DISASSEMBLY/ASSEMBLY

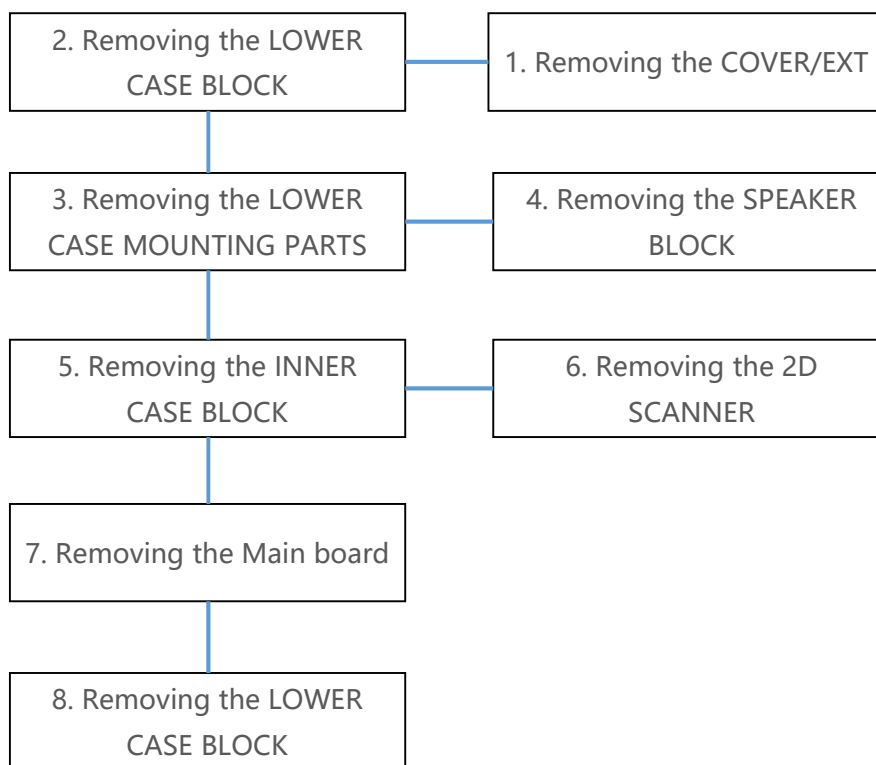## Precautions Before Disassembling Parts

- When reassembling the parts, reverse the disassembly procedures.
  If [Note on reassembling] is stated, be sure to follow it.
- Use the right screwdriver according to the screw diameter.
- When disassembling or reassembling parts, do not pinch or damage wires.
- When reassembling FPC (cable), be sure that its orientation is correct.
  The contacts of the FPC are on one sideonly.
- Adhesive tape is not reusable. Use the new one.

Tool list

The following tools are necessary when replacing maintenance parts.

No.	Item
1	#1 precision screwdriver (Phillips head)
2	Special screwdriver (Tri-wing head)
3	Tweezers

Flow

2. Removing the LOWER CASE BLOCK	1. Removing the COVER/EXT
3. Removing the LOWER CASE MOUNTING PARTS	4. Removing the SPEAKER BLOCK
5. Removing the INNER CASE BLOCK	6. Removing the 2D SCANNER
7. Removing the Main board	
8. Removing the LOWER CASE BLOCK	

1. Removing the COVER/EXT

Use a #1 precision screwdriver to remove the screws shown in S1 below.

IT-G600-C21
IT-G600-WC21
IT-G600-WC01

S1

IT-G600-C31
IT-G600-WC31

S1

PACKING/EXT

PACKING/EXT

COVER/EXT

COVER/EXT

2. Removing the LOWER CASE BLOCK

Turn the terminal over, turn the left and right battery pack cover lock switches to the "FREE" position and remove the battery pack cover.

Remove the microSD Card and rechargeable battery.

IT-G600-C21
IT-G600-WC21
IT-G600-WC01

IT-G600-C31
IT-G600-WC31

microSD Card

COVER ASSY/BATTERY

BATTERY

Use a Special screwdriver (Tri-wing head) to remove the screws shown in S2 below.

Use a Special #1 precision screwdriver to remove the screws shown in S3 and S4 below.

IT-G600-C21
IT-G600-WC21
IT-G600-WC01
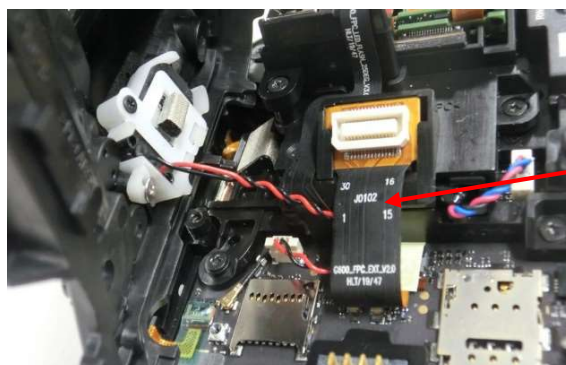
IT-G600-C31
IT-G600-WC31

S2 S2 S2 S2

S3 S3 S3 S3

S4 S4 S4 S4

O-ring
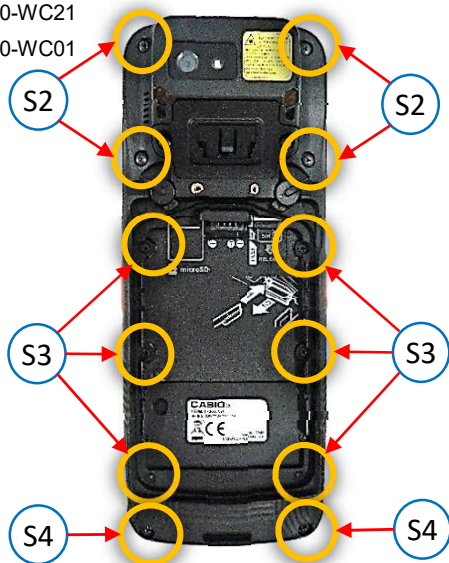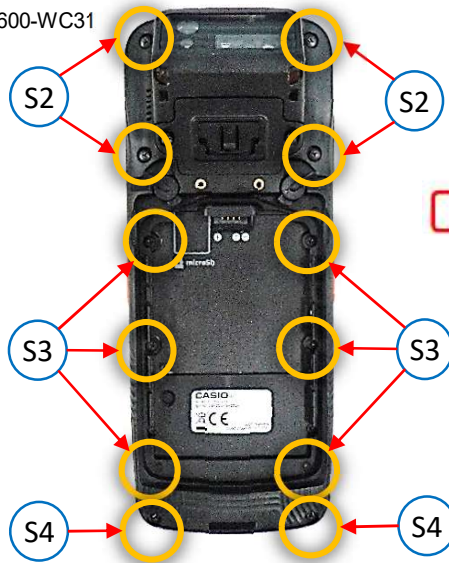
Remove the cable connector and remove the lower case.

