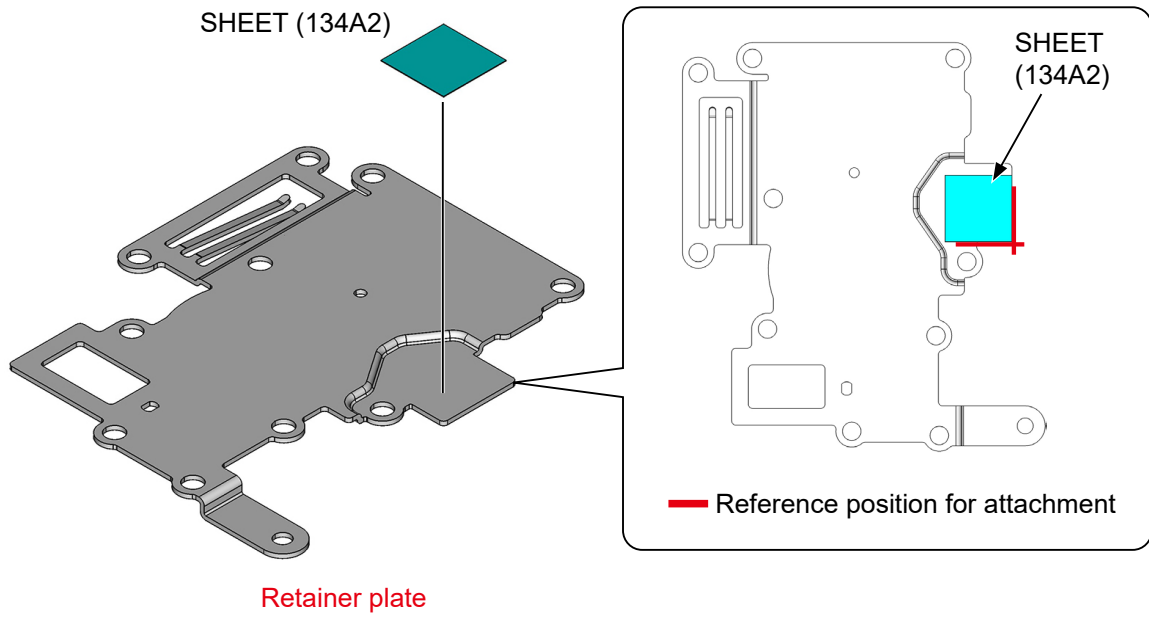
REAR FPC UNIT



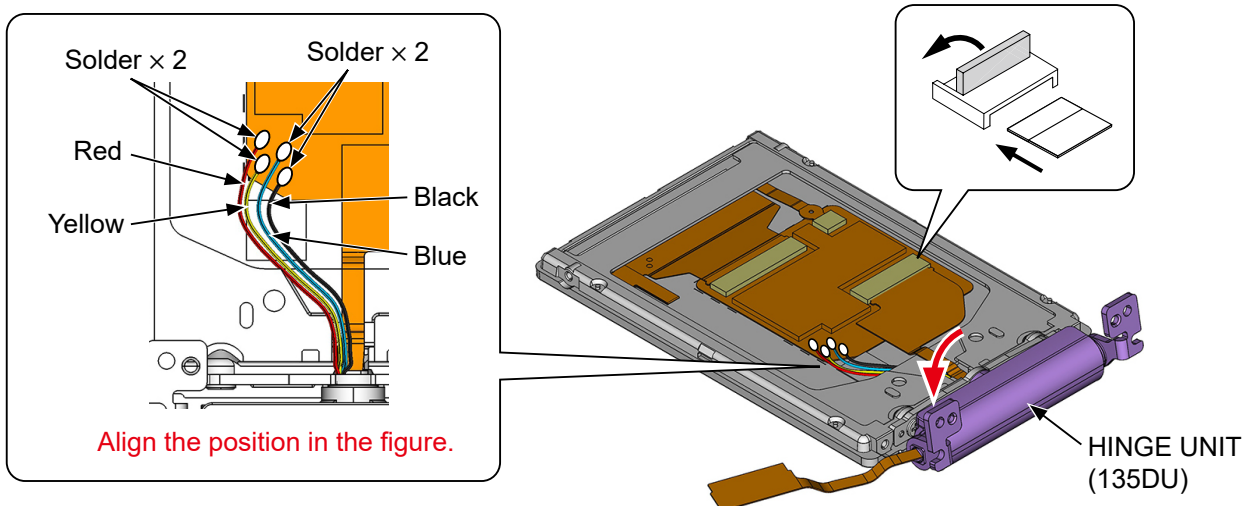
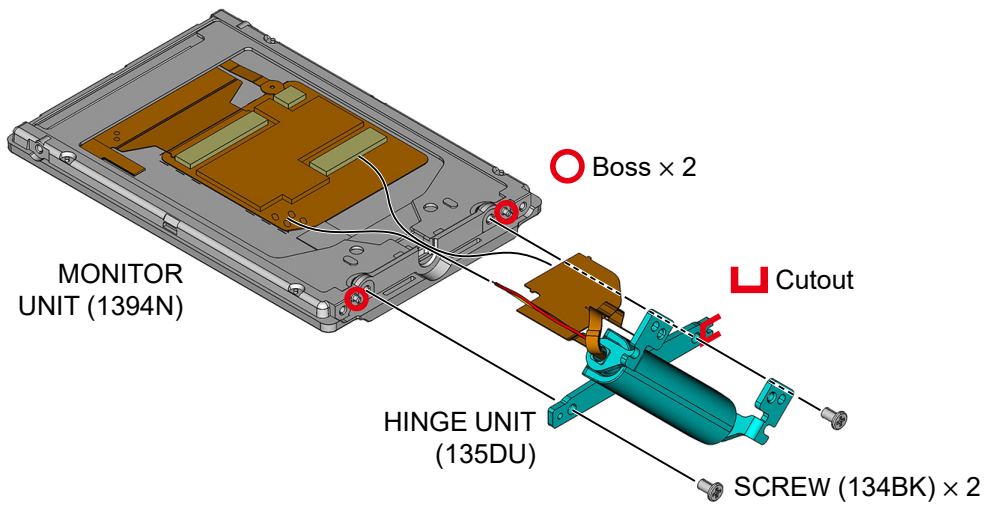
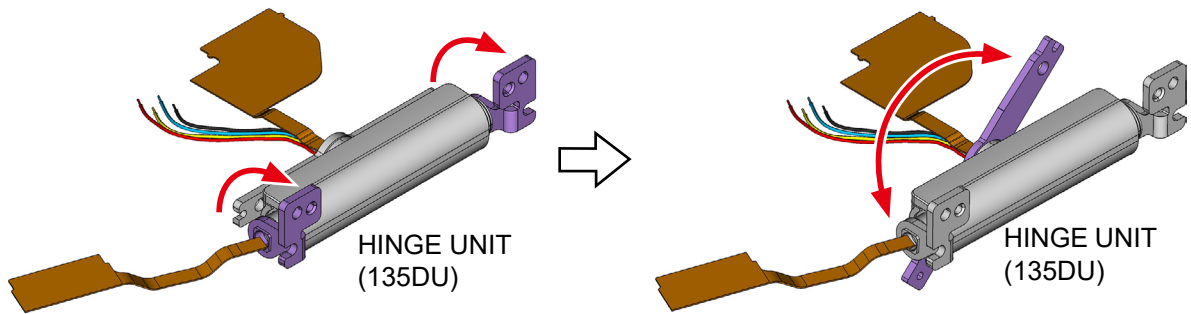


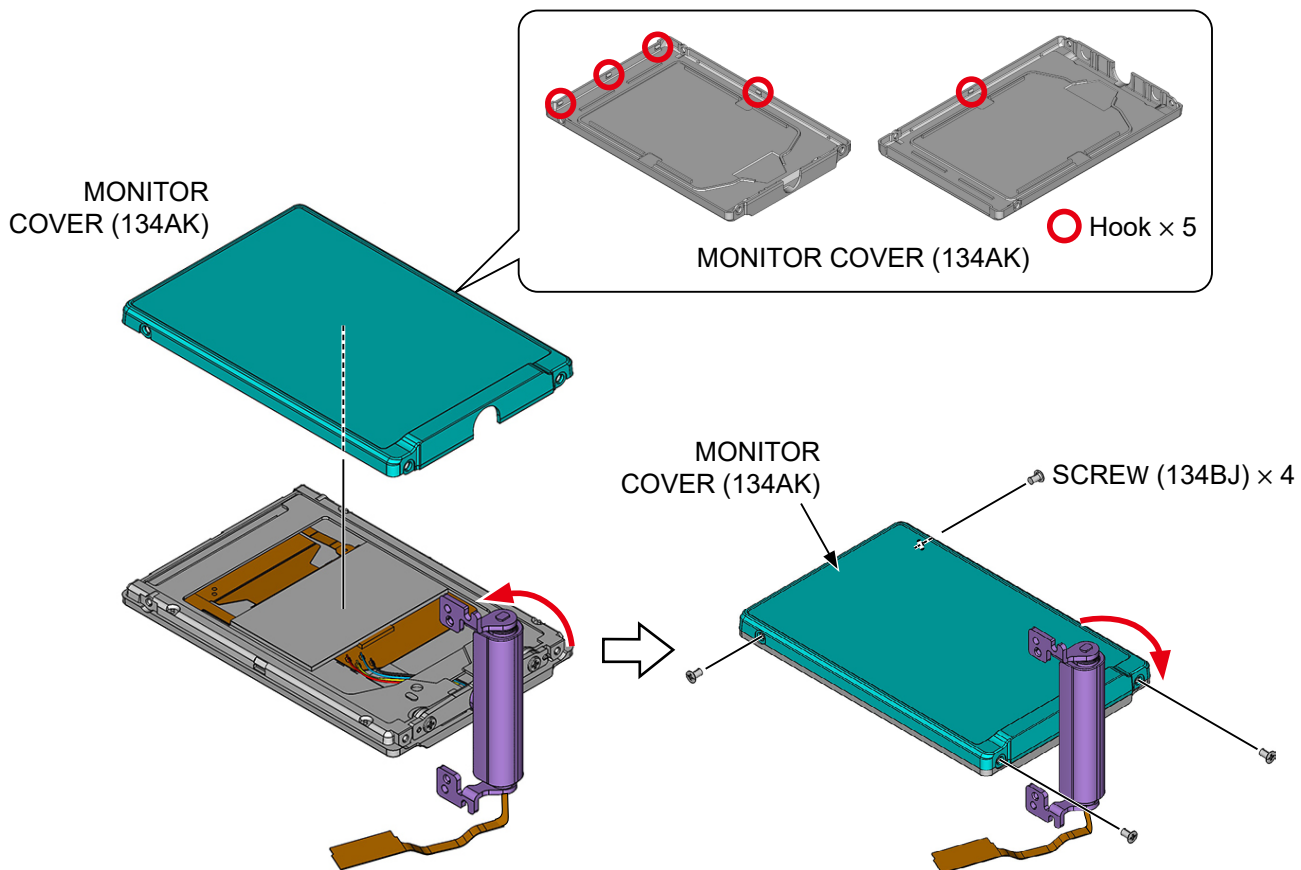
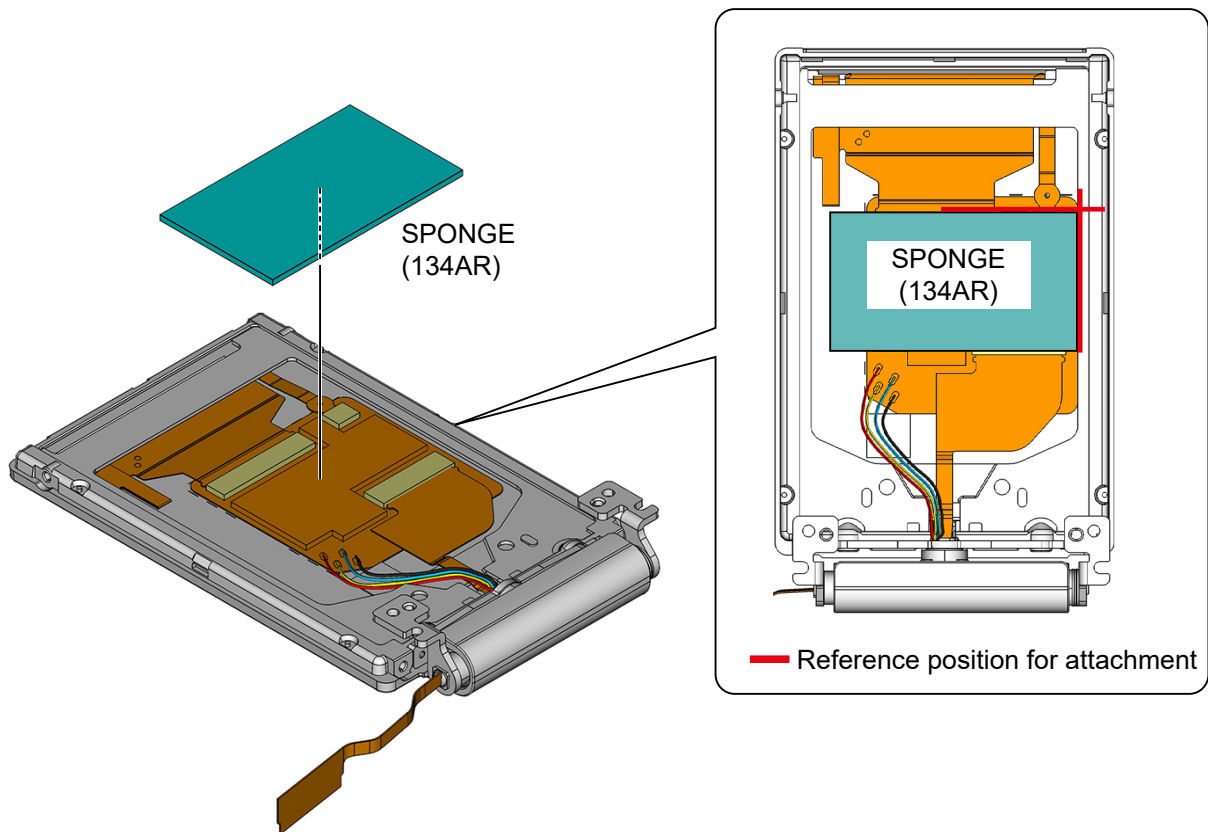




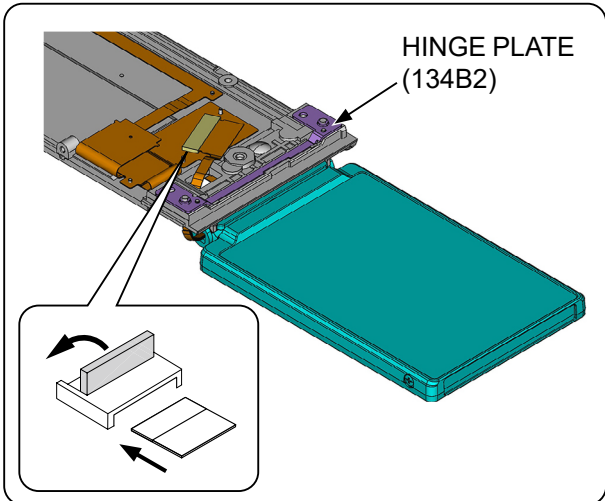
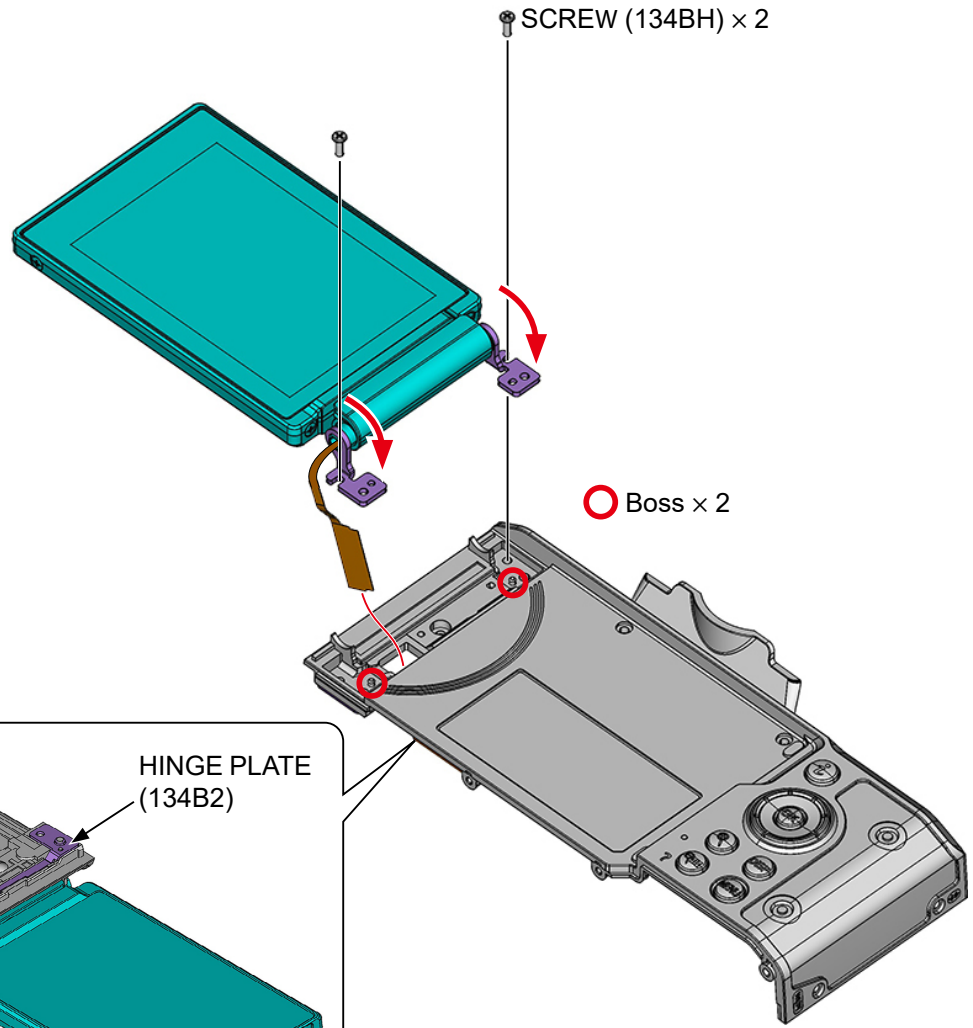
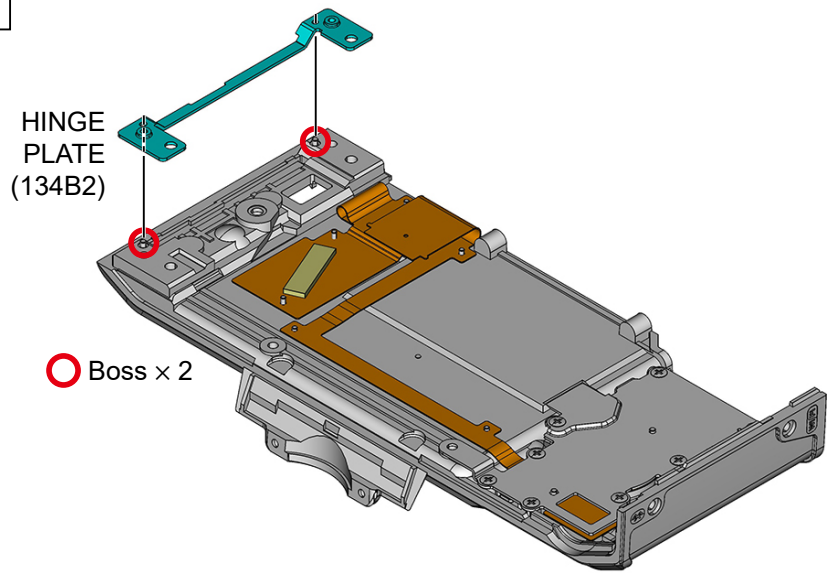


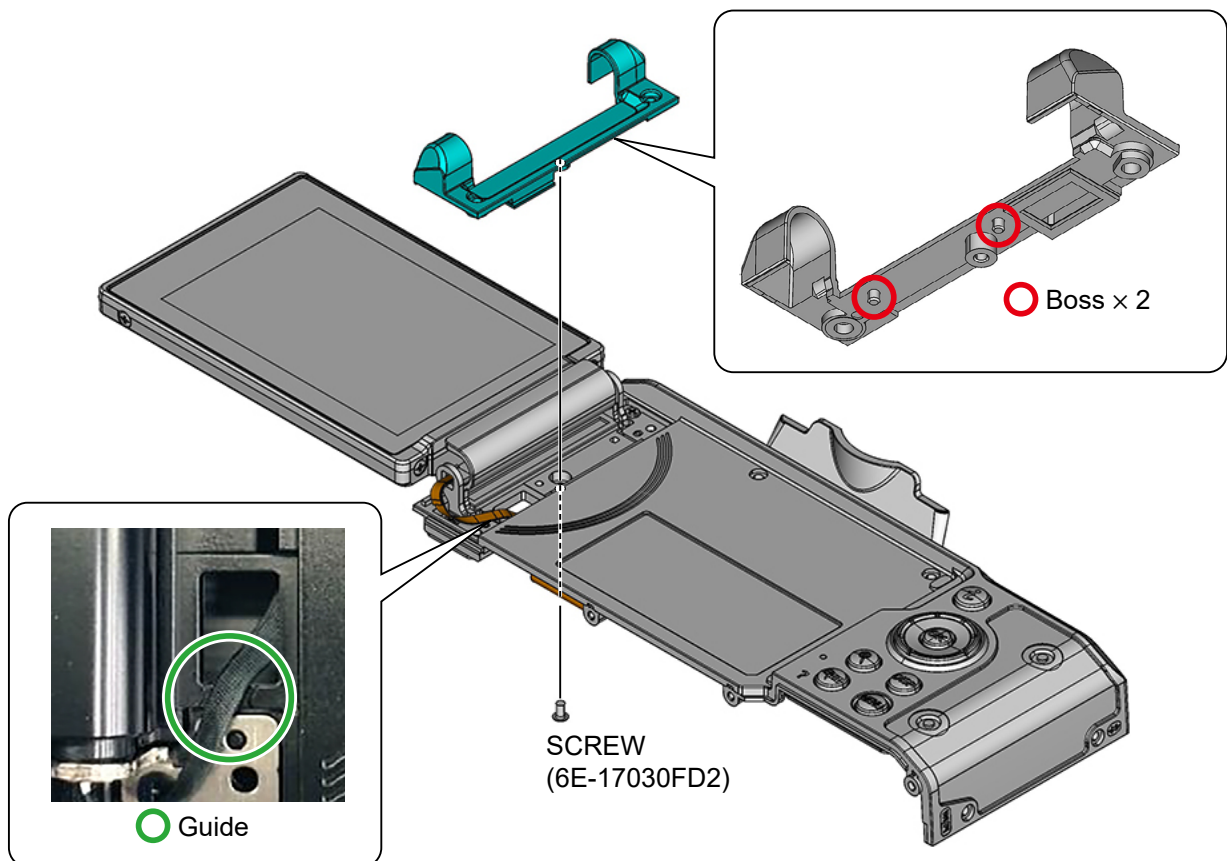
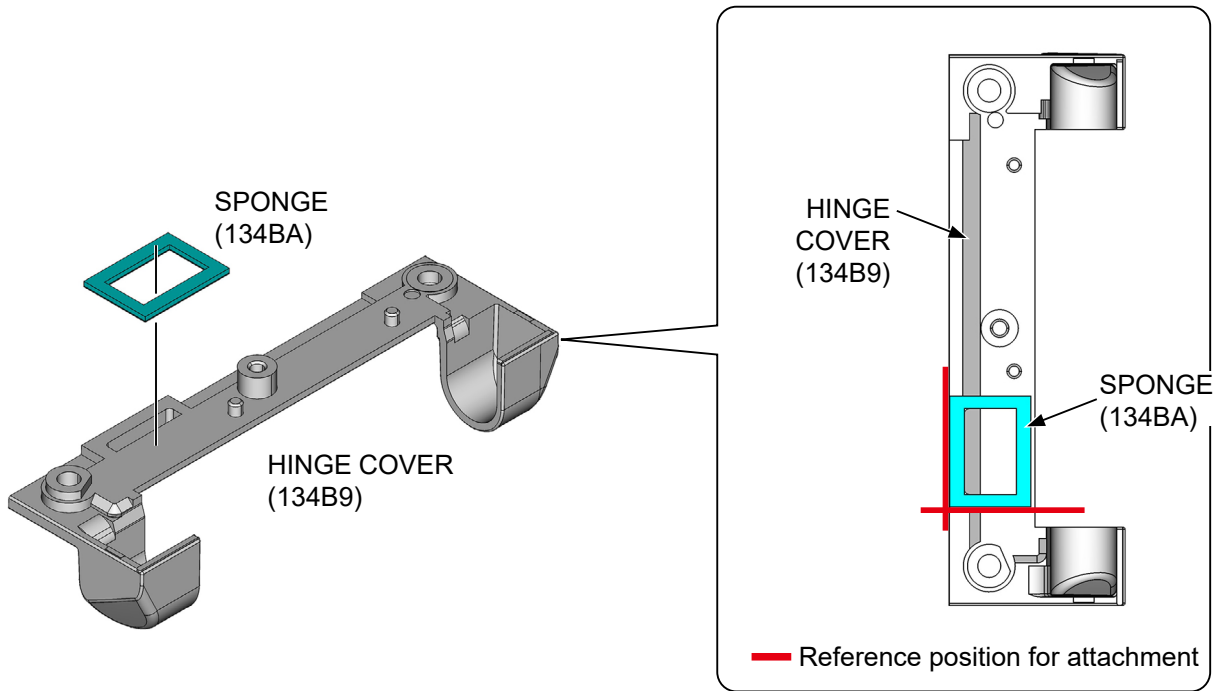
HINGE UNIT

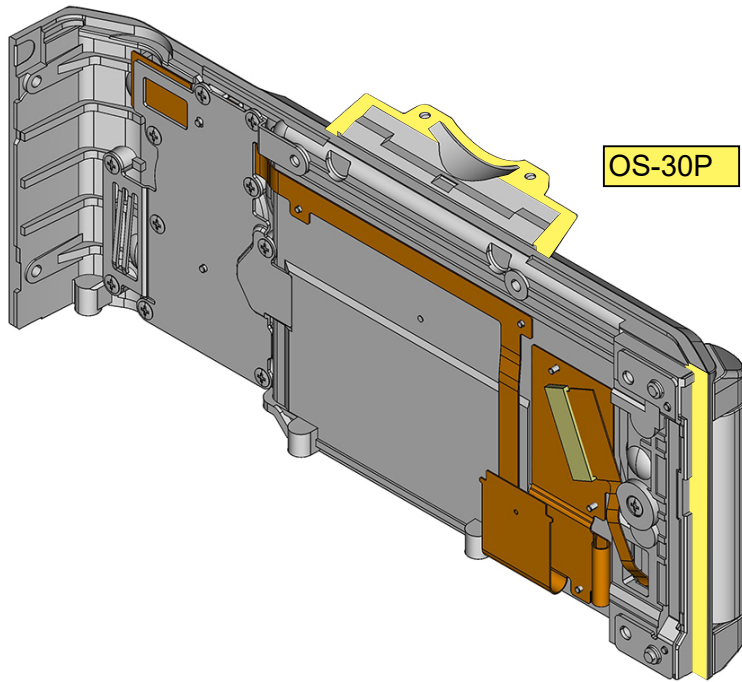
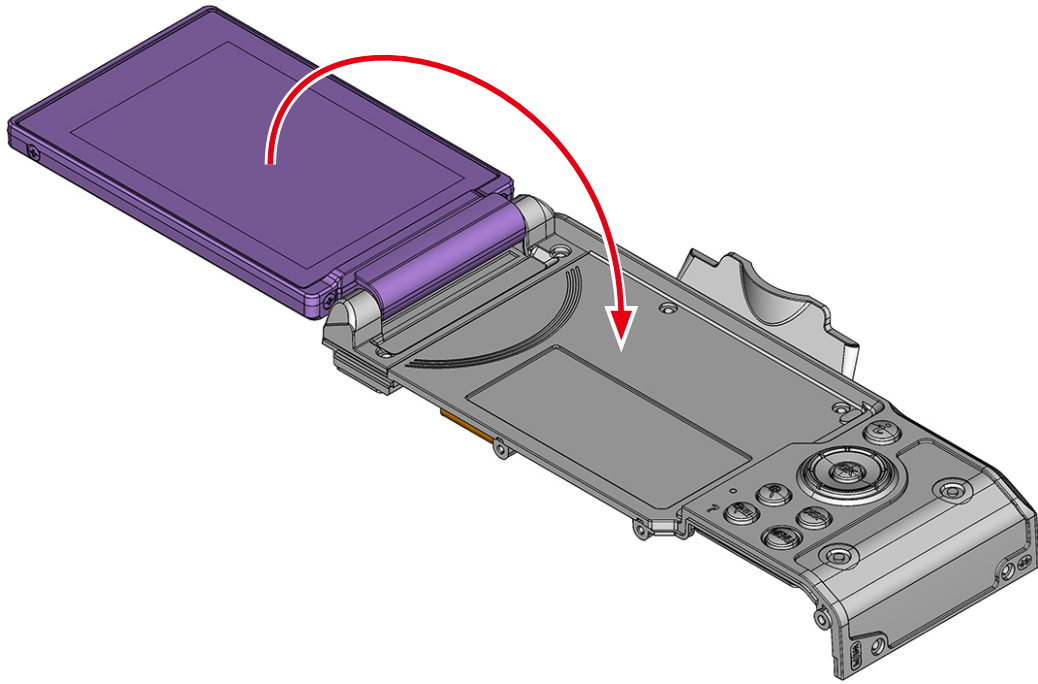




MONITOR UNIT

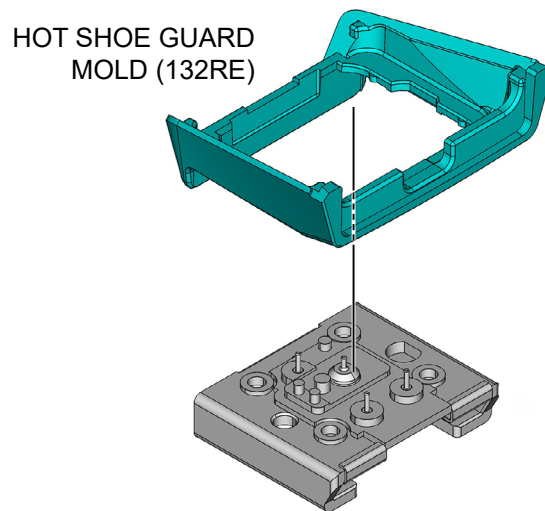
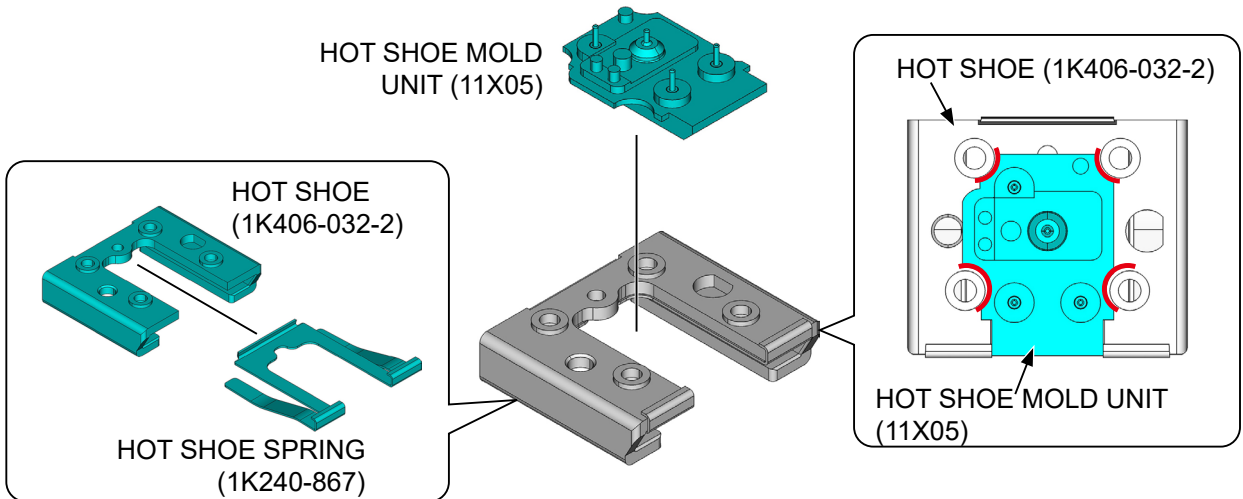
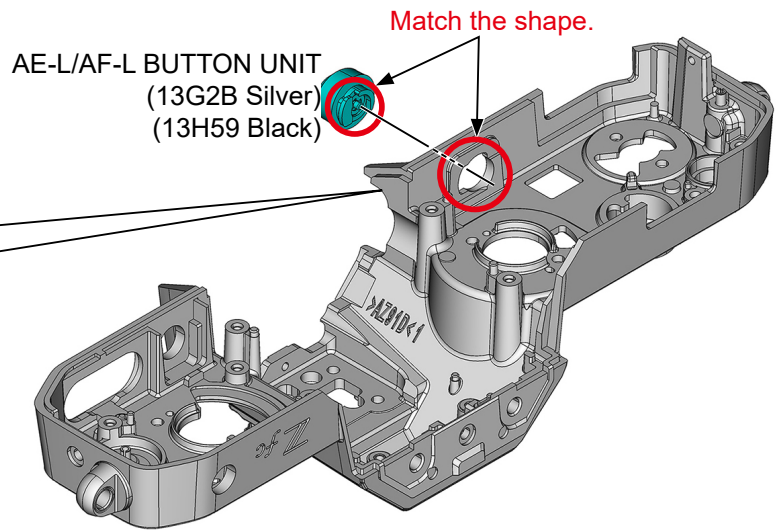
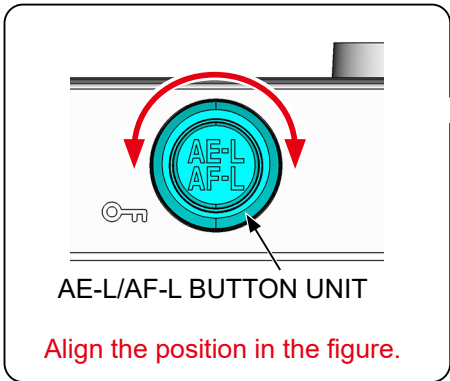




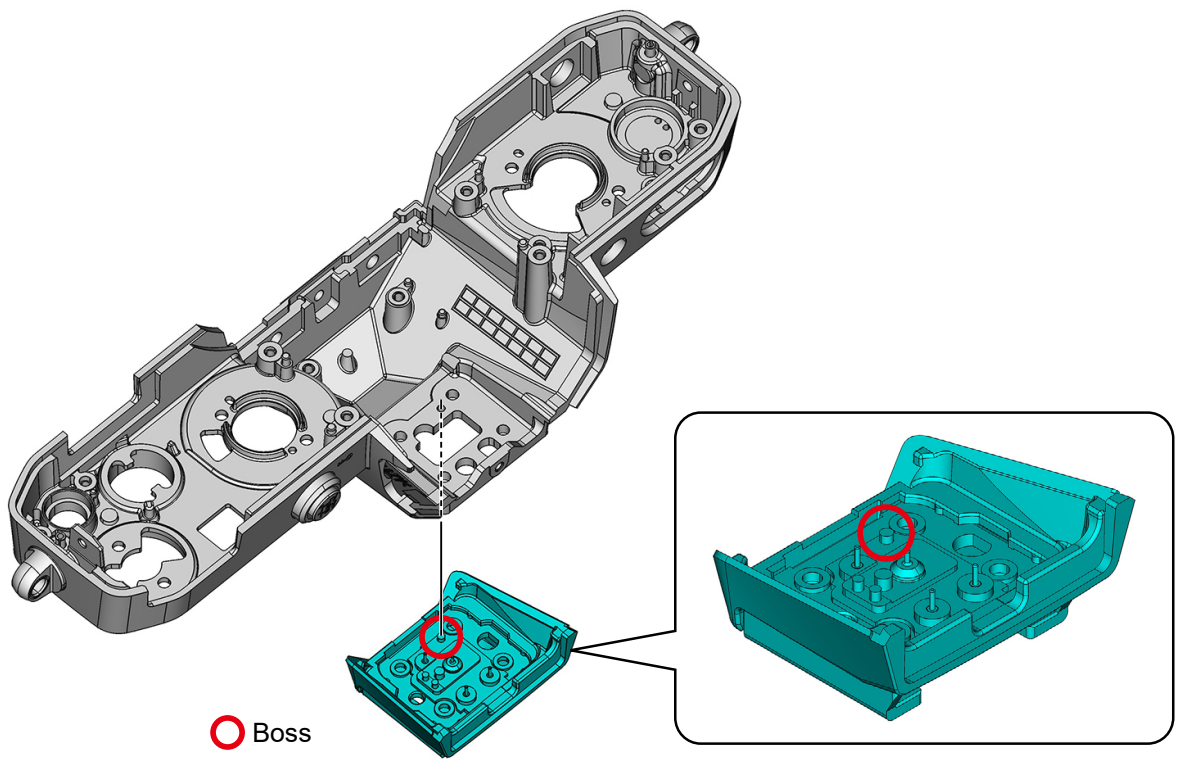


2. Top cover

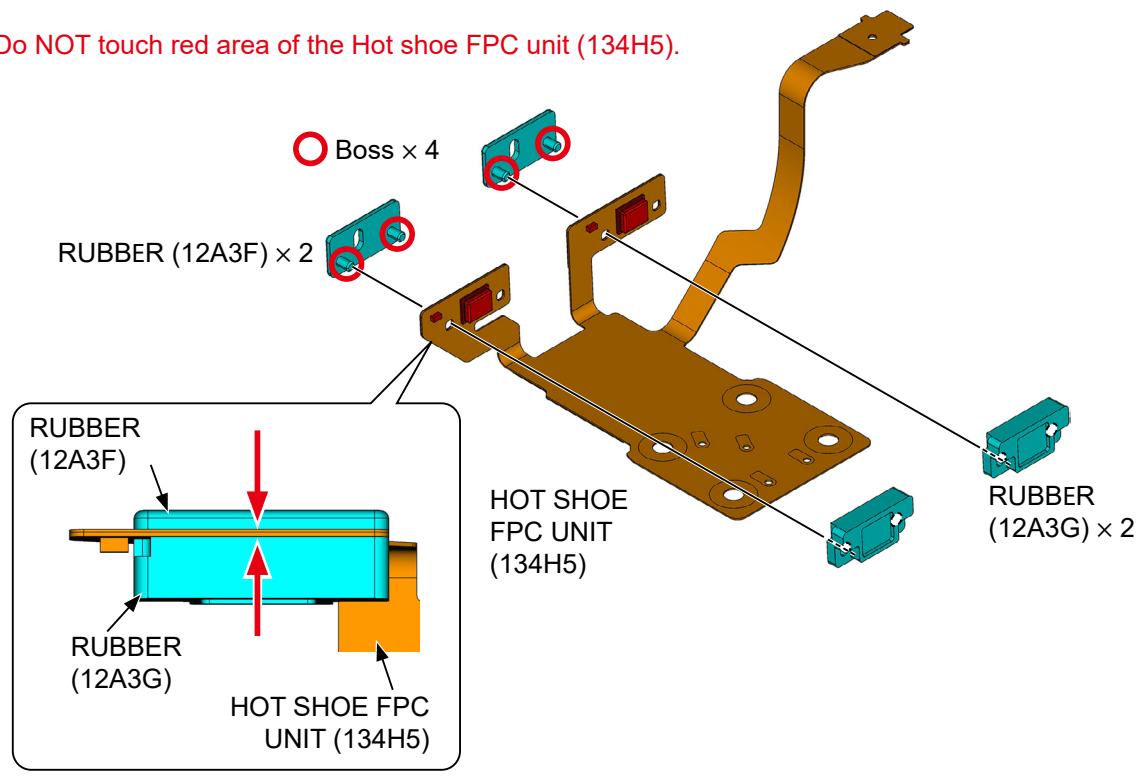
HOT SHOE



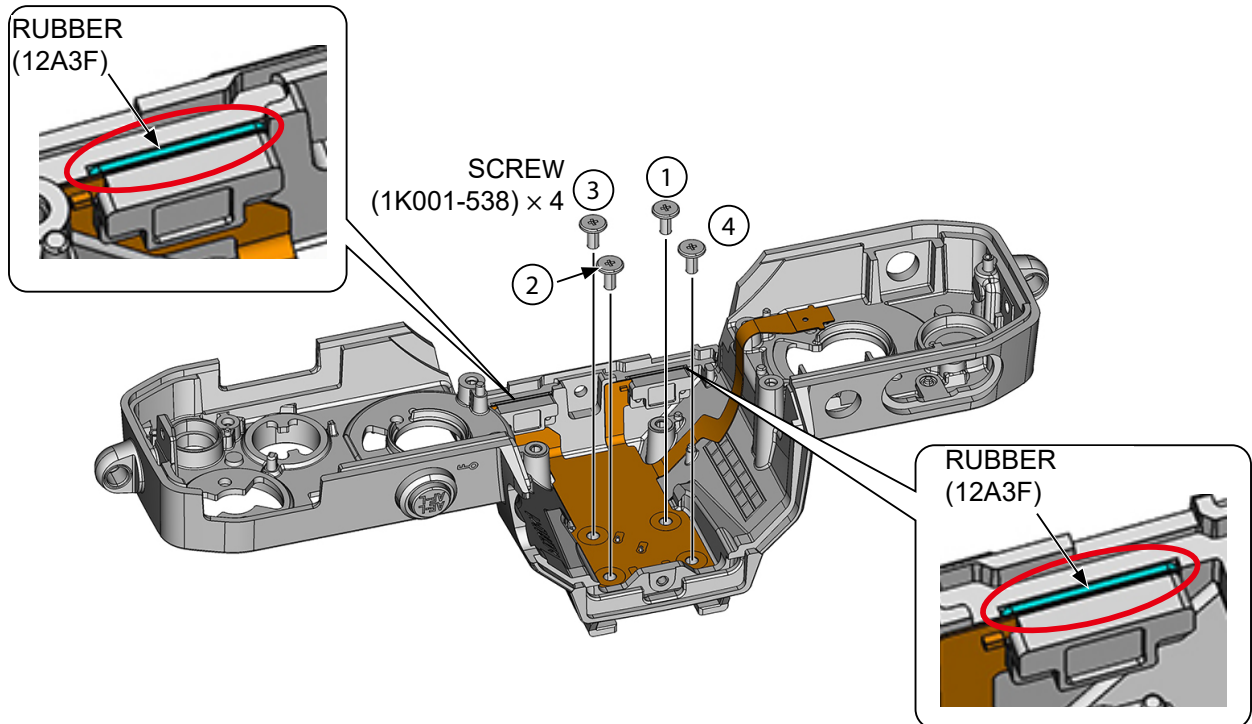
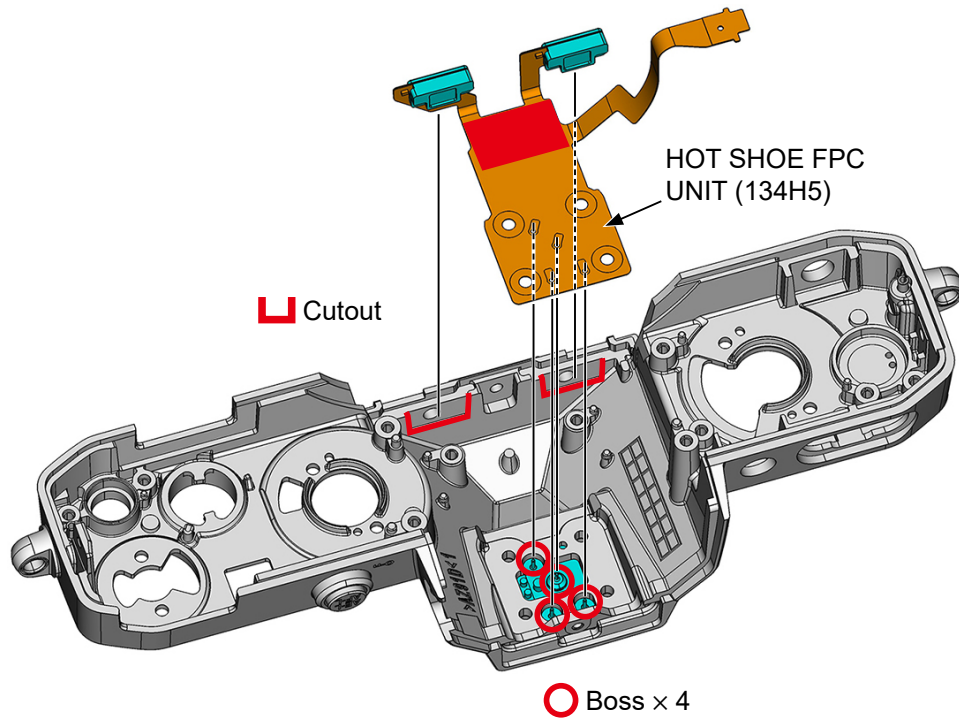
HOT SHOE FPC UNIT

