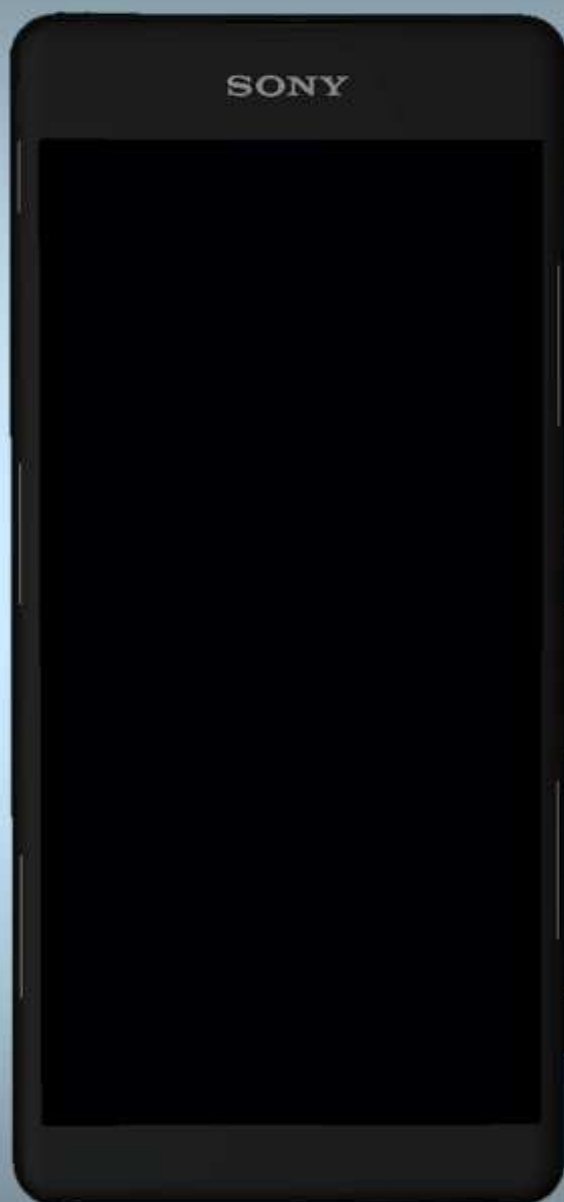


Working Instructions

- mechanical -



Xperia™ XA

F3111, F3112, F3113, F3115, F3116

CONTENTS

1	Exterior Views.....	6
1.1	F3111/F3112/F3113/F3115/F3116.....	6
2	Tools	7
3	Mandatory Replacement Parts List	10
4	Disassembly.....	11
4.1	SIM Tray Single(F3111/F3113/F3115)/SIM Tray Dual(F3112/F3116)	12
4.2	Battery Cover Assy	13
4.3	Antenna Assy DIV/BT/WIFI/GPS.....	17
4.4	Conductor Foil Front Camera.....	18
4.5	Front Camera.....	18
4.6	Adhesive Sponge Front Camera	19
4.7	Film Mylar Audio Jack FPC	19
4.8	Film Kapton Audio Jack	19
4.9	Main PBA	20
4.10	CU Label Tray	23
4.11	Rubber PL Sensor.....	23
4.12	Audio Jack Assy	23
4.13	Main Antenna Speaker Assy	24
4.14	Rubber Main MIC(a) and Display Cover Assy(b).....	26
5	Replacement	27
5.1	Adhesive Sponge Front Camera	27
5.2	Antenna Assy DIV/BT/WIFI/GPS.....	27
5.3	Audio Jack Assy	27
5.4	Battery Cover Assy	27
5.5	Conductor Foil Front Camera.....	28
5.6	CU Label Tray	28
5.7	Film Kapton Audio Jack	28
5.8	Film Mylar Audio Jack FPC	28
5.9	Front Camera.....	29
5.10	Main Antenna Speaker Assy	29
5.11	Rubber Main MIC.....	29
5.12	Rubber PL Sensor.....	29
5.13	SIM Tray Dual (F3112/F3116).....	30
5.14	SIM Tray Single (F3111/F3113/F3115)	30
5.15	Display Cover Assy.....	30
5.16	Adhesive Battery Cover Bottom	31
5.17	Adhesive Battery Cover Left and Adhesive Battery Cover Right ...	32
5.18	Adhesive Battery Cover Top	33
5.19	Adhesive Camera Key FPC.....	34

5.20	Adhesive LCM Left Side	35
5.21	Adhesive LCM Right Side.....	36
5.22	Adhesive Main Camera	37
5.23	Adhesive NFC.....	38
5.24	Adhesive Power_Volume Key FPC	39
5.25	Adhesive Side Deco Left	40
5.26	Adhesive Side Key FPC_A.....	41
5.27	Adhesive Side Key FPC_B.....	42
5.28	Battery, Film Mylar Battery Left and Film Mylar Battery Right.....	43
5.29	Cap SIM/SD	46
5.30	Conductive Gasket Audio Jack.....	47
5.31	Conductive Gasket Main Camera Bracket.....	48
5.32	Conductive Tape Front Camera	49
5.33	Conductor Foil Battery Cover and NFC Antenna.....	50
5.34	Conductor Tape Sub PBA.....	51
5.35	CU Label	52
5.36	Key Camera	54
5.37	Key Power_Volume	55
5.38	Main Camera.....	56
5.39	Main Camera Lens Assy	57
5.40	Receiver and Adhesive Receiver	58
5.41	RF Cable	60
5.42	Rubber 2nd MIC.....	62
5.43	Rubber Audio Jack BTB Connector.....	63
5.44	Rubber Front Camera BTB Connector	64
5.45	Rubber LCM TP BTB Connector	65
5.46	Rubber Main Camera BTB Connector	66
5.47	Rubber Sub PBA BTB Connector	67
5.48	Side Deco Left	68
5.49	Side Deco Right and Washer Nylon Screw	70
5.50	Side Key FPC Assy	73
5.51	Sponge Main Camera BTB Connector	76
5.52	Sponge Speaker_Main MIC.....	77
5.53	Sub PBA Assy	78
5.54	Water Intrusion Label.....	81
5.55	Water Intrusion Label Rectangle.....	82
5.56	Board Swap – Replacement	83
5.57	Board Swap – Change Label	83
5.58	Board Swap – Customize of Software	83
6	Reassembly.....	84
6.1	Rubber Main MIC.....	85

6.2	Display Cover Assy(a) and Main Antenna Speaker Assy(b)	85
6.3	Audio Jack Assy	86
6.4	Rubber PL Sensor	87
6.5	CU Label Tray	87
6.6	Main PBA	87
6.7	Film Kapton Audio Jack	90
6.8	Film Mylar Audio Jack FPC	90
6.9	Adhesive Sponge Front Camera	91
6.10	Front Camera.....	91
6.11	Conductor Foil Front Camera.....	91
6.12	Antenna Assy DIV/BT/WIFI/GPS.....	92
6.13	Battery Cover Assy	92
6.14	SIM Tray Single(F3111/F3113/F3115)/SIM Tray Dual(F3112/F3116)	95
7	Revision History	97

**For general information about mechanical repair related issues, refer to
1220-1333: Generic Repair Manual - mechanical**

Always firstly disconnect the Battery connector to cut off power supply when the Battery Cover Assy is disassembled.

Always finally connect the Battery connector before the Battery Cover Assy is reassembled.

If there are no special indications of 'F3111, F3112, F3113, F3115 or F3116', F3111, F3112, F3113, F3115 and F3116 share the same repair method as common sections, whose pictures are used with E3111.

In order to make the repair time and cost saving, some parts replacement do not need to follow disassembly and reassembly orders in sequence, so the reference information of those parts replacement will skip some chapters, such as:

Follow the 4.1 – 4.2 and 4.13 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.47 and 5.53 Removal instructions!

Prepare a new Conductor Tape Sub PBA.

Follow the 5.16, 5.17, 5.18, 5.23, 5.47 and 5.53 Installation instructions!

Follow the 6.1 – 6.2 and 6.13 – 6.14 Reassembly instructions!

And also notice the pictures shown in some replacement chapters are screen shots from the repair movie which is according to the disassembly and reassembly orders, so please only focus on the removal and installation actions of those parts when referring to those pictures.

Battery cannot be reused once disassembled. And always Do not damage the Battery when repair! Before assemble the Battery Cover Assy carefully check the followings. If it is fail, Scrap the Battery.