* Do not raise the lower case directly.

  Be sure to remove it from the side of the volume key.

 *Note that cable is connected (red circle in the figure below)

*When assembling, pass the cable under the FPC.
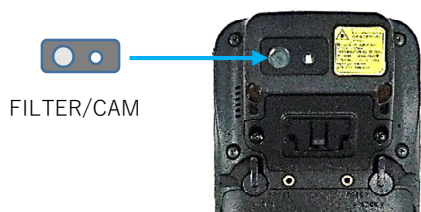
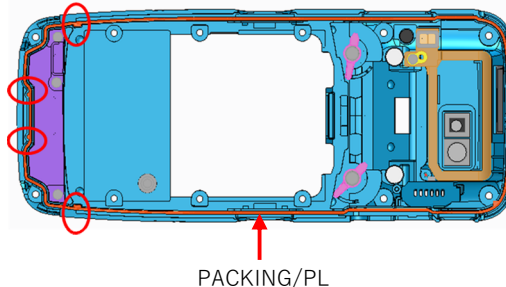# 3. Removing the LOWER CASE MOUNTING PARTS

IT-G600-C21
IT-G600-WC21

FILTER/2D

IT-G600-WC01

D-TAPE/SCBLIND
+ BLIND/SCAN
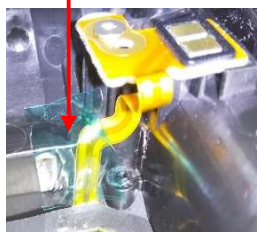
IT-G600-C21
IT-G600-WC21
IT-G600-WC01

FILTER/CAM

*Insert the convex parts of the packing into the respective slits in the case to secure them.

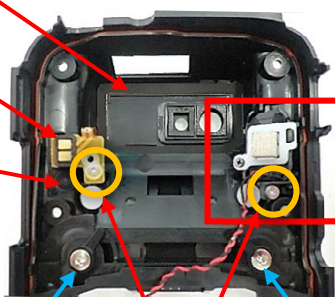PACKING/PL

TAPE-B/CONNECTOR
*Paste at the position
of the photo

FPC/NFCANT25

SHEET/NFC POGO
*Don't ride on the pad

FILTER/MIC

SPEAKER
BLOCK

SCREW

SCREW

HOOK-L/BATTERY

SCREW

HOOK-R/BATTERY

RING/LOCK/BATTERY

LOCK/BATTERY
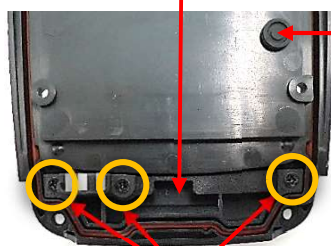
LOCK/BATTERY

RING/LOCK/BATTERY

*The number of dot marks of the cover lock switch should be the same as that on the case side.

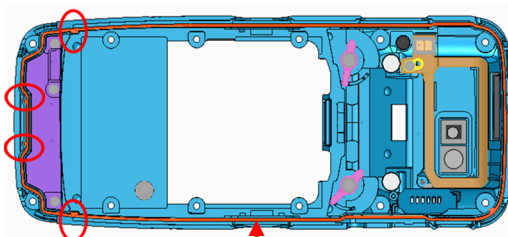Use a #1 precision screwdriver to remove the screws shown below.

ANTENNA/MAIN or
ANTENNA/MAIN/DUMMY

COVER/RESET

SCREW

— 4 —

IT-G600-C31
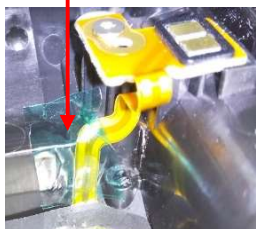
IT-G600-WC31

FILTER/2D

PACKING/PL

*Insert the convex parts of the packing into the respective slits in the case to secure them.

TAPE-B/CONNECTOR

*Paste at the position
of the photo

FPC/NFCANT25

*Paste at the position
of the photo

SHEET/NFC POGO

*Don't ride on the pad

FILTER/MIC

SPEAKER
BLOCK

SCREW

SCREW

HOOK-L/BATTERY

HOOK-R/BATTERY

SCREW

RING/LOCK/BATTERY   LOCK/BATTERY

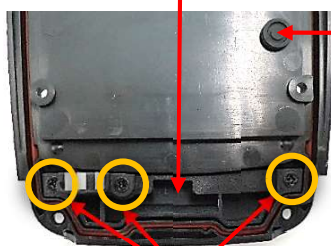LOCK/BATTERY   RING/LOCK/BATTERY

*The number of dot marks of the cover lock switch should be the same as that on the case side.

Use a #1 precision screwdriver to remove the screws shown below.

ANTENNA/MAIN or
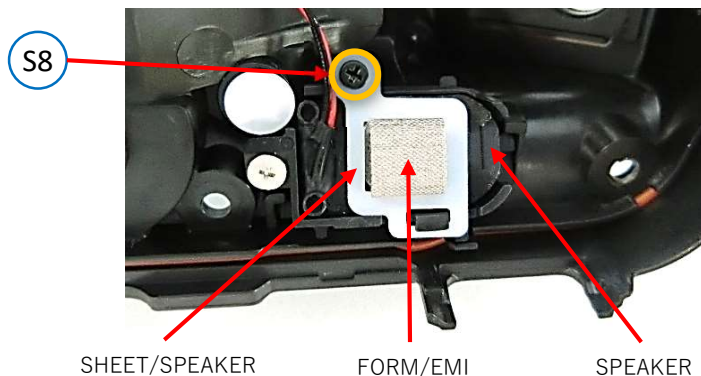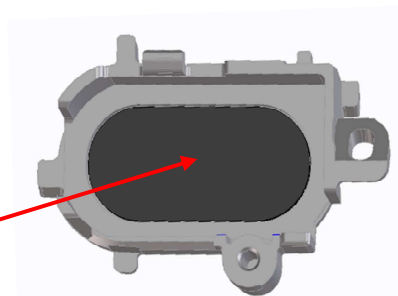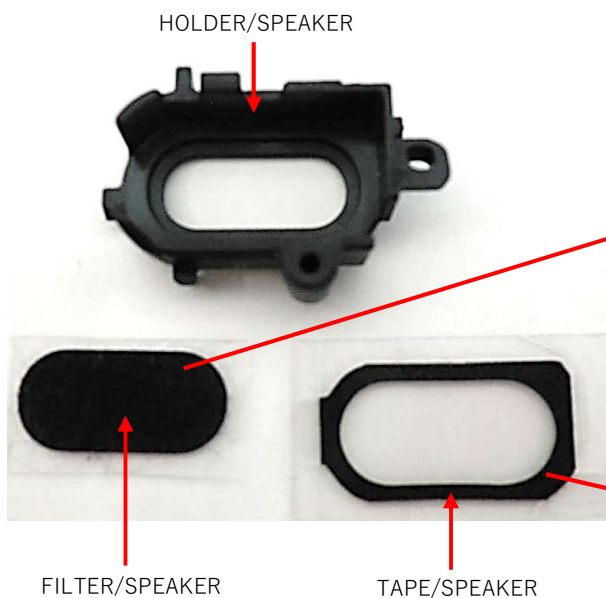ANTENNA/MAIN/DUMMY