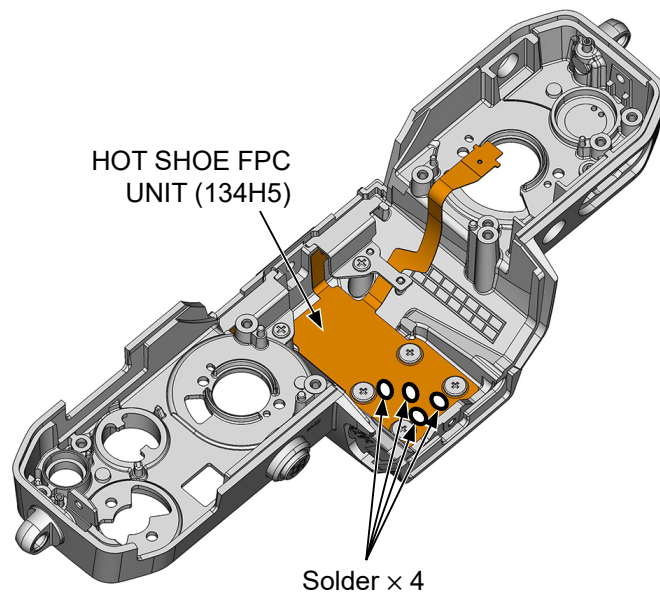
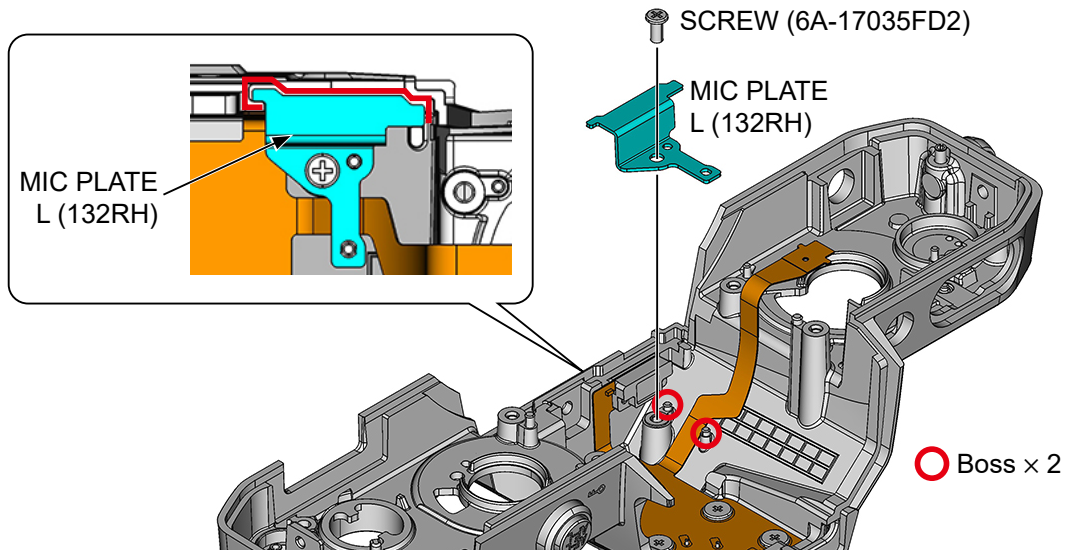
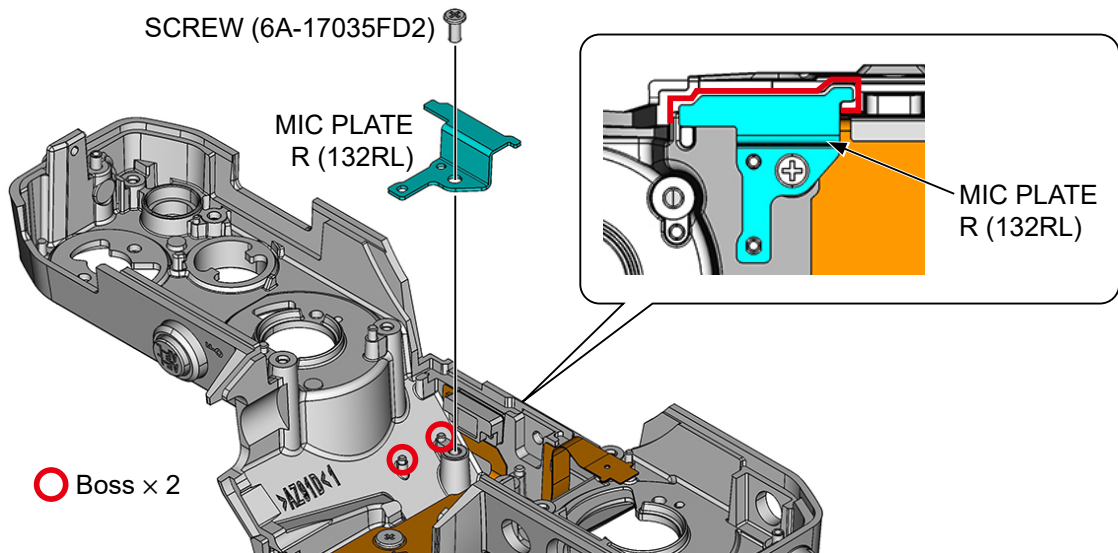


Do NOT touch red area of the Hot shoe FPC unit (134H5).

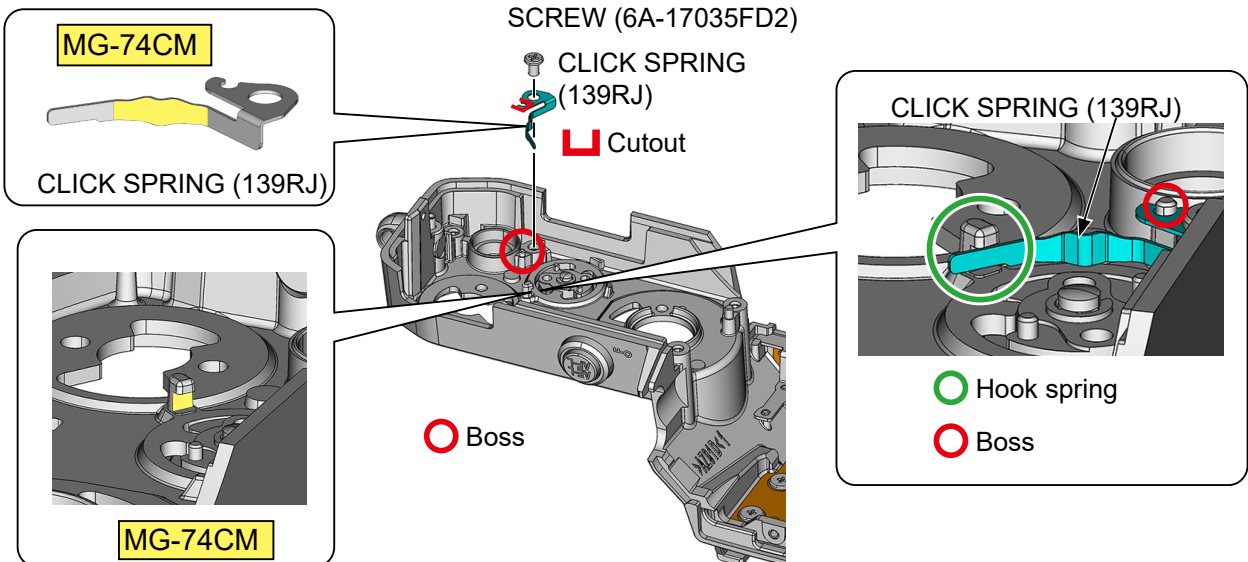
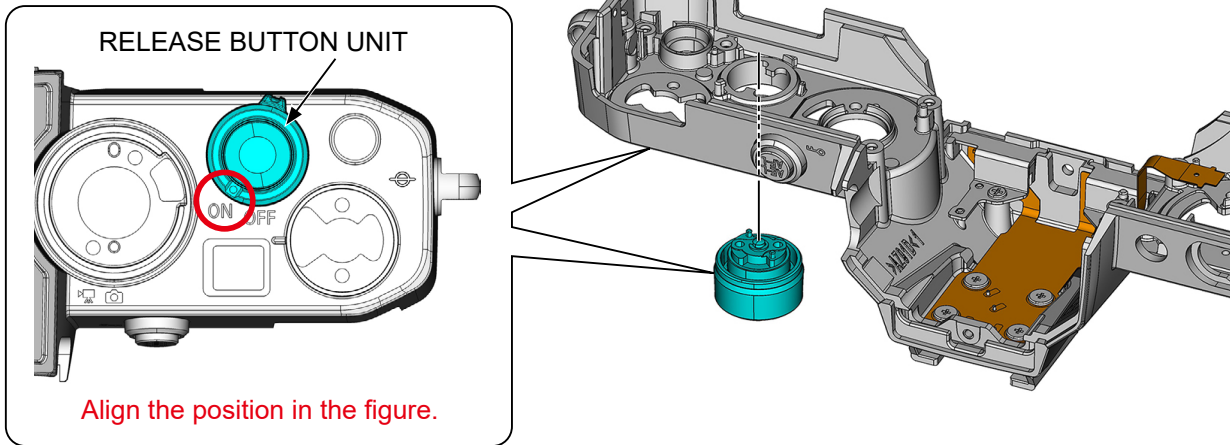
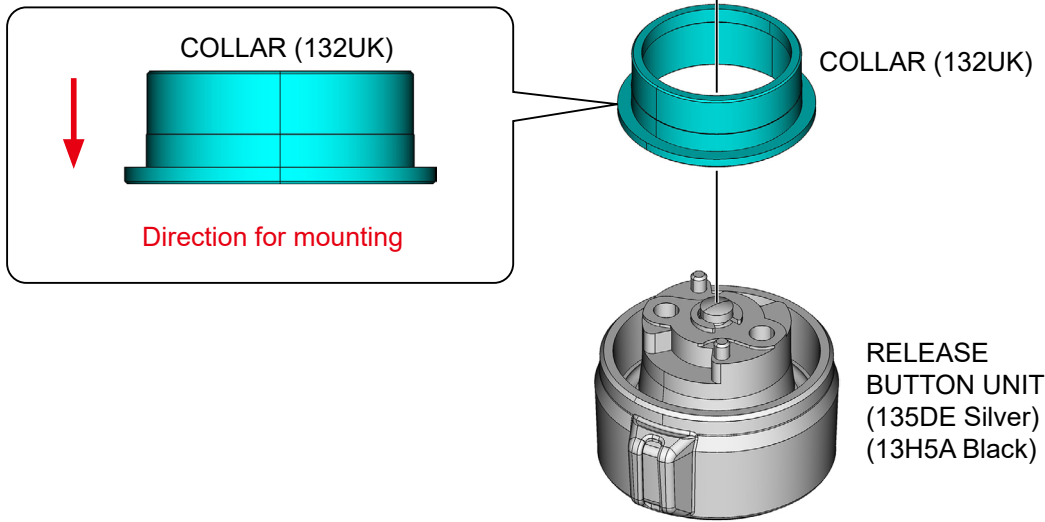


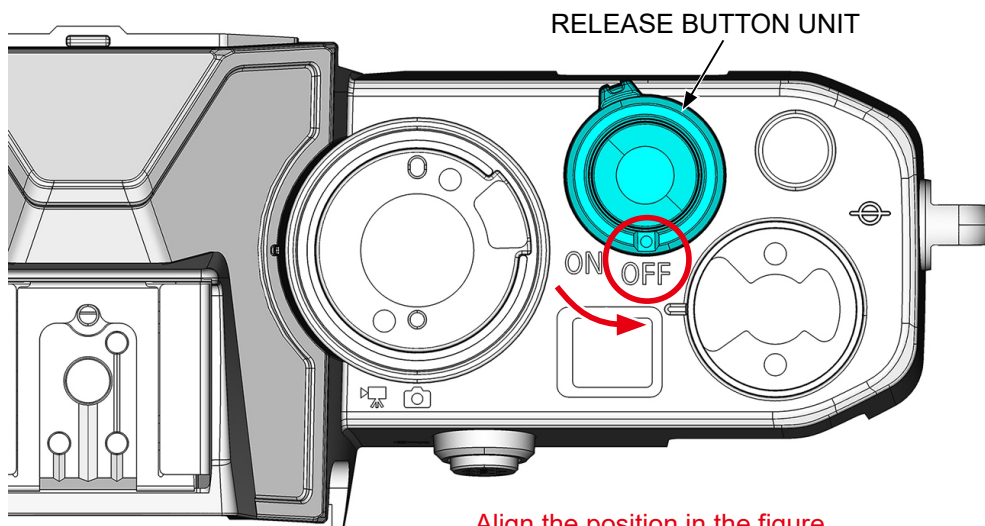
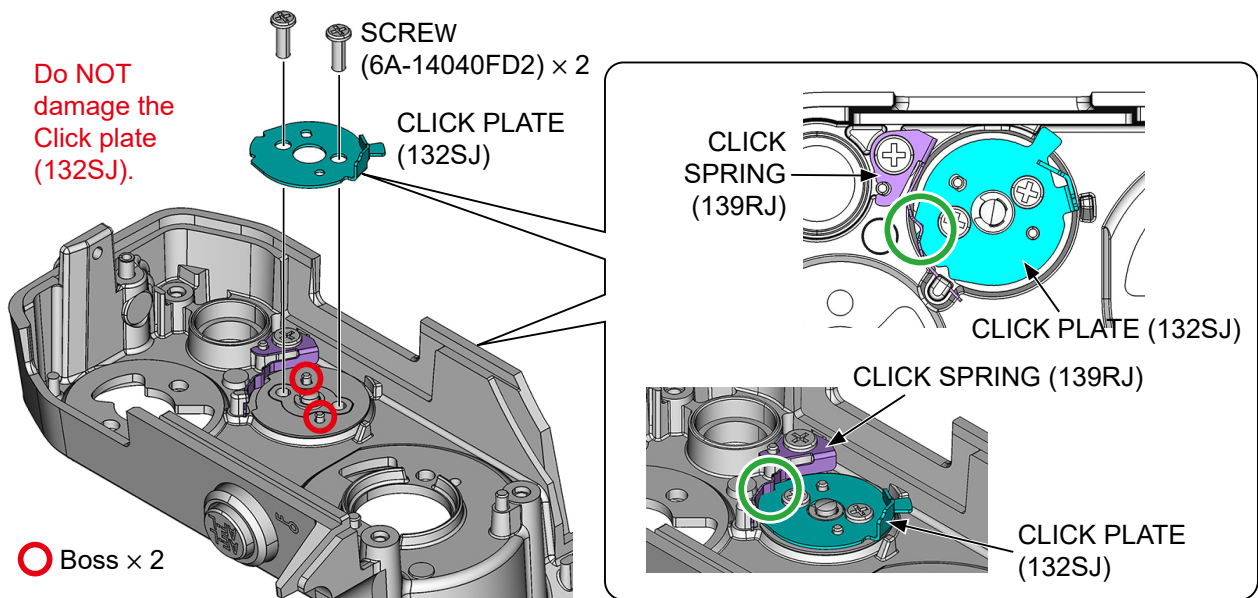
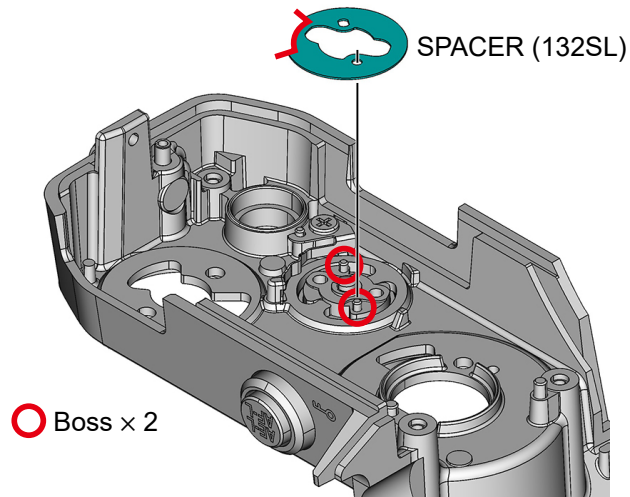
Do NOT touch red area of the Hot shoe FPC unit (134H5).





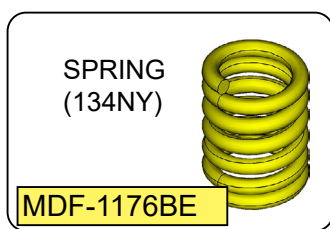
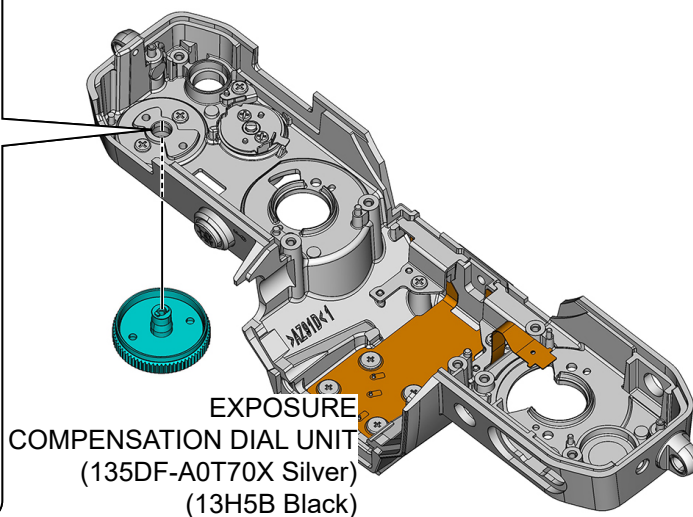
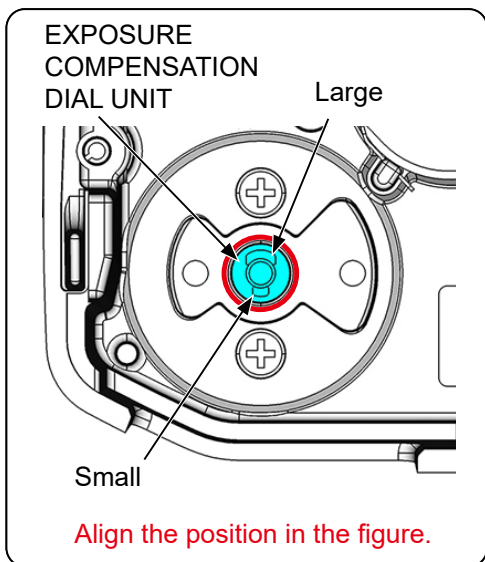
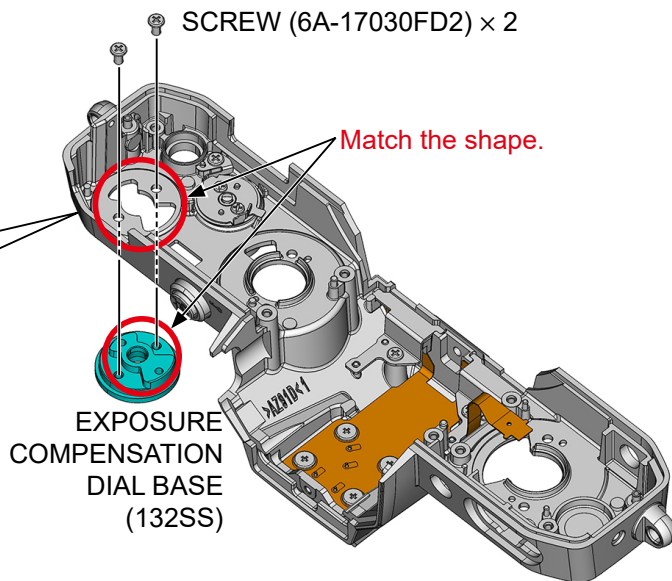
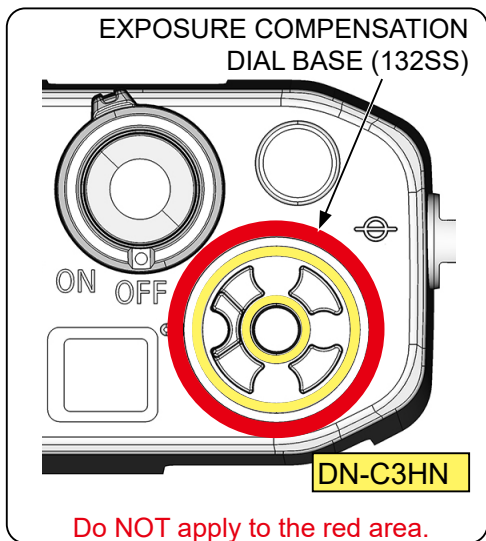
RELEASE BUTTON UNIT





Align the position in the figure.

EXPOSURE COMPENSATION DIAL

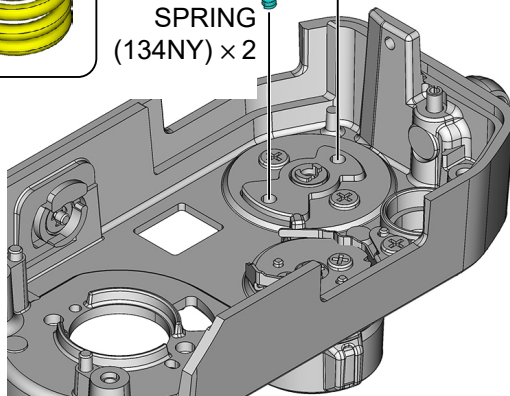


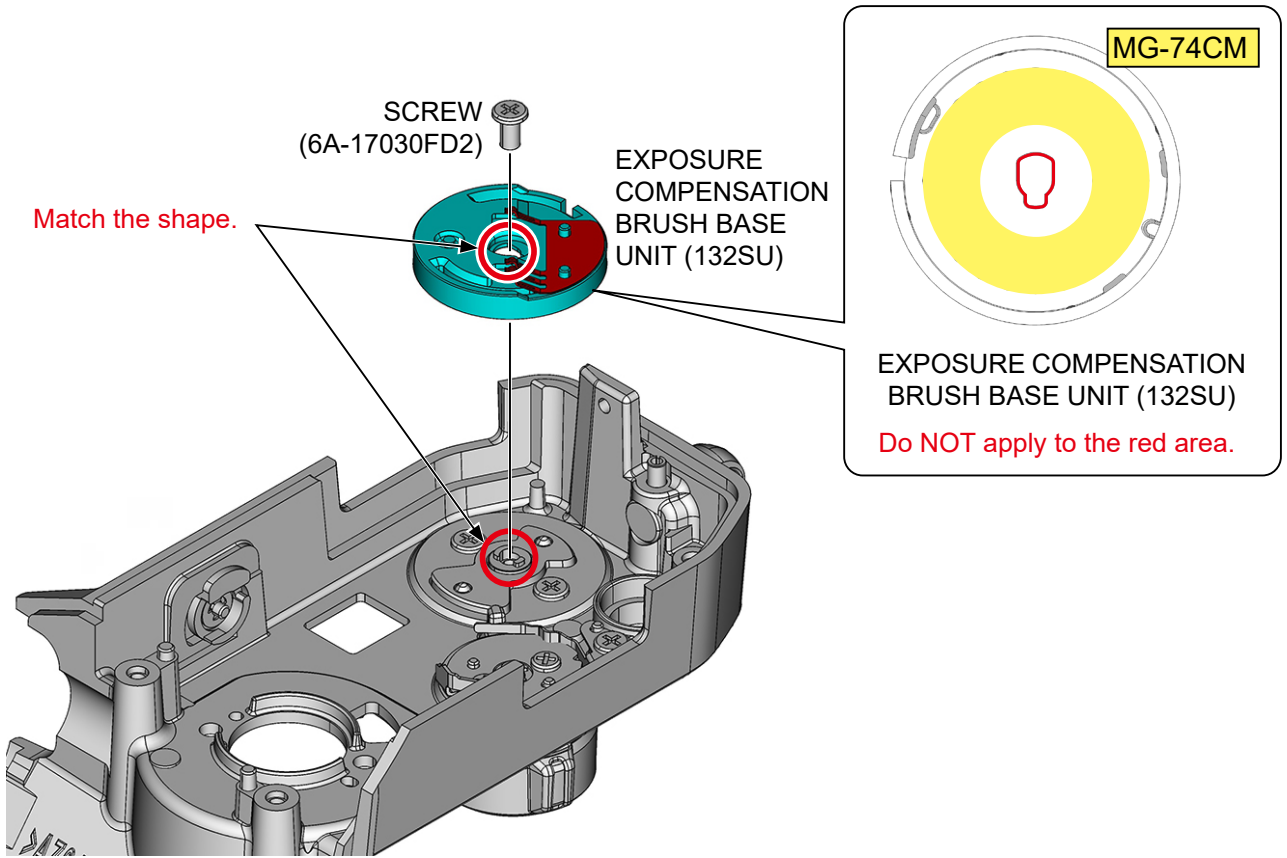
SPRING (134NY) x 2

CLICK BALL (134NW) x 2

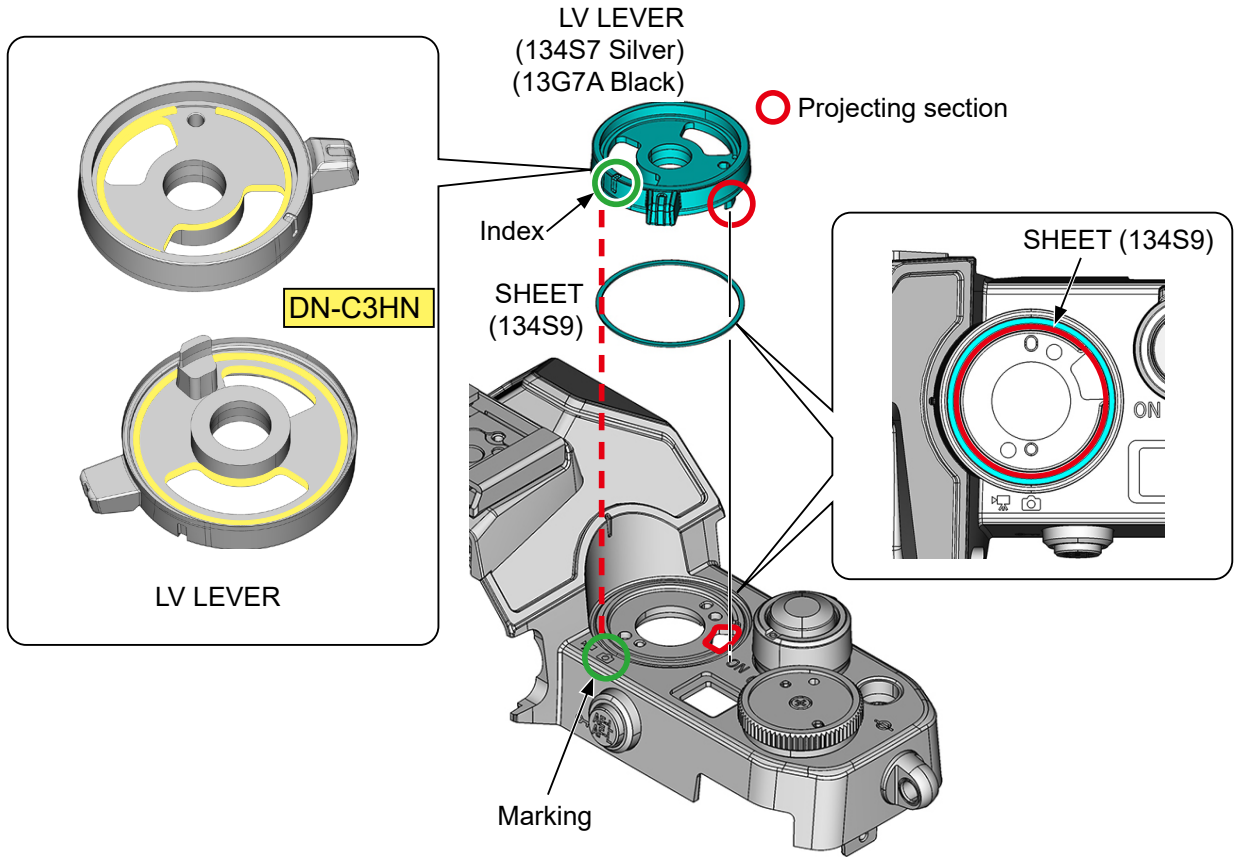
CLICK BALL (134NW)

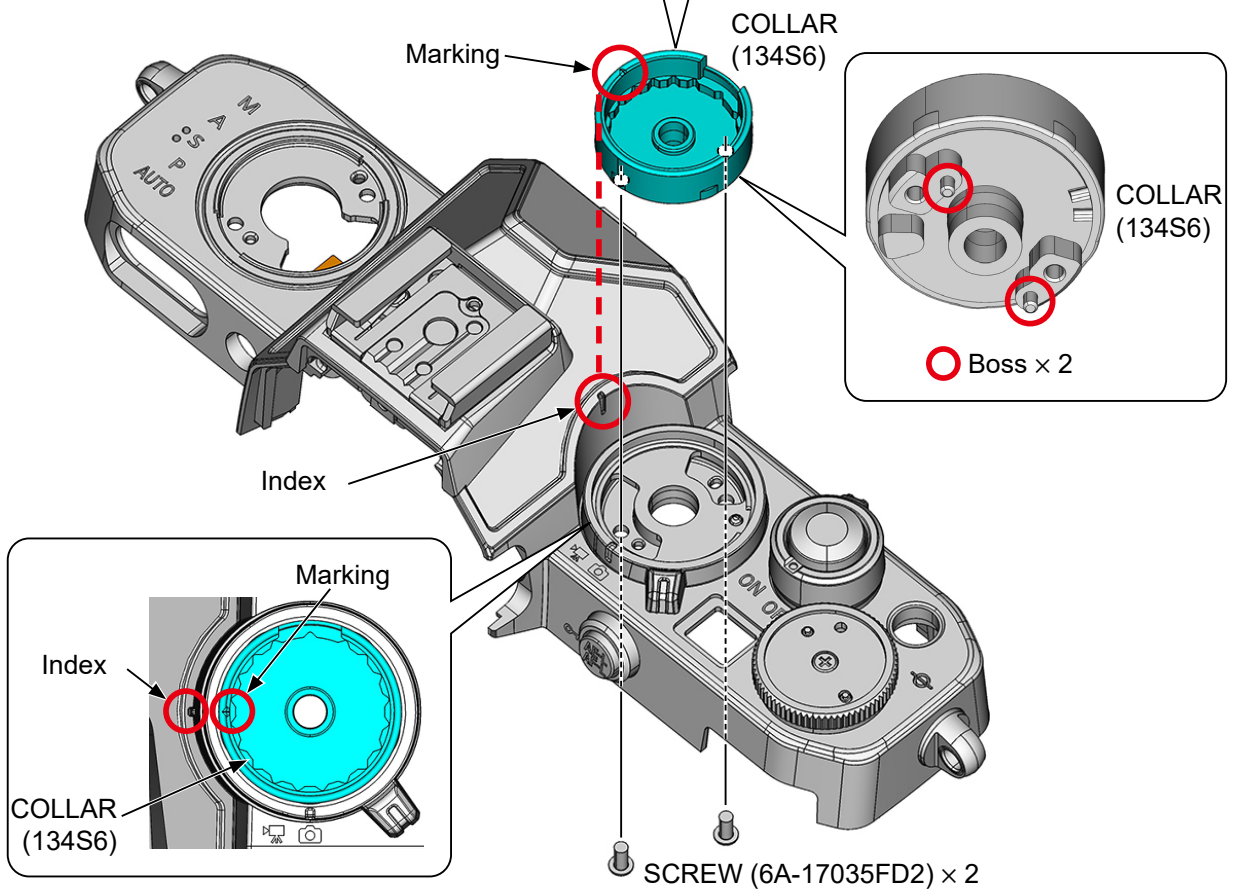
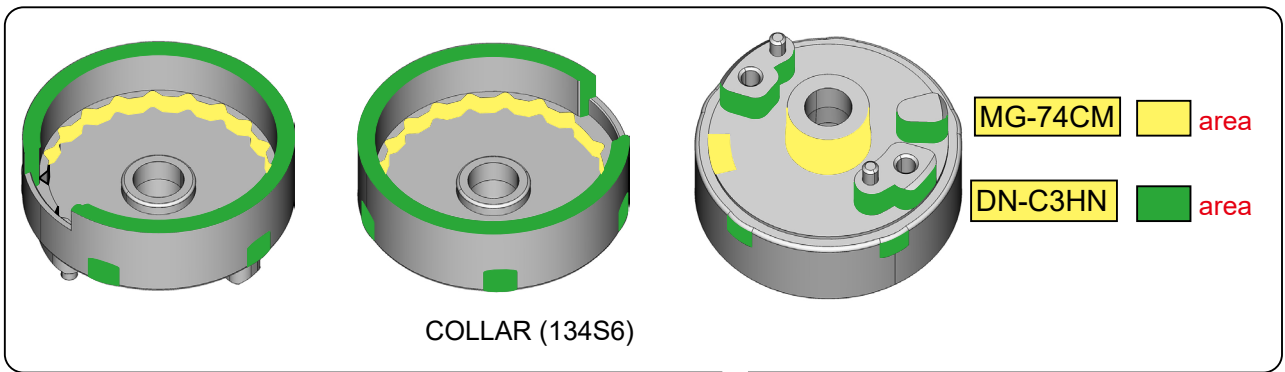
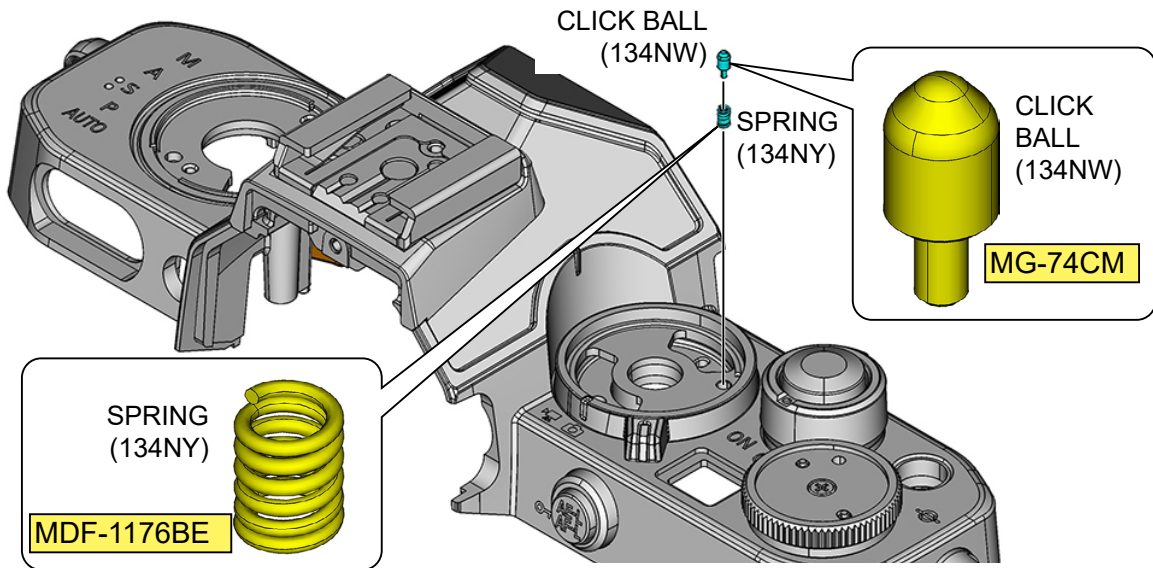
MG-74CM