- **Check if the Battery has any physical damages such as deformed, bent, dent, dimple, bubbles, swelled, pinholes, punctures, wrinkles, and so on. If the Battery has damages, scrap the Battery.**
- **Remove any foreign materials from the battery surface by cloth wiping or pressure air. If any foreign materials are stuck on the battery permanently and could not be removed, scrap the Battery.**

Battery Handling Notices:

1. **Don't damage the battery foil with sharp objects.**
2. **Don't twist or deform the battery in any way.**
3. **If the battery is dropped to floor, should not be used, and scrap.**
4. **Hold the battery at the frame edges of battery.**

1 Exterior Views

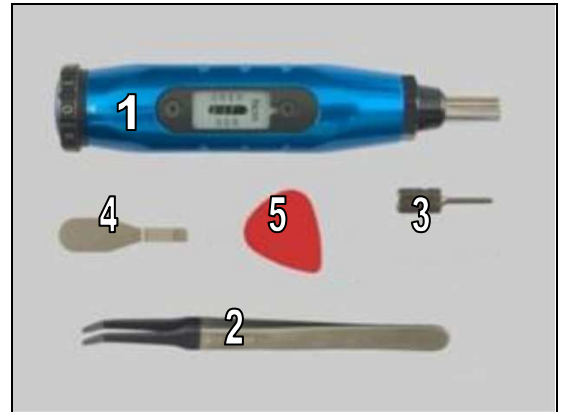
1.1 F3111/F3112/F3113/F3115/F3116



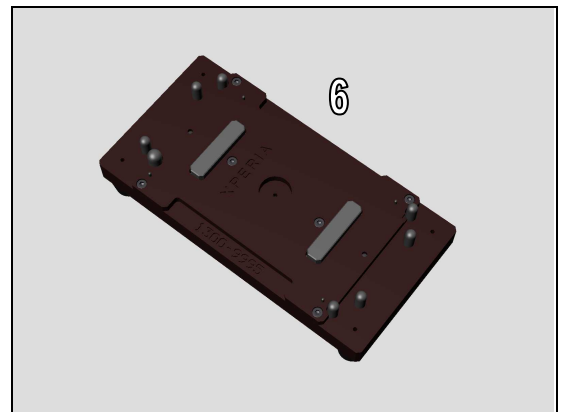
2 Tools

SPECIAL TOOLS

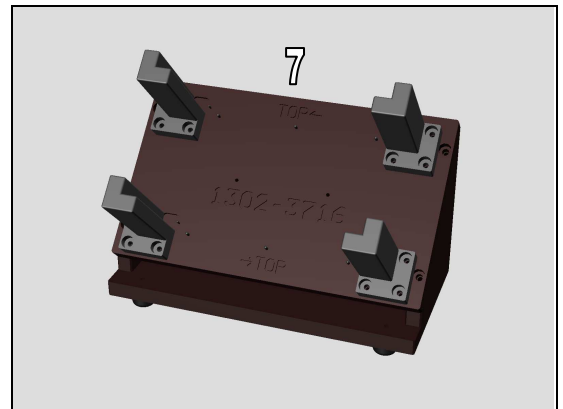
1. Torque Screwdriver
2. Flex Film Assembly Tool
3. Bits JCIS No.0
4. Front Opening Tool
5. Guitar Pick



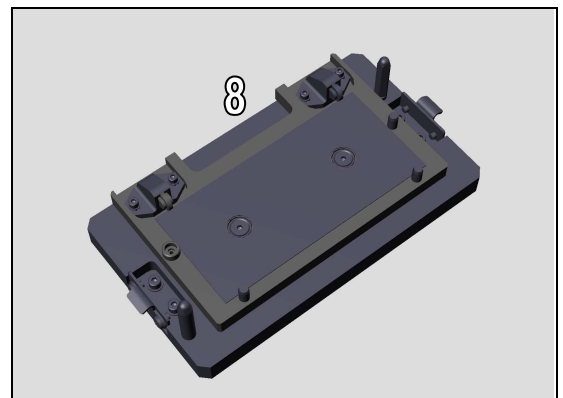
6. Fixture F31 Rear Panel Adhesive tool (1300-9995)



7. Side panel adhesive position fixture (1302-3716)

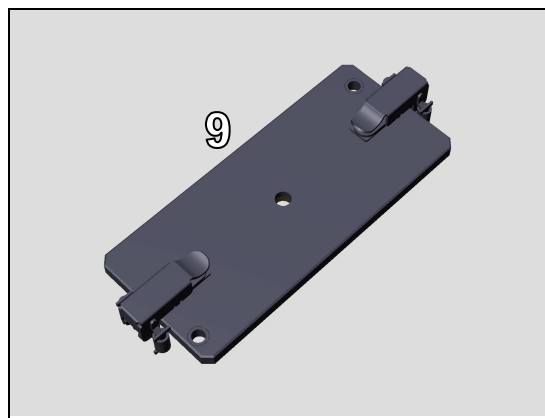


8. Rear Panel Press Tool Bottom (1302-7285)



Tools

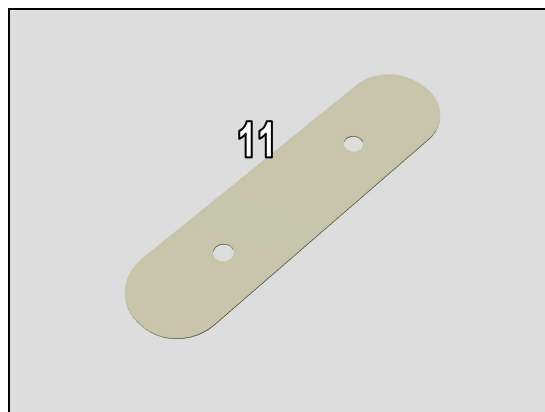
9. Rear Panel Press Tool Top Inlay (1302-7290)



10. Press Clamp (1302-3698)

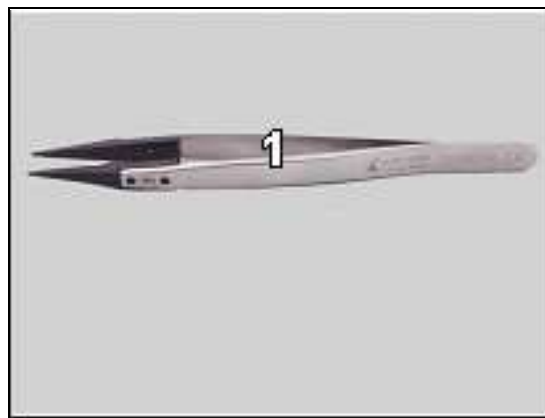


11. Flexible Disassembly tool (1284-7796)



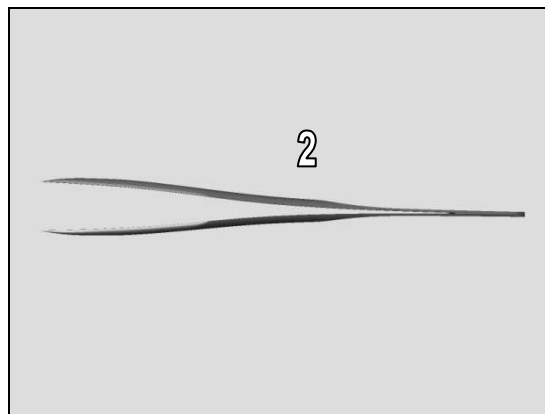
STANDARD TOOLS

1. Pointed Plastic Tweezers



Tools

2. Blunt flat-tip Plastic Tweezers



3. T5 Screwdriver



4. Suction cup



For part no's on the tools above, refer to the 'Tools Catalogue/Matrix'!

3 Mandatory Replacement Parts List

The Mandatory Replacement Parts List is embedded.
Click the icon to open the file.



Targeted replacement parts are listed

Mandatory replacement part	SPACE	Refurbish	Target replacement part													
			Battery 00 mAh	Fingerprint Sensor Module Assy	FPC Key Module	FPC Top Module (Audio Jack)	FPC USB Assy	Front Assy	Loud Speaker (Bottom)	Loud Speaker (Top)	FICTIVE Front Camera (Front)	Panel Rear Sub Assy	PBA Complete	PBA Sub	FICTIVE Camera 24.5M (Main Camera)	Liquid Indicator
Adhesive Battery	1300-0069	2	2	2	2	2	2	2	2	2						
Adhesive Plate SPK	1301-3647	1		1	1			1	1							
Adhesive WR Audio Jack	1301-1010	1				1		1								
Adhesive WR FPC Speaker	1300-0059	1		1	1	1	1	1	1	1			1	1		
Adhesive WR Holder Speaker	1300-0064	1		1	1	1	1	1	1	1					1	
Adhesive WR Light Guide LED	1300-0021	1														
Adhesive WR Panel Rear	1300-0089	1		1	1	1	1	1	1	1	1	1	1	1	1	1
Adhesive WR Speaker (Top speaker)	1300-0041	1						1								
Adhesive WR Speaker (Bottom Speaker)	1303-0558	1						1	1							
Battery 2700 mAh	1300-3513		1													
Cap Tray Assy Black	1302-3708															
Cap Tray Assy White	1302-3709															
Cap Tray Assy Lime	1302-3710															
Cap Tray Assy Rose	1302-3711															
Cap Tray Assy DS Black	1302-3713															
Cap Tray Assy DS White	1302-3714															
Cap Tray Assy DS Lime	1302-3715															
Cushion Assy	1292-9994									1						
Cushion PBA Mic 1st	1300-0047												1			
Cushion PBA Mic 2nd	1300-0048												1			
Cushion PBA USB	1301-1668												1			
FICTIVE Camera 24.5M (Main Camera)	1293-8229														1	
FICTIVE Front Camera (Front Camera)	1299-4015										1					
FP Sensor Assy	1302-3718	1		1												
FPC Assembly USB	1299-3662						1									
FPC Key Module Assy	1299-3660				1											
FPC Top Module Assy (Audio Jack)	1299-3661	1				1										
Front Assy Black	1302-3671															
Front Assy White	1302-3675							1								
Front Assy Lime	1302-3669	1														
Front Assy Rose	1302-3668															
Label MoP	1298-7979	1											1			
Label NFC	1298-6684	1						1								
Liquid Indicator	1275-3307						1									1
Loudspeaker (Top Speaker)	1287-2024	1					0	1	0	1						
Panel Rear Sub Assy Black	1300-1415															
Panel Rear Sub Assy White	1300-1416															
Panel Rear Sub Assy Lime	1301-3311	1										1				
Panel Rear Sub Assy Rose	1301-3312															
PBA Complete													1			
Plate Holder Key Ant	1300-0020				1											
Plate Jk	1300-0050	1		1	1			1	1							
Plate Speaker	1300-0061	1			1				1							
Screw M1.2X2.5	1301-5369	1	1	1	1	1	1	1	1	1			1	1		1
Screw M1.4X3.2	1292-4308	5	5	5	5	5	5	5	5	5	5		5	5	5	5
Sheet Guide MoP	1298-2803	1														
Sheet Spacer RF	1300-0048												1			
Sheet WRT Test	1300-0067	1						1								
Speaker (Bottom Speaker)	1277-7135	1						1	1							
Sub PBA	1299-7823													1		
WGF Applying		1						1								

Mandatory replacement parts for refurbishment.