COVER/RESET

SCREW

4. Removing the SPEAKER BLOCK

IT-G600-C21
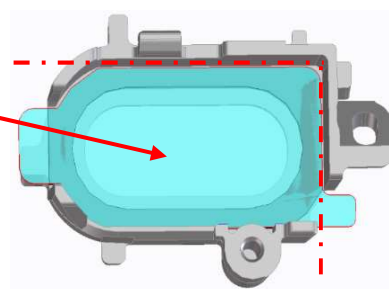IT-G600-WC21
IT-G600-WC01
IT-G600-C31
IT-G600-WC31

Use a #1 precision screwdriver to remove the screws shown below.
Remove the SHEET/SPEAKER and remove the speaker.
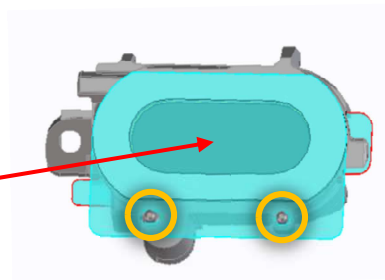Attach the FORM/EMI to the center of the hole in the SHEET/SPEAKER.

S8

SHEET/SPEAKER   FORM/EMI   SPEAKER

Assembling the speaker holder

HOLDER/SPEAKER

Paste FILTER/SPEAKER
on HOLDER/SPEAKER

FILTER/SPEAKER   TAPE/SPEAKER

Paste TAPE/SPEAKER
on HOLDER/SPEAKER

HOLDER/SPEAKER

Paste D-TAPE/SPEAKER
on HOLDER/SPEAKER

D-TAPE/SPEAKER

5. Removing the INNER CASE BLOCK

IT-G600-C21
IT-G600-WC21
IT-G600-WC01
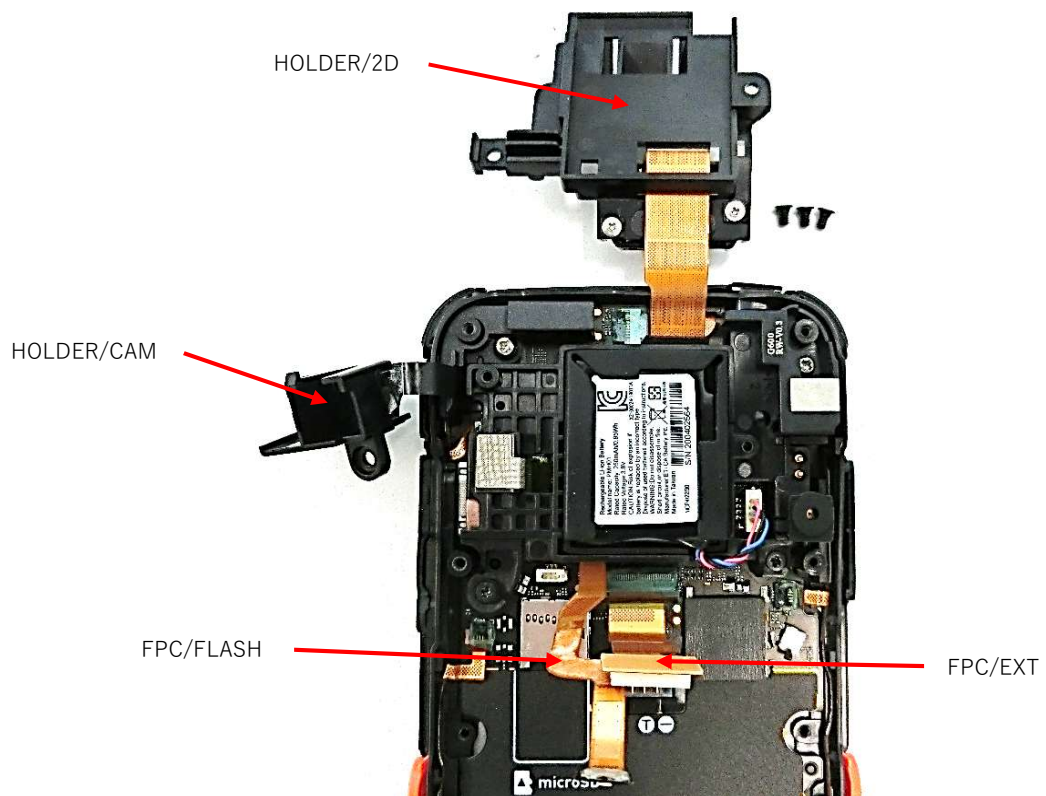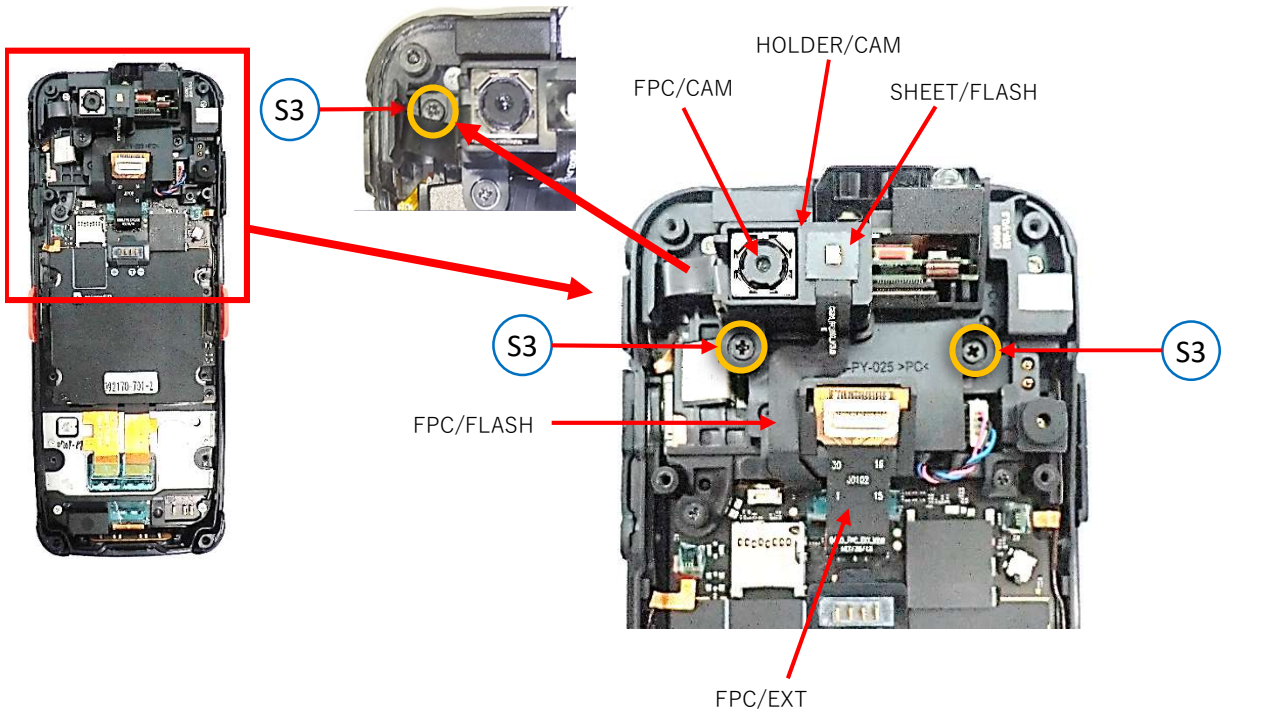
Use a # 1 precision screwdriver to remove the screws shown in S3 below.