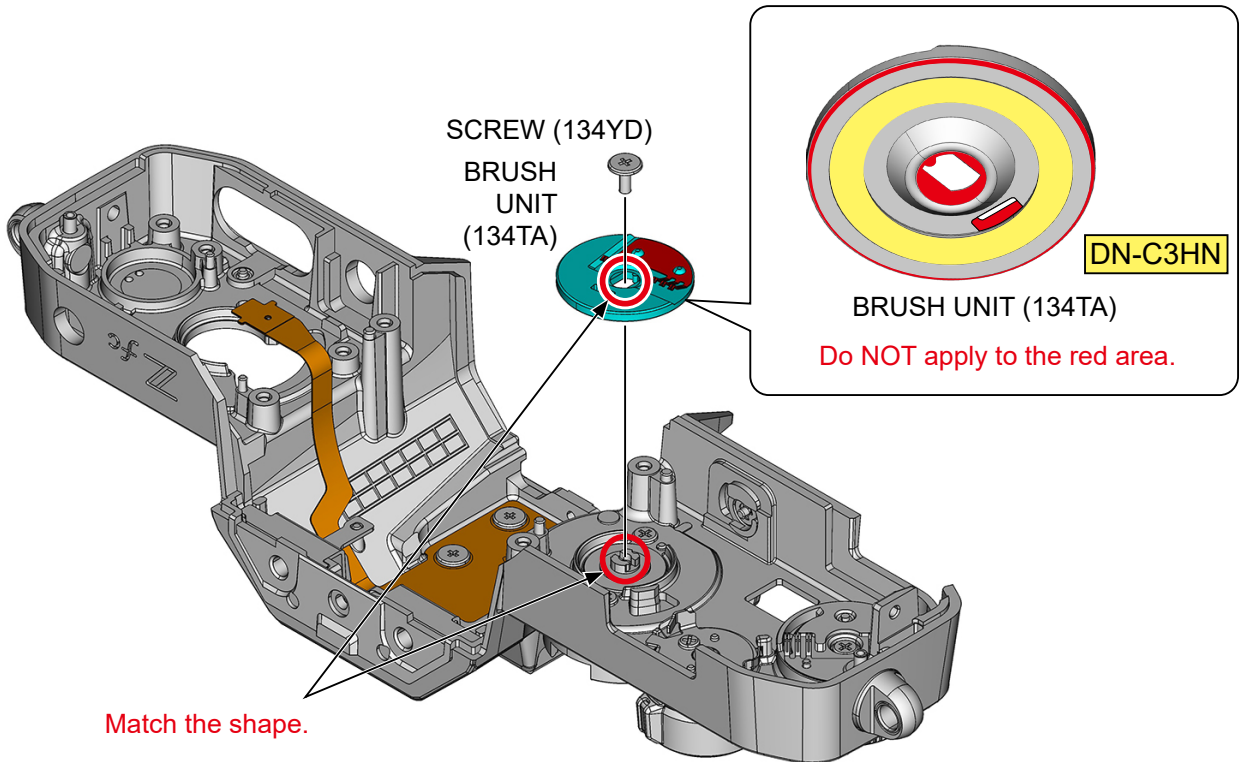
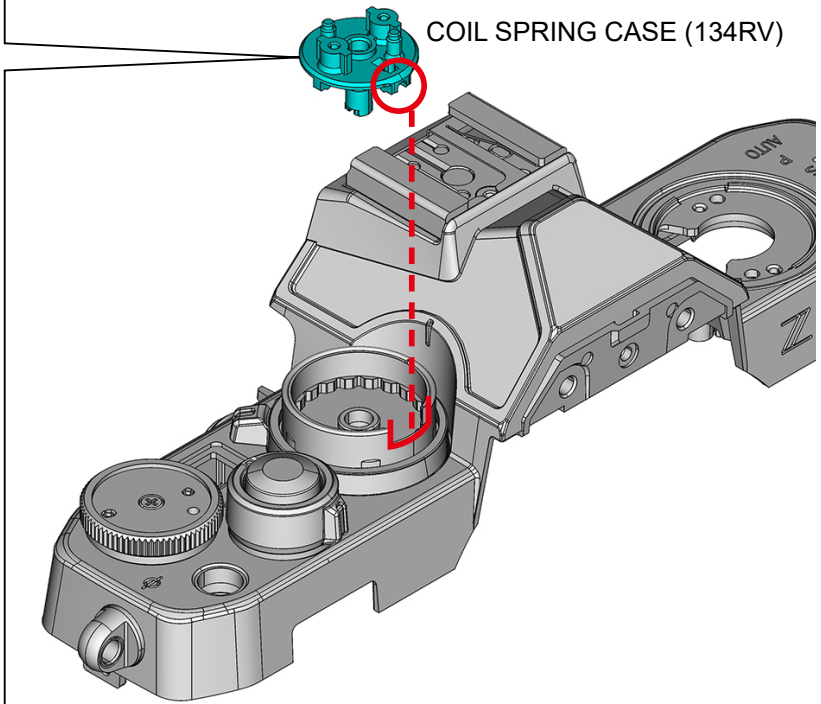
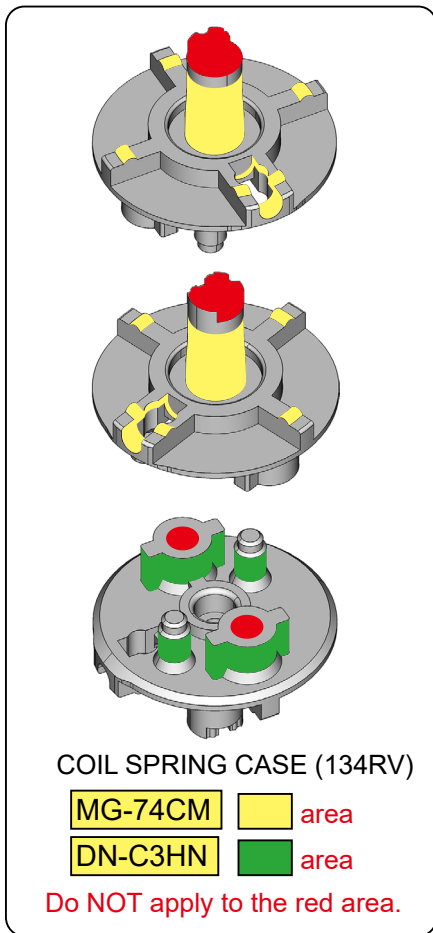


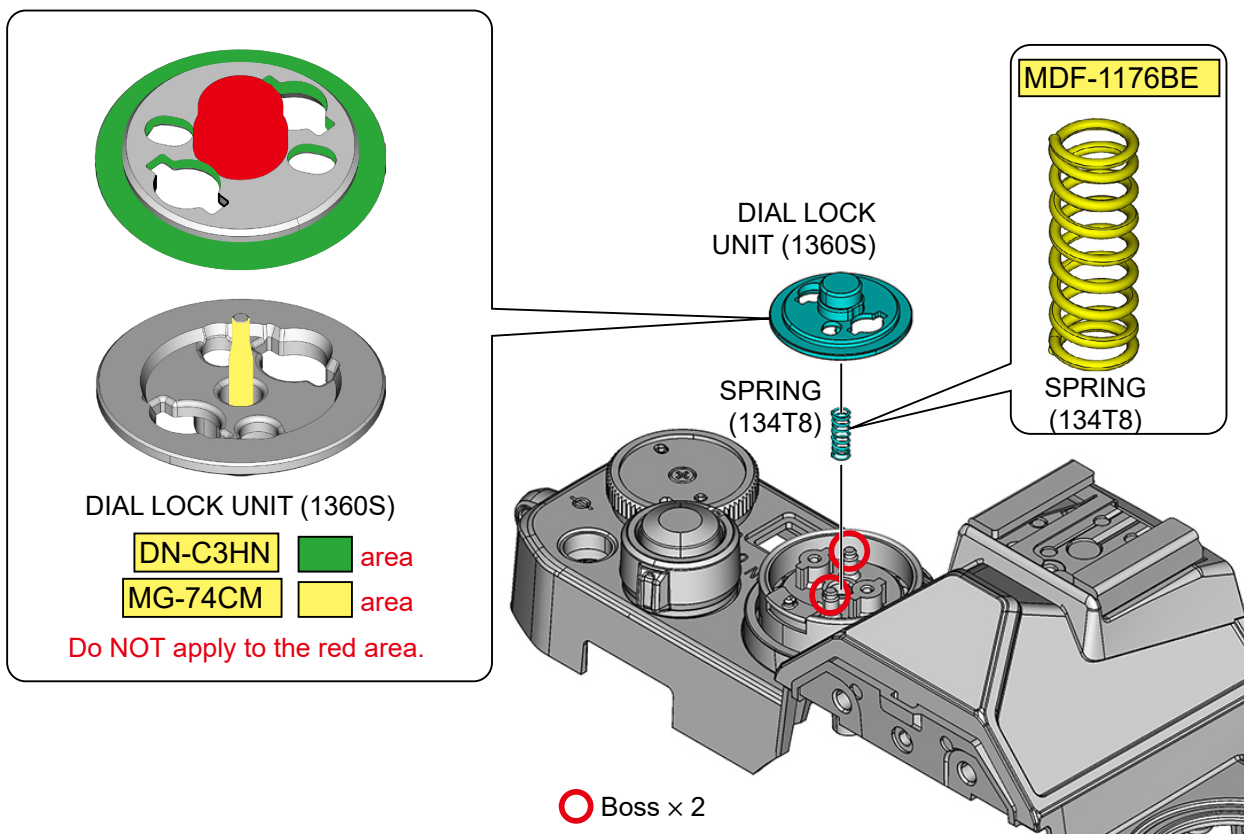
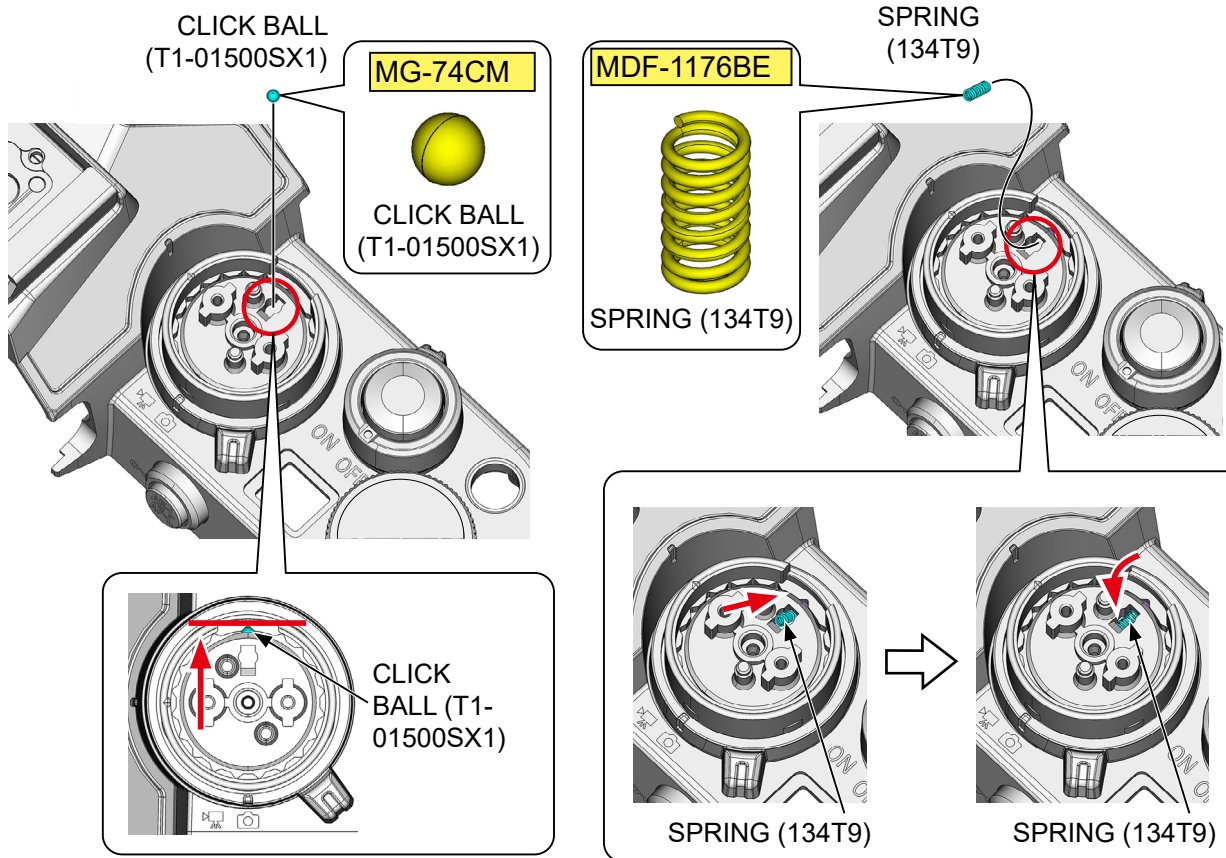


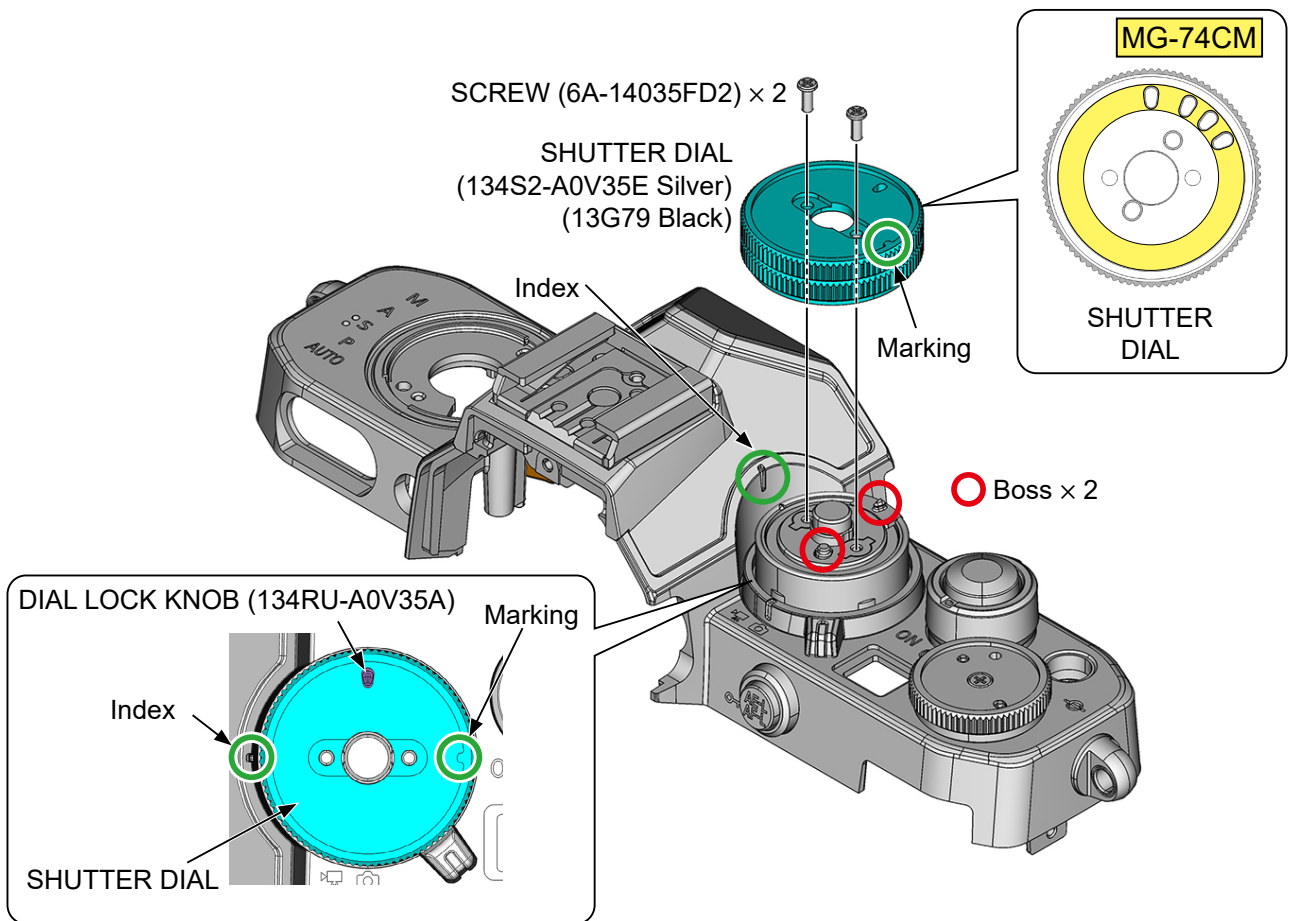
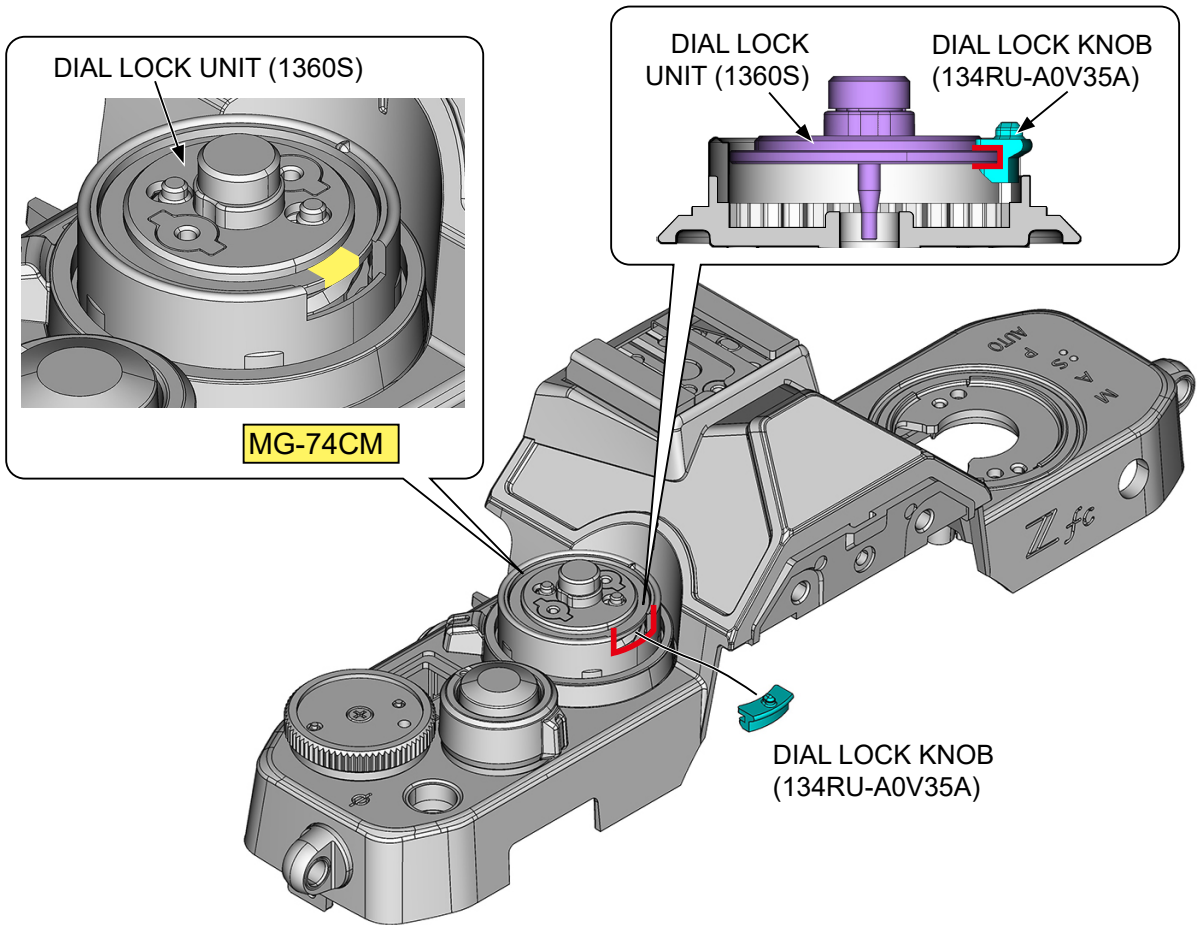
SHUTTER DIAL

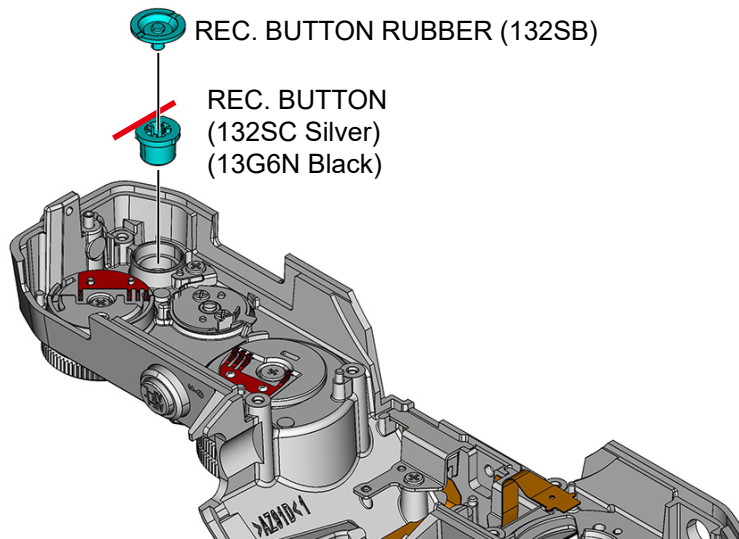
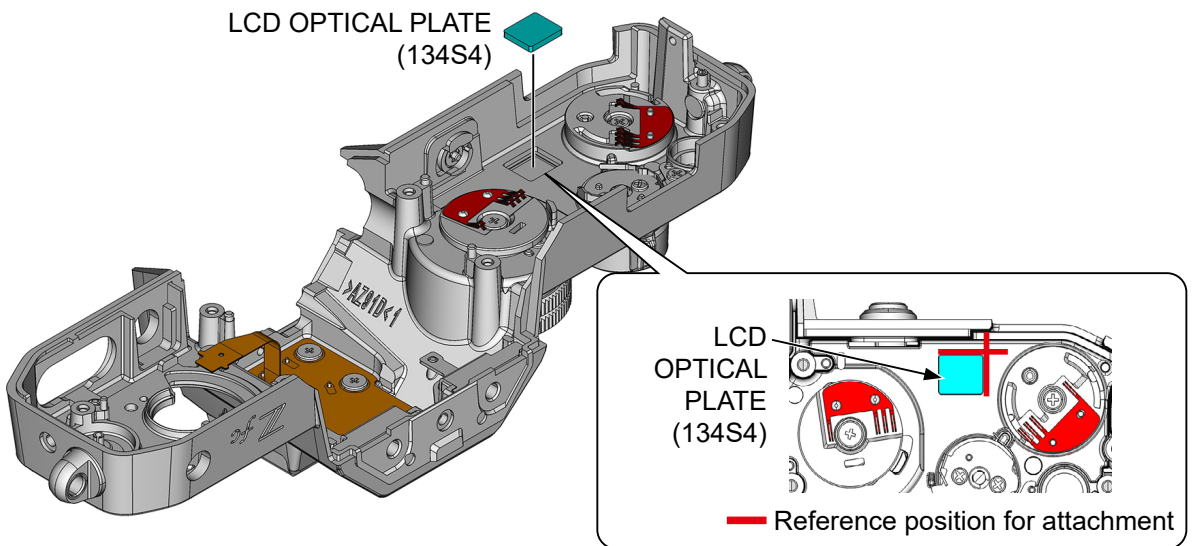
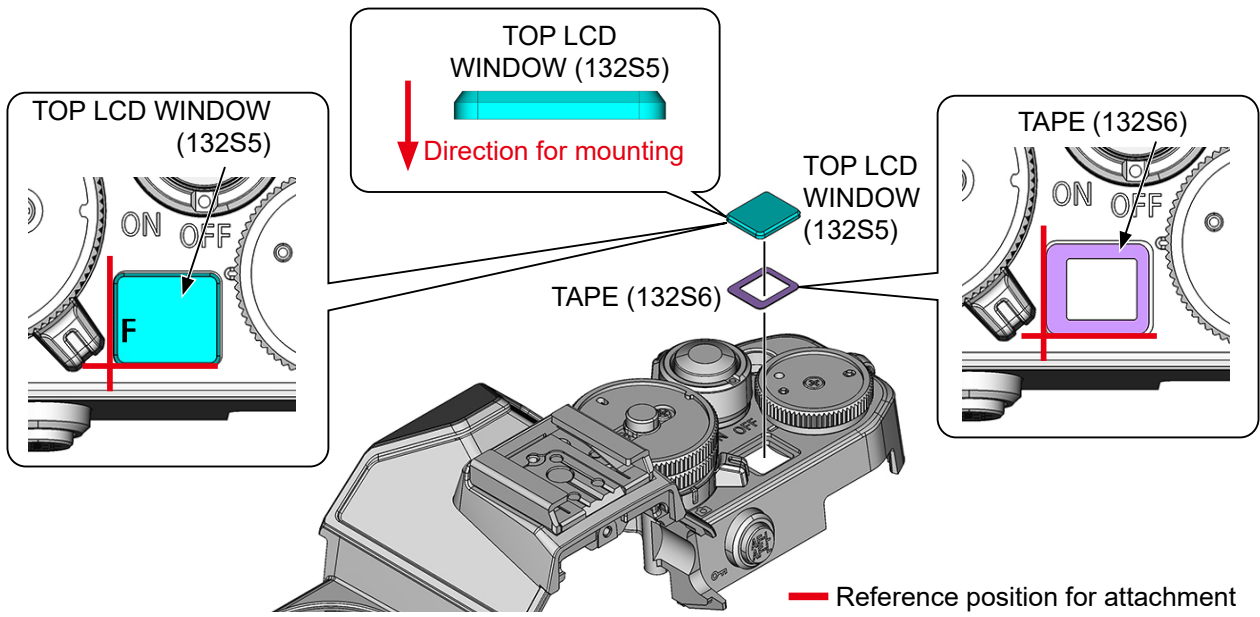




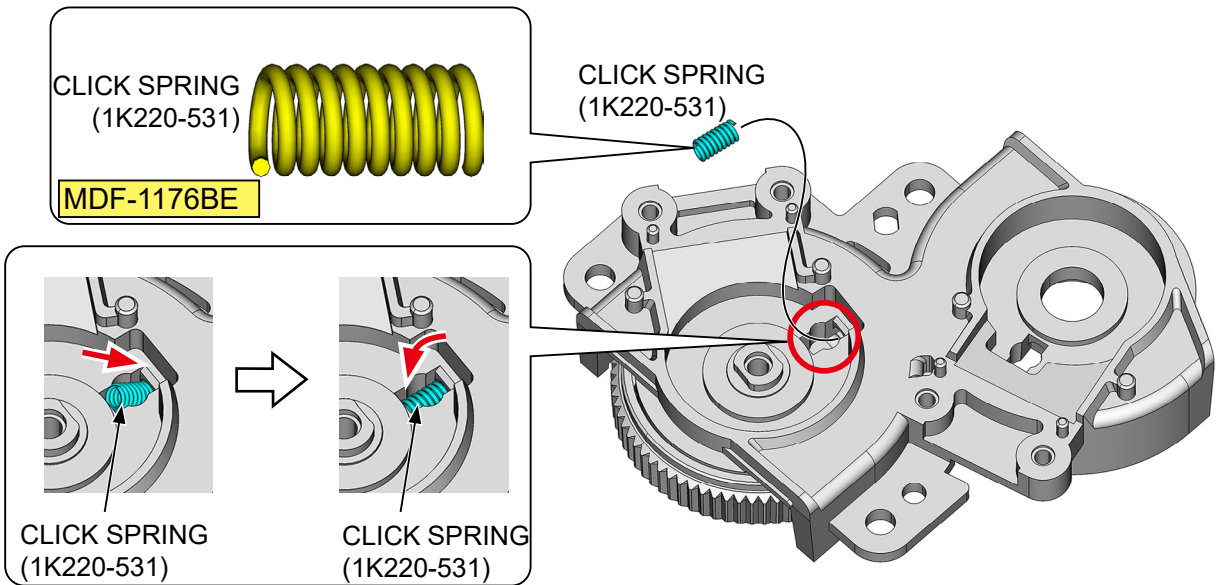
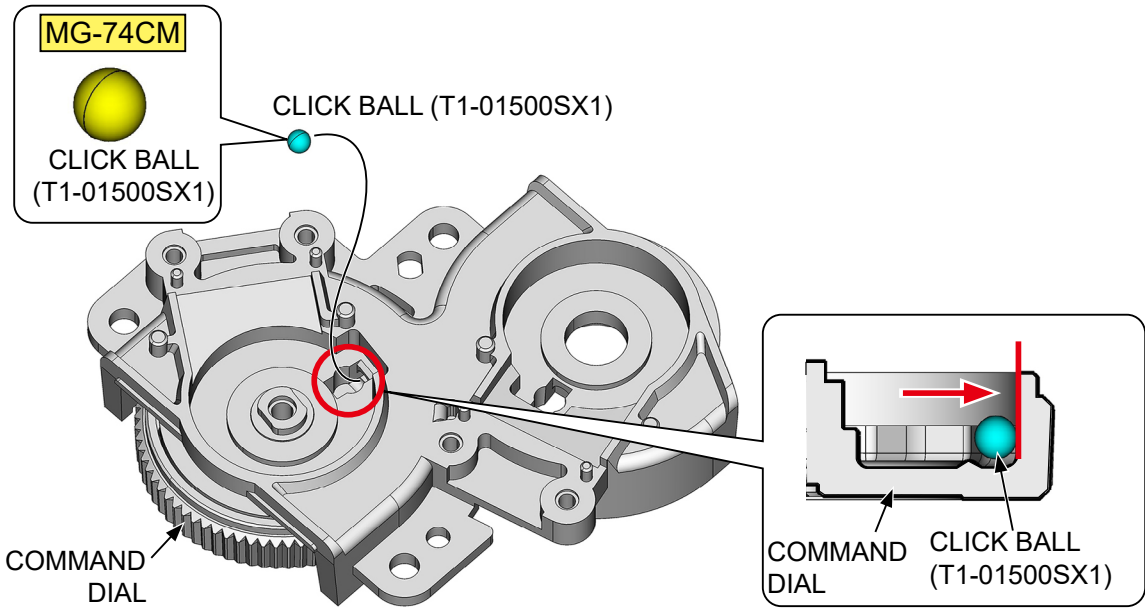
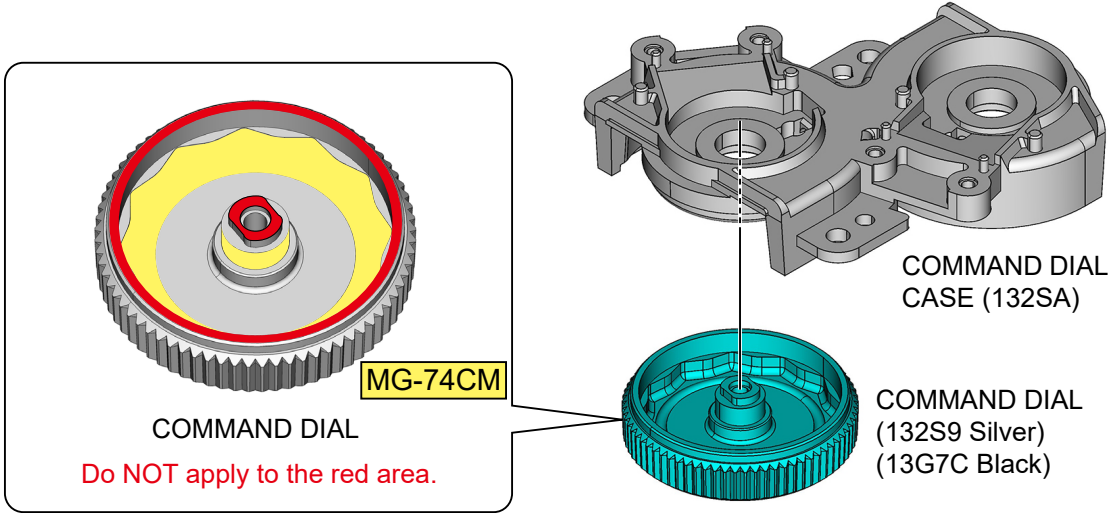


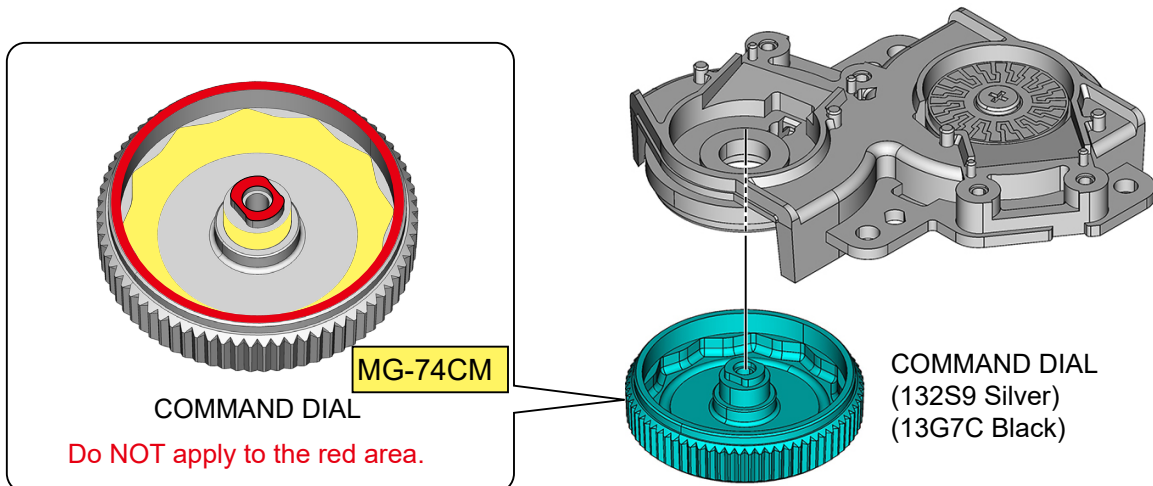
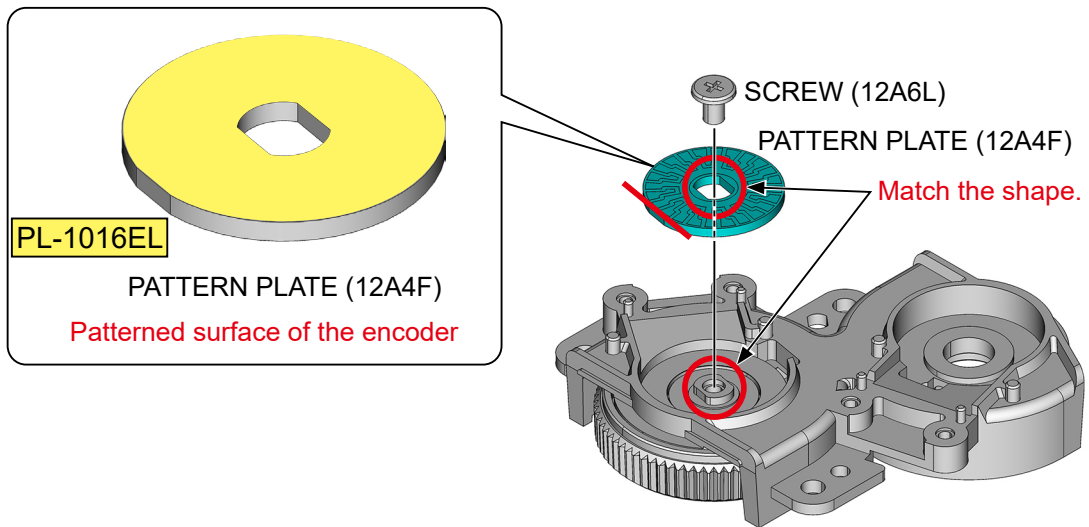
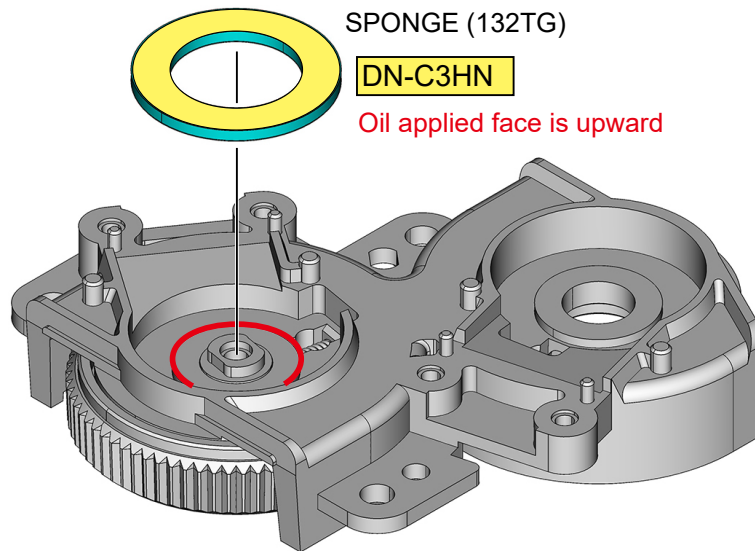