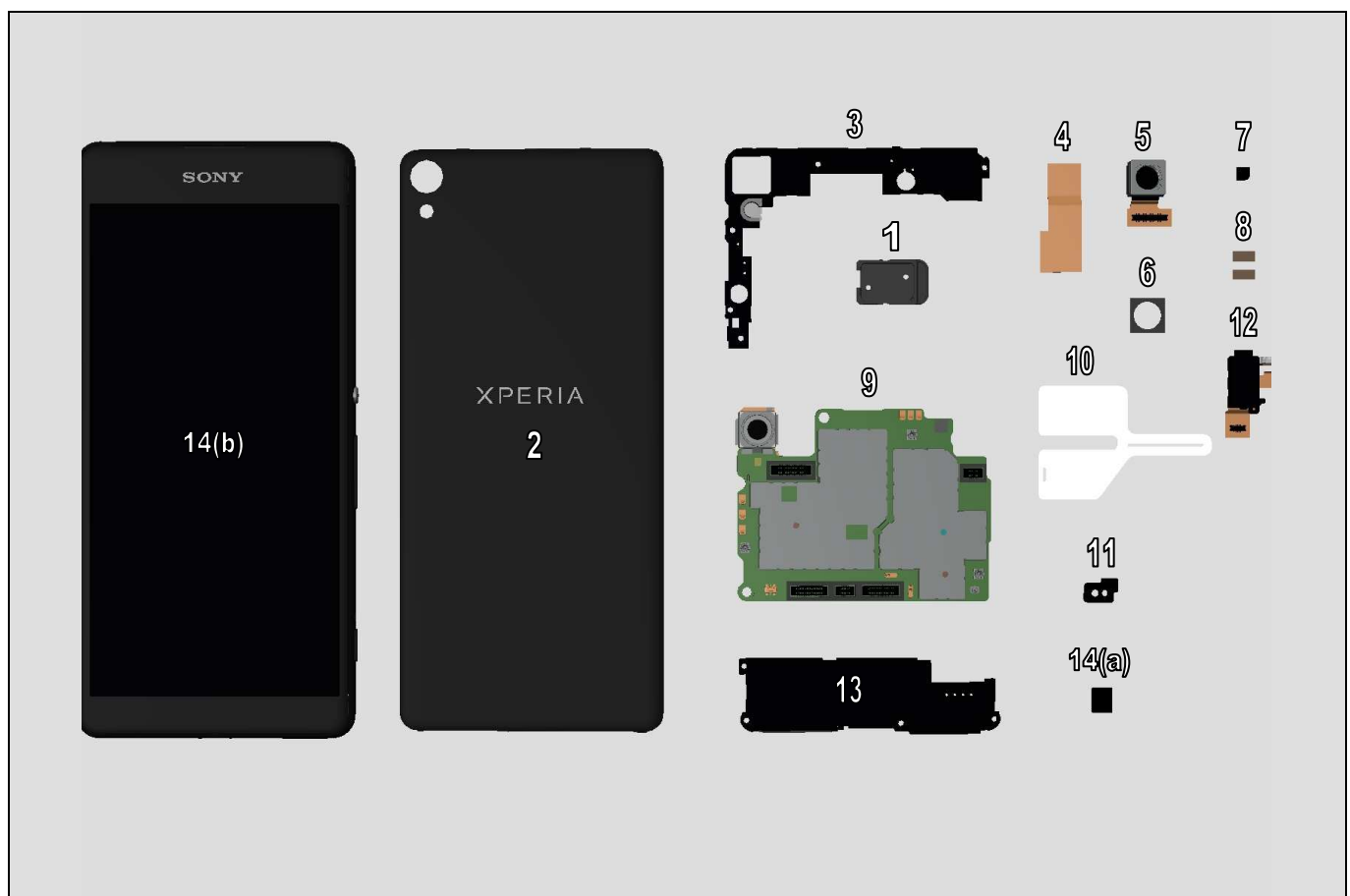
Parts that is required to replace in addition to target replacement parts.

Number in the cells indicates parts require replacing for target part.

4 Disassembly

The F3111/F3112/F3113/F3115/F3116 disassembly is done in the following order:

1. SIM Tray Single(F3111/F3113/F3115)/SIM Tray Dual(F3112/F3116)
2. Battery Cover Assy
3. Antenna Assy DIV/BT/WIFI/GPS
4. Conductor Foil Front Camera
5. Front Camera
6. Adhesive Sponge Front Camera
7. Film Mylar Audio Jack FPC
8. Film Kapton Audio Jack
9. Main PBA
10. CU Label Tray
11. Rubber PL Sensor
12. Audio Jack Assy
13. Main Antenna Speaker Assy
14. Rubber Main MIC (a) and Display Cover Assy (b)



Disassembly

4.1 SIM Tray Single(F3111/F3113/F3115)/SIM Tray Dual(F3112/F3116)

Open the Cap SIM/SD.

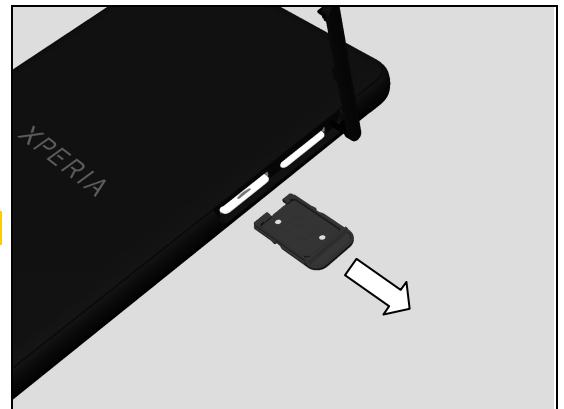


Turn the Cap SIM/SD.



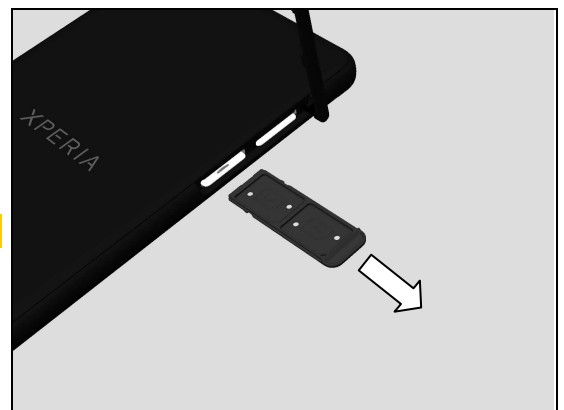
Remove the SIM Tray Single with fingers.

This is only for F3111/F3113/F3115!



Remove the SIM Tray Dual with fingers.

This is only for F3112/F3116!



Disassembly

4.2 Battery Cover Assy

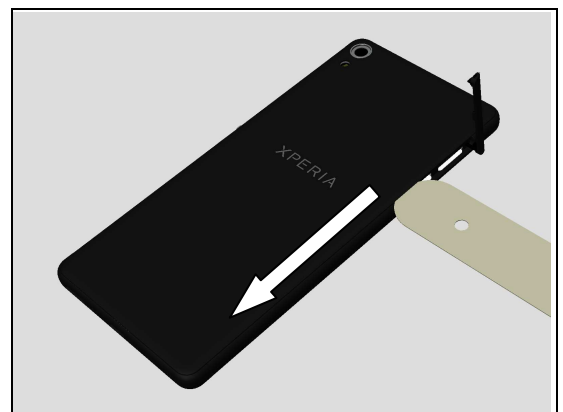
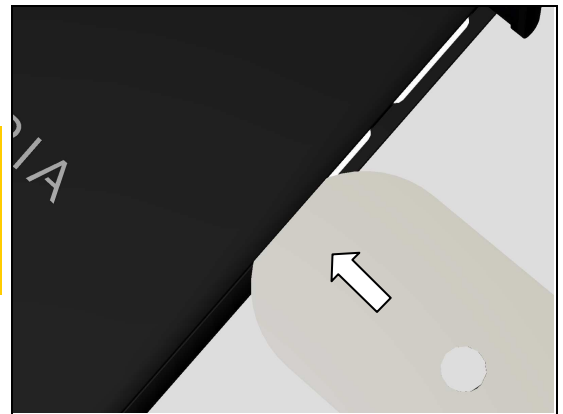
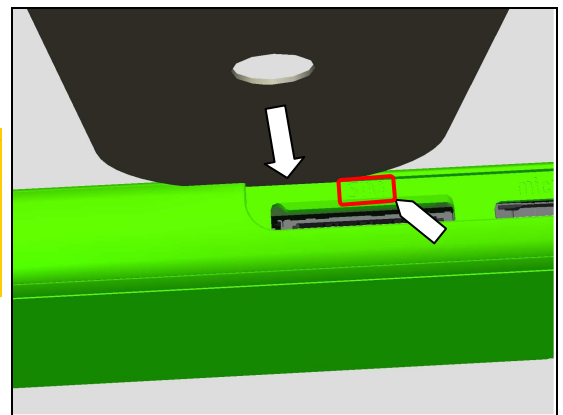
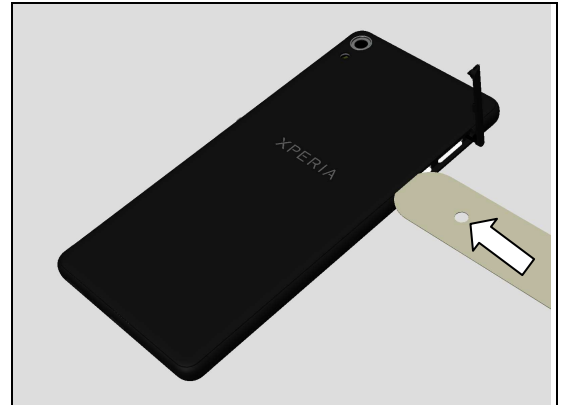
Insert the Flexible Disassembly tool between Battery Cover Assy and Display Cover Assy as shown in picture.