Remove SHEET/FLASH and remove FPC/FLASH.

Slide the FPC/EXT up to remove it.
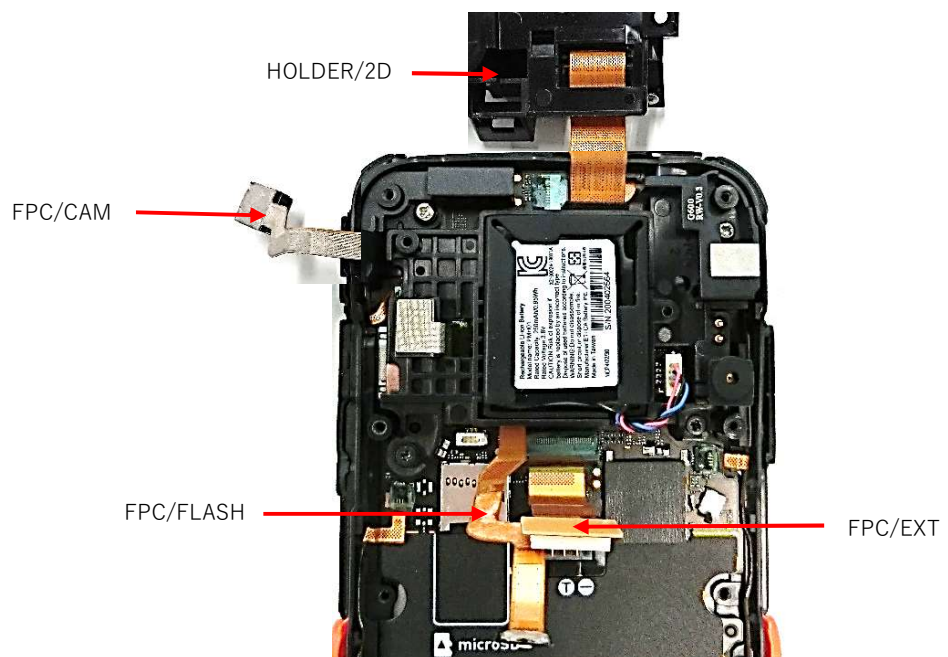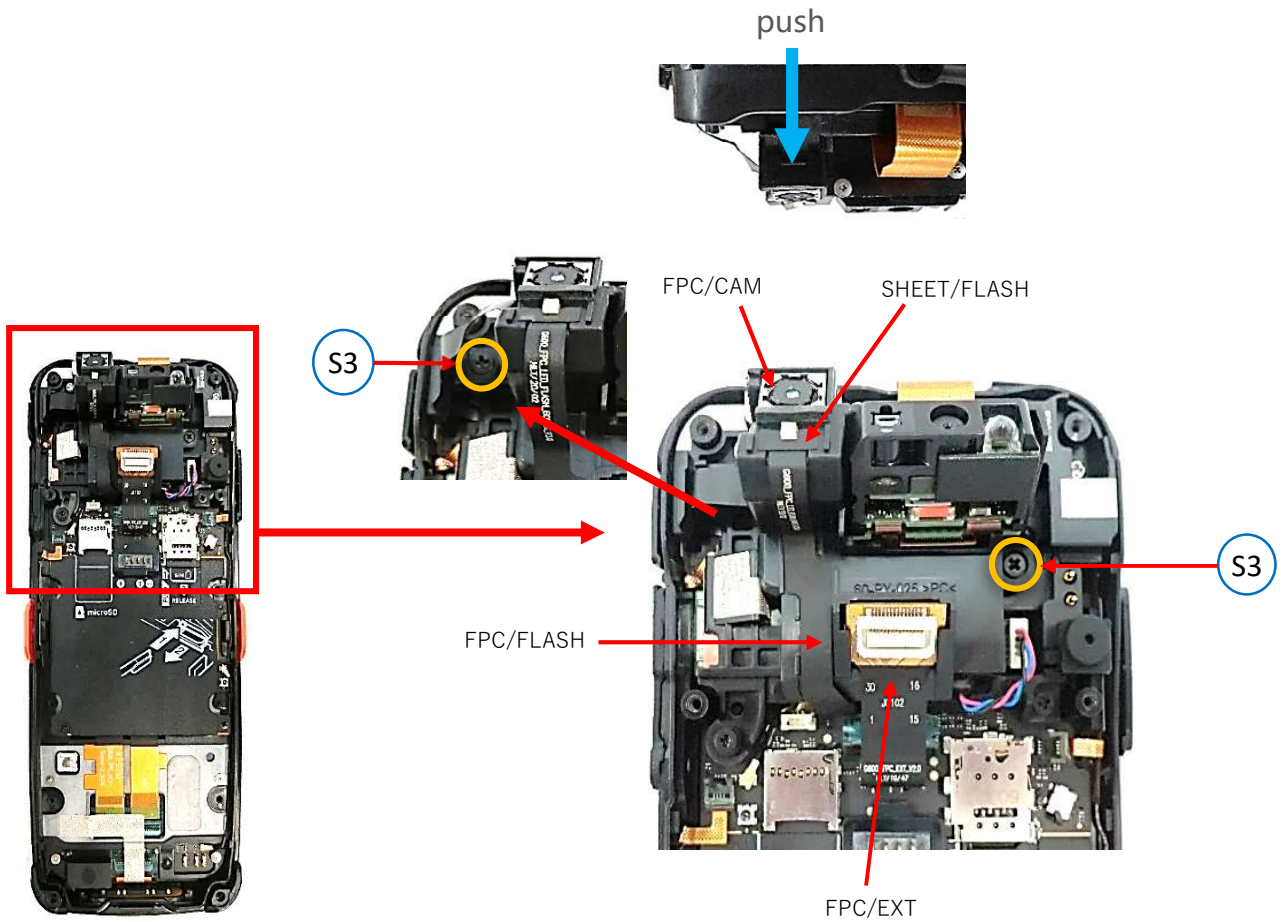