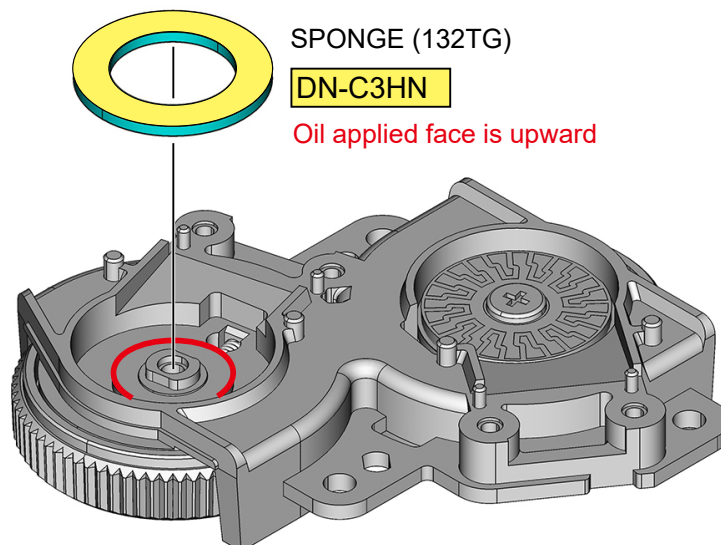
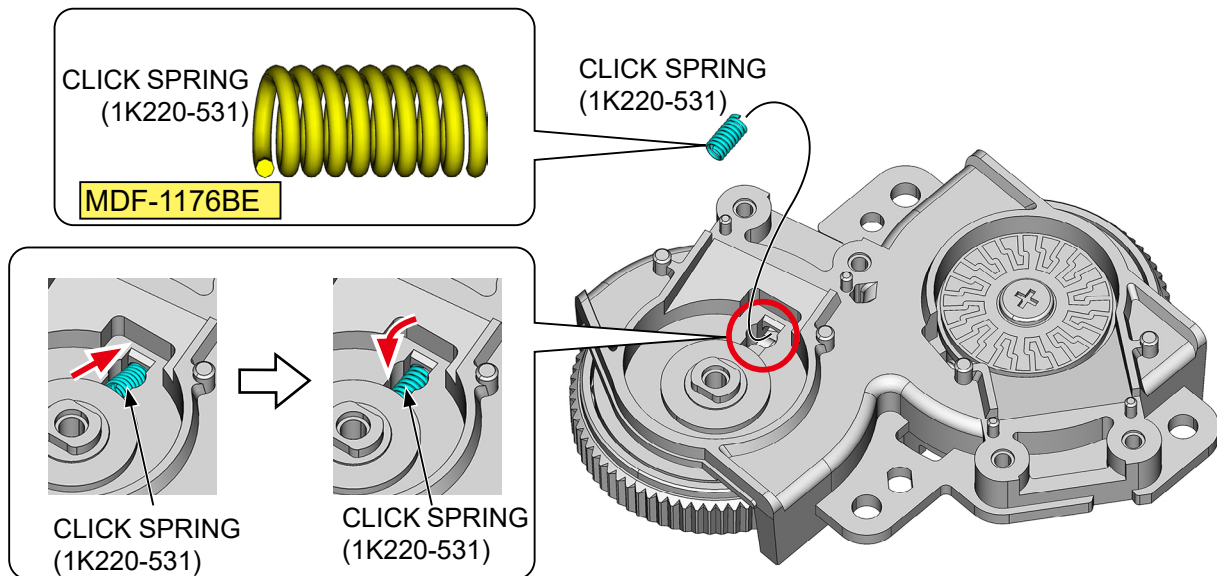
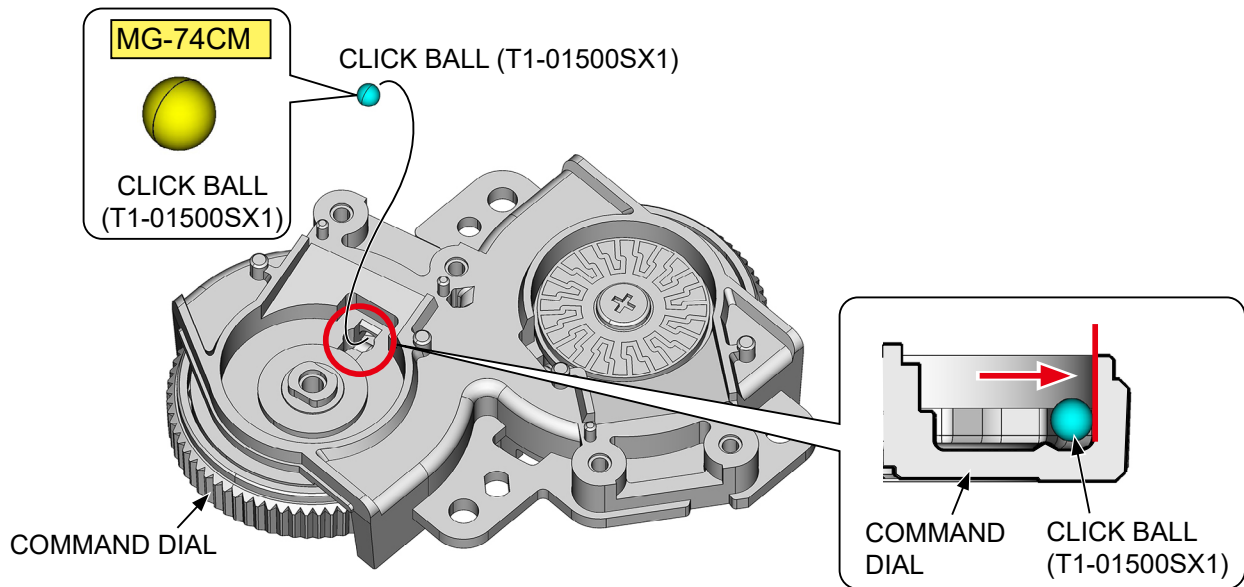


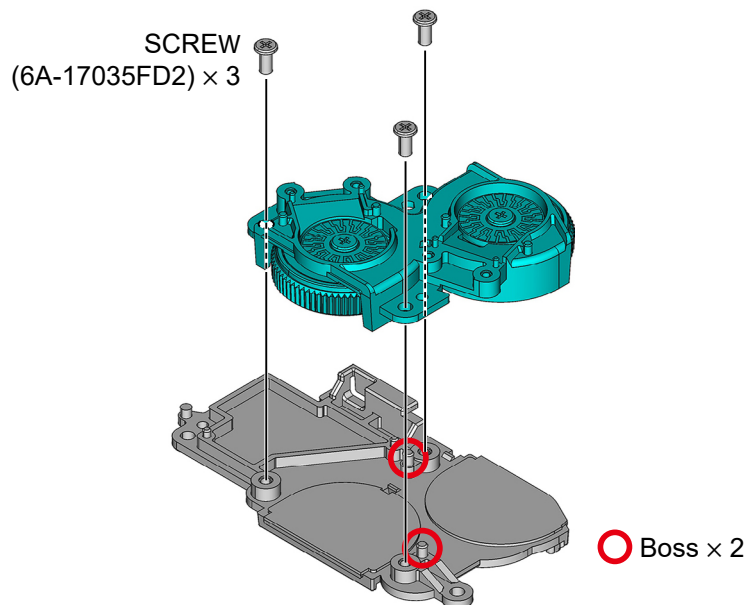
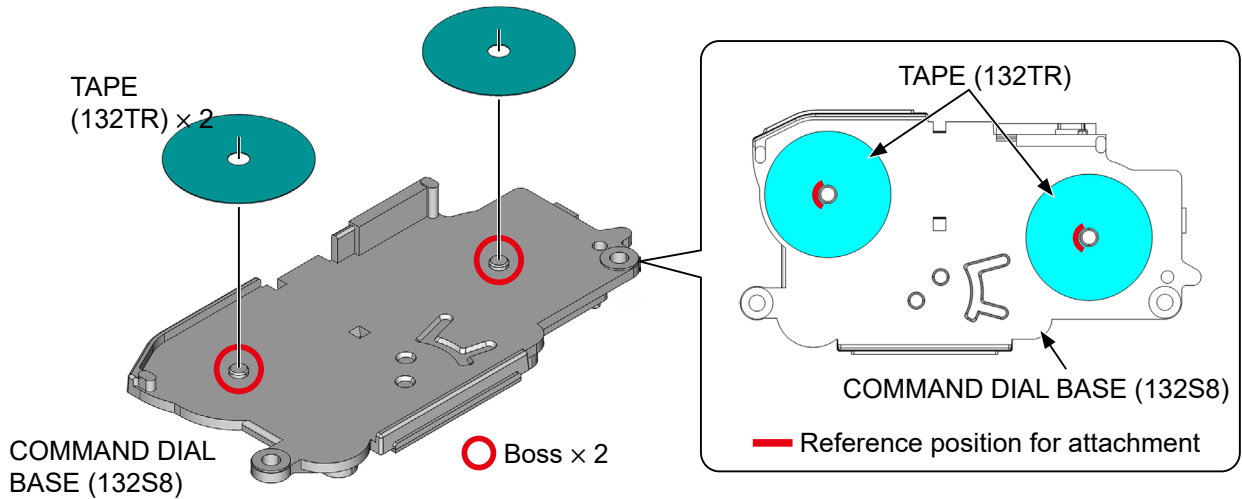
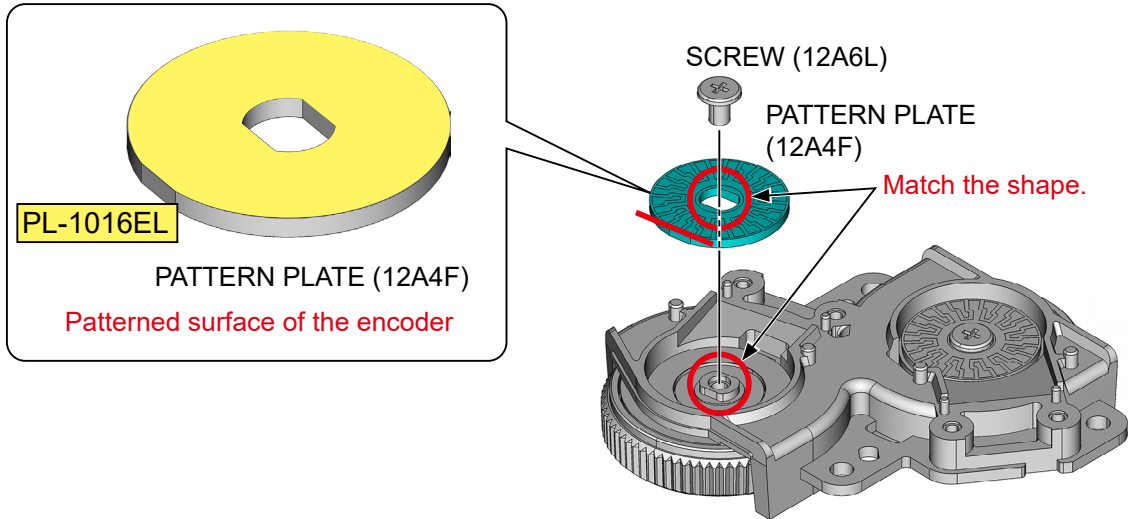


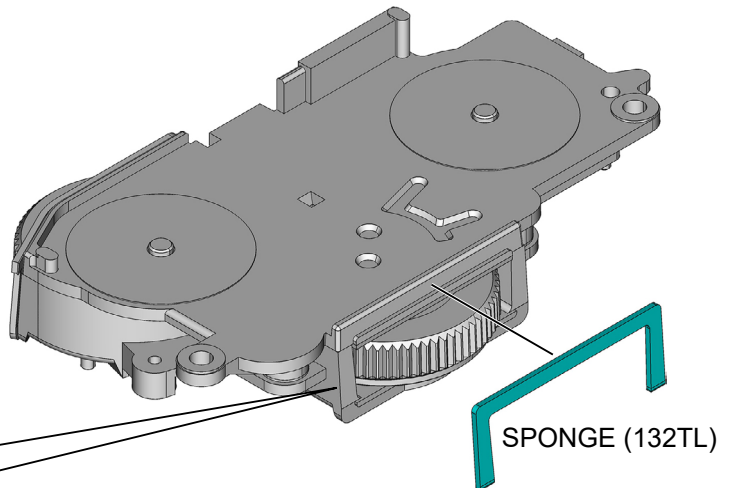
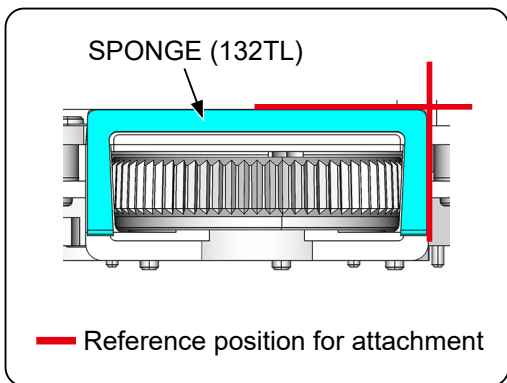
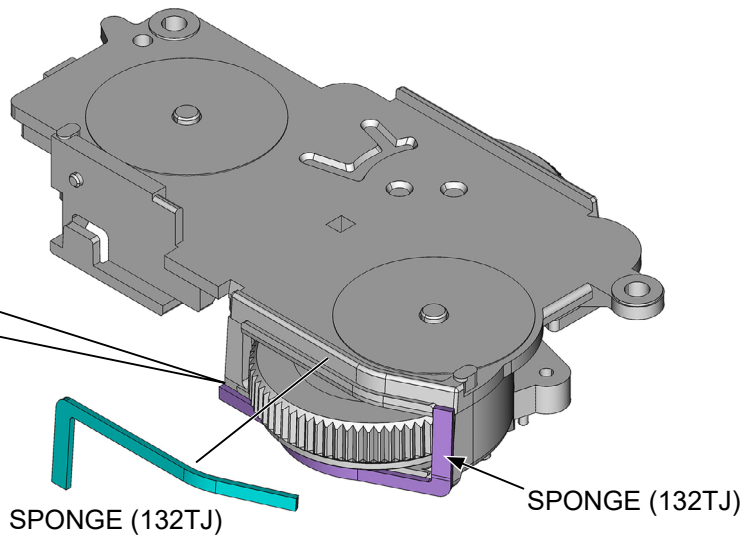
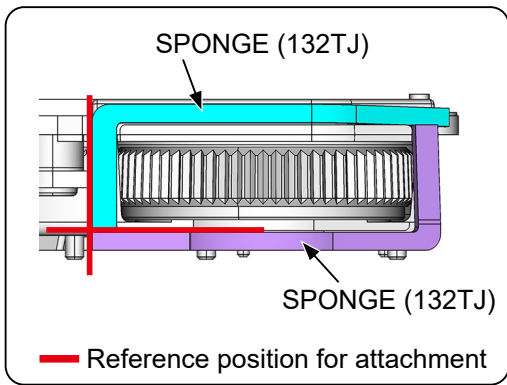
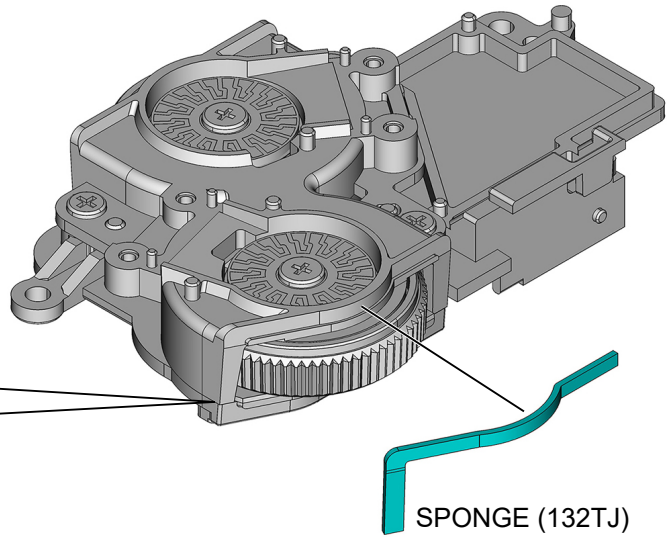
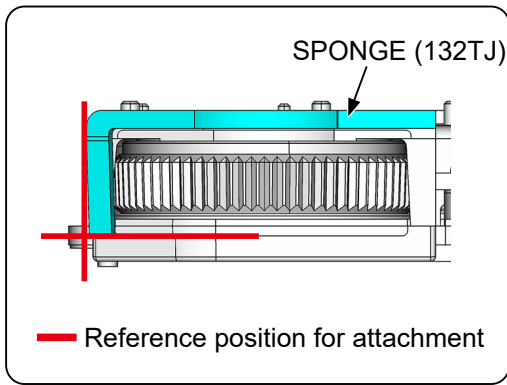
COMMAND DIAL UNIT

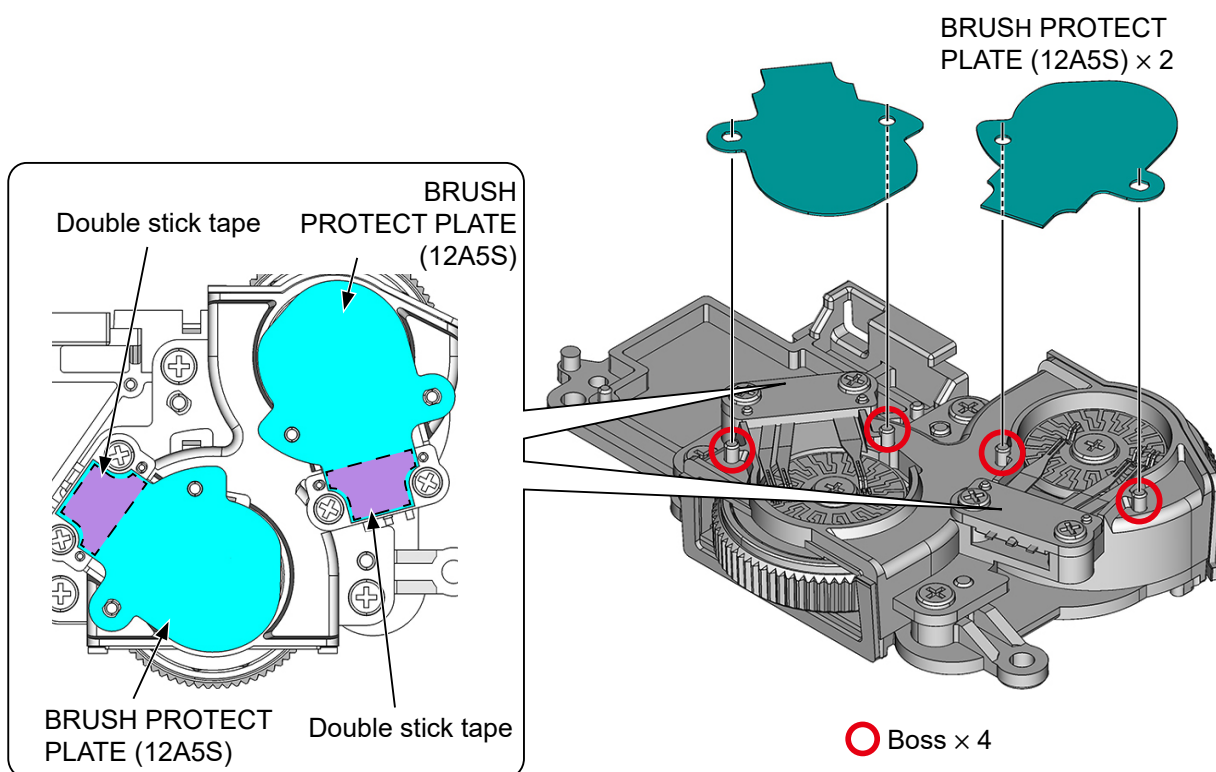
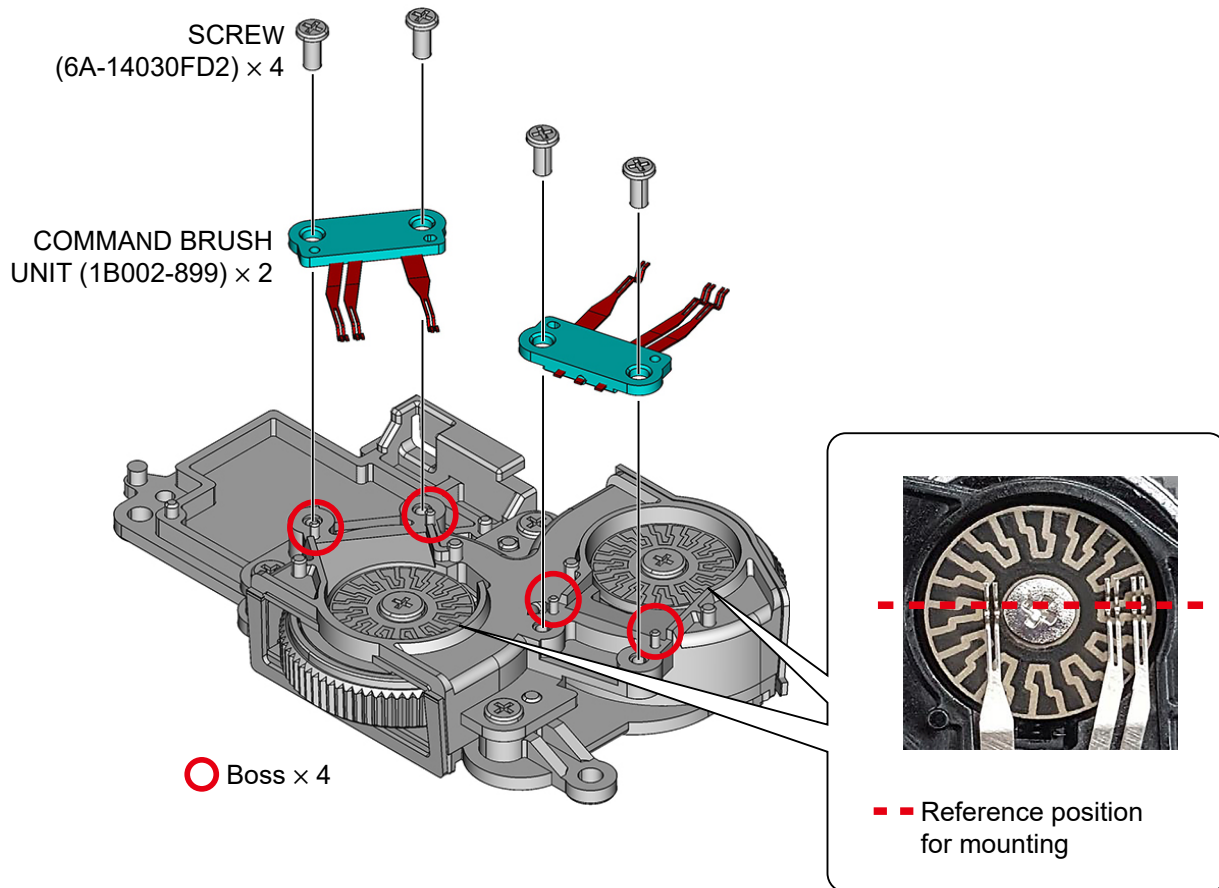




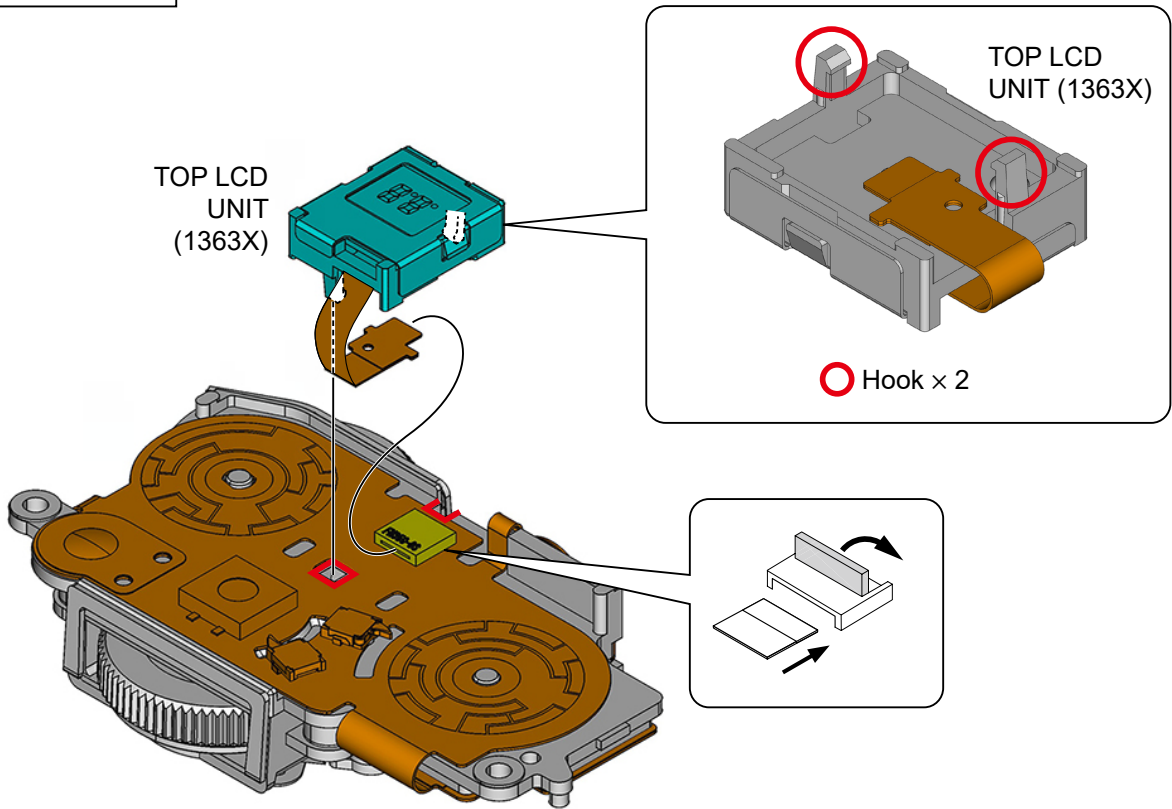




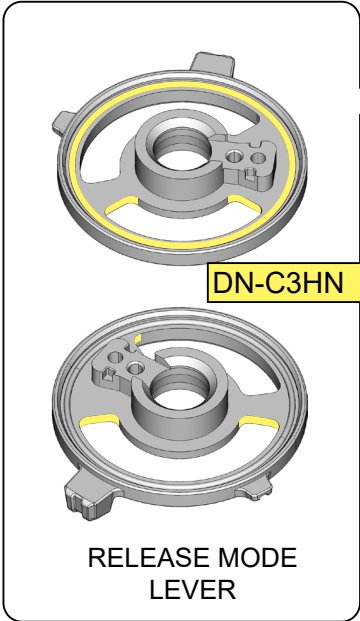




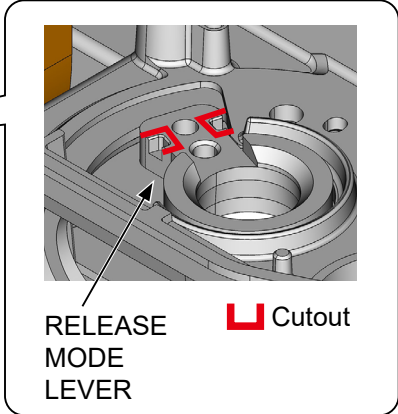
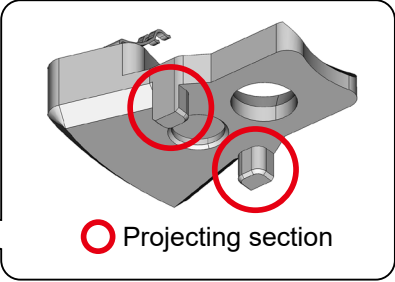
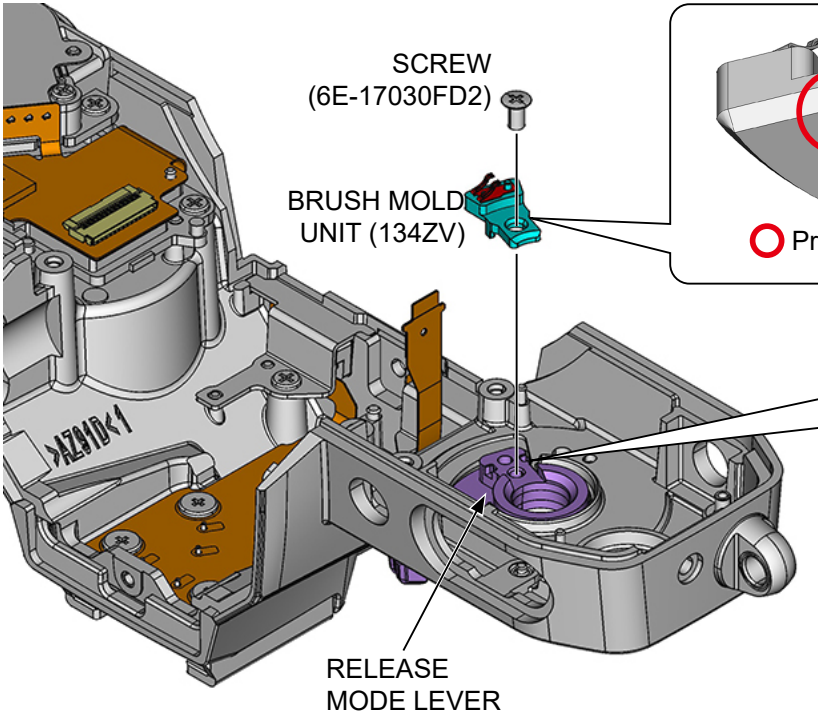
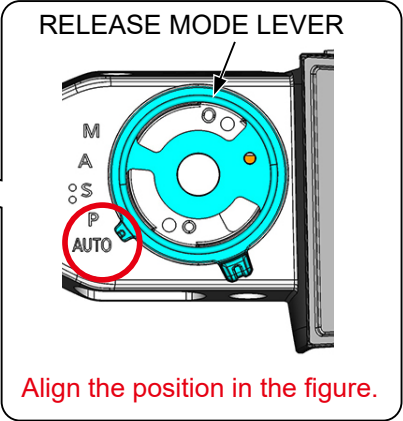
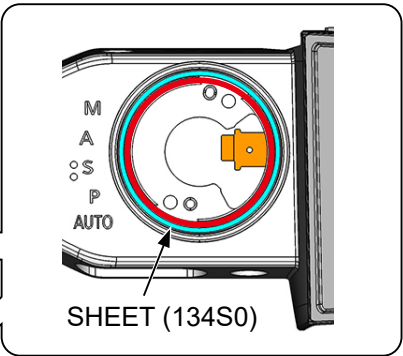
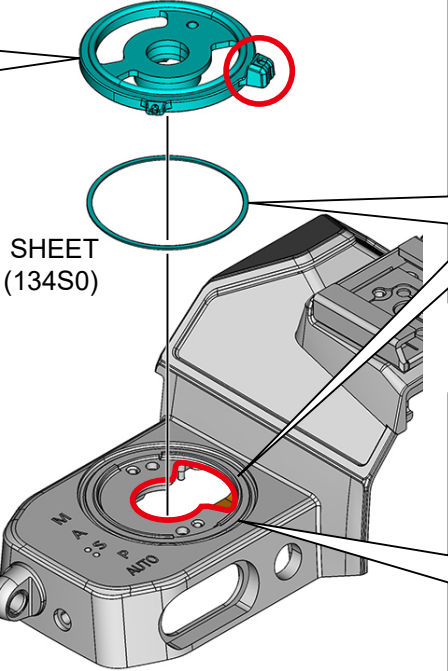
TOP LCD UNIT

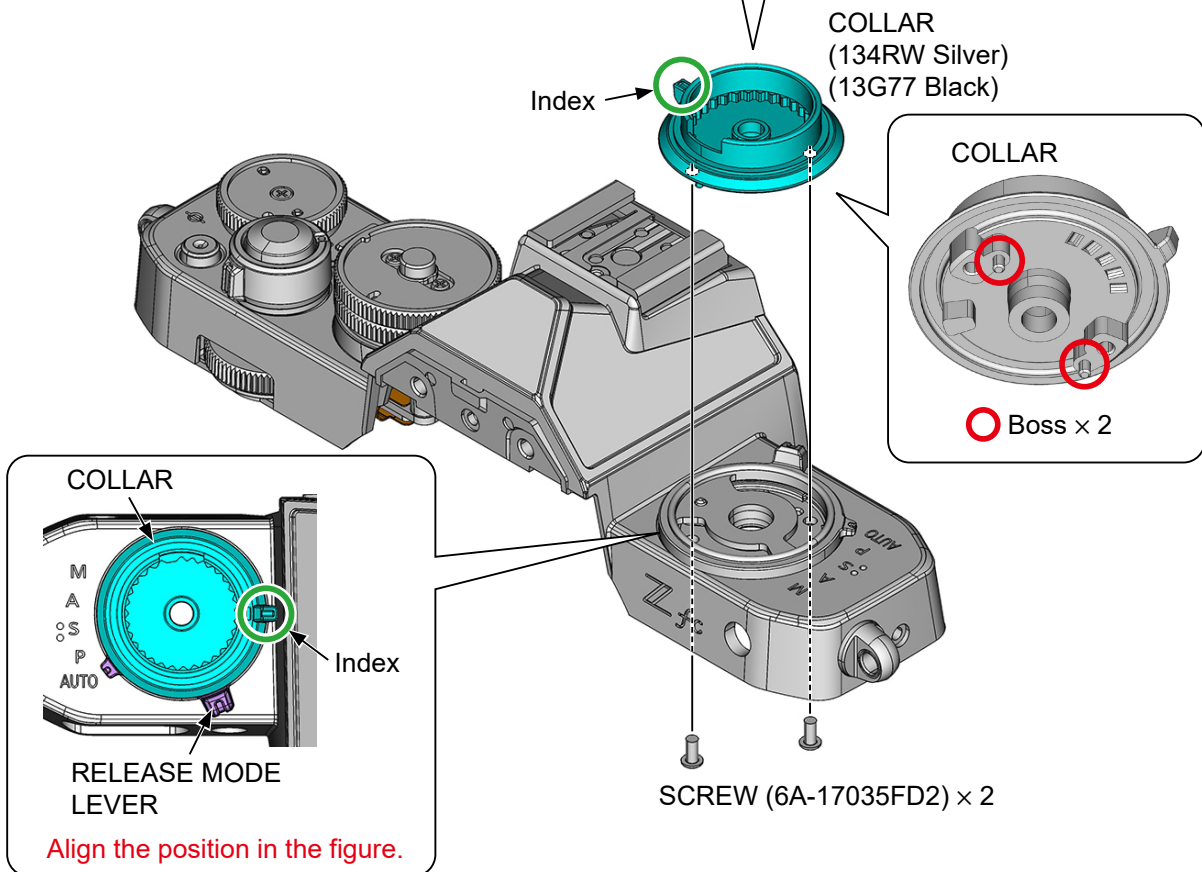
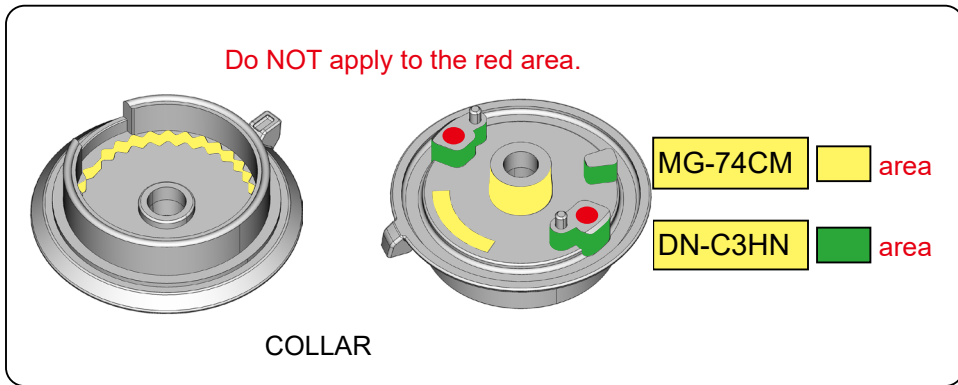
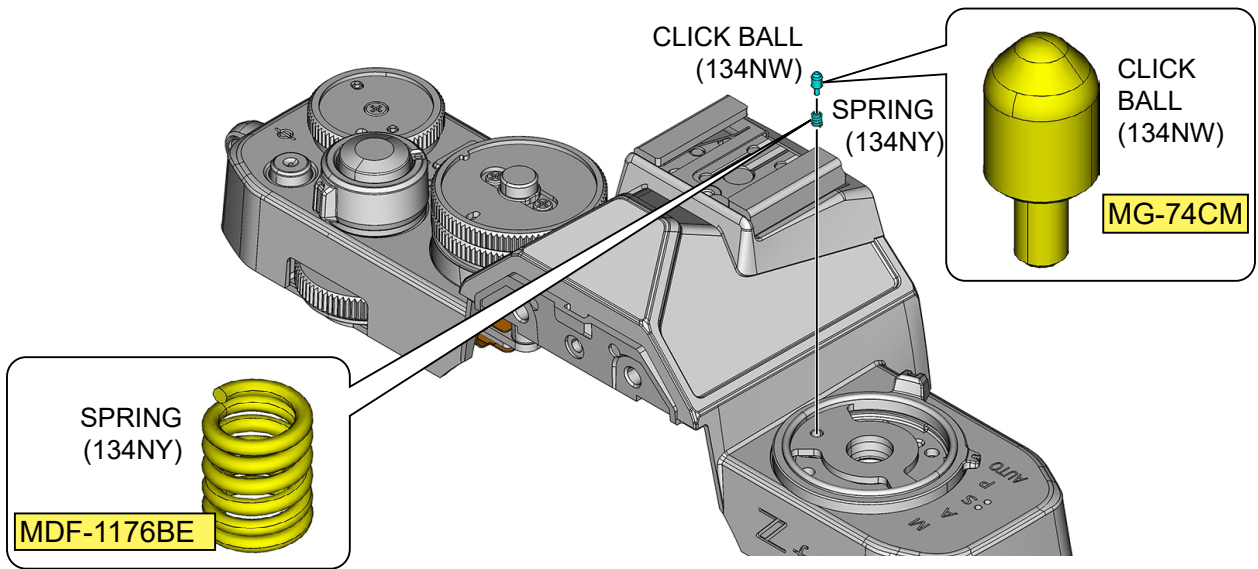


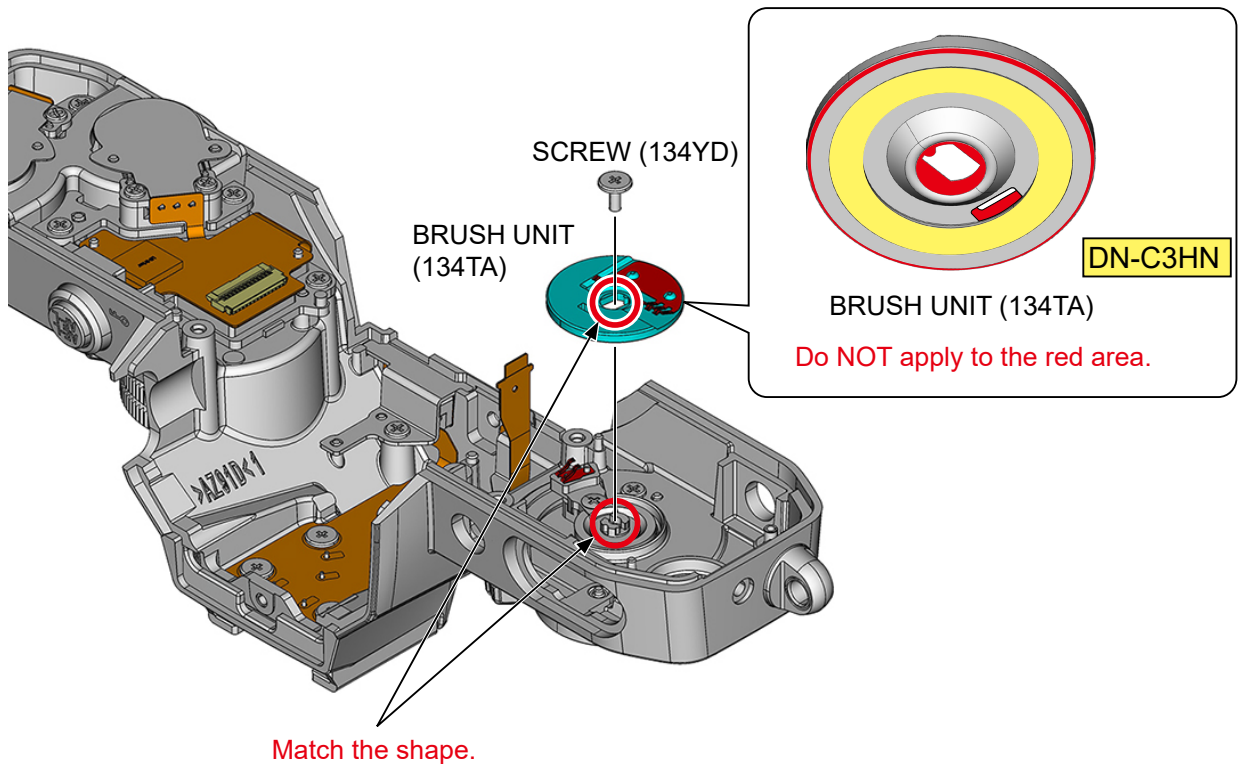
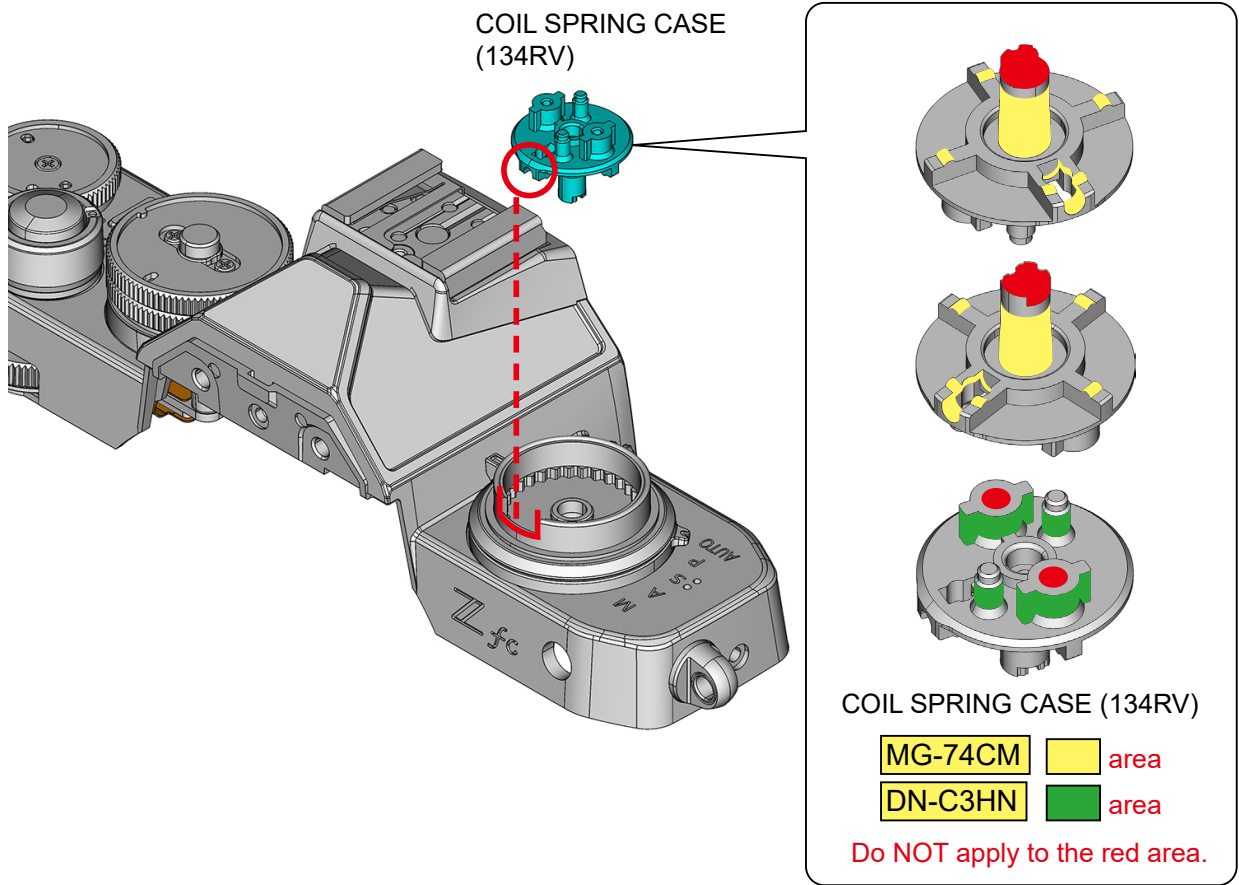
ISO DIAL