1

Be careful! Inserting the Flexible Disassembly tool lower than the etched mark of 'SIM' as shown in picture. Otherwise the NFC Antenna may be detached or damaged, and Conductor Foil Battery Cover may be detached or wrinkled.

Be careful! Inserting the Flexible Disassembly tool just enough to cut the Adhesive Battery Cover Left. Otherwise the NFC Antenna may be detached or damaged, and Conductor Foil Battery Cover may be detached or wrinkled.

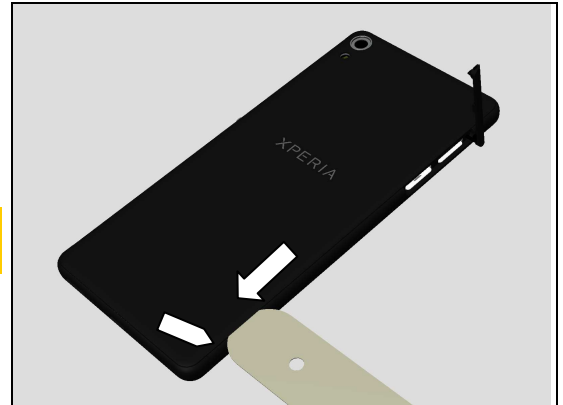
Slide the Flexible Disassembly tool to cut the Adhesive Battery Cover Left.



Disassembly

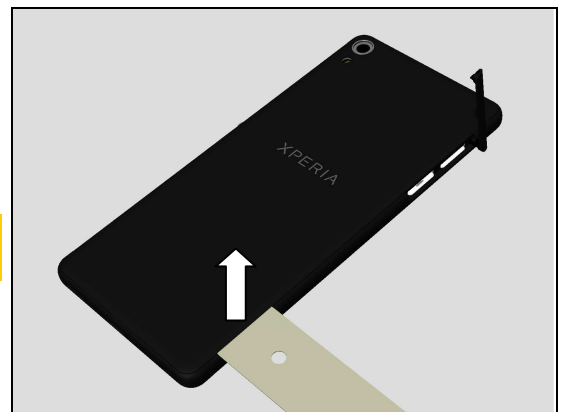
Slide the Flexible Disassembly tool until the hook on the Battery Cover Assy stop it.

Be careful! Do not damage the hook on the Battery Cover Assy.



Insert the Flexible Disassembly tool as shown in picture and detach the bottom right area of the Battery Cover Assy.

Note! During this action the Battery Cover Assy may deform to some extent, if not damaged it can be reused.

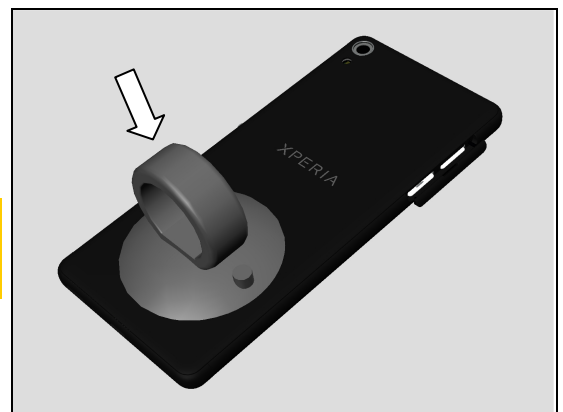


Turn the Cap SIM/SD back.



Apply the Suction Cup onto lower part of the Battery Cover Assy as shown in picture.

Do not try to apply the Suction Cup onto the middle area and upper area of the Battery Cover Assy for disassembly.



Disassembly

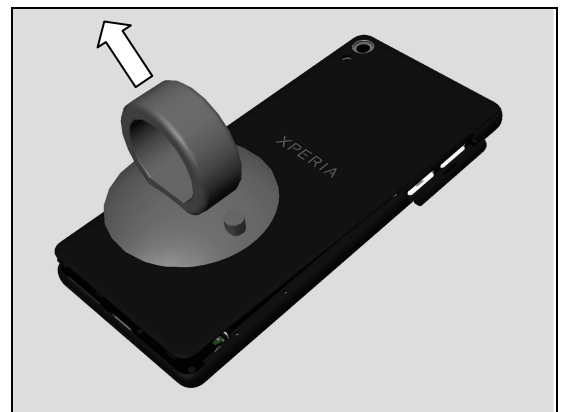
Pull the Suction Cup slowly to detach Adhesive Battery Cover Bottom area of the Battery Cover Assy.

Be careful! Just pull to detach only the Adhesive Battery Cover Bottom area.

Note! During this action the Battery Cover Assy may deform to some extent, if not damaged it can be reused.

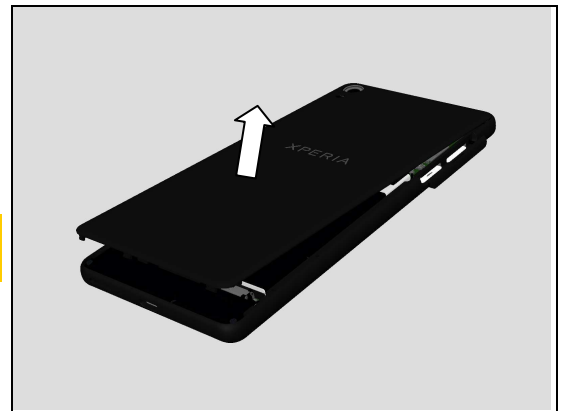


Remove the Suction Cup.



Hold the bottom part of Battery Cover Assy by fingers. Slowly lift up the Battery Cover Assy.

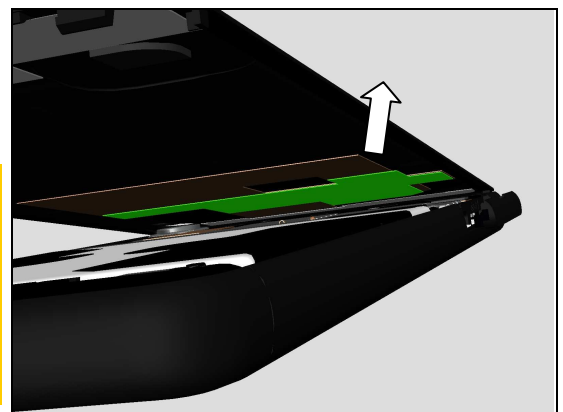
Note! During this action the Battery Cover Assy may deform to some extent, if not damaged it can be reused.



Then hold the central part of the Battery Cover Assy by fingers. Slowly detach the Adhesive NFC area of the Battery Cover Assy.

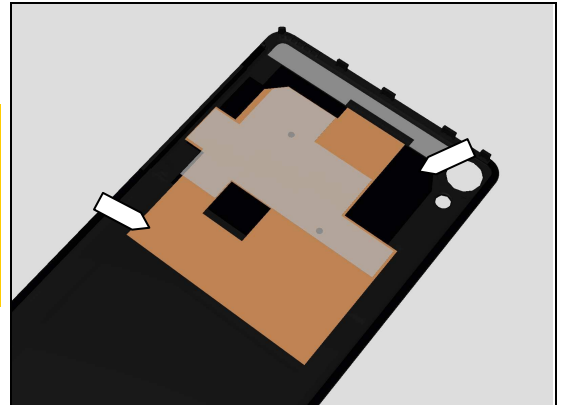
Note! When detaching the thumb must firstly hold the Conductor Foil Battery Cover, as the Adhesive NFC is detached from shielding can lids gradually and slowly, then hold the Adhesive NFC area, the thumb movement must be along with the detaching direction.

Note! During this action the Battery Cover Assy may deform to some extent, if not damaged it can be reused.