S3

HOLDER/CAM

FPC/CAM

SHEET/FLASH

S3

S3

FPC/FLASH

FPC/EXT

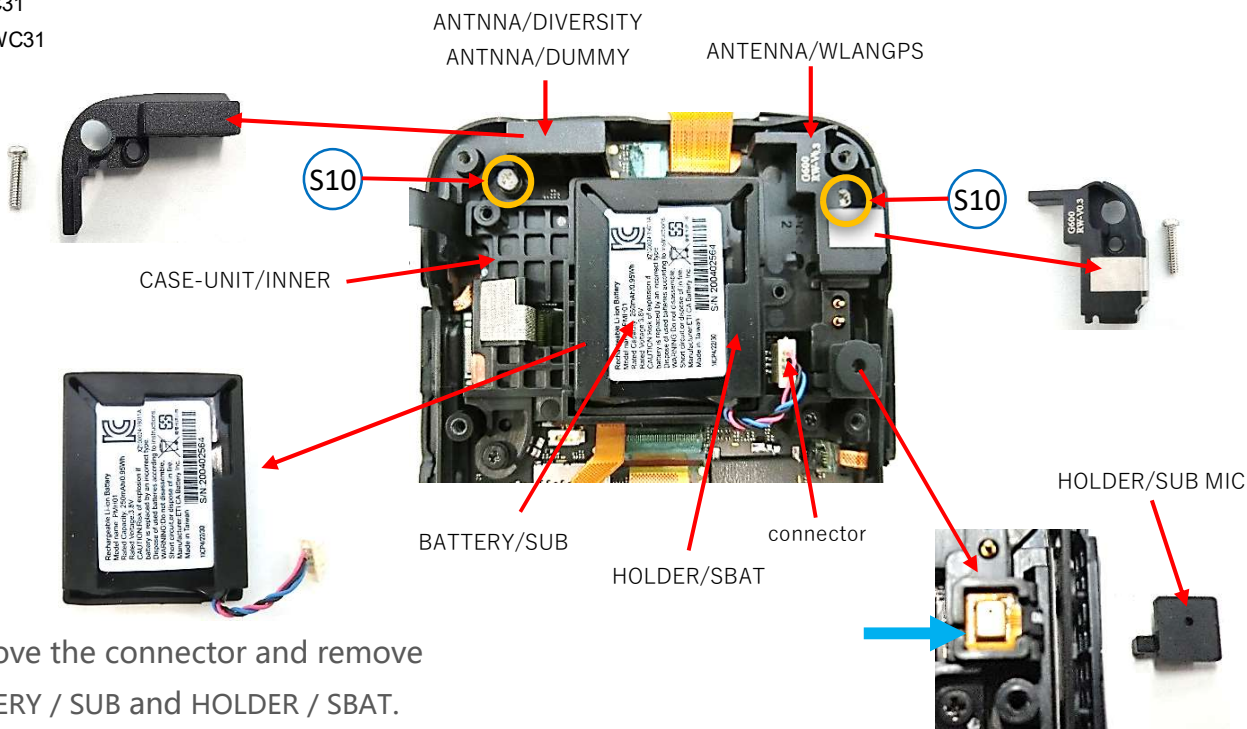HOLDER/2D

HOLDER/CAM

FPC/FLASH

FPC/EXT

IT-G600-C31
IT-G600-WC31

Use a # 1 precision screwdriver to remove the screws shown in S3 below.

Push and remove the FPC / CAM through the gap indicated by the blue arrow.

Remove CUSHION/CLED and SHEET/FLASH and remove FPC/FLASH.

Slide the FPC/EXT up to remove it.

push

S3

FPC/CAM   SHEET/FLASH

S3

FPC/FLASH

FPC/EXT

HOLDER/2D

FPC/CAM

FPC/FLASH   FPC/EXT
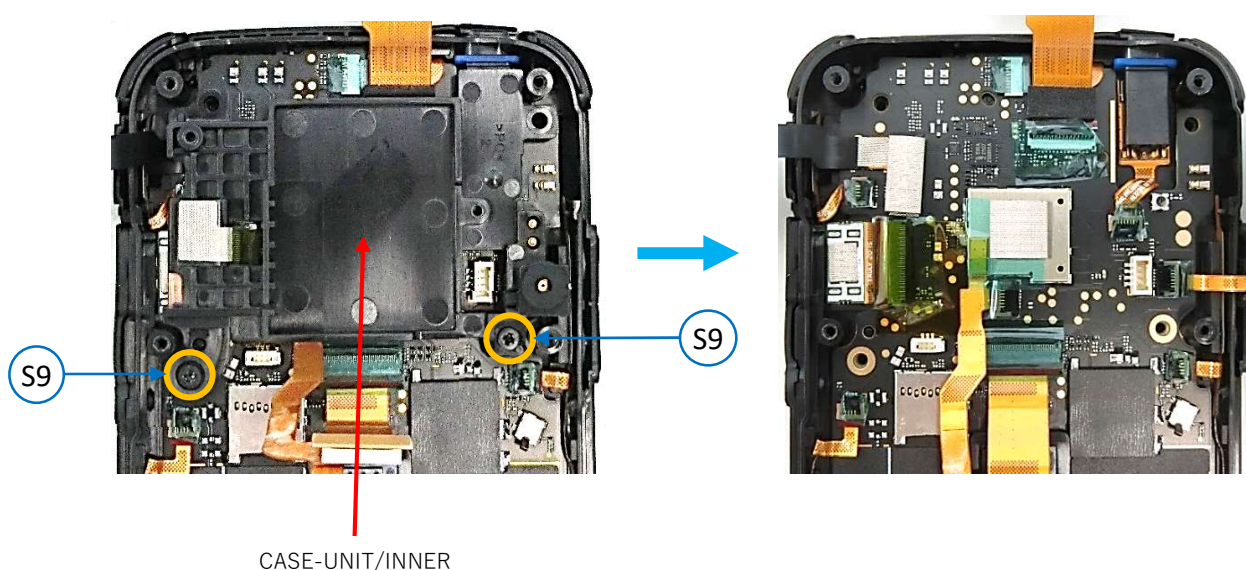
IT-G600-C21
IT-G600-WC21
IT-G600-WC01
IT-G600-C31
IT-G600-WC31