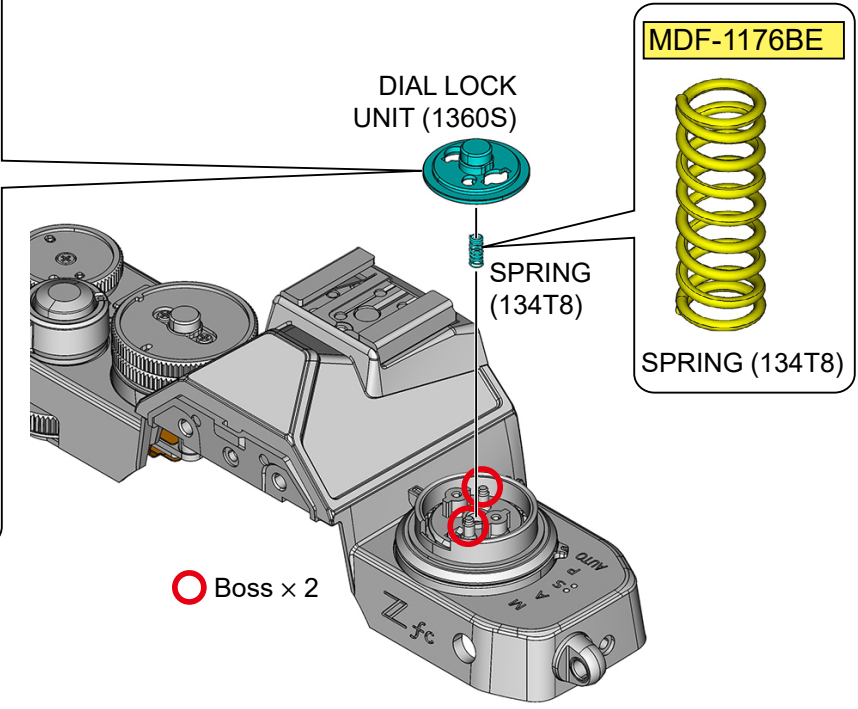
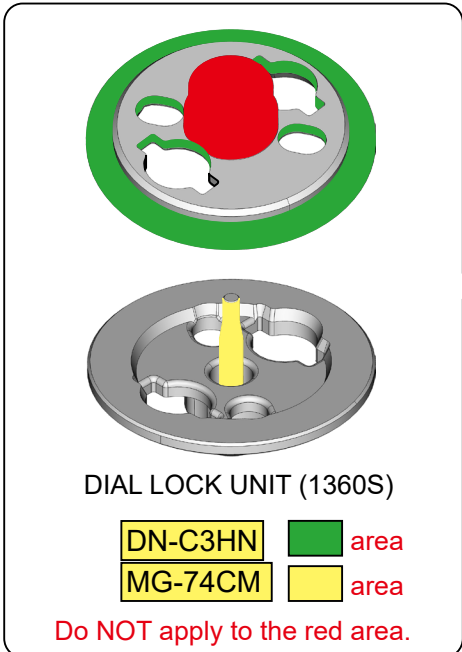
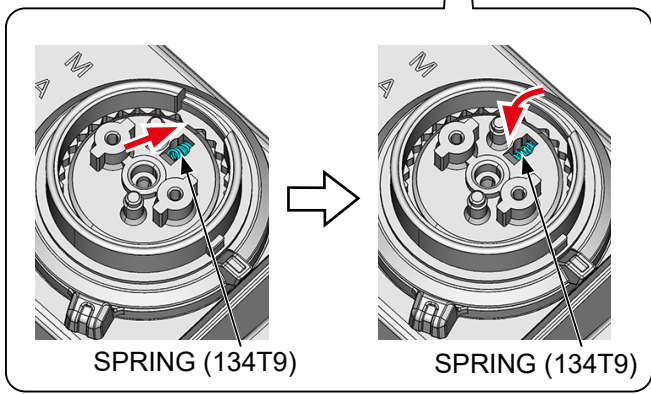
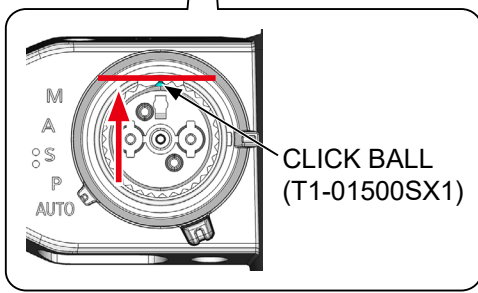
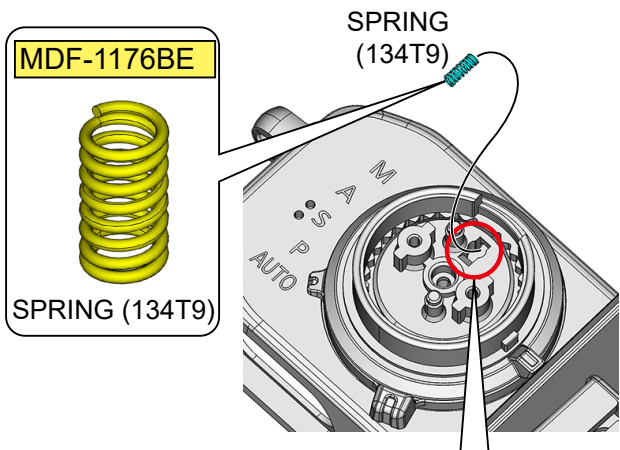
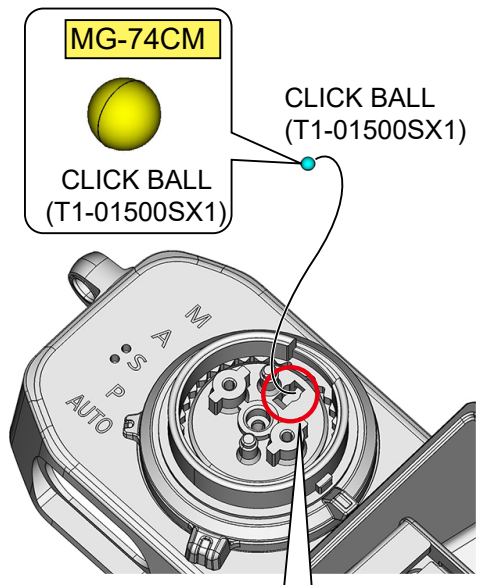


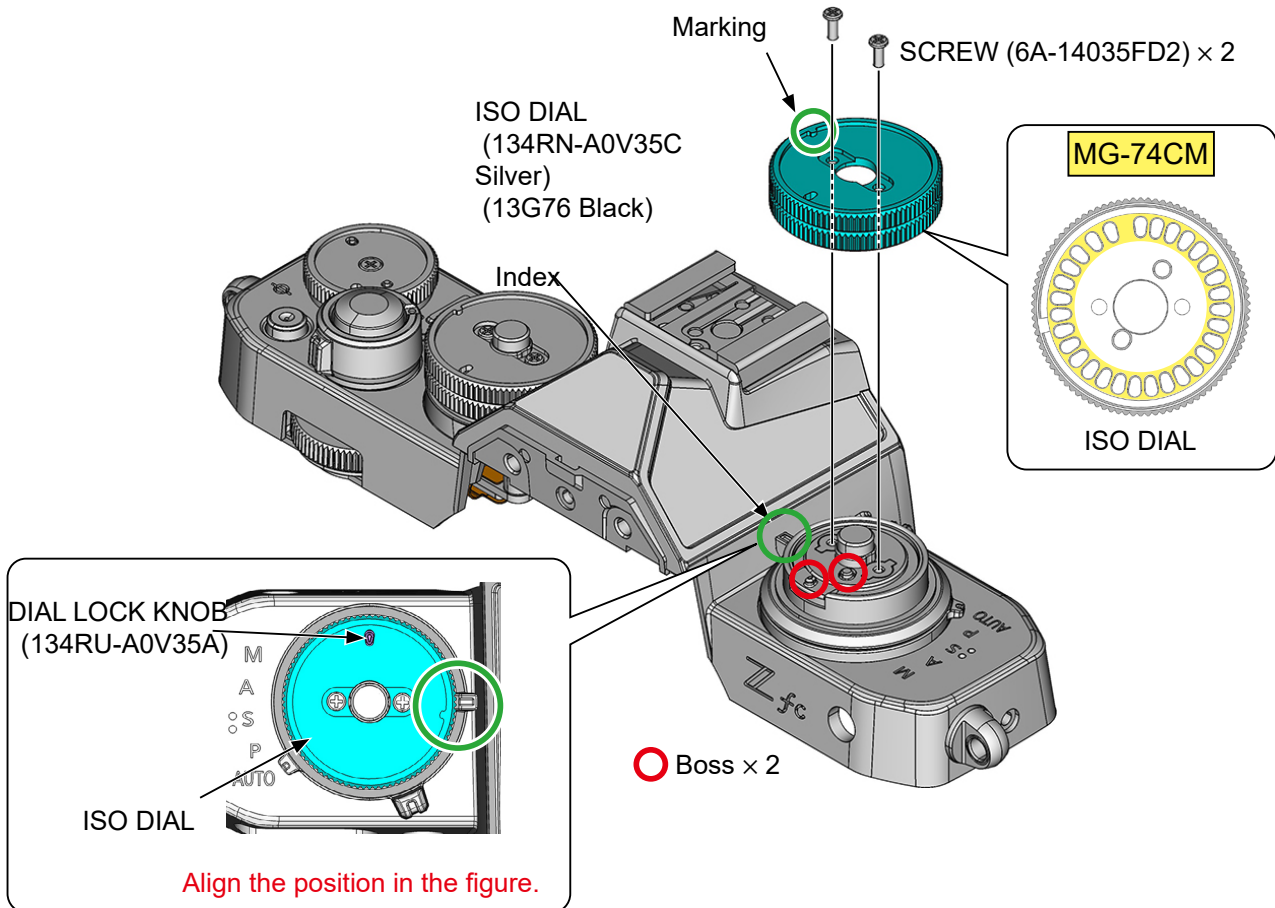
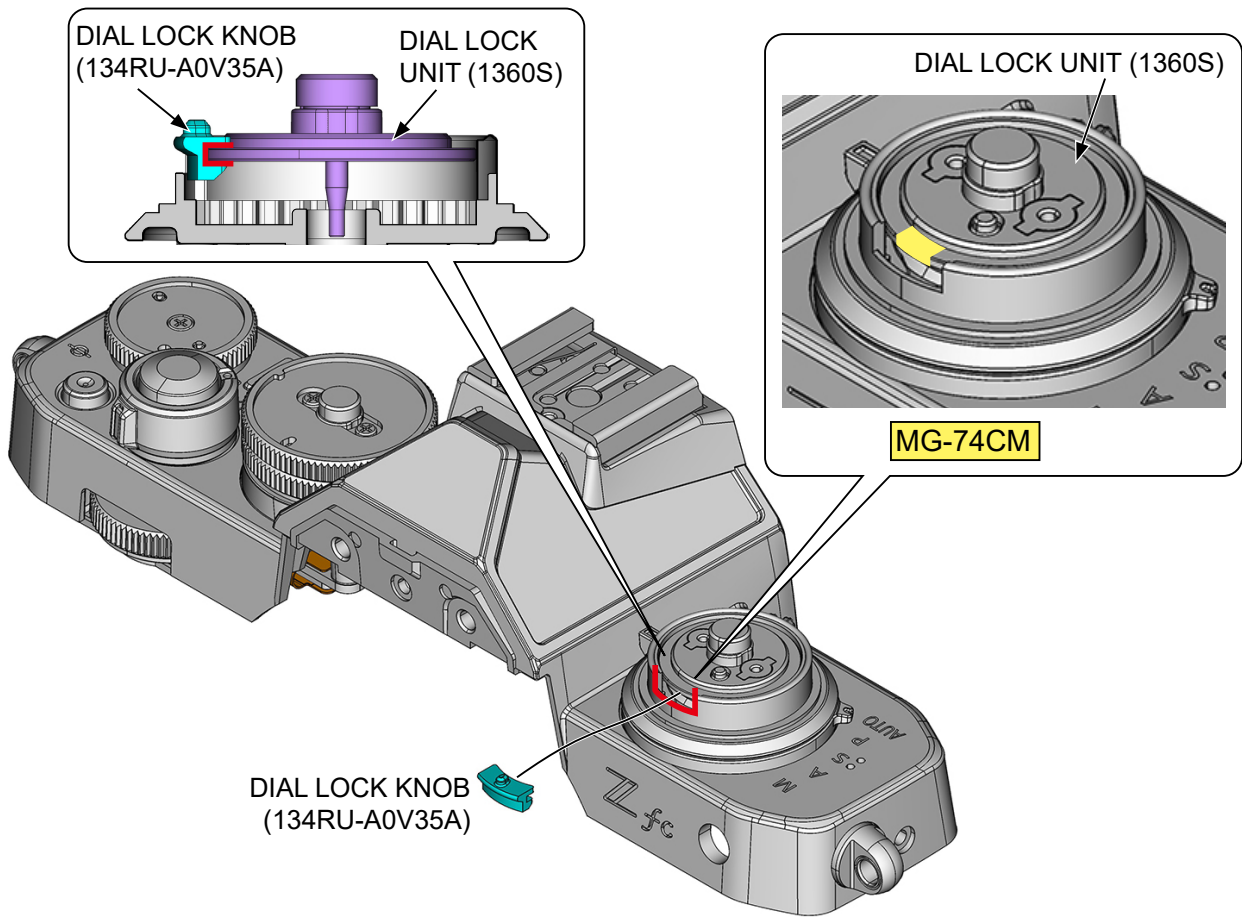
RELEASE MODE LEVER (134RY Silver) (13G78 Black)

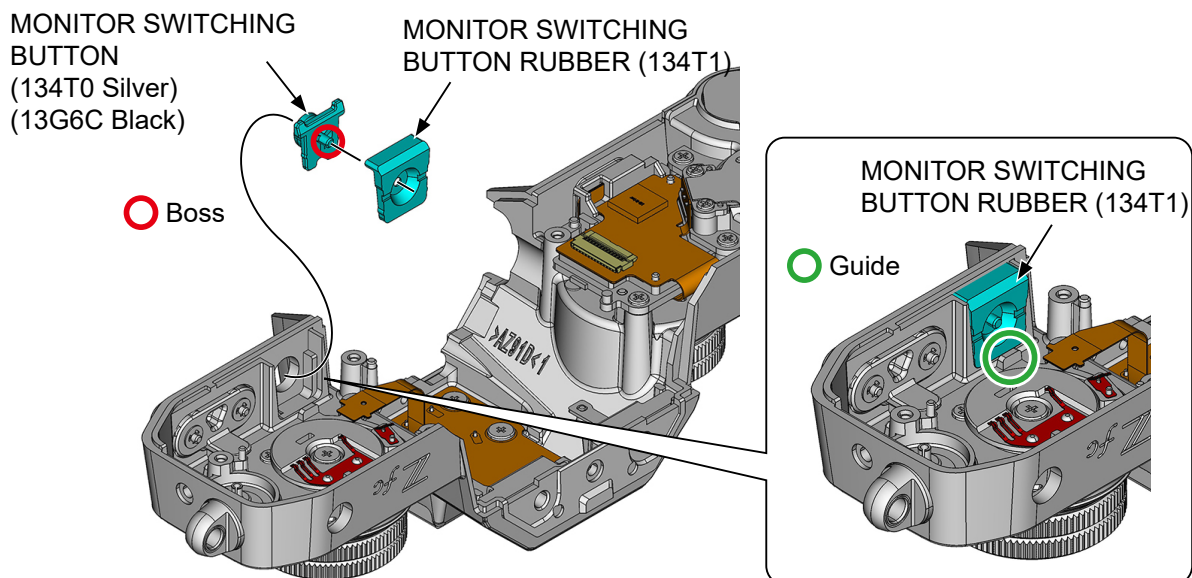
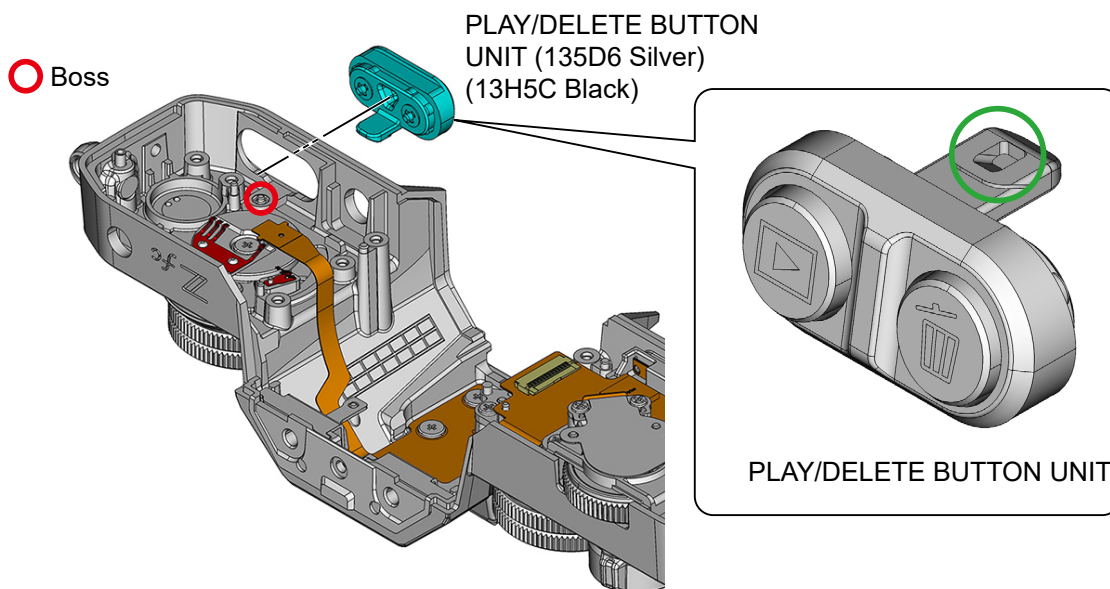
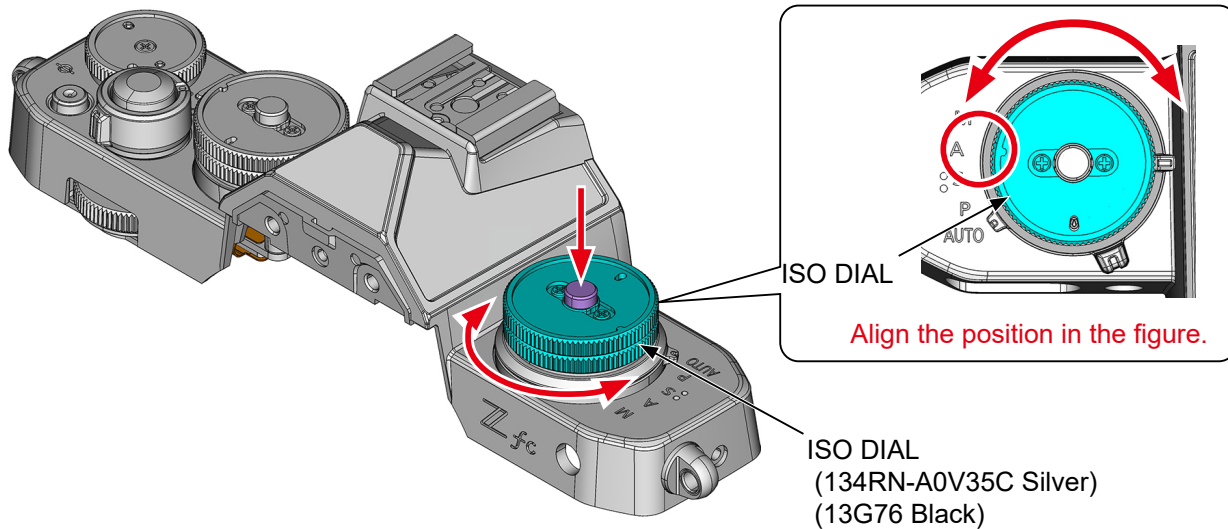




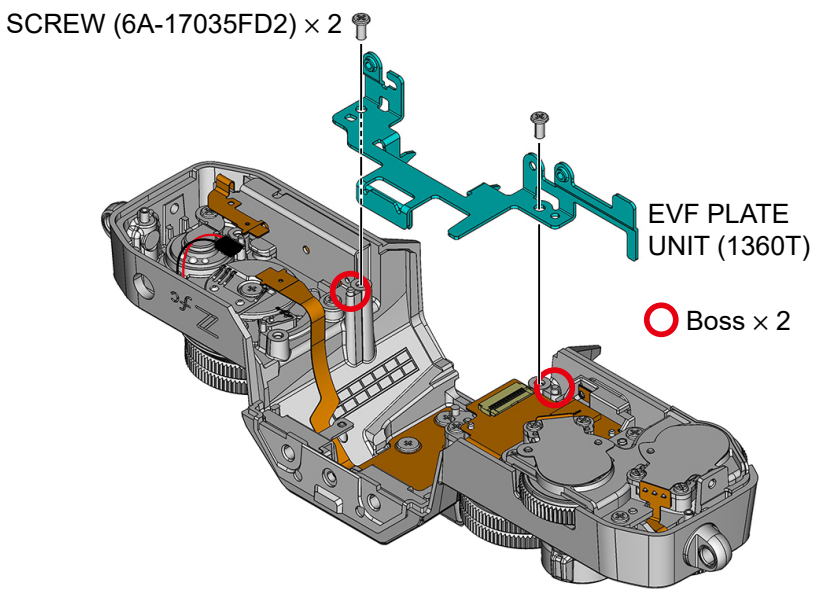
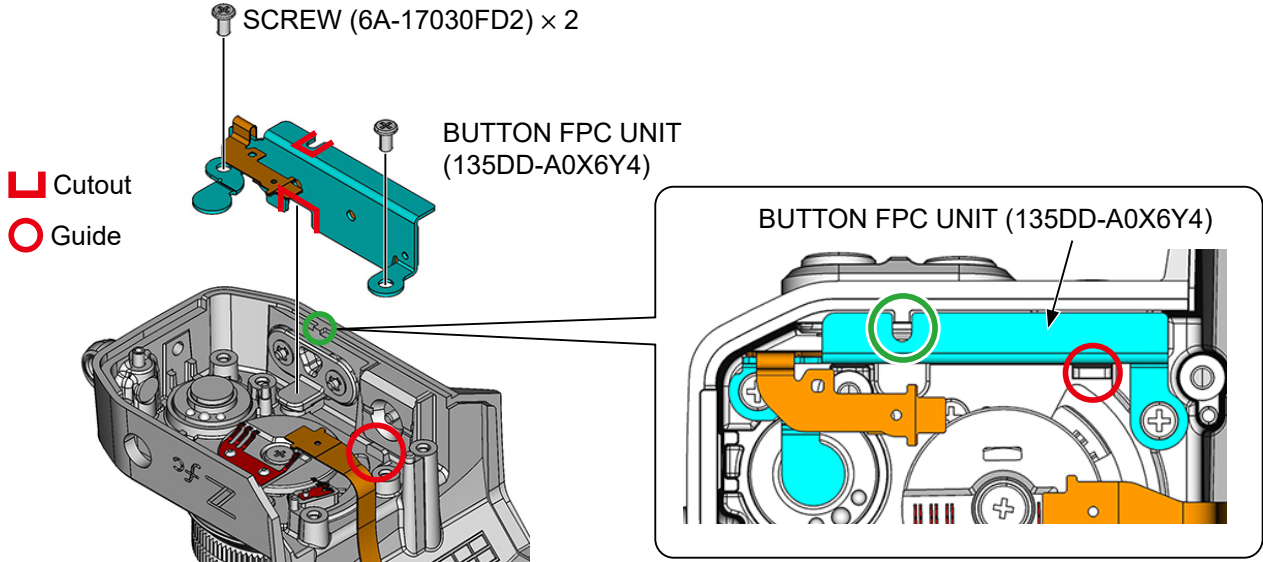
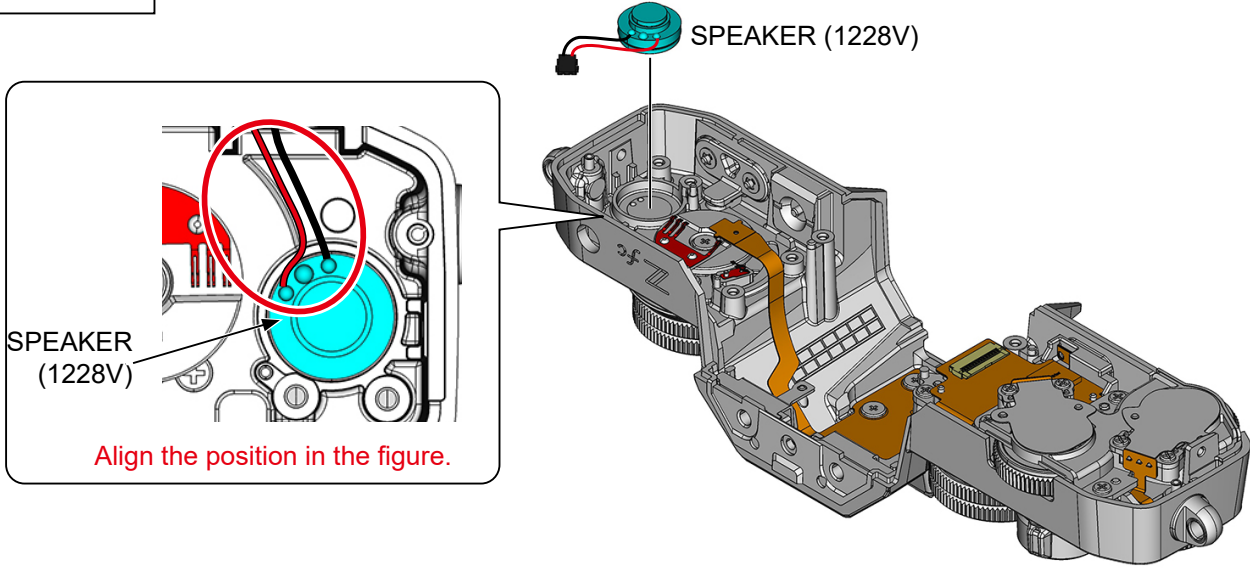




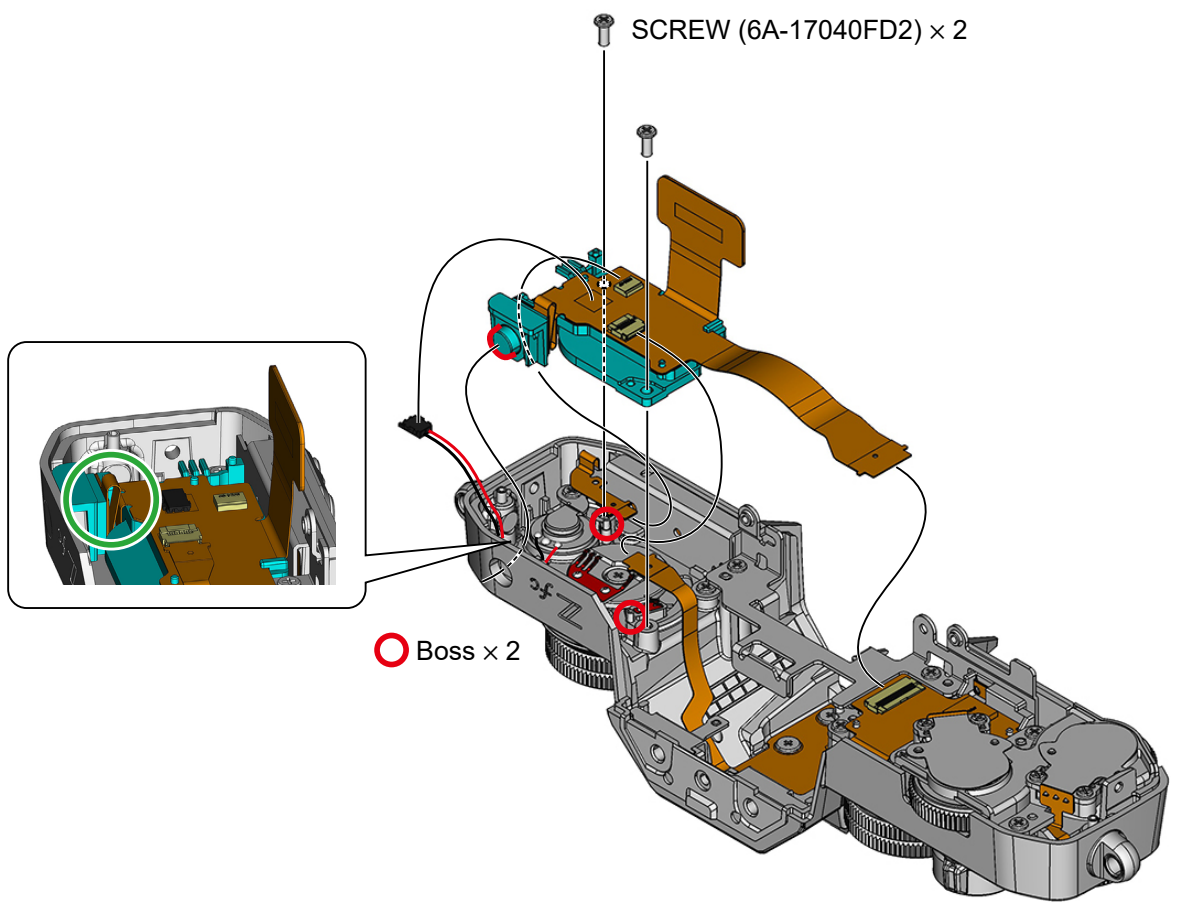
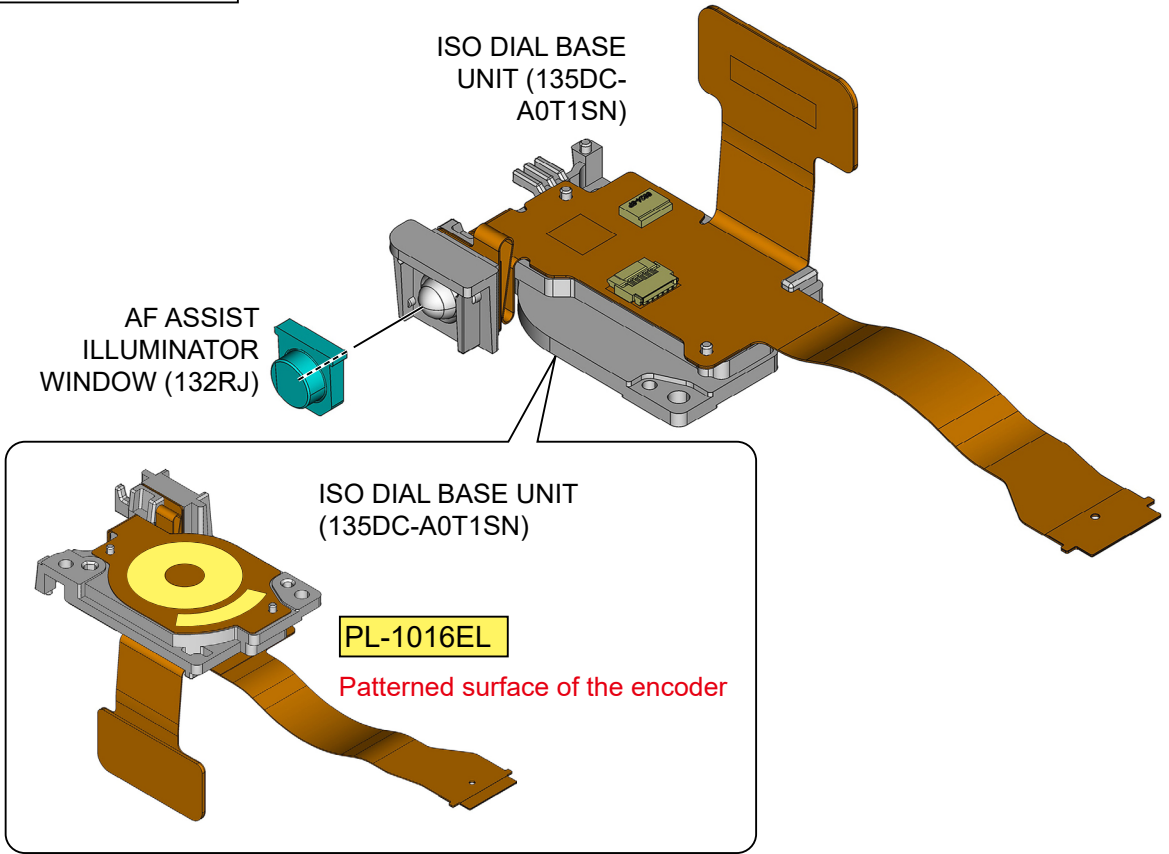


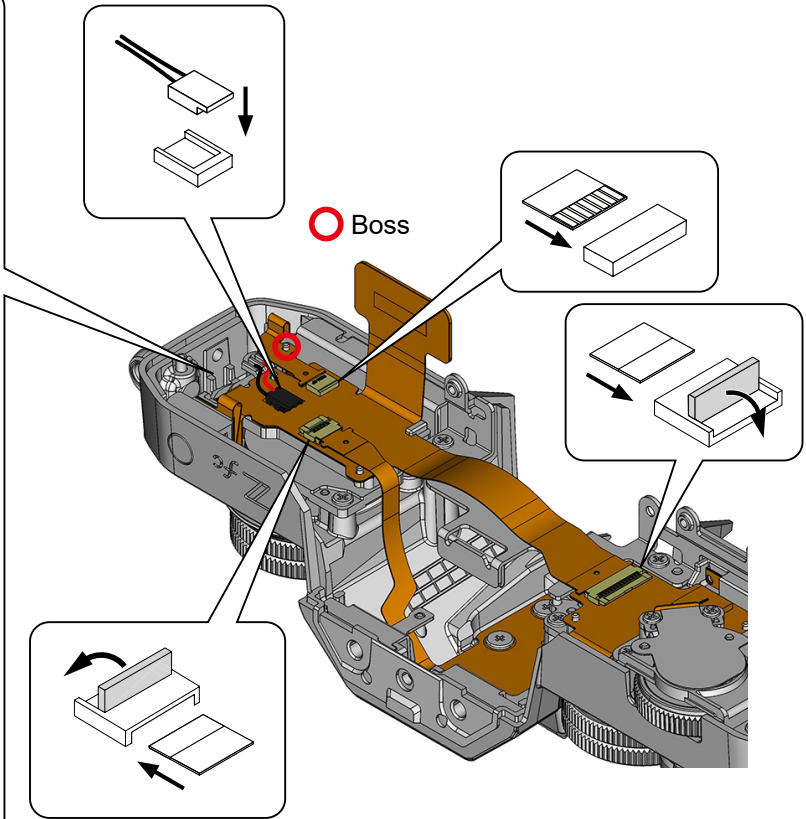
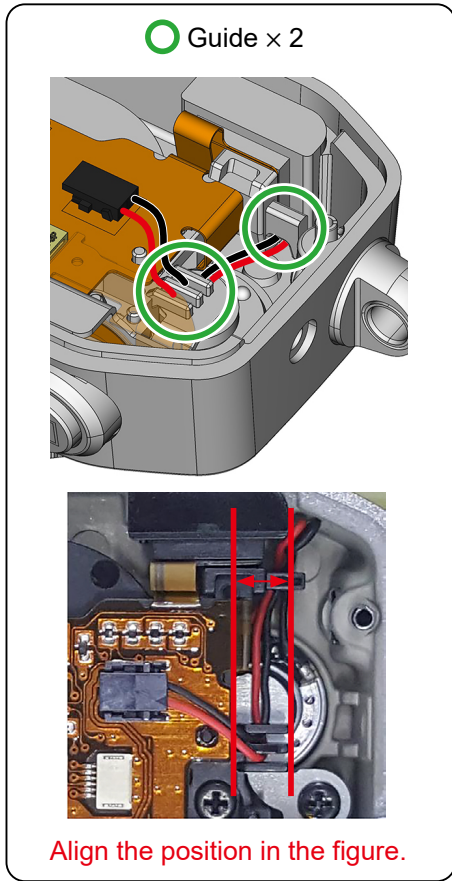