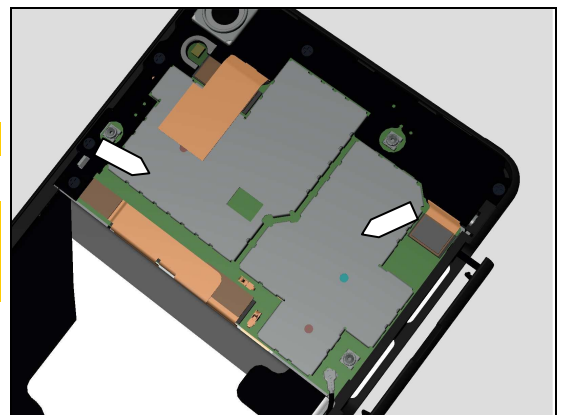
Disassembly

Note! Please strictly follow above disassembly instructions, holding Conductor Foil Battery Cover area and then Adhesive NFC area to detach SLOWLY and GRADUALLY will greatly lower the risk of the NFC Antenna detached or damaged, Conductor Foil Battery Cover detached or wrinkled



and shielding can lids deformed after disassembly.

Note! If one or two corners of shielding can lids unsnapped but not deformed during disassembly, press to snap them back.

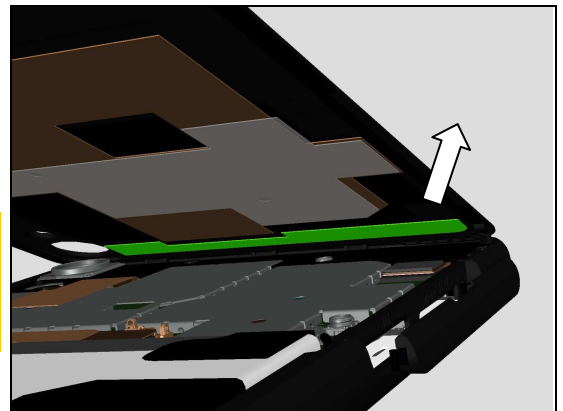


Then hold the upper part of the Battery Cover Assy by fingers.

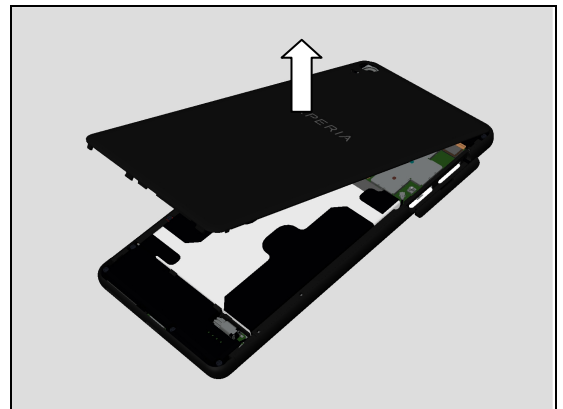
Slowly detach the Adhesive Battery Cover Top area of the Battery Cover Assy.

Be careful! Do not damage hooks on the top of the Battery Cover Assy.

Note! During this action the Battery Cover Assy may deform to some extent, if not damaged it can be reused.



Remove the Battery Cover Assy.



Disassembly

Disconnect the Battery connector by using the Front Opening Tool.

Do not damage components on the Main PBA!

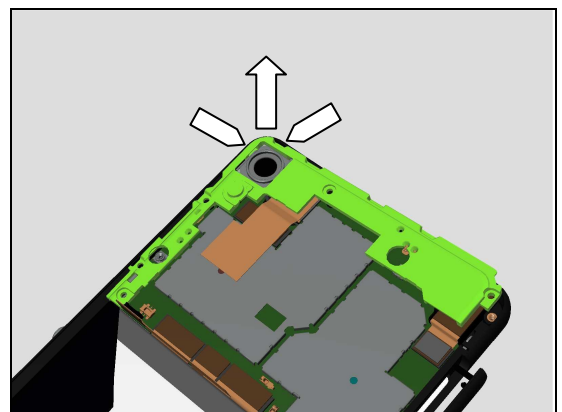
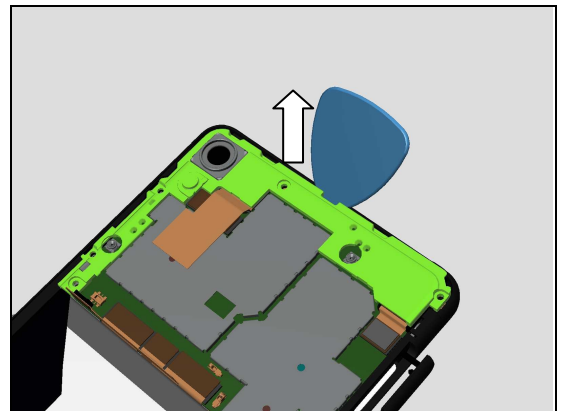
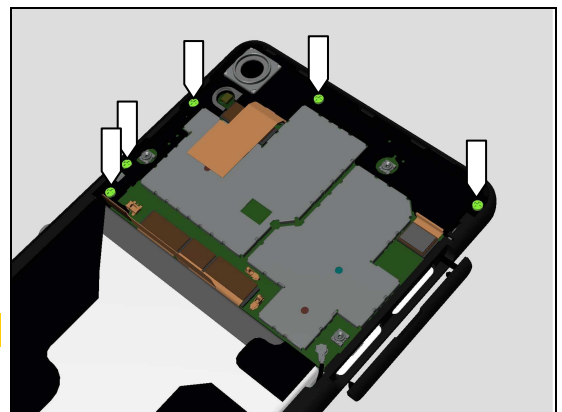
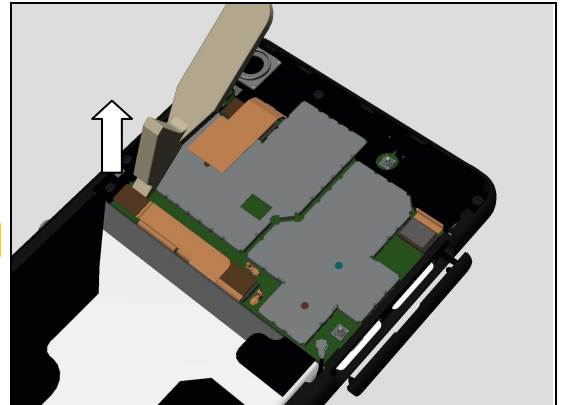
4.3 Antenna Assy DIV/BT/WIFI/GPS

Remove the five Screw Cross M1.2 L2.5 Black by using a screwdriver with Bits JCIS No.0.

Scrap! Not to be reused!

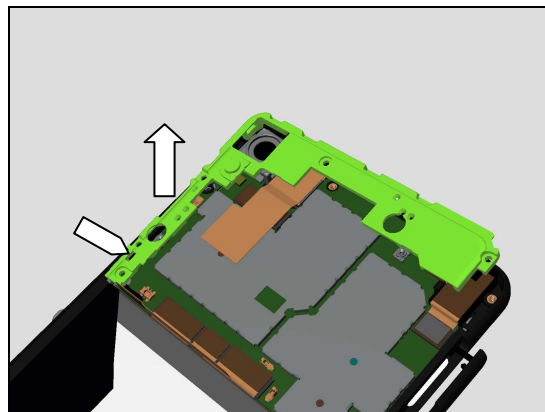
Release the Antenna Assy DIV/BT/WIFI/GPS firstly from this position by using Guitar Pick as shown in picture.

Lift up the Antenna Assy DIV/BT/WIFI/GPS to release these two hooks.

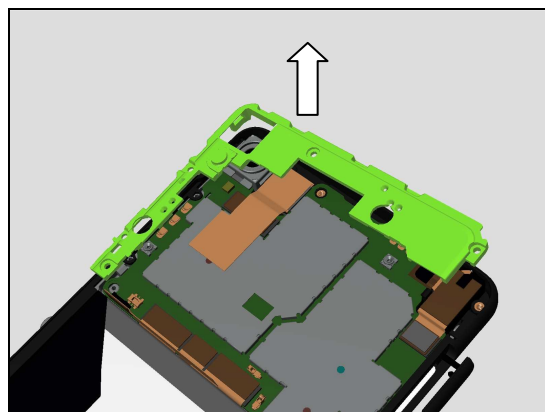


Disassembly

Then lift up the Antenna Assy DIV/BT/WIFI/GPS to release this hooks.



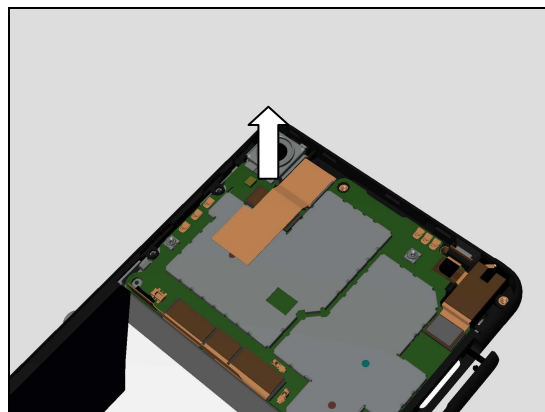
Remove it.



4.4 Conductor Foil Front Camera

Detach the Conductor Foil Front Camera.