Use a # 1 precision screwdriver (+) to remove the S10 screw shown below.
Remove ANTNNA / DIVERSITY , ANTNNA / DUMMY and ANTENNA / WLANGPS.

ANTNNA/DIVERSITY
ANTNNA/DUMMY

ANTENNA/WLANGPS

S10

S10

CASE-UNIT/INNER

HOLDER/SUB MIC

BATTERY/SUB

connector

HOLDER/SBAT

Remove the connector and remove
BATTERY / SUB and HOLDER / SBAT.

Insert tweezers etc. into the blue
arrow and remove it.

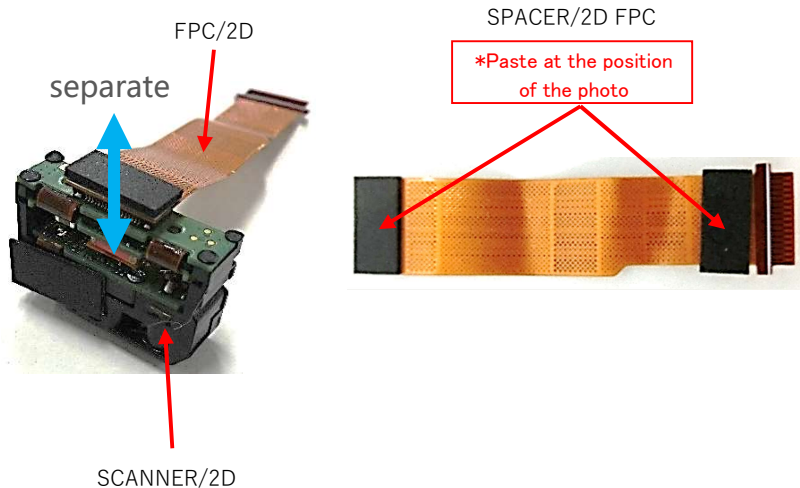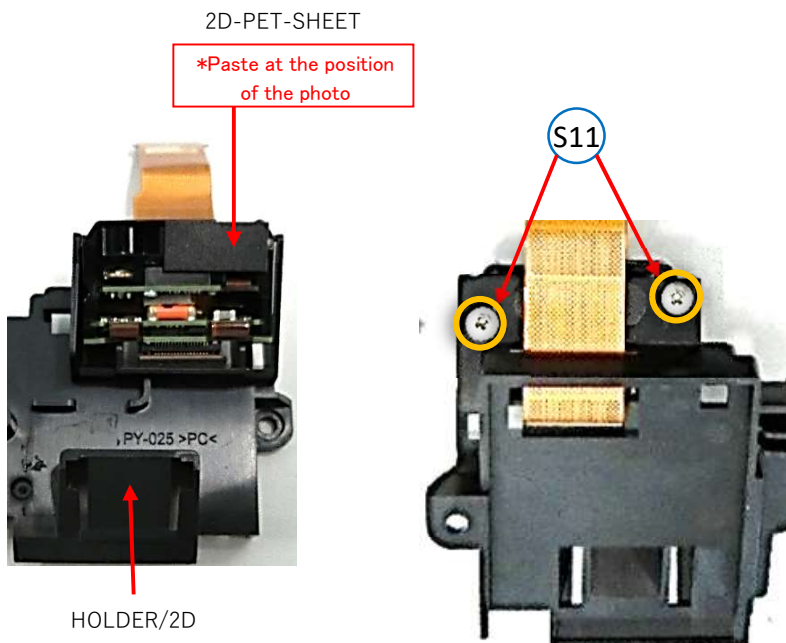Use a # 1 precision screwdriver (+) to remove the S9 screw shown below.
Remove CASE-UNIT/INNER.

S9

S9

S9

CASE-UNIT/INNER

6. Removing the 2D SCANNER

IT-G600-C21
IT-G600-WC21
IT-G600-WC01
IT-G600-C31
IT-G600-WC31

Use a # 1 precision screwdriver (+) to remove the S11 screw shown below.
Remove SCANNER/2D.