SPEAKER

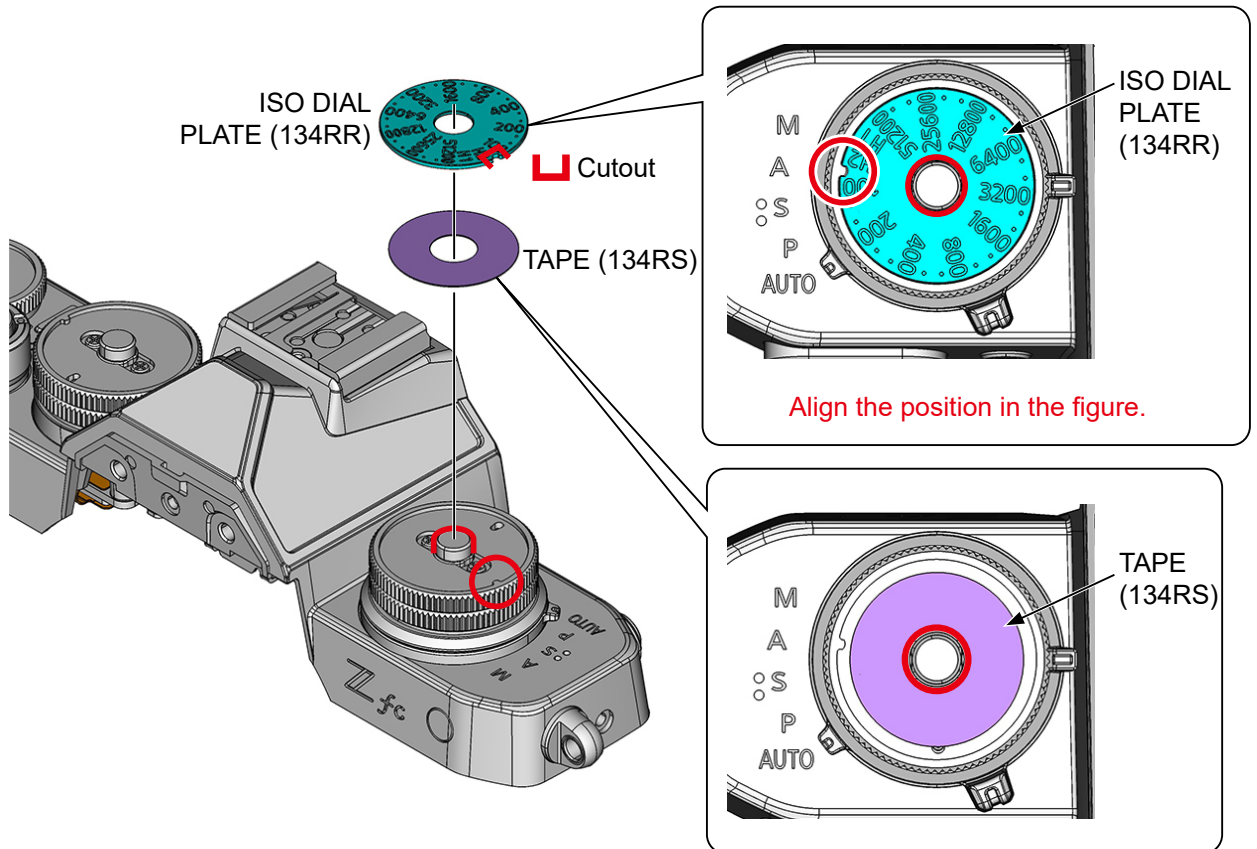


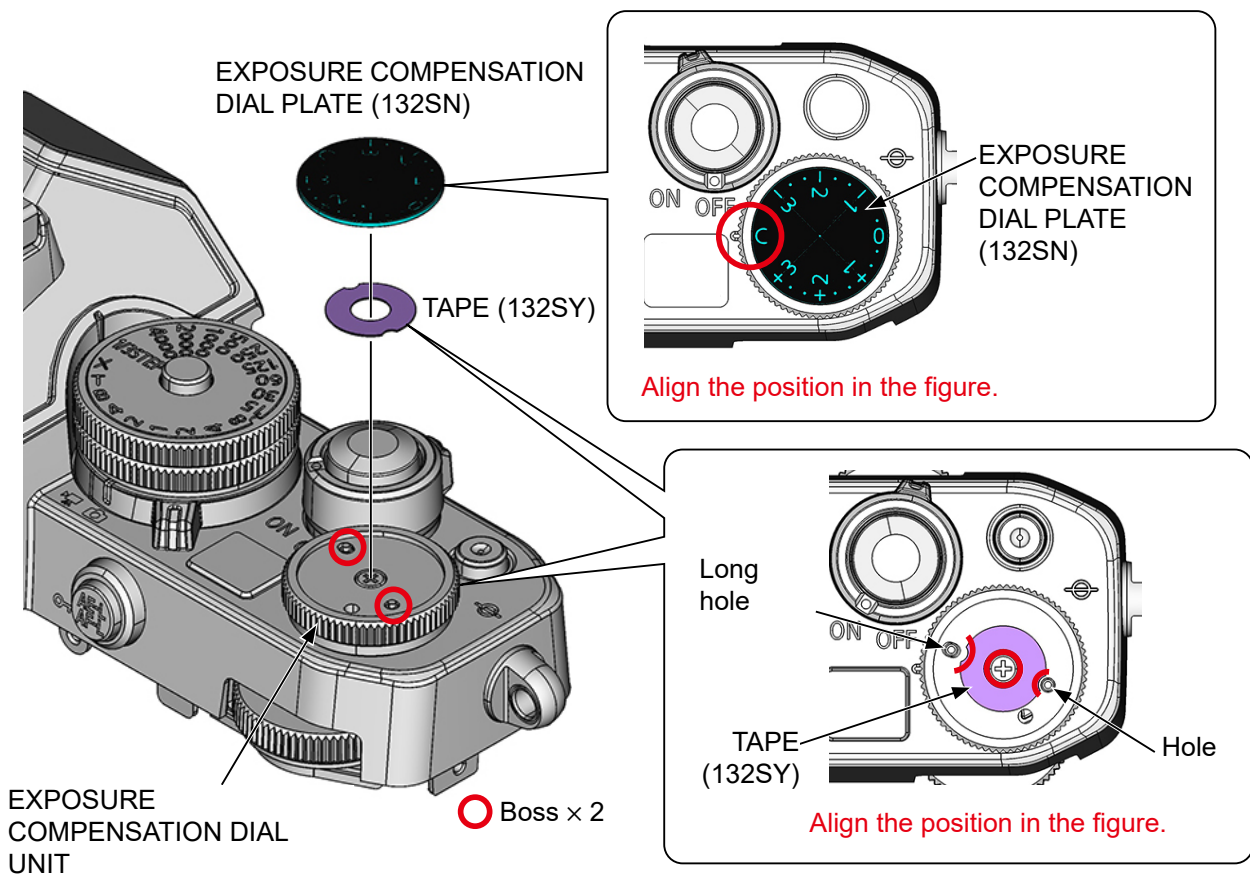
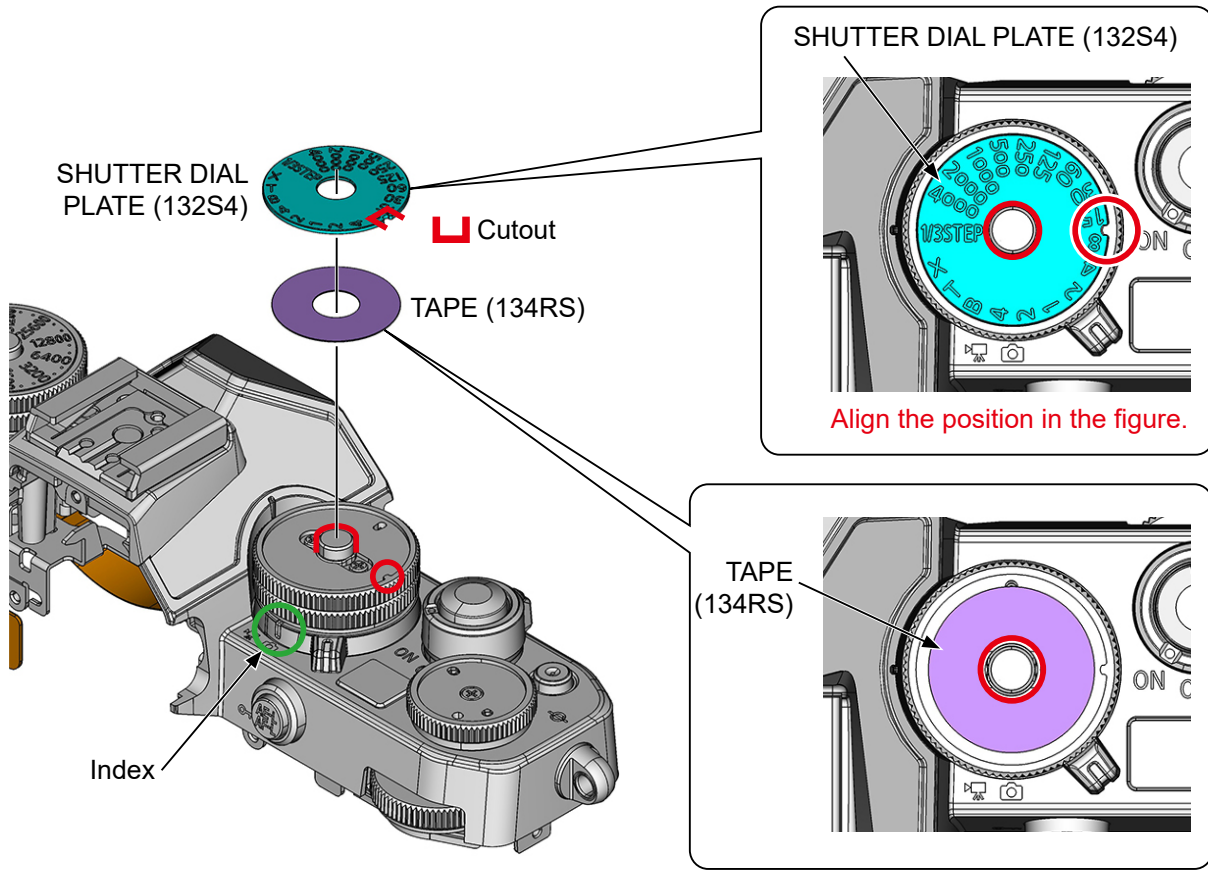
ISO DIAL BASE UNIT





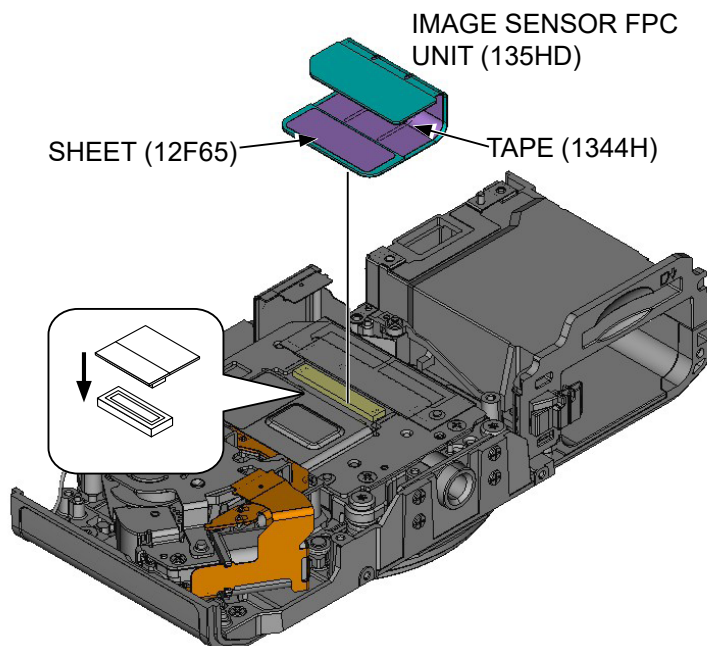
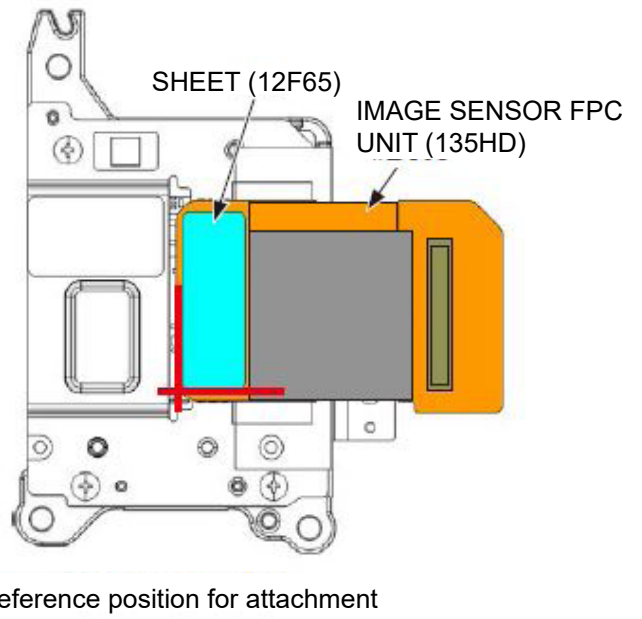
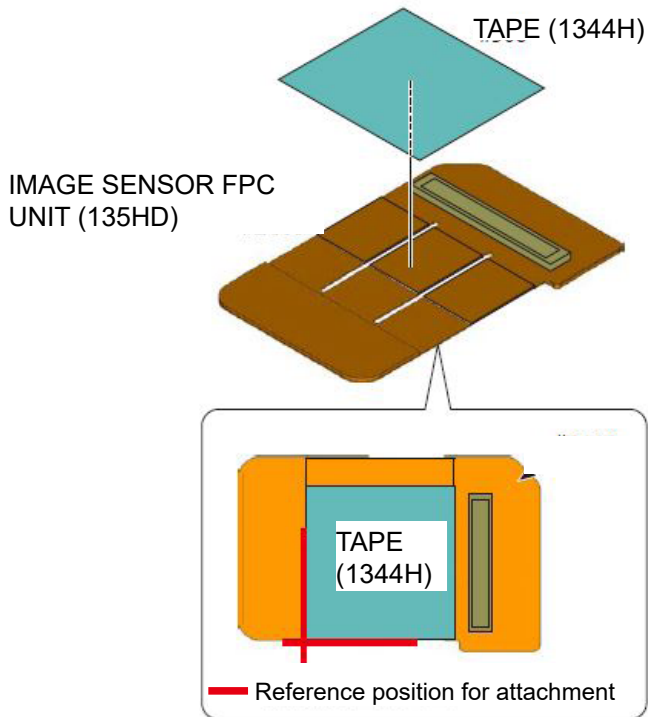
DIAL PLATE



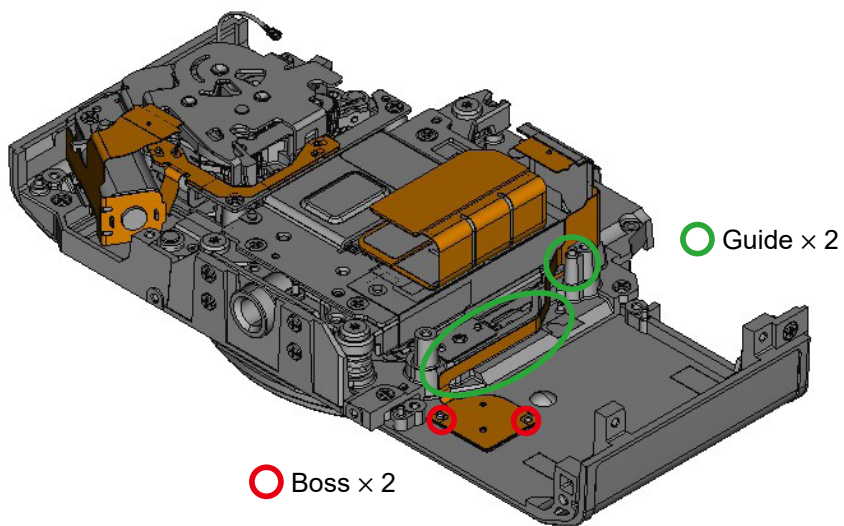
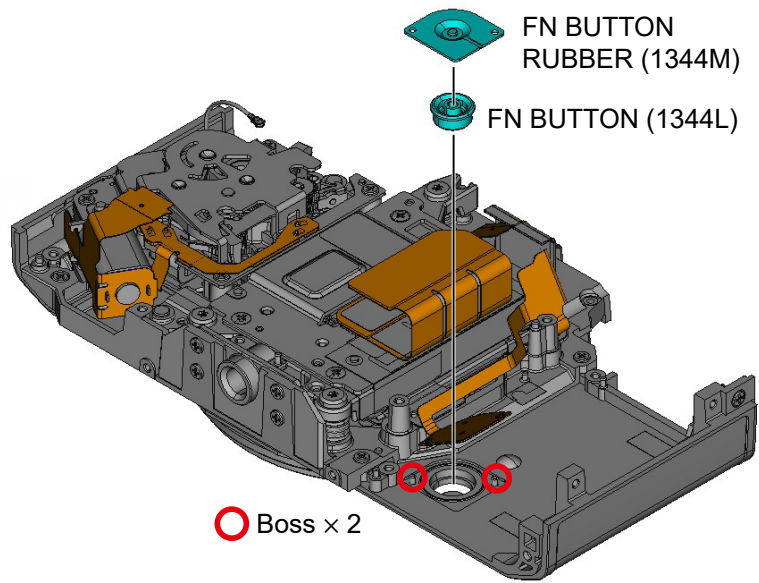


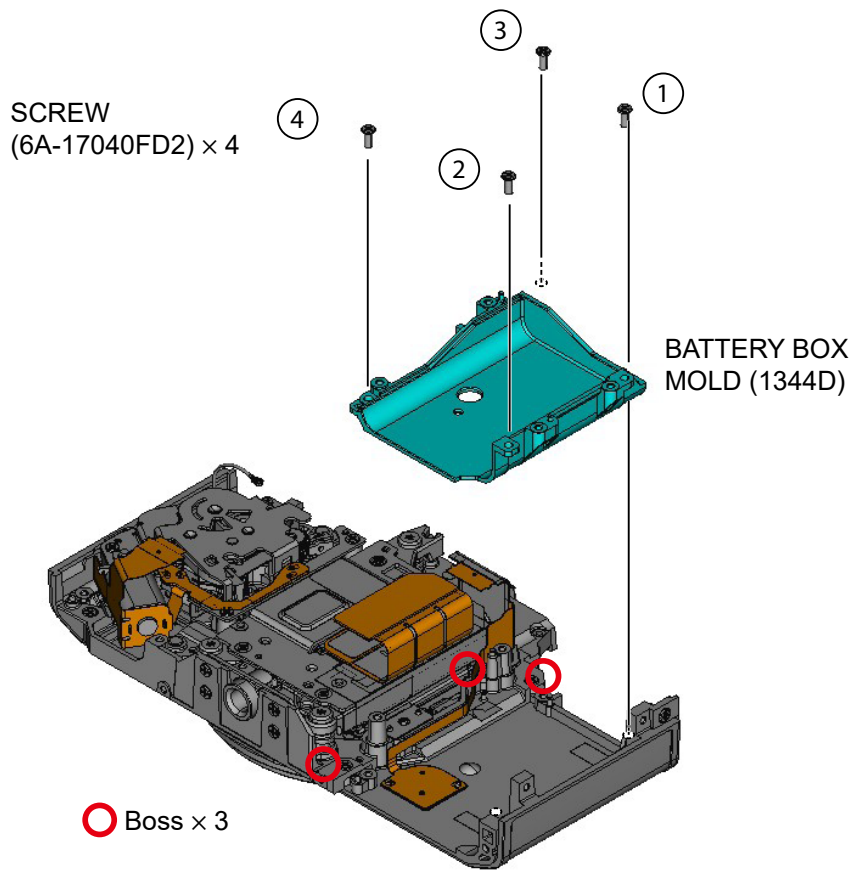
3. Front body

IMAGE SENSOR FPC UNIT

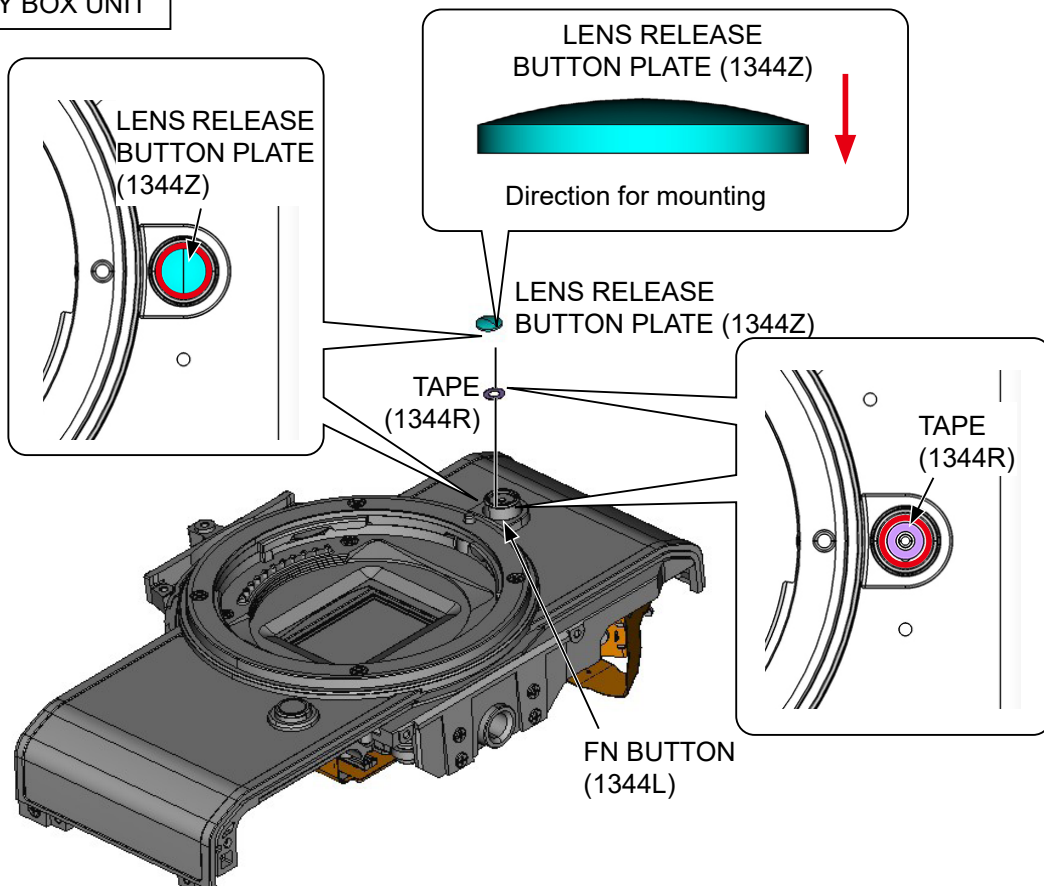


FN BUTTON

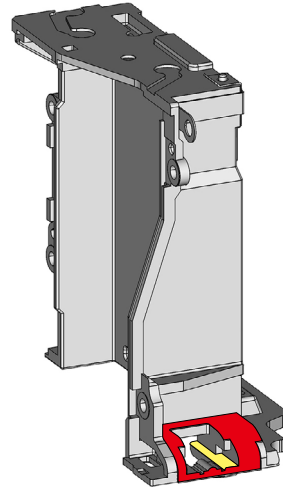
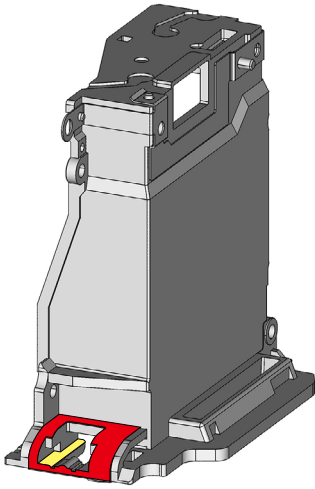




BATTERY BOX UNIT



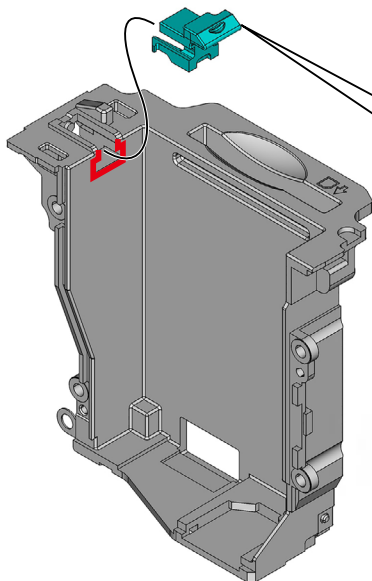
DN-C3HN



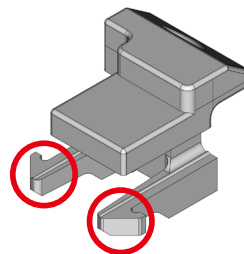
DN-C3HN

Do NOT apply to the red area.

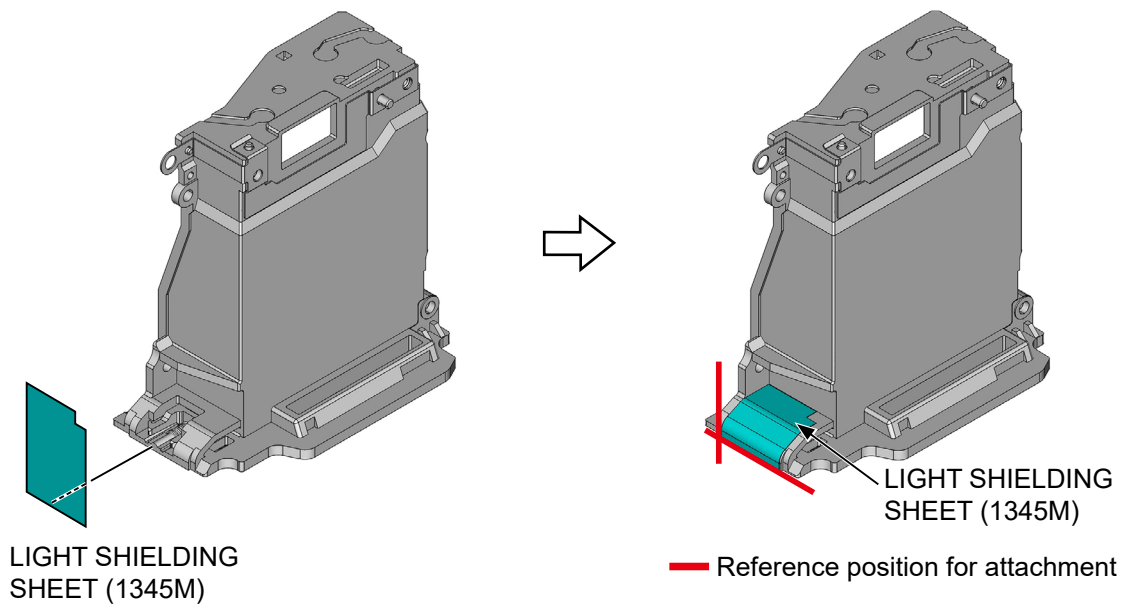
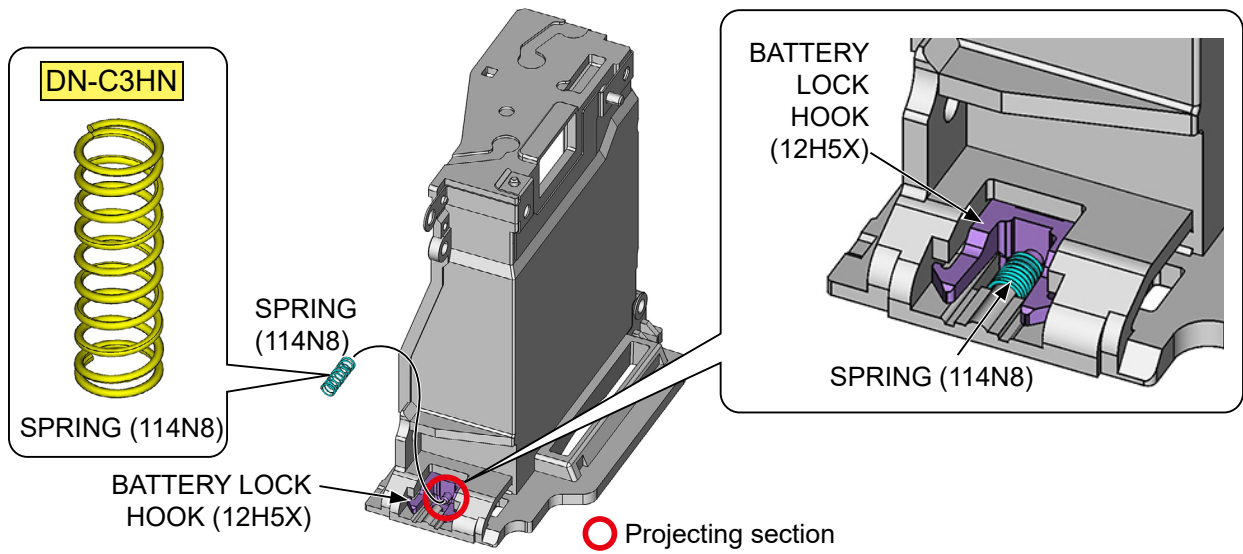
BATTERY LOCK
HOOK (12H5X)

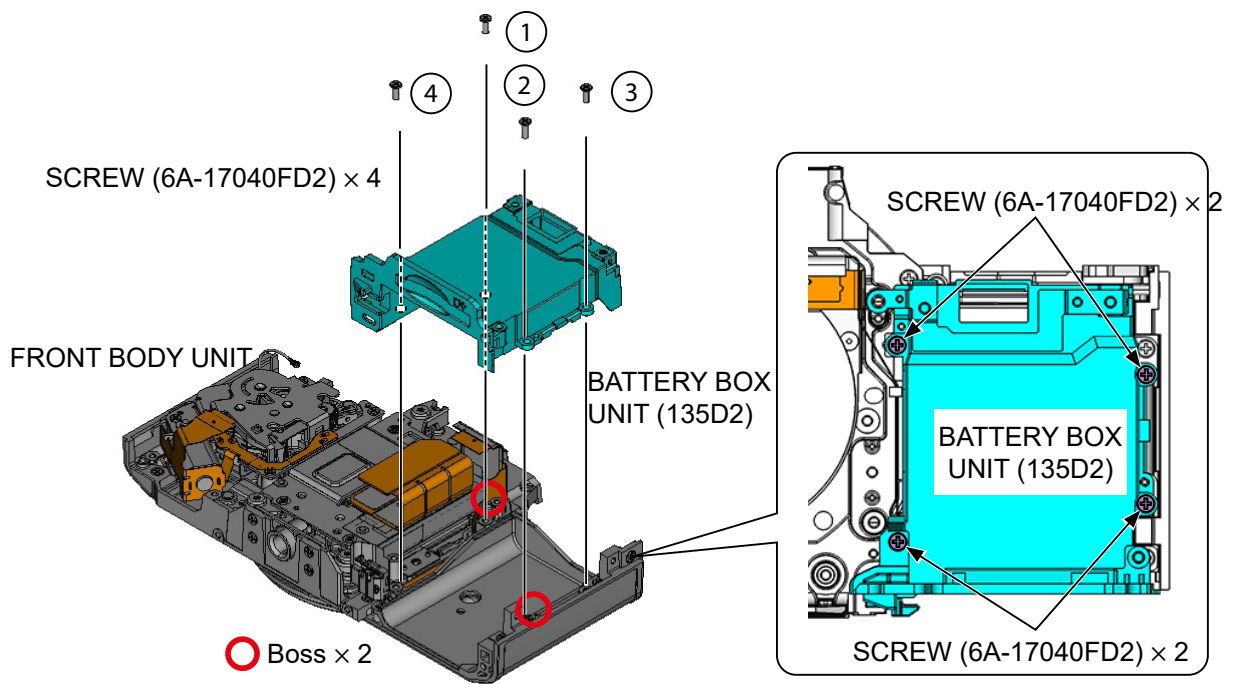
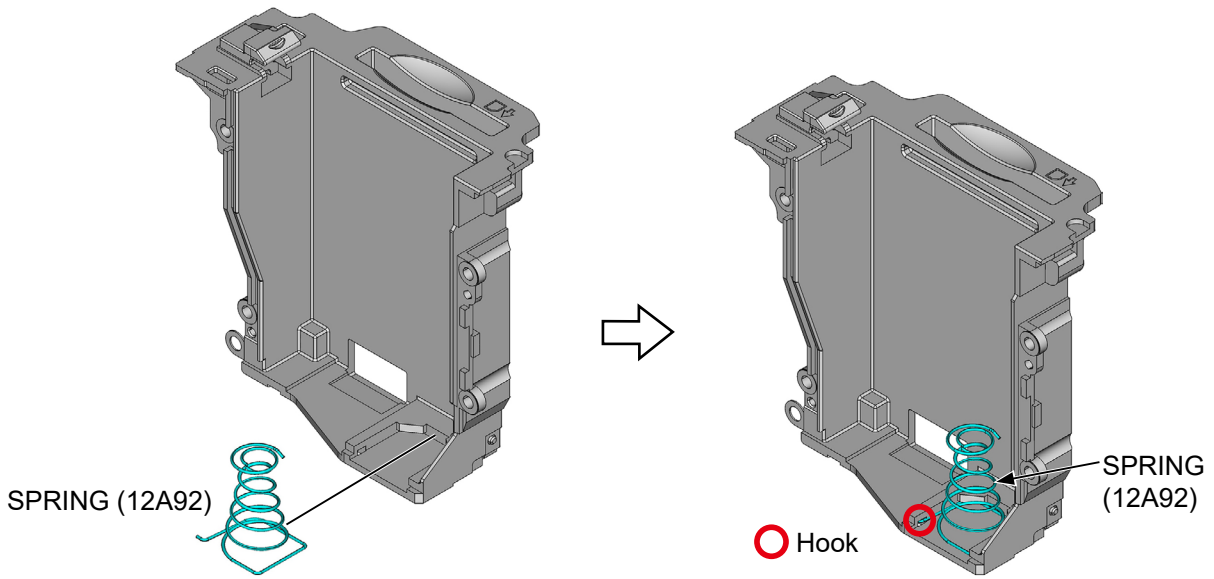


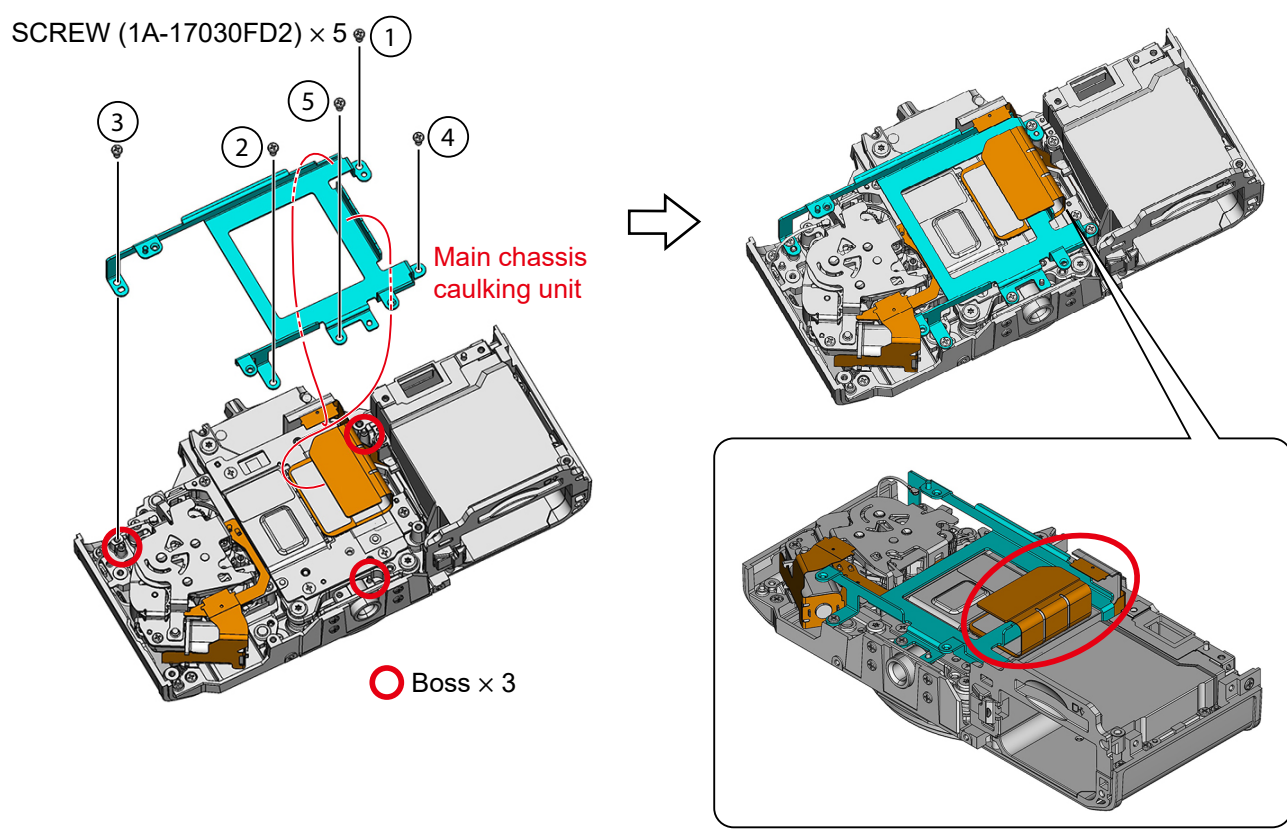
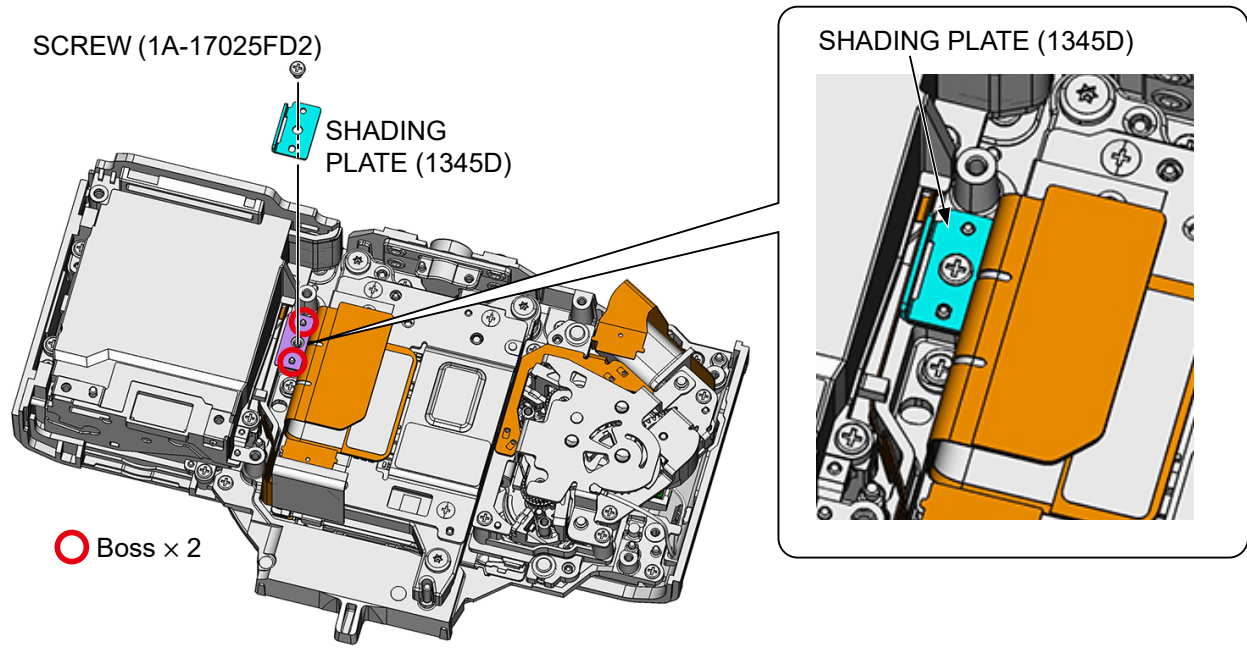
BATTERY LOCK
HOOK (12H5X)