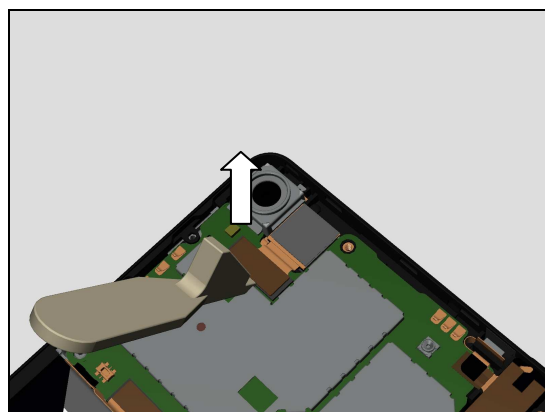
Scrap! Not to be reused!



4.5 Front Camera

Disconnect the Front Camera connector by using the Front Opening Tool.

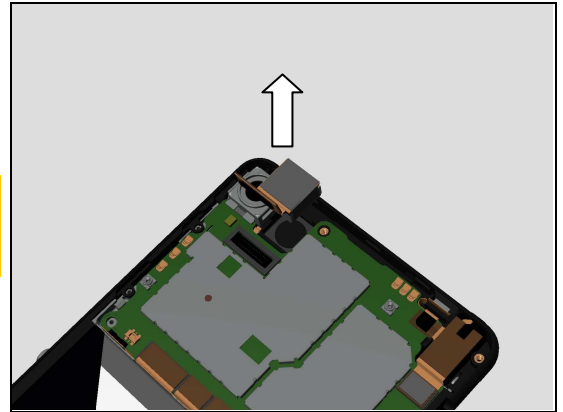
Do not damage components on the Main PBA!



Disassembly

Detach the Front Camera by fingers.

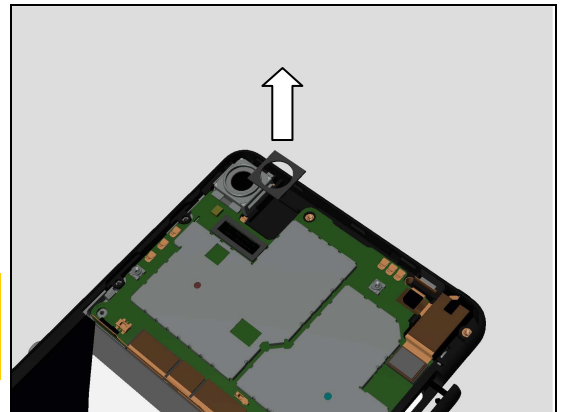
Note! Before detaching the Front Camera need to be heated by using Hot Air device, temperature 80 degree, distance 1cm, time 1 minute.



4.6 Adhesive Sponge Front Camera

Detach the Adhesive Sponge Front Camera by using blunt-tip plastic tweezers.

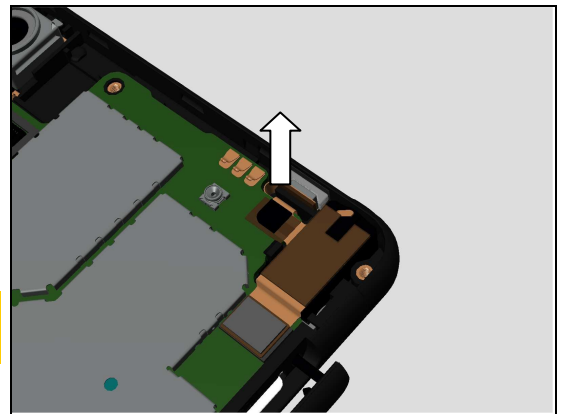
Scrap! Not to be reused!
Be careful! Do not damage the painting on the touch panel.



4.7 Film Mylar Audio Jack FPC

Detach the Film Mylar Audio Jack FPC by using plastic tweezers.

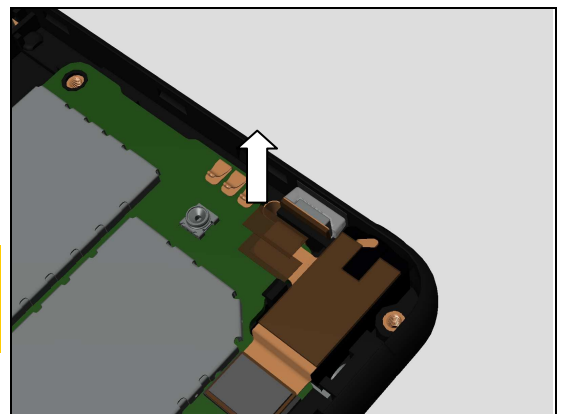
Scrap! Not to be reused!
Do not damage the FPC of the Audio Jack Assy!



4.8 Film Kapton Audio Jack

Detach this Film Kapton Audio Jack by using plastic tweezers.

Scrap! Not to be reused!
Do not damage the FPC of the Audio Jack Assy and the components on the Main PBA!

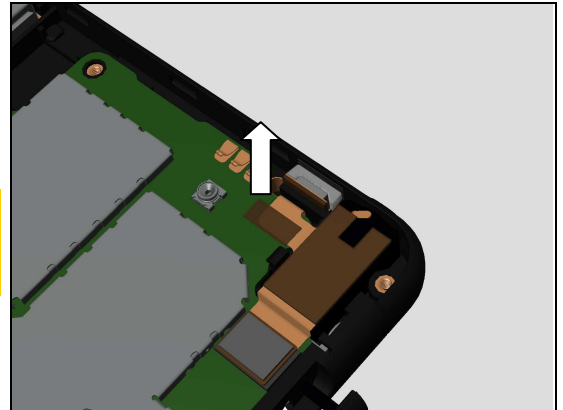


Disassembly

Detach the other Film Kapton Audio Jack by using plastic tweezers.

Scrap! Not to be reused!

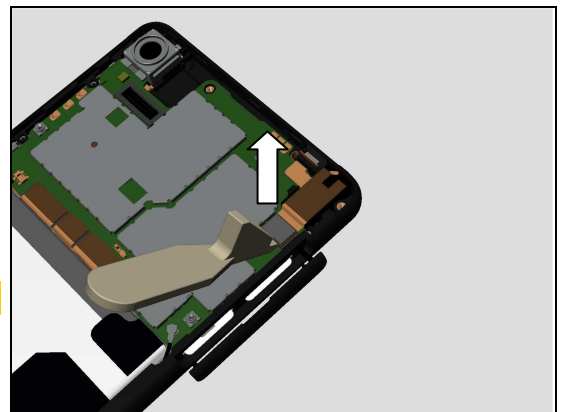
Do not damage the FPC of the Audio Jack Assy and the components on the Main PBA!



4.9 Main PBA

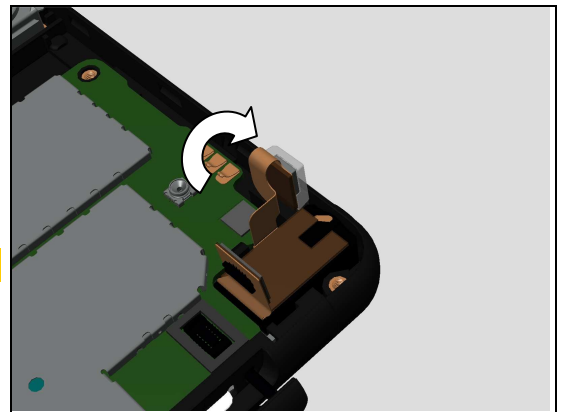
Disconnect the Audio Jack Assy connector by using the Front Opening Tool.

Do not damage components on the Main PBA!



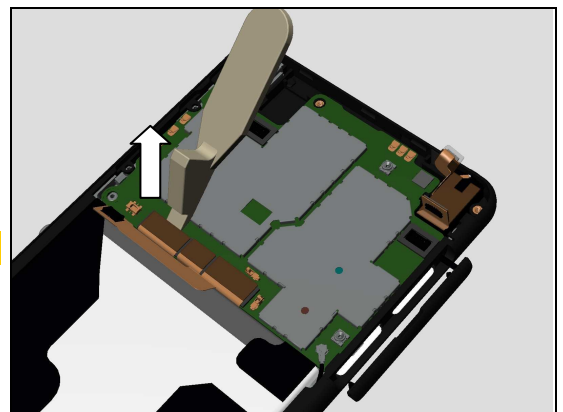
Release 2nd Mic rubber FPC of the Audio Jack Assy from its cavity as shown in picture.

Do not damage the FPC of the Audio Jack Assy!



Disconnect the connector of the Side Key FPC Assy by using the Front Opening Tool.

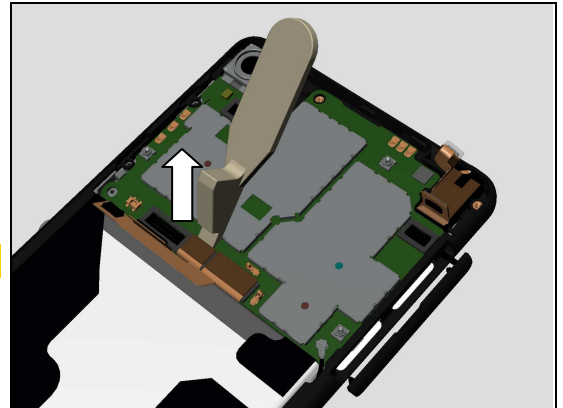
Do not damage components on the Main PBA!