2D-PET-SHEET

*Paste at the position of the photo

S11

PY-025 >PC<

HOLDER/2D

FPC/2D

SPACER/2D FPC

separate

*Paste at the position of the photo
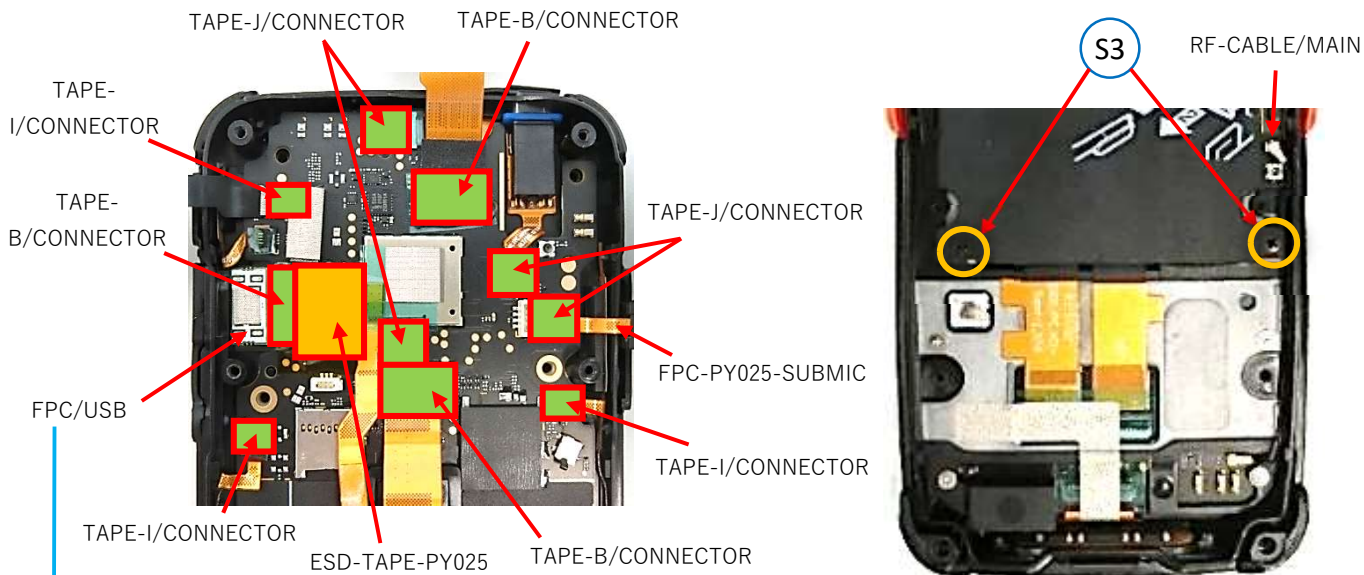
SCANNER/2D

7. Removing the Main board

IT-G600-C21
IT-G600-WC21
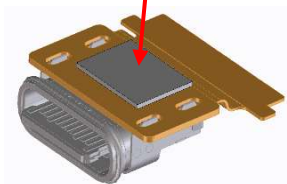IT-G600-WC01
IT-G600-C31
IT-G600-WC31

Remove the tapes and remove each FPC.

Disconnect the RF-CABLE/MAIN connector.

Use a # 1 precision screwdriver (+) to remove the S3 screw shown below.

TAPE-J/CONNECTOR TAPE-B/CONNECTOR

S3   RF-CABLE/MAIN

TAPE-I/CONNECTOR

TAPE-B/CONNECTOR

TAPE-J/CONNECTOR

FPC-PY025-SUBMIC

FPC/USB

TAPE-I/CONNECTOR

TAPE-I/CONNECTOR

ESD-TAPE-PY025   TAPE-B/CONNECTOR

FORM/EMI-B

*Paste at the position of the photo

Turn the main board over to the left.

Remove the tapes and remove each FPC.

Remove PCB ASSY/MAIN.

PCB ASSY/MAIN

TAPE-B/CONNECTOR

TAPE-C/CONNECTOR
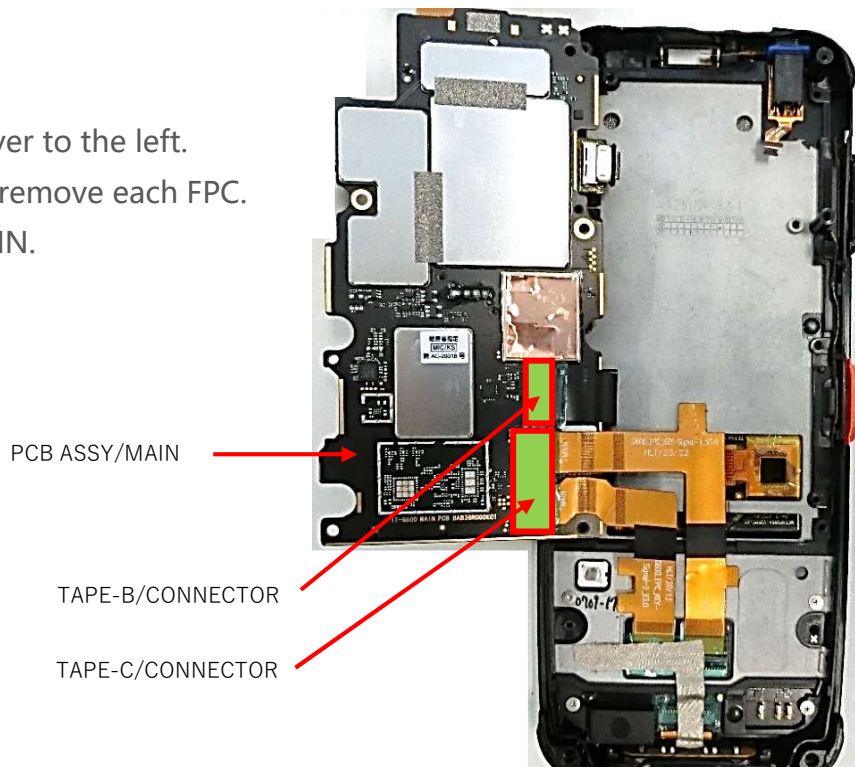
8. Removing the LOWER CASE BLOCK

The following parts are attached to the U-CASE and cannot be disassembled any further.
- ・TOUCH PANEL　　　・LCD MODULE　　　　　　・RECEIVER
- ・KEY　　　　　　　　・KEY-PCB　　　　　　　　・KEY-FPC
- ・SIDE-KEY-FPC　　　・Illuminance /Proximity Sensor　・Power Supply/Data Terminals

The following parts are not included in the upper case assembly.

Attach when replacing the upper case assembly.
- ・SIDE-KEYS
- ・CORNER PARTS(DAMPER)
- ・CONNECTER CAPS(EARPHONE JACK、USB CONNECTER)

IT-G600-C21
IT-G600-WC21
IT-G600-WC01
IT-G600-C31
IT-G600-WC31

Use a # 1 precision screwdriver (+) to remove the S12 screw shown below.

S12　　CAP/PHONE

DAMPER/TOP-R　　　　DAMPER/TOP-L

CASE-UNIT/UPPER

PACKING/PHONE

FPC/EARJACK

B-DAMPER-R-PY025　　　B-DAMPER-L-PY025

－ 12 －

IT-G600-C21
IT-G600-WC21
IT-G600-WC01
IT-G600-C31
IT-G600-WC31

Use a # 1 precision screwdriver (+) to
remove the S12 screw shown below.