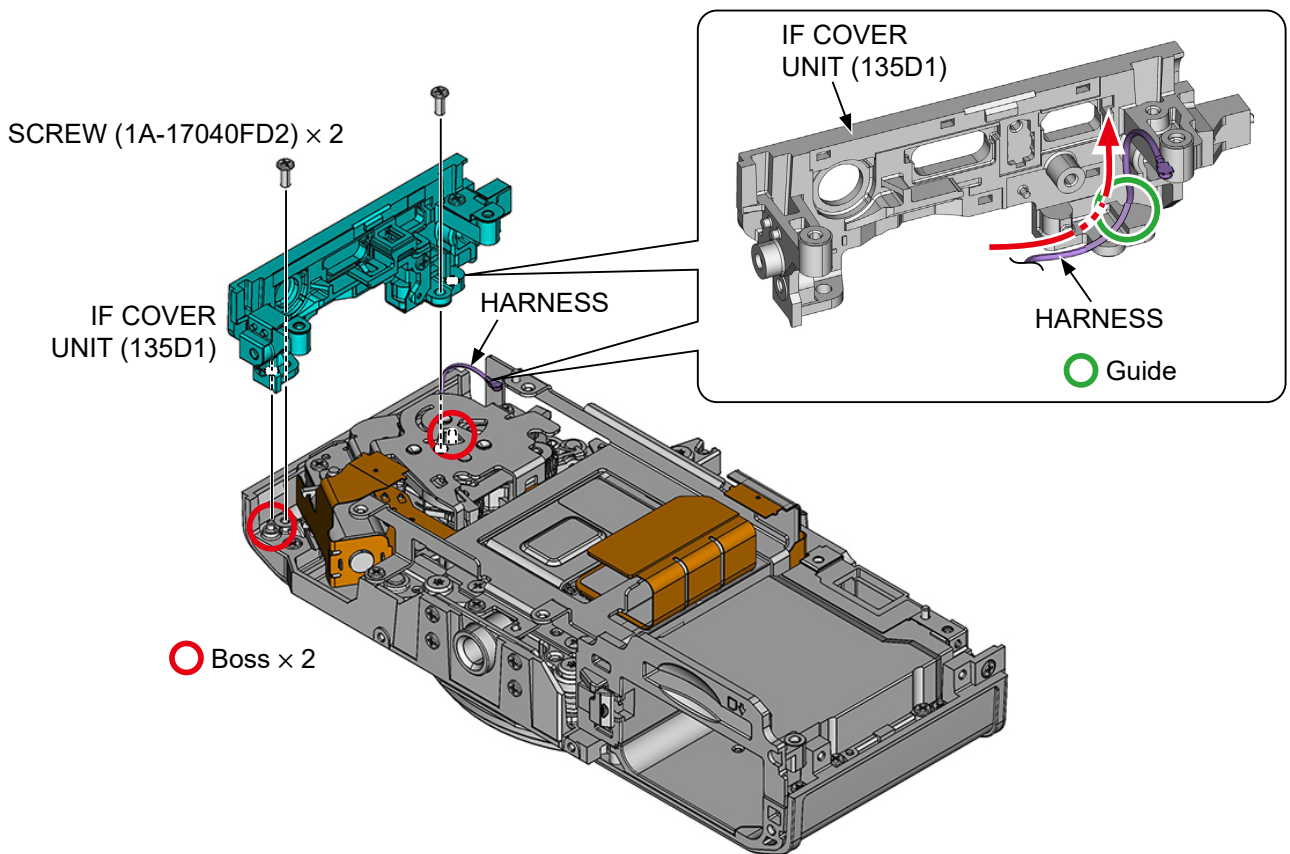
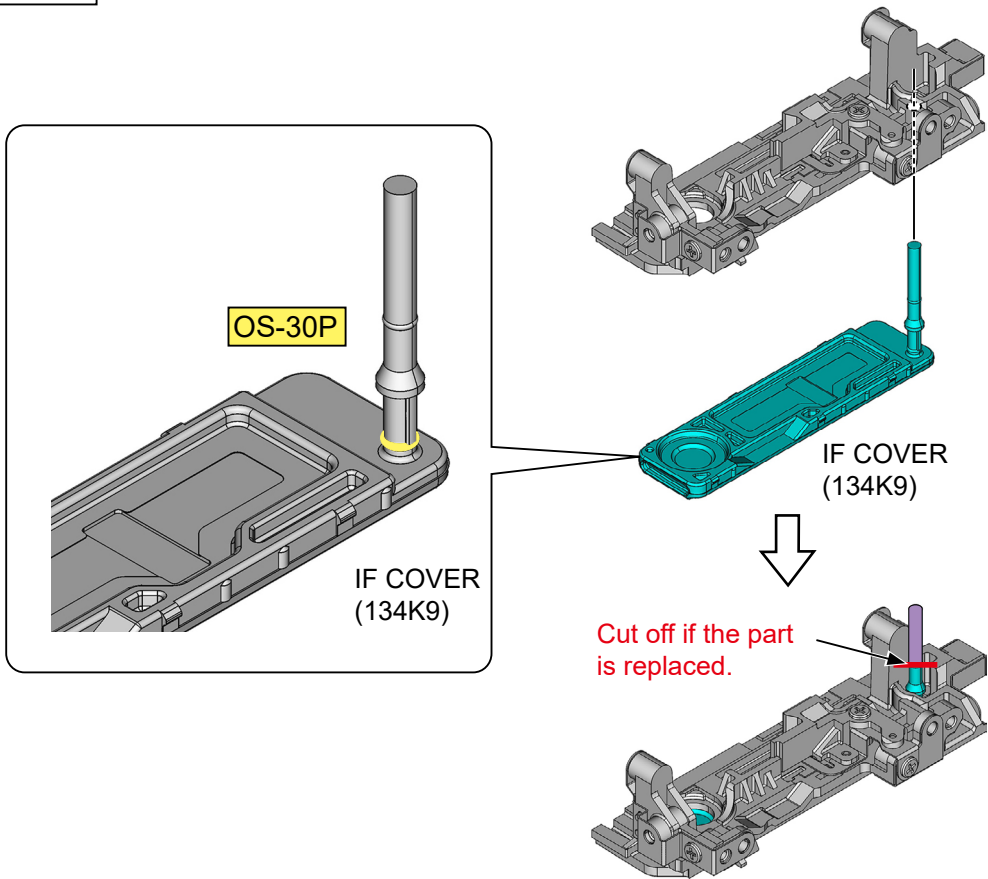
○ Hook × 2



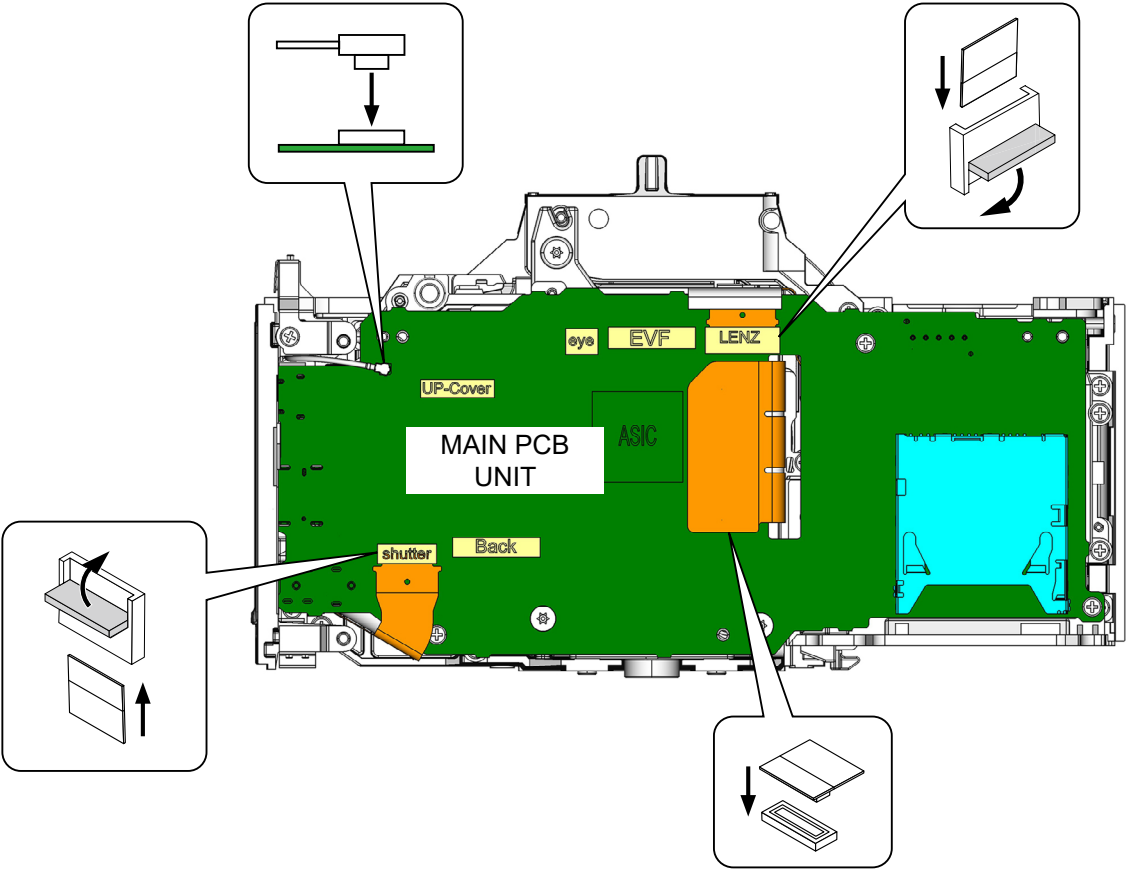
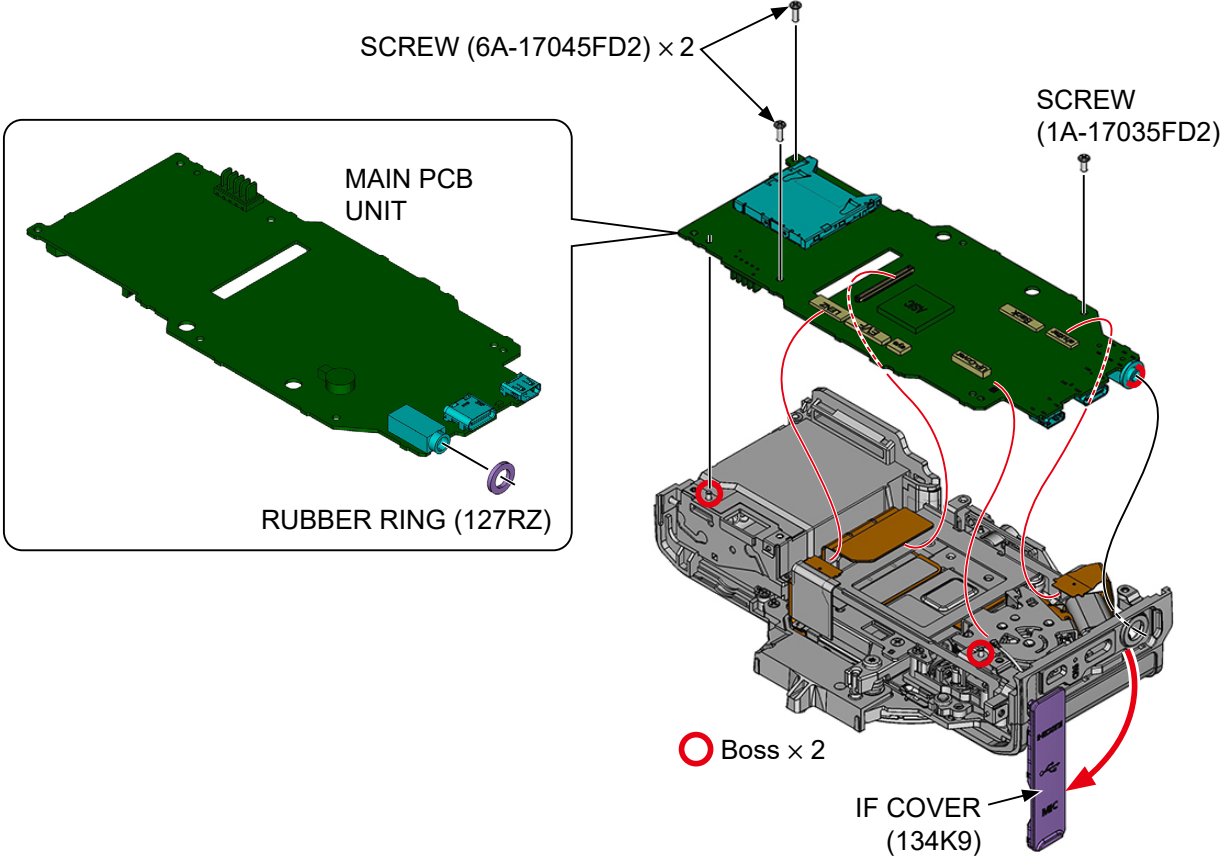




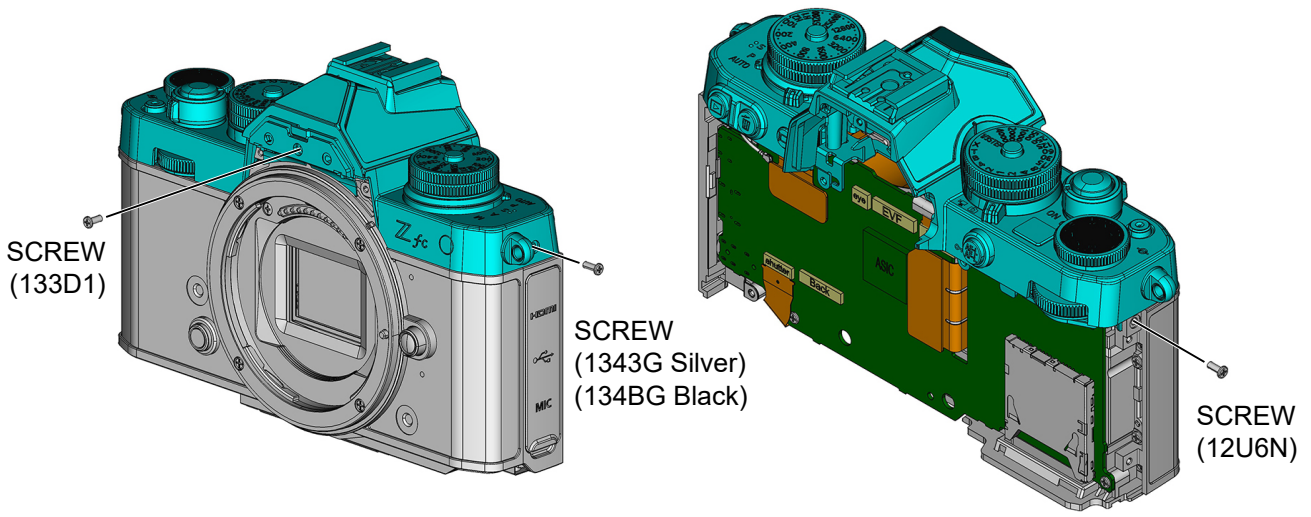
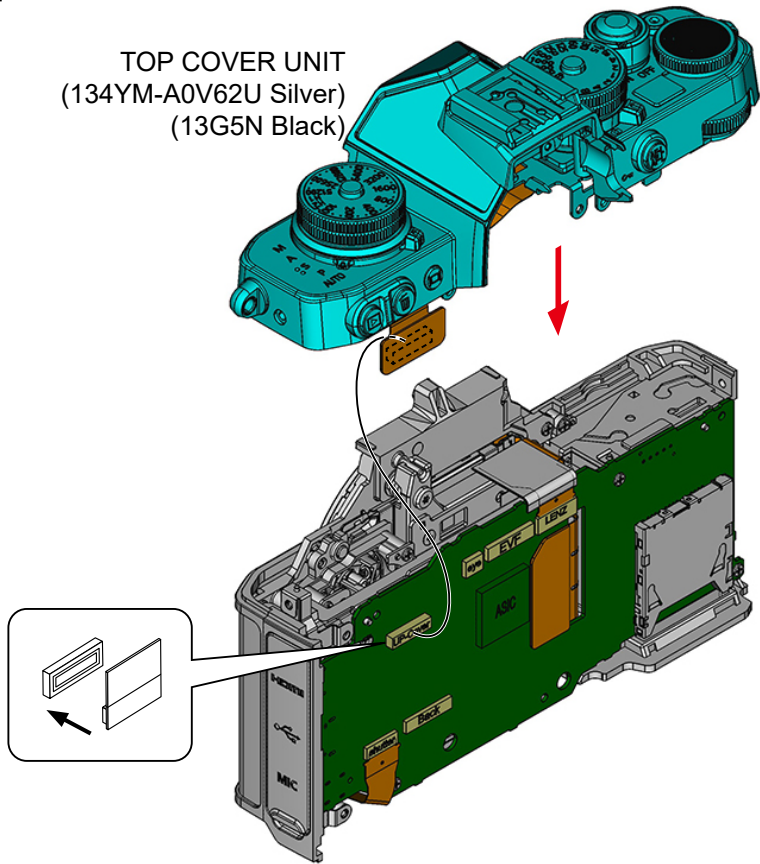
IF COVER UNIT

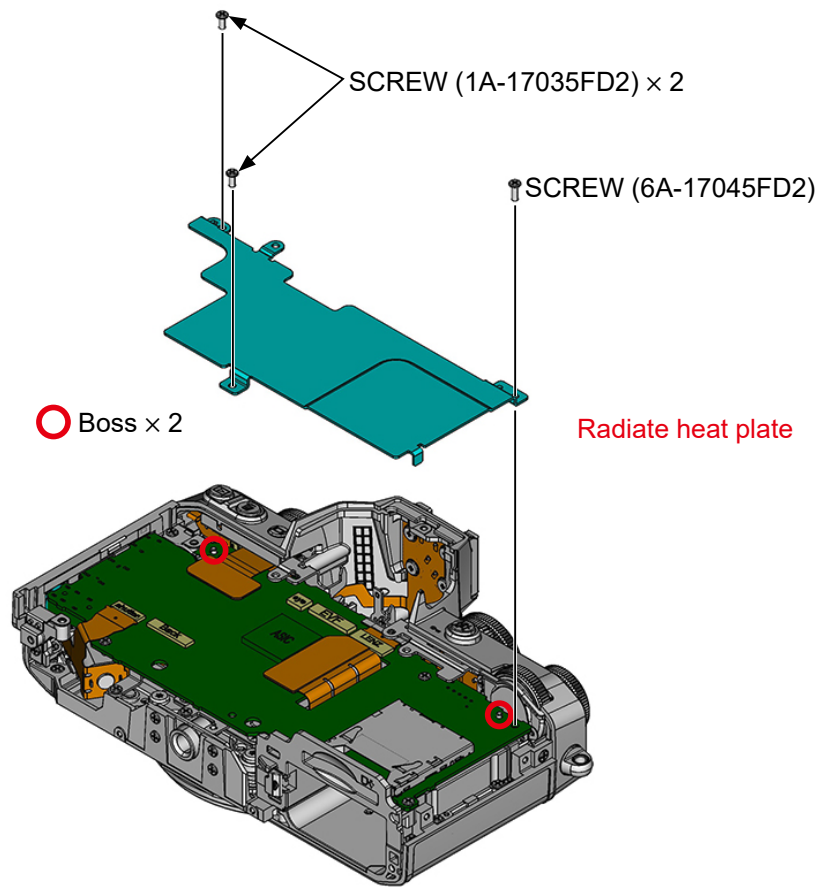


MAIN PCB UNIT

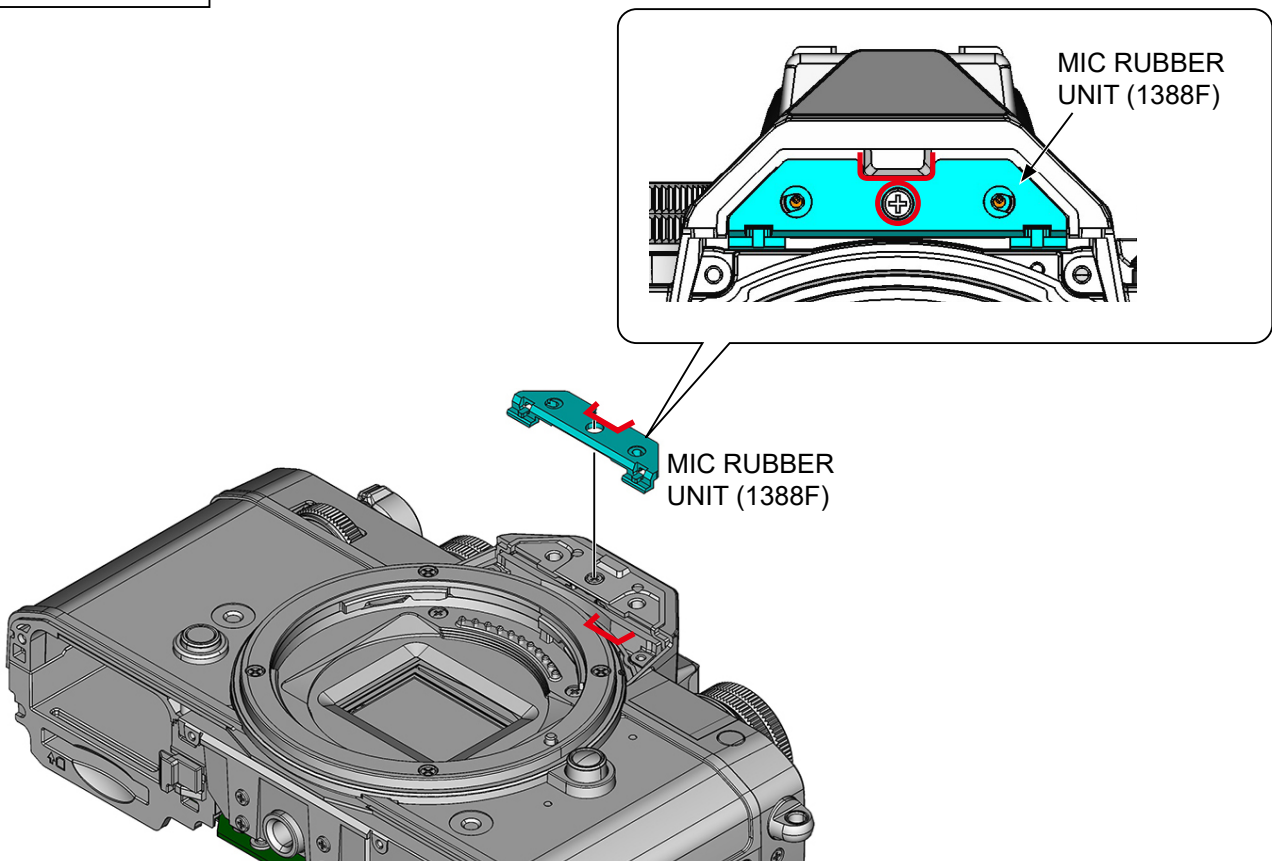


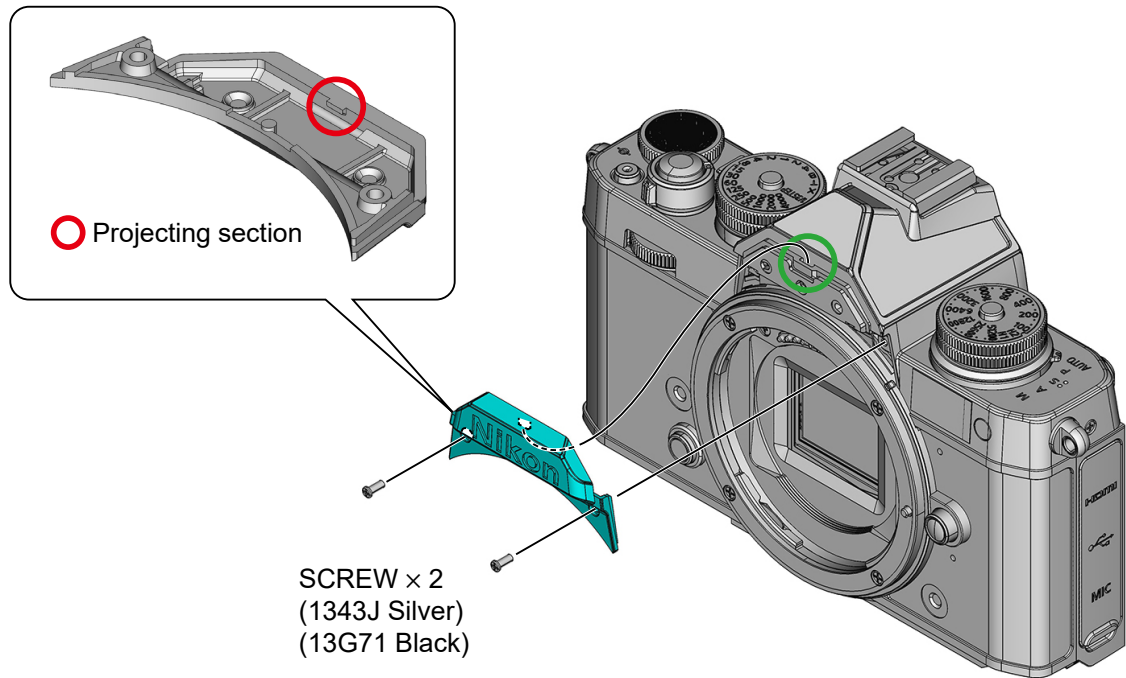
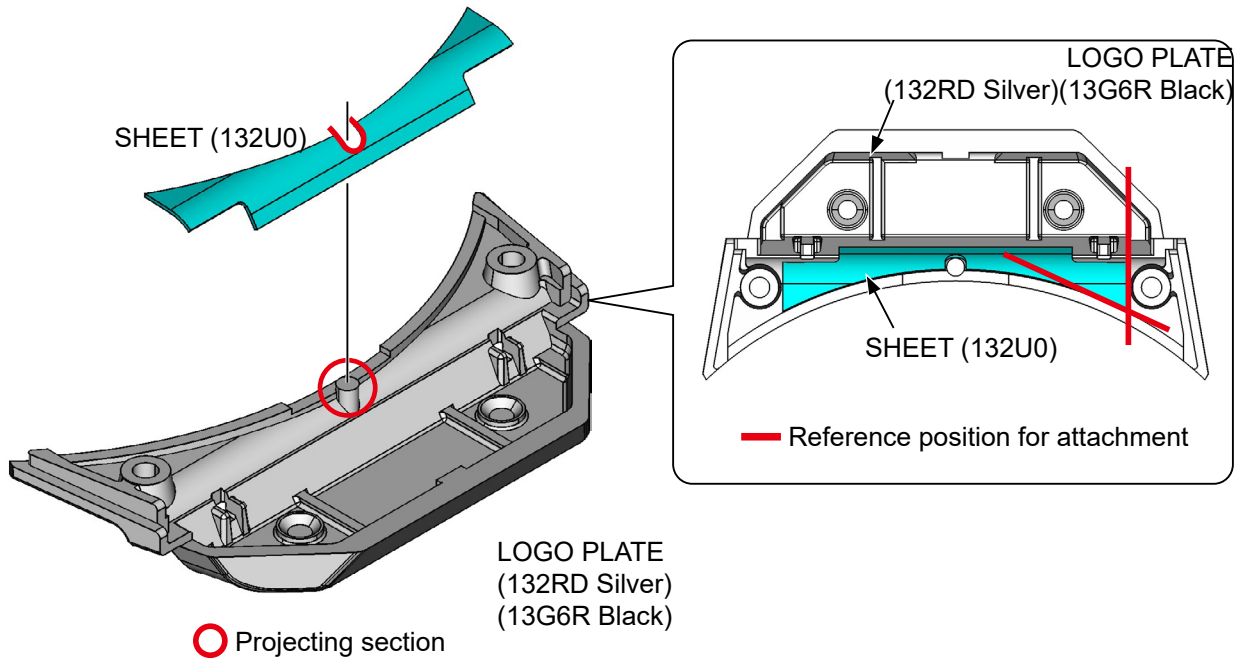
TOP COVER UNIT





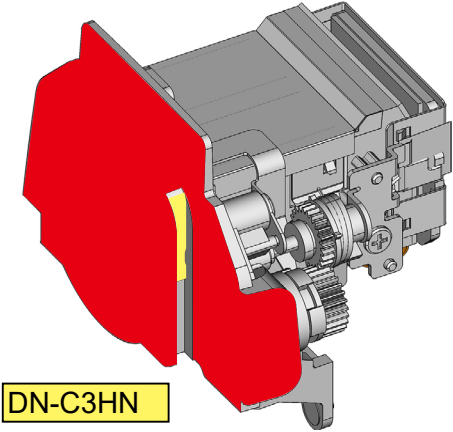
LOGO PLATE



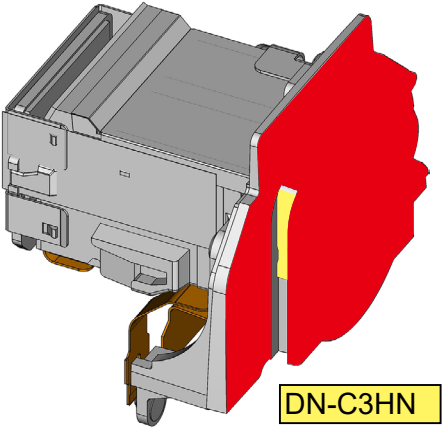


EYEPIECE EVF UNIT

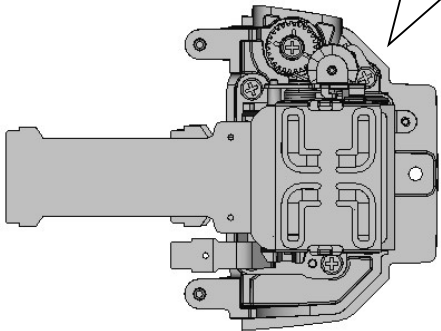
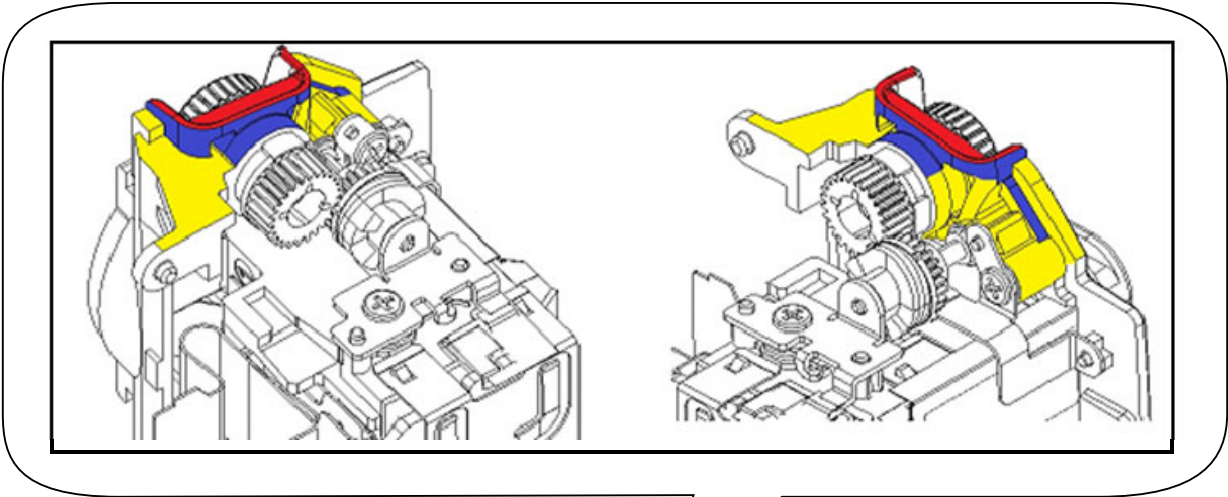
Do NOT apply to the red area.



EYEPIECE EVF UNIT

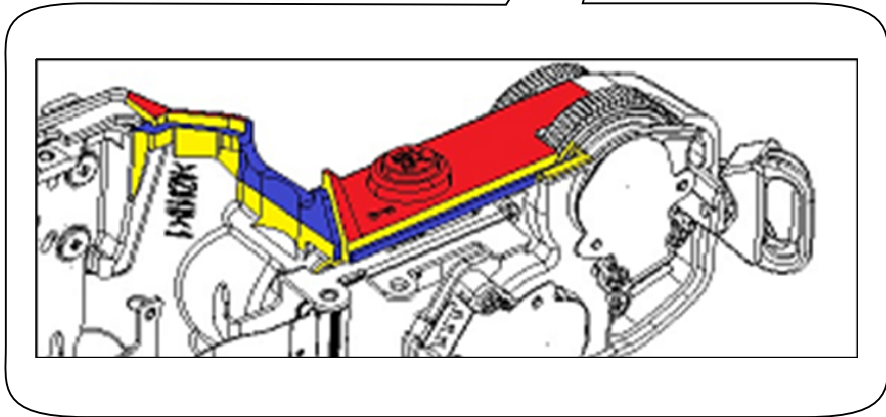
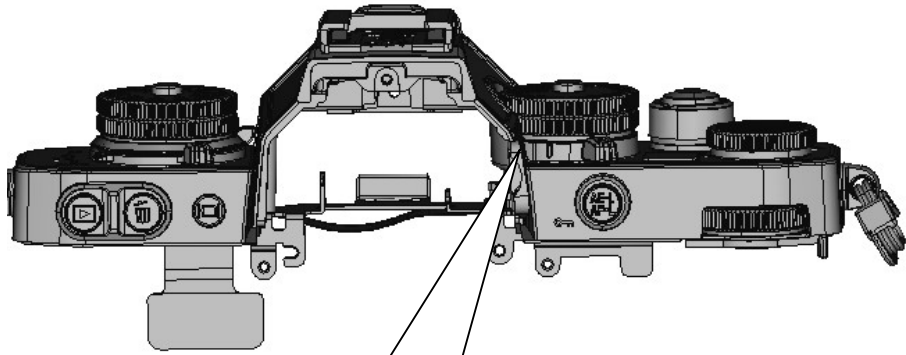


EYEPIECE EVF UNIT



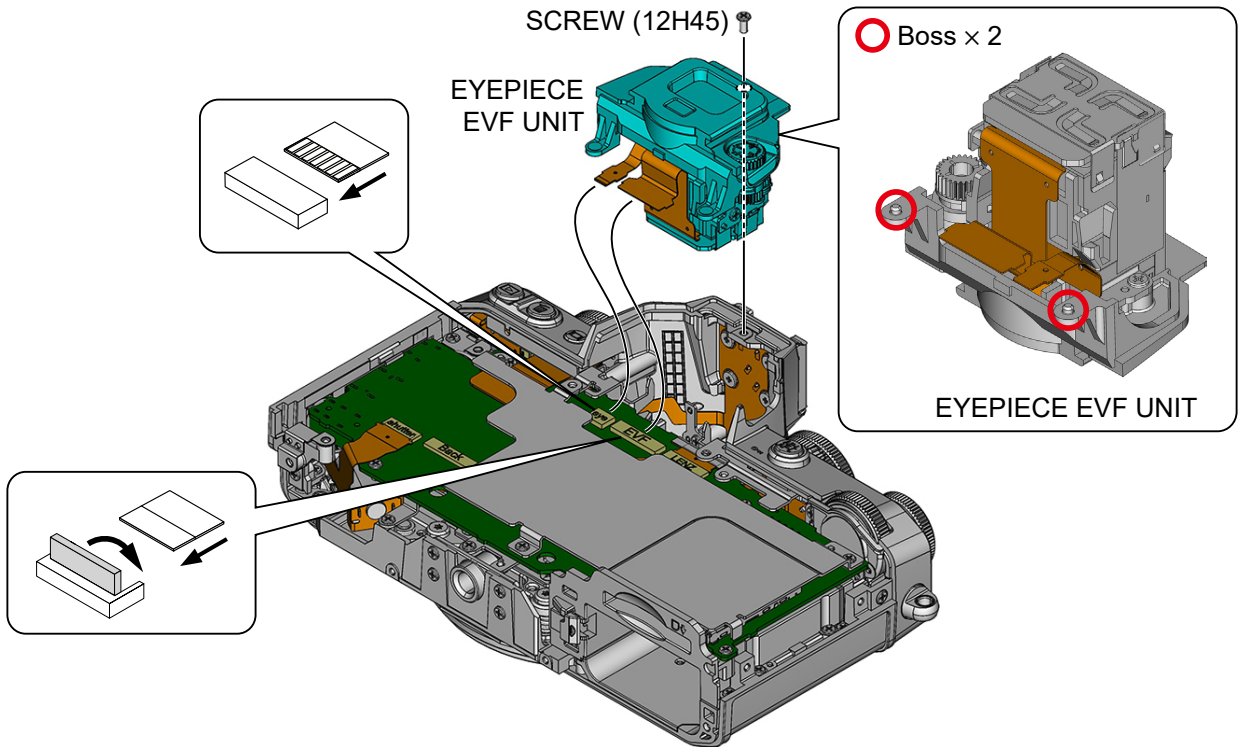
OS-30P

Blue area: Apply oil
Red area: Oil protruding NG
Yellow area: Oil protruding OK

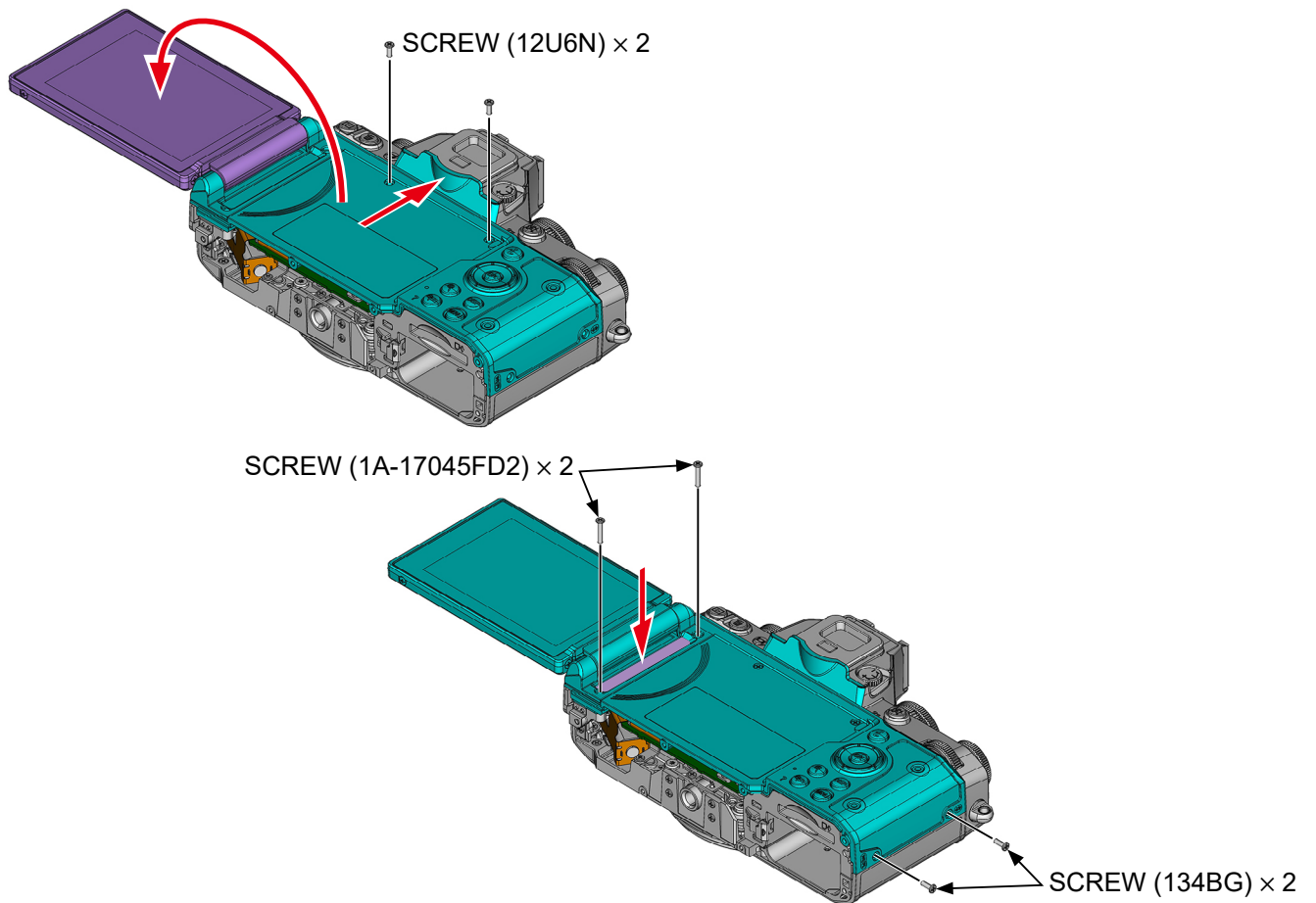
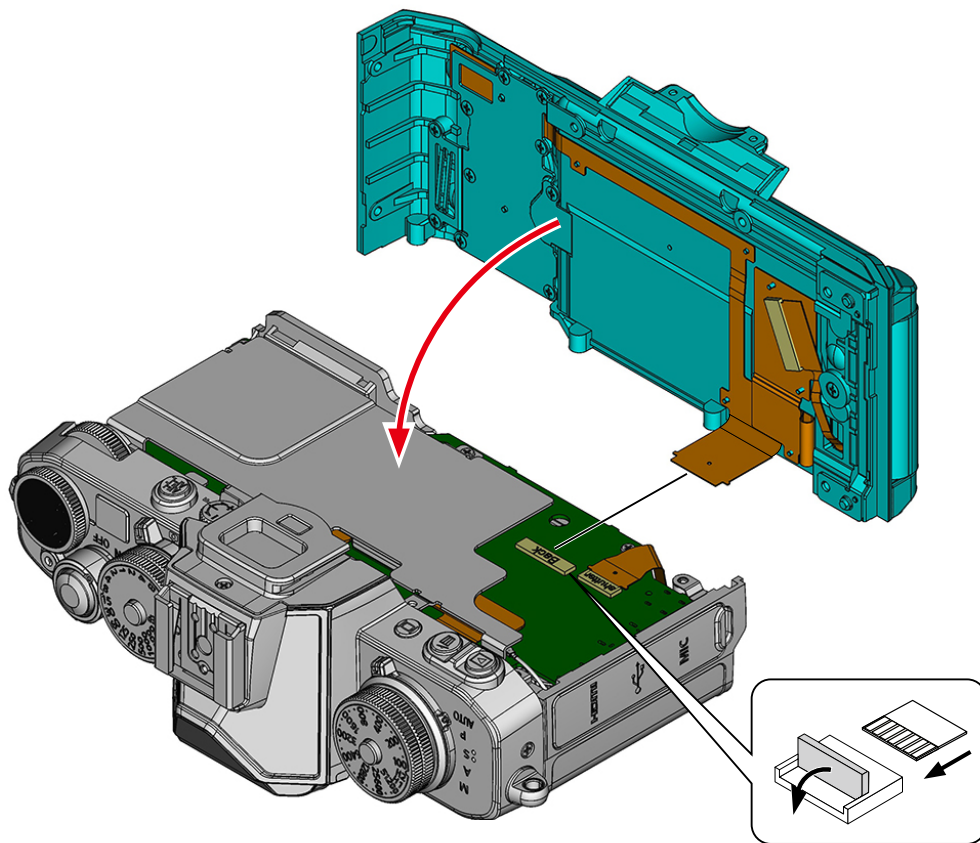