Disassembly

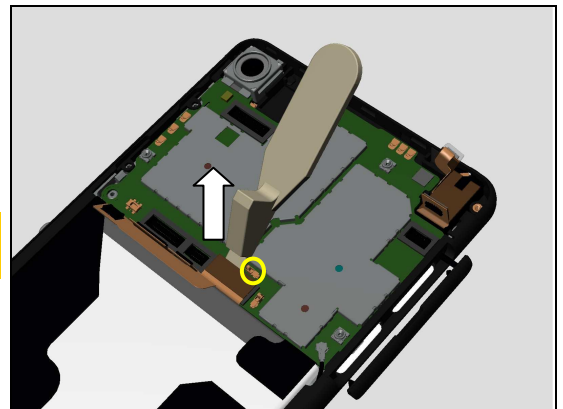
Disconnect the connector of the touch panel by using the Front Opening Tool.

Do not damage components on the Main PBA!



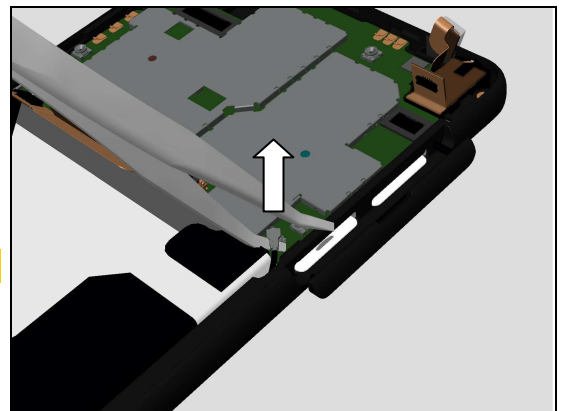
Disconnect the connector of LCM by using the Front Opening Tool.

Do not damage components and contact spring on the Main PBA!



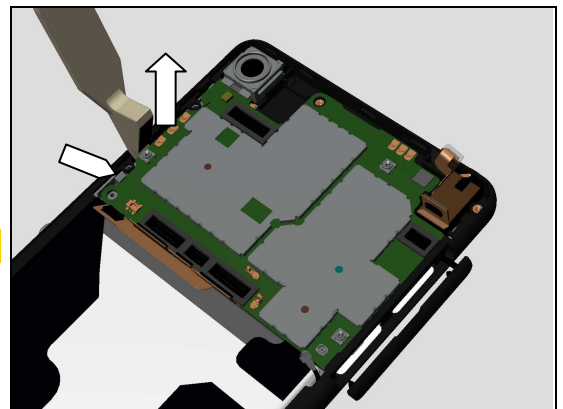
Disconnect the RF connector by using the Flex Film Assembly Tool.

Do not damage components on the Main PBA!



Unsnap this hook by using the Front Opening Tool as shown in picture.

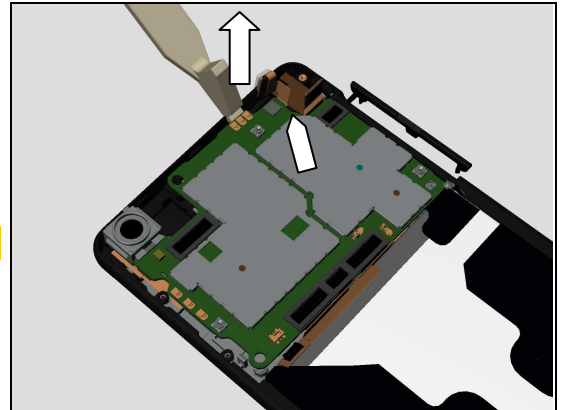
Do not damage components on the Main PBA!



Disassembly

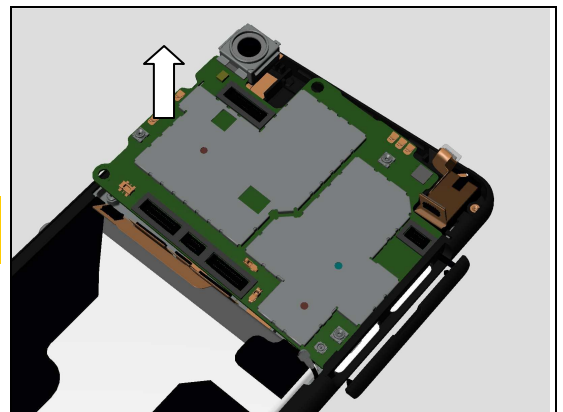
Unsnap this hook by using the Front Opening Tool as shown in picture.

Do not damage components on the Main PBA!



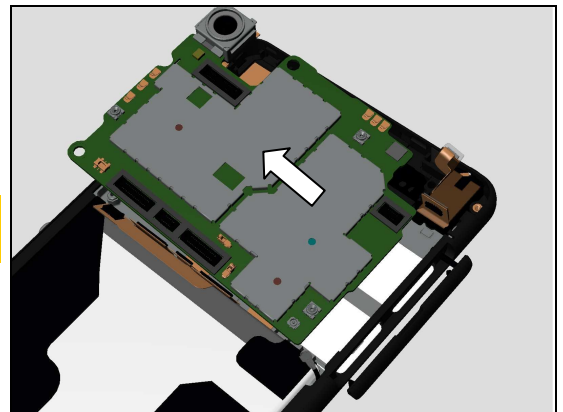
Lift up this side of the Main PBA as shown in picture.

Do not touch the Main Camera when remove the Main PBA.



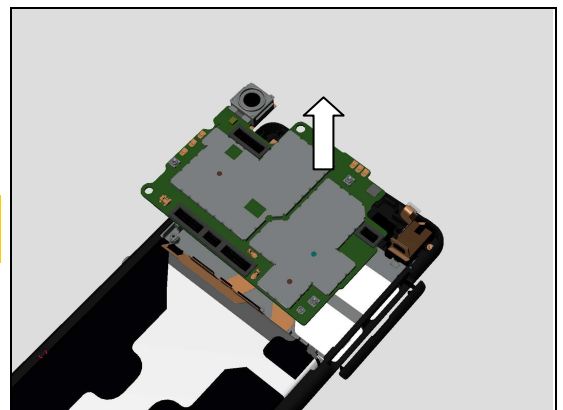
Release the Main PBA as shown in picture.

Do not touch the Main Camera when remove the Main PBA.



Remove it.

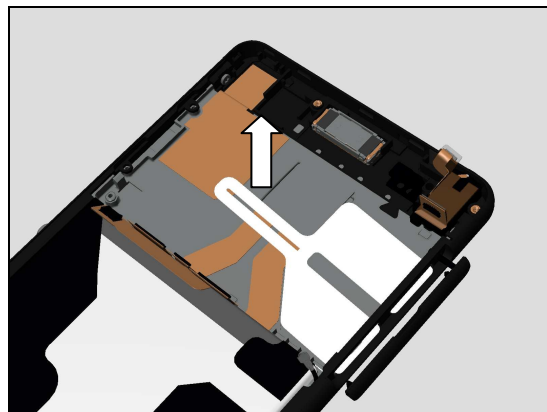
Do not touch the Main Camera when remove the Main PBA.



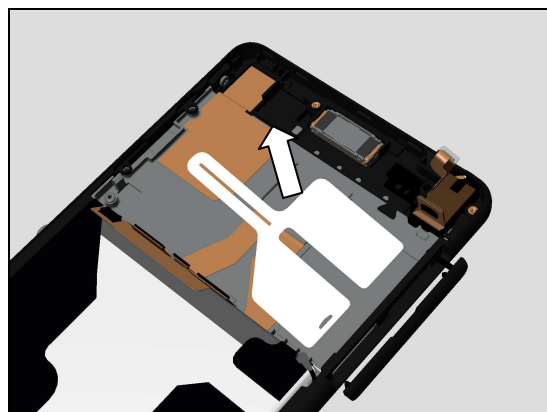
Disassembly

4.10 CU Label Tray

Lift up this side of the CU Label Tray as shown in picture.

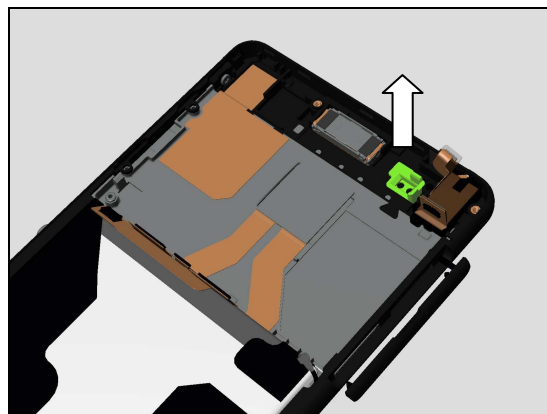


Remove it.



4.11 Rubber PL Sensor

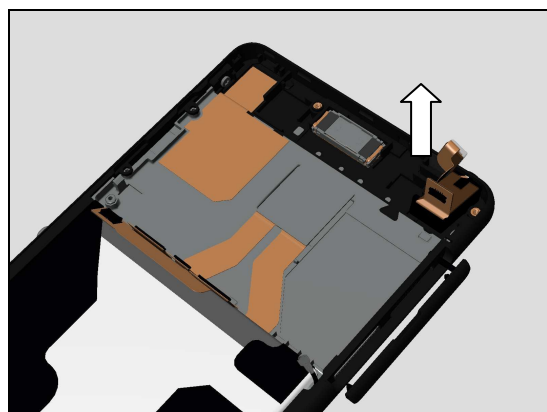
Remove the Rubber PL Sensor.



4.12 Audio Jack Assy

Lift up the Audio Jack Assy by fingers.

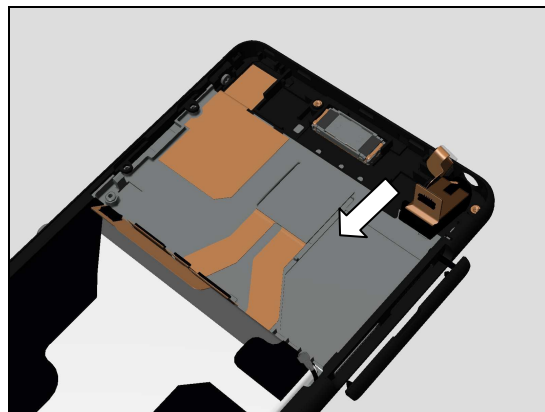
Do not damage FPC of the Audio Jack Assy!



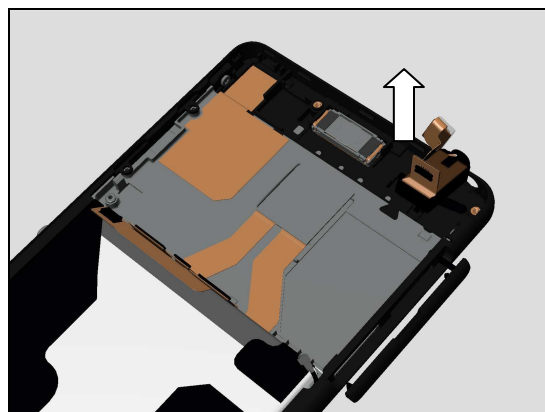
Disassembly

Release the Audio Jack Assy from its hole by fingers.

Do not damage FPC of the Audio Jack Assy!



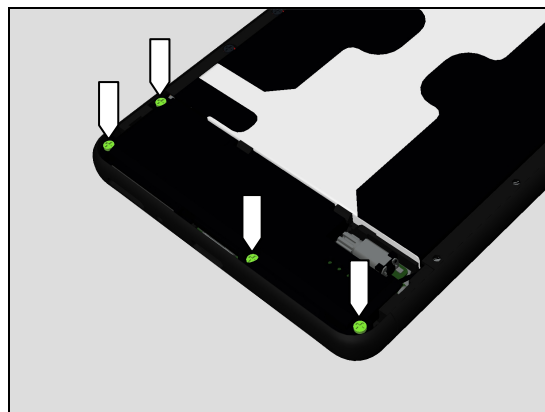
Remove it.



4.13 Main Antenna Speaker Assy

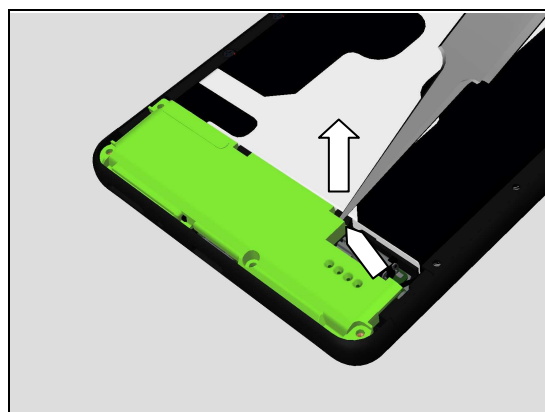
Remove the four Screw Cross M1.2 L2.5 Black by using a screwdriver with Bits JCIS No.0.

Scrap! Not to be reused!



Unsnap this hook by using the Pointed Plastic Tweezers.

Do not damage the hook!



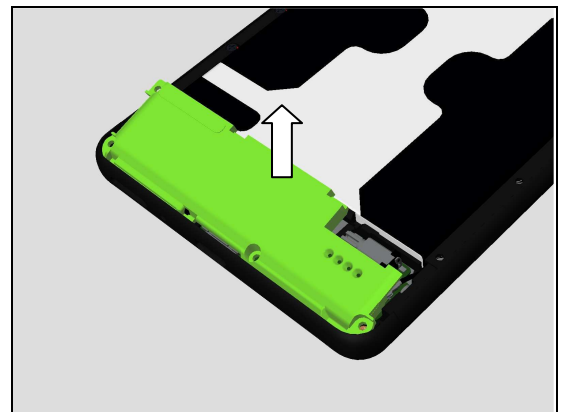
Disassembly

Unsnap the other hook by using the Pointed Plastic Tweezers.

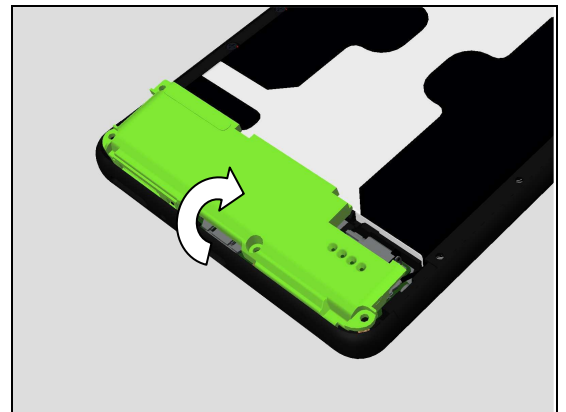
Do not damage the hook!



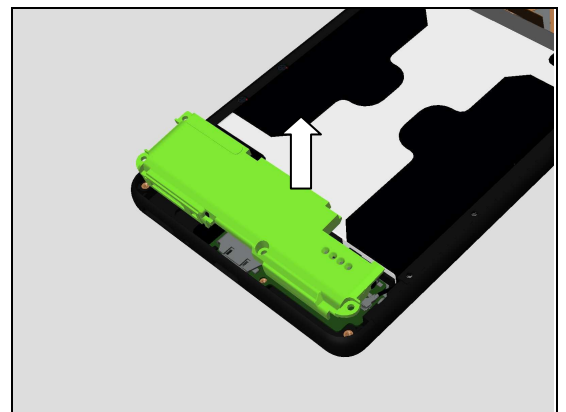
Lift up this side of the Main Antenna Speaker Assy as shown in picture.



Release bottom side of the Main Antenna Speaker Assy as shown in picture.



Remove it.

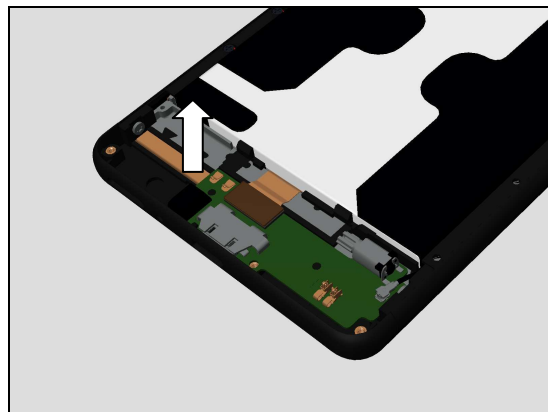


Disassembly

4.14 Rubber Main MIC(a) and Display Cover Assy(b)

Detach the Rubber Main MIC.

Scrap! Not to be reused!



5 Replacement

5.1 Adhesive Sponge Front Camera

Follow the 4.1 – 4.6 Disassembly instructions!

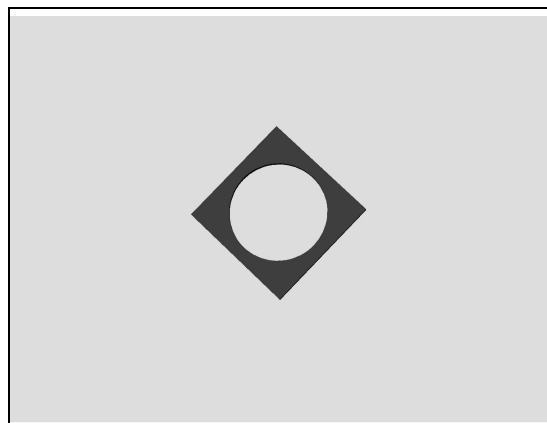
Follow the 5.16, 5.17, 5.18, 5.23 and 5.44 Removal instructions!

Prepare a new Adhesive Sponge Front Camera.

Follow the 5.16, 5.17, 5.18, 5.23 and 5.44 Installation instructions!

Follow the 6.9 – 6.14 Reassembly instructions!

Scrap! Not to be reused!



5.2 Antenna Assy DIV/BT/WIFI/GPS

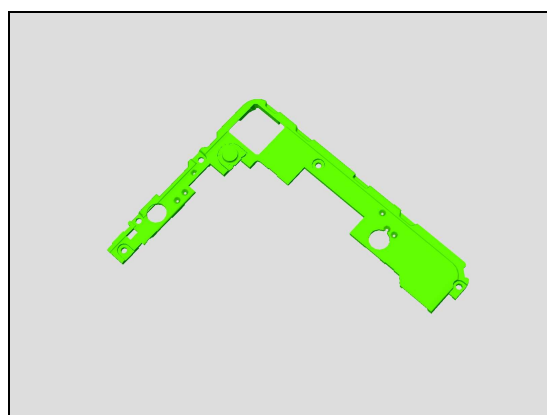
Follow the 4.1 – 4.3 Disassembly instructions!

Follow the 5.16, 5.17, 5.18 and 5.23 Removal instructions!

Prepare a new Antenna Assy DIV/BT/WIFI/GPS.

Follow the 5.16, 5.17, 5.18 and 5.23 Installation instructions!

Follow the 6.12 – 6.14 Reassembly instructions!



5.3 Audio Jack Assy