CAP/USB   S12

KEY/POWER

KEY/SIDE

RUBBER/KEY

KEY/SIDE

KEY/VOLUME
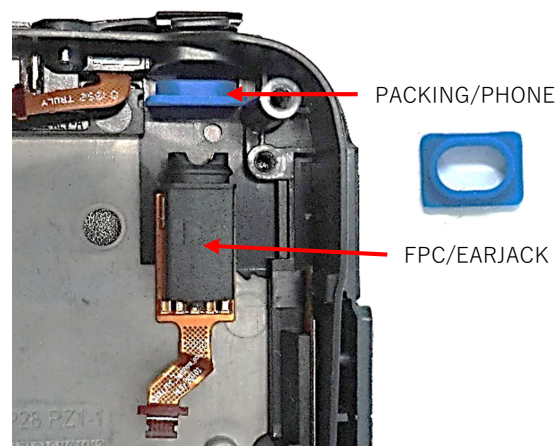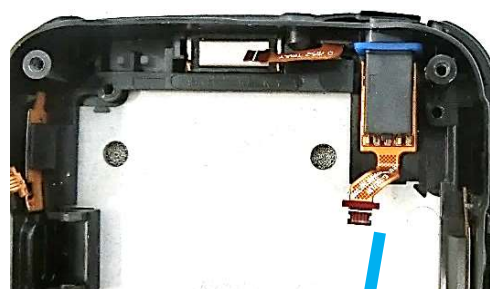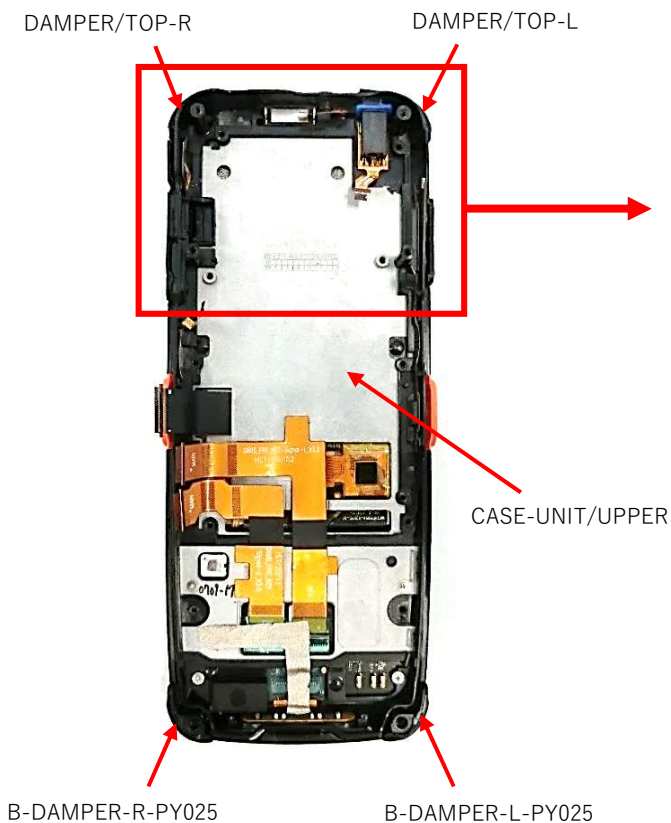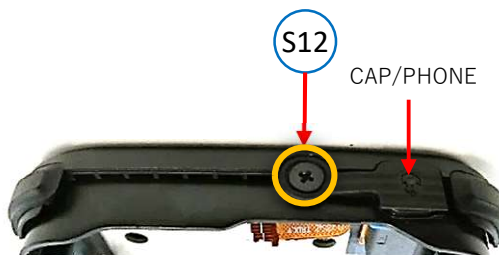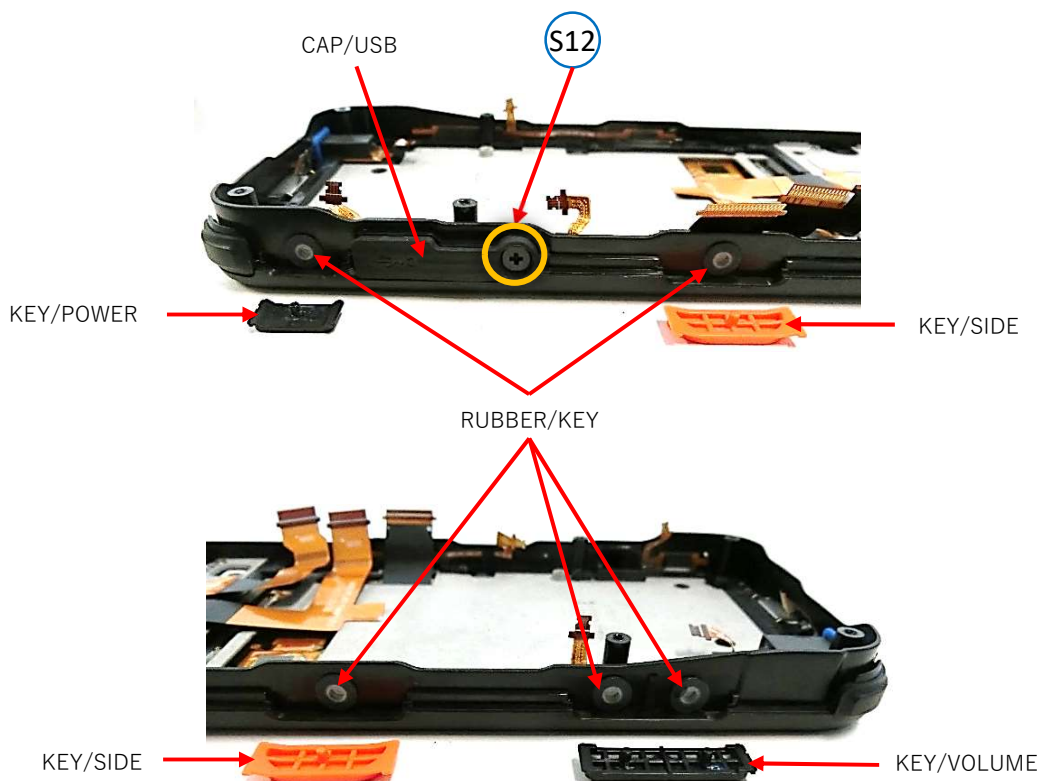
How to attach the key
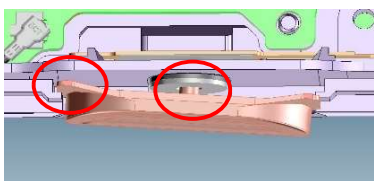
Insert the left side of the key into
the groove on the upper case.
Fit the round pin in the center into
the hole in the S-KEY-RUBBER.
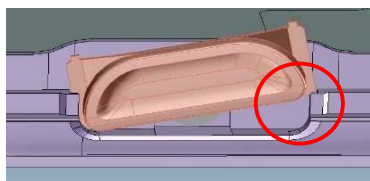
While maintaining the state shown on the left,
raise the right side of the key and insert it into the
groove of the upper case and lower it.