OS-30P

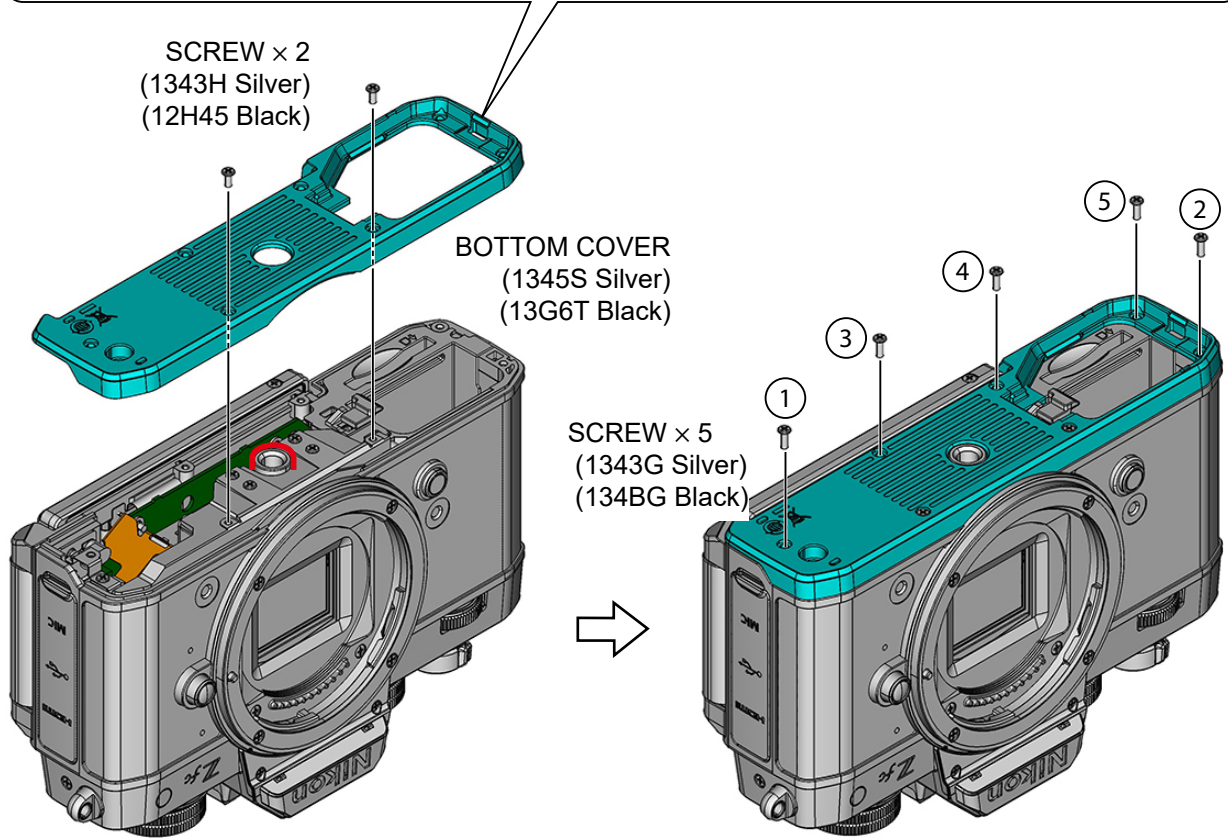
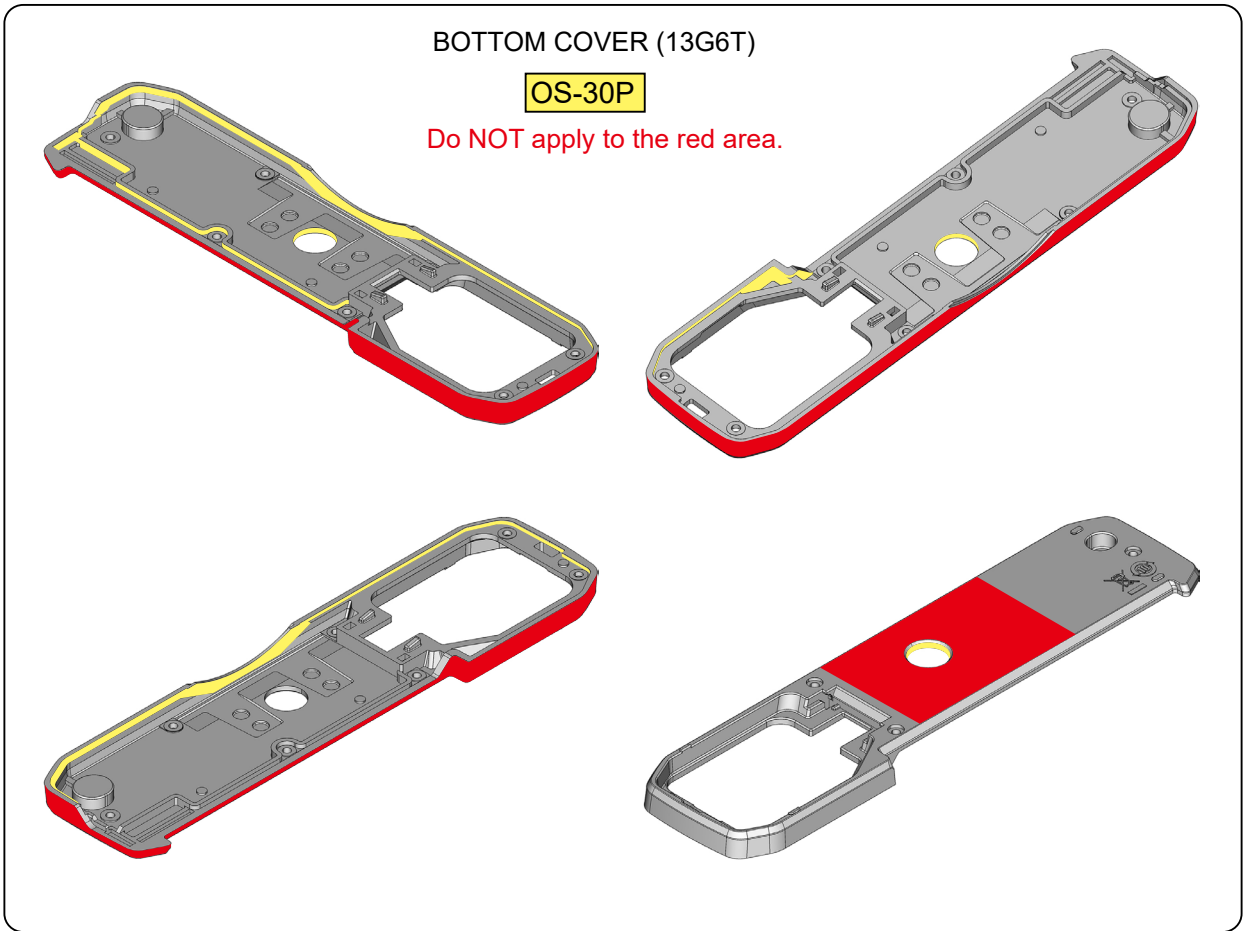
Blue area: Apply oil
 Red area: Oil protruding NG
 Yellow area: Oil protruding OK



REAR COVER UNIT



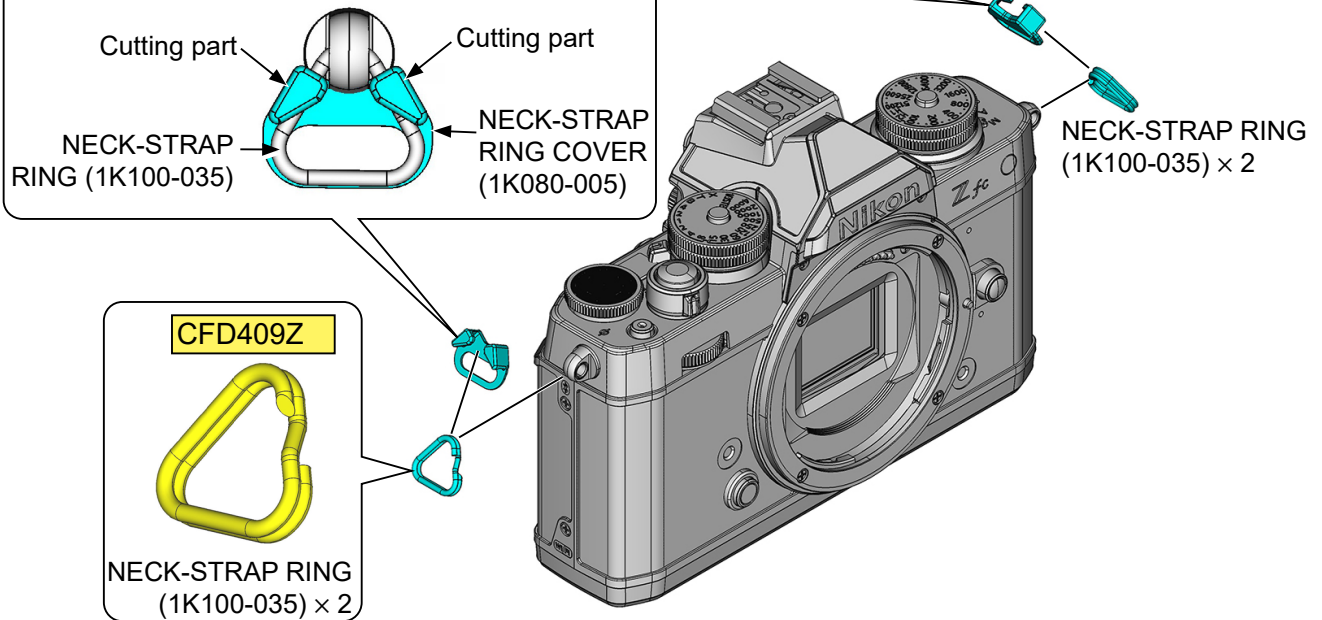
BOTTOM COVER



4. External parts

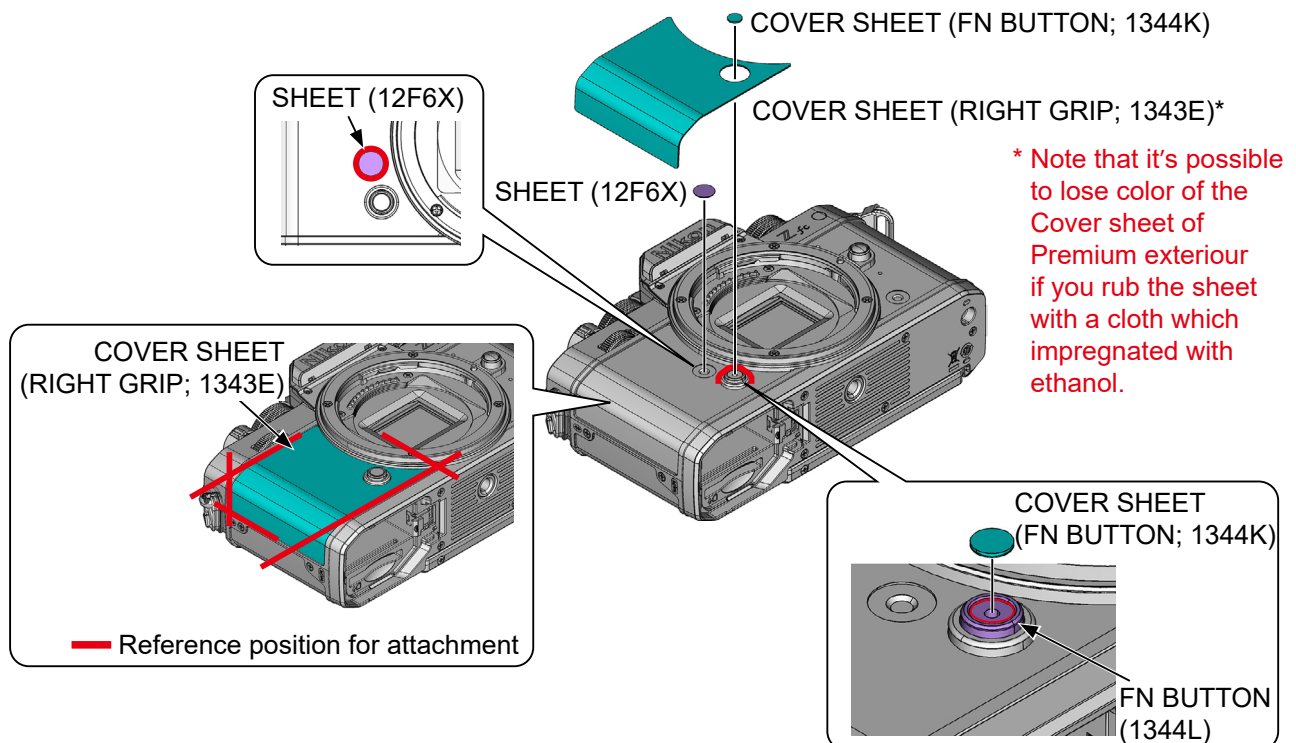
NECK-STRAP RING

The cutting part of the neck-strap ring (1K100-035) should be incorporated inside the neck-strap ring cover (1K080-005).

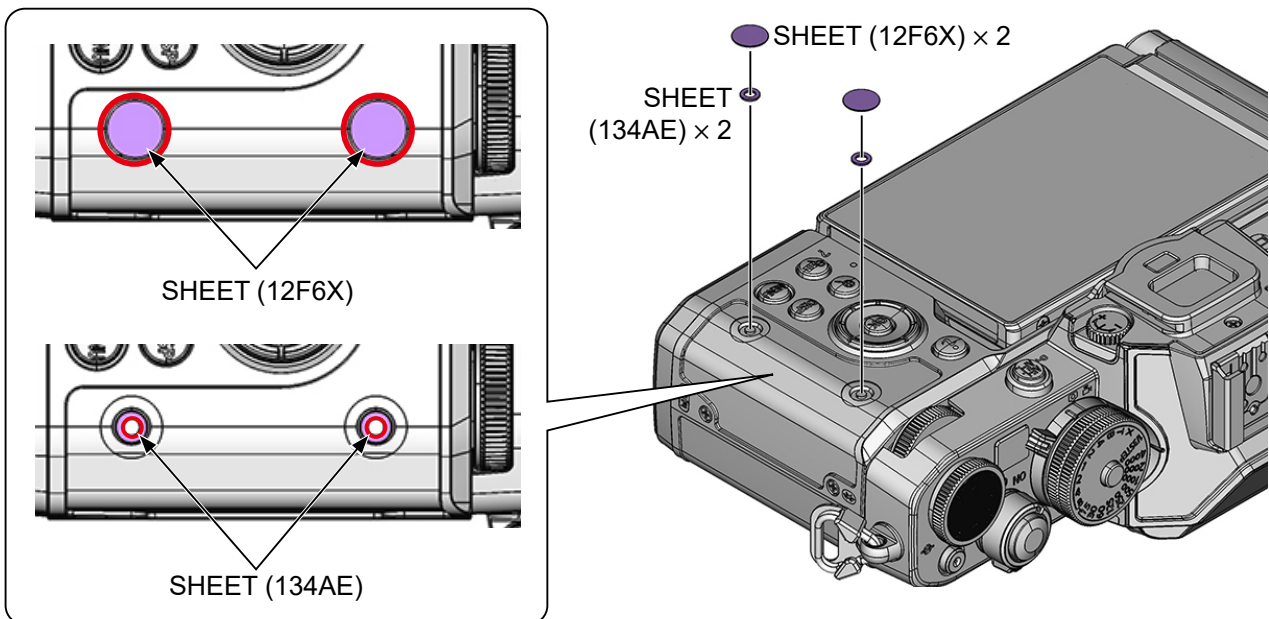
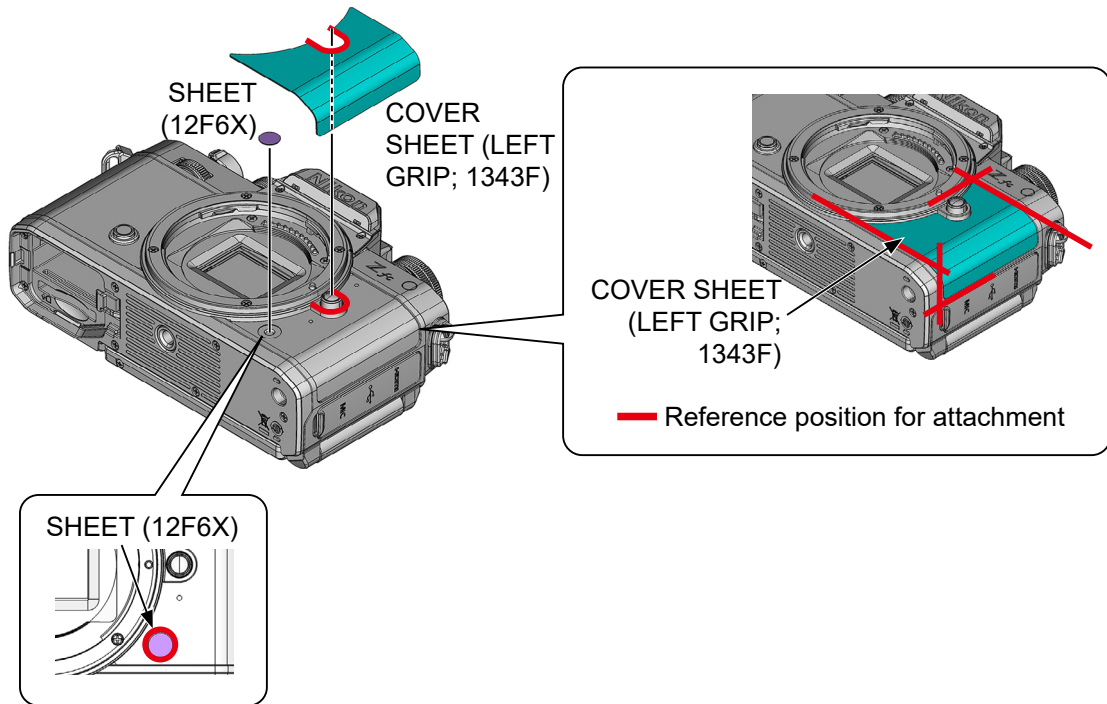


COVER SHEET

Confirm that there are no ripples or bend marks on the sheet (12F6X) before attaching. Press the entire surface of the cover sheet without any gaps to attach it.

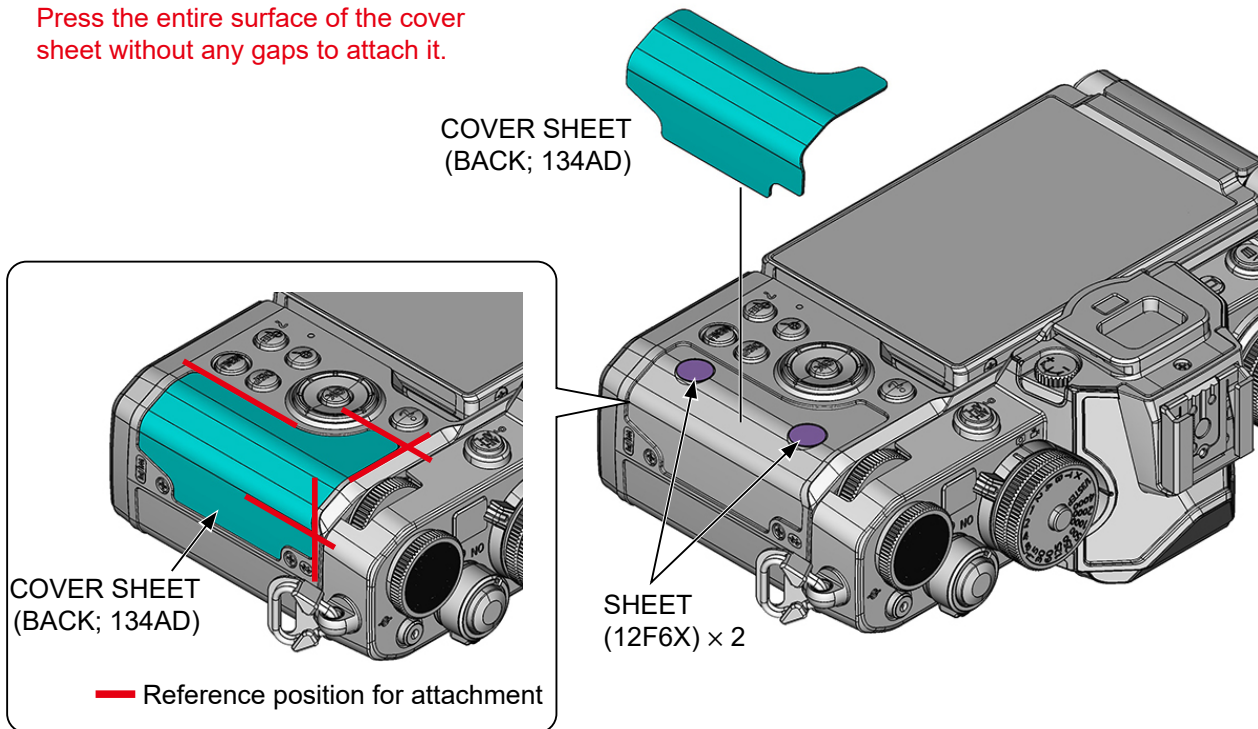


Confirm that there are no ripples or bend marks on the sheet (12F6X) before attaching.
Press the entire surface of the cover sheet without any gaps to attach it.

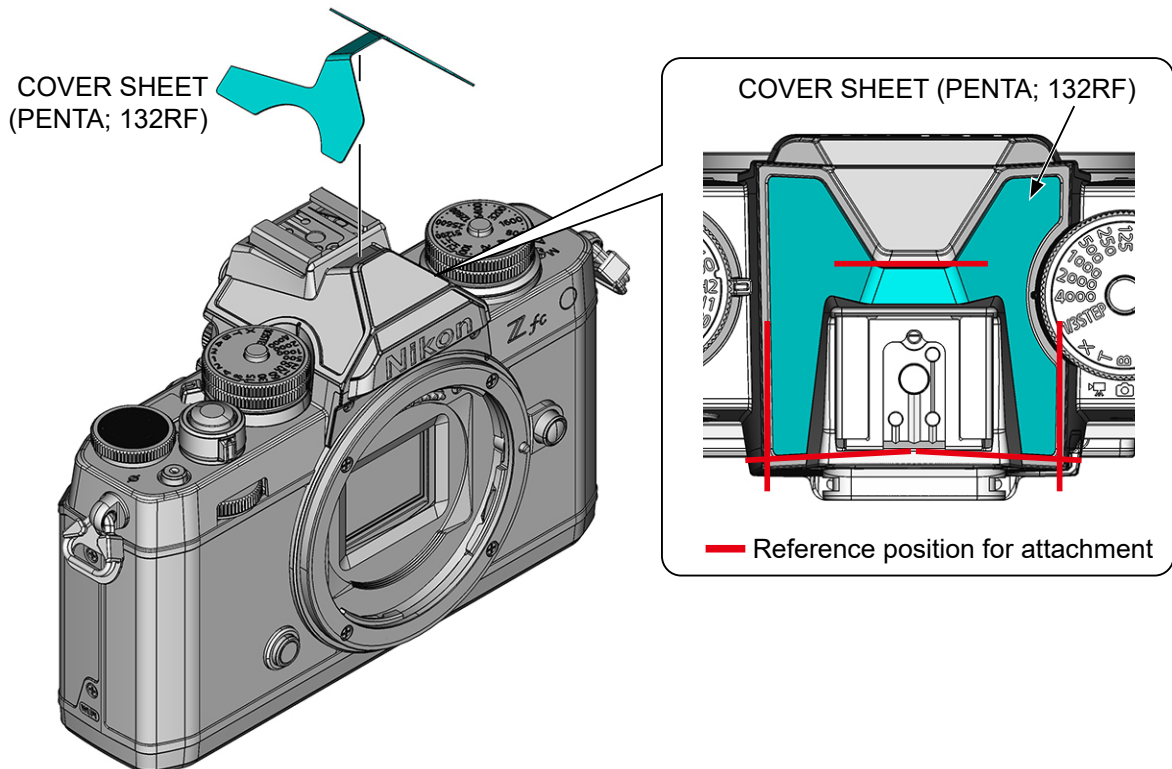


Confirm that there are no ripples or bend marks on the sheet (12F6X) before attaching.

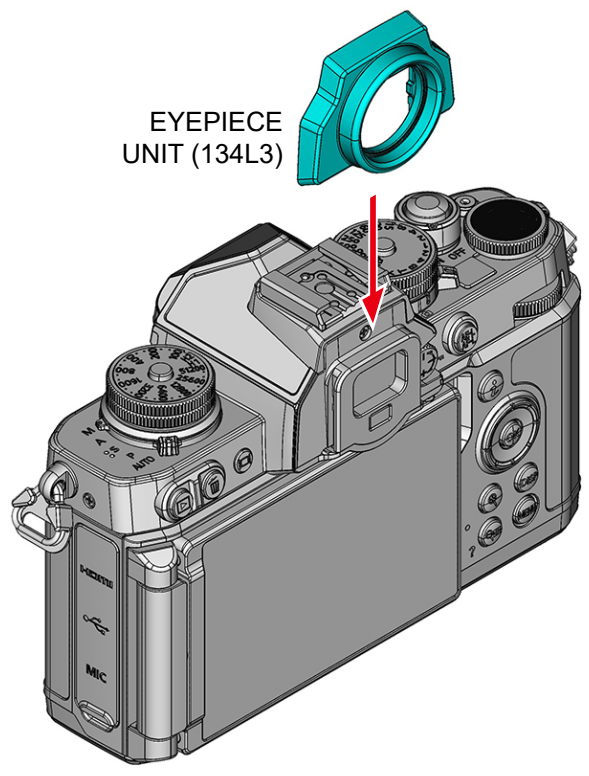
Press the entire surface of the cover sheet without any gaps to attach it.



Press the entire surface of the cover sheet without any gaps to attach it.

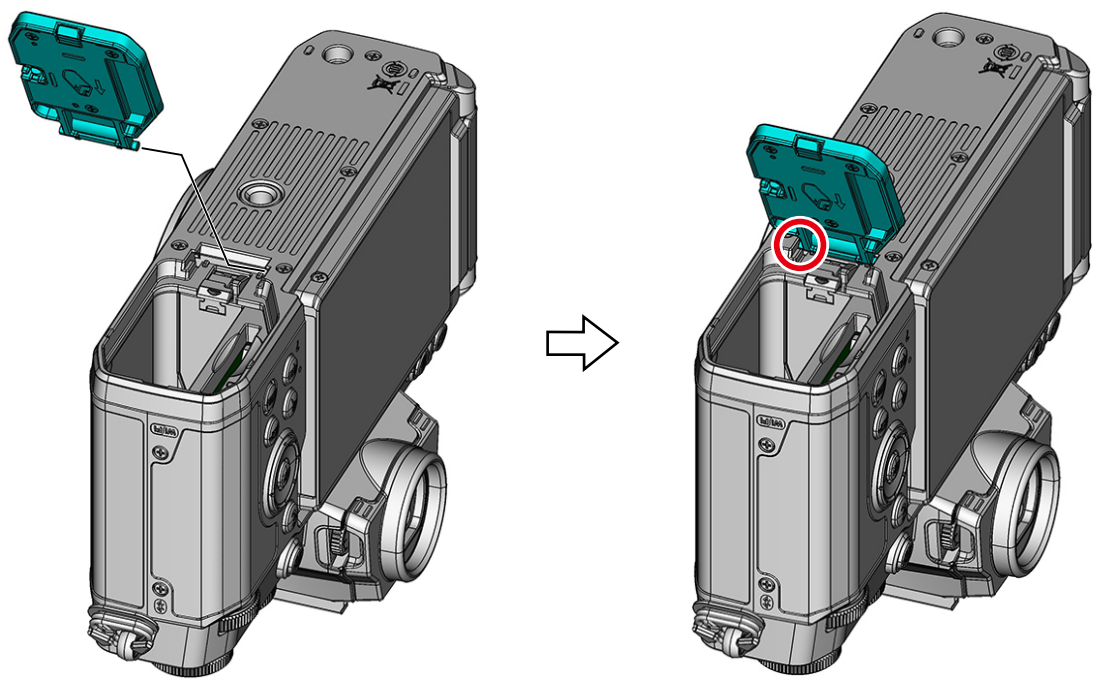


EYEPIECE UNIT

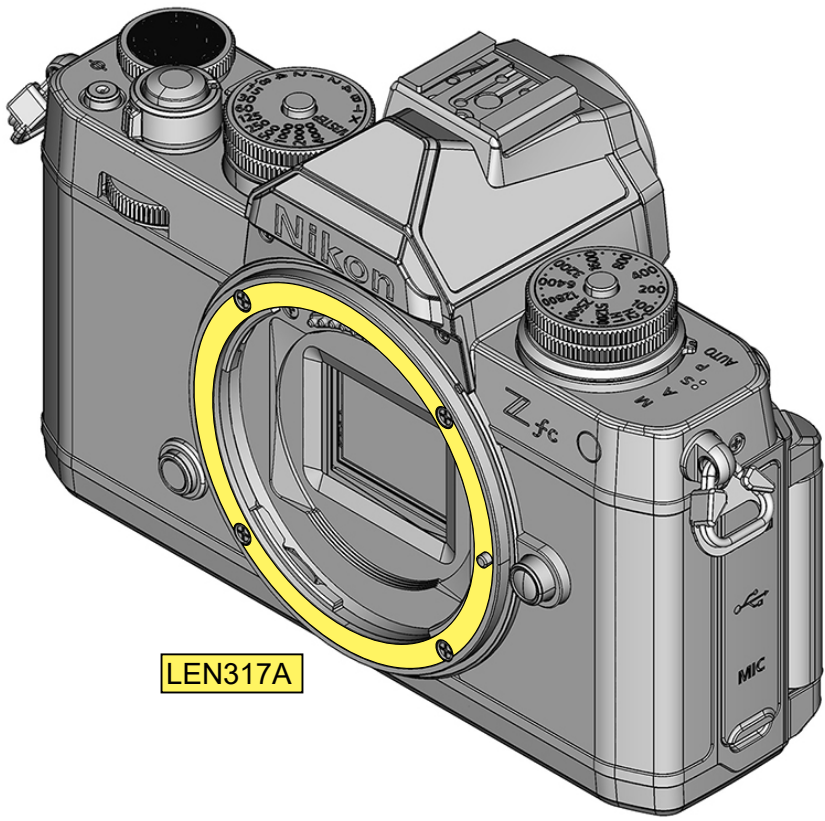
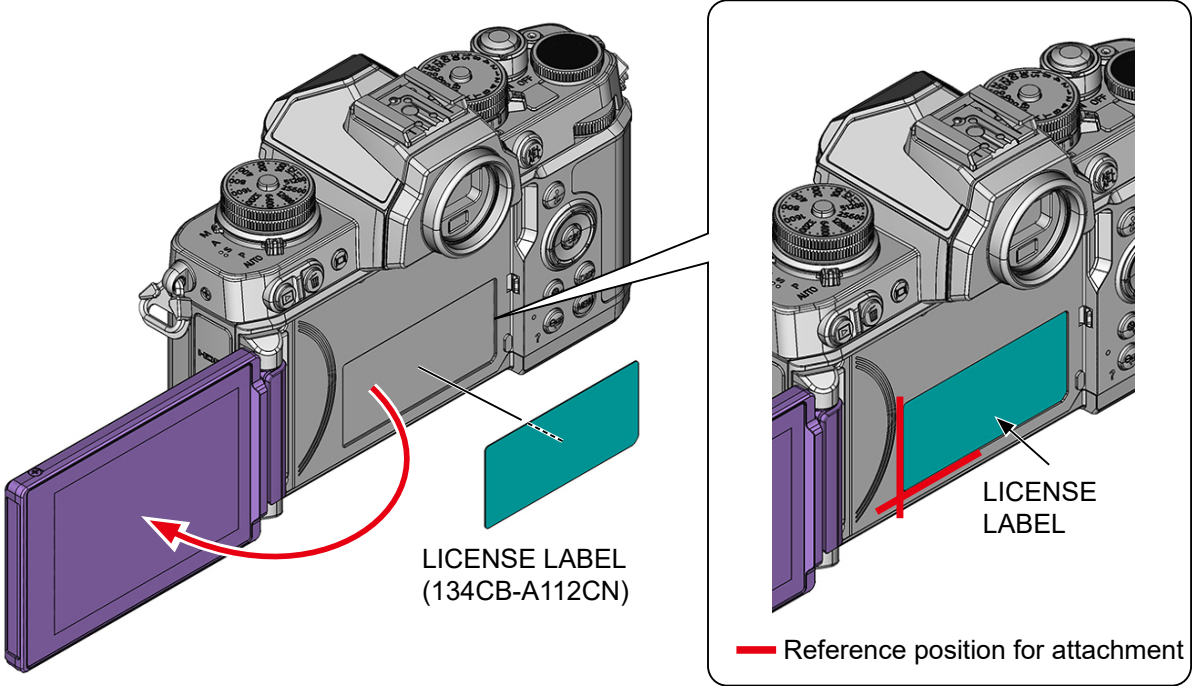


BATTERY CAP UNIT

BATTERY CAP UNIT
(135D3 Silver)
(13H7Z Black)



LICENSE LABEL



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.

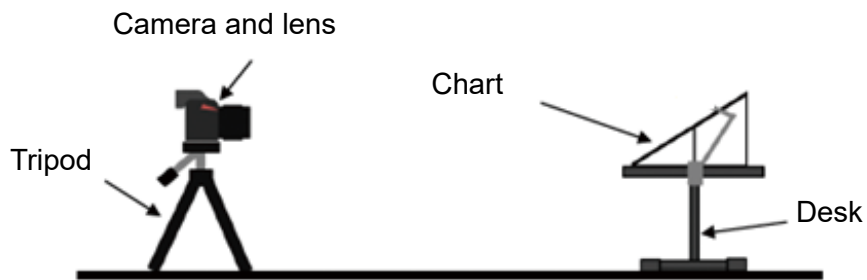
Shoot in a location that meets the following requirements:

- 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.



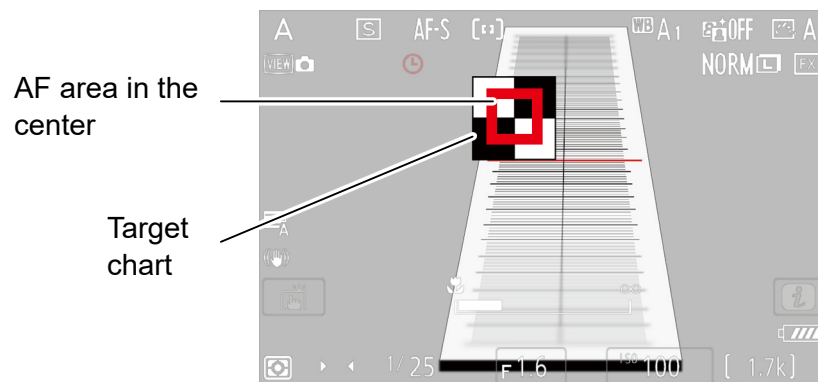
AF accuracy inspection

Follow the steps below to inspect the AF accuracy.

Inspection procedure

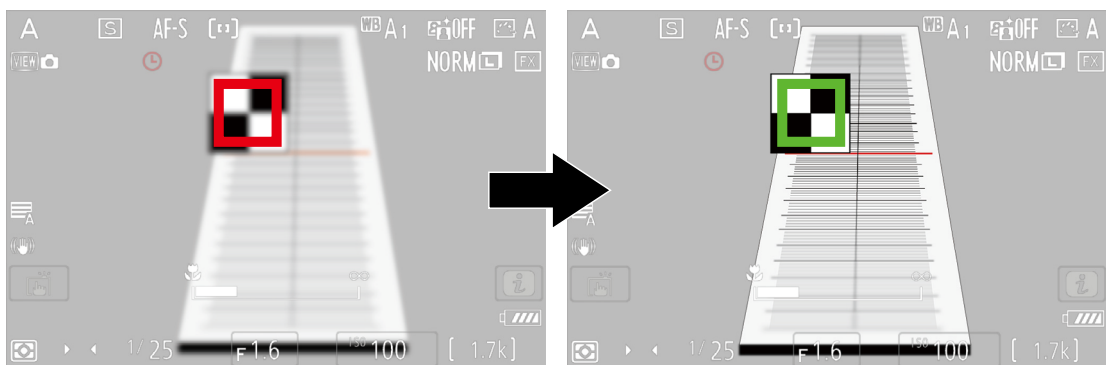
1 Adjust the camera position

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.



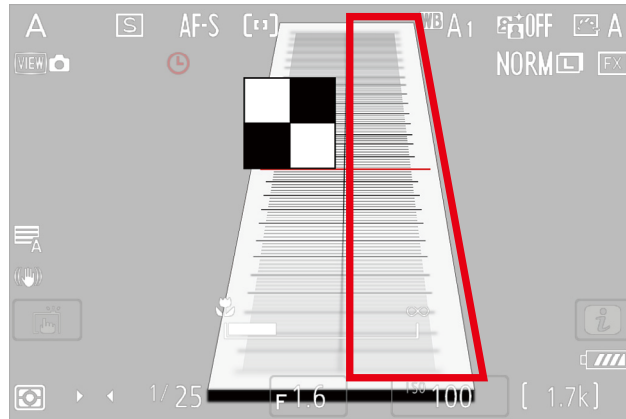
2 Check the focus

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.

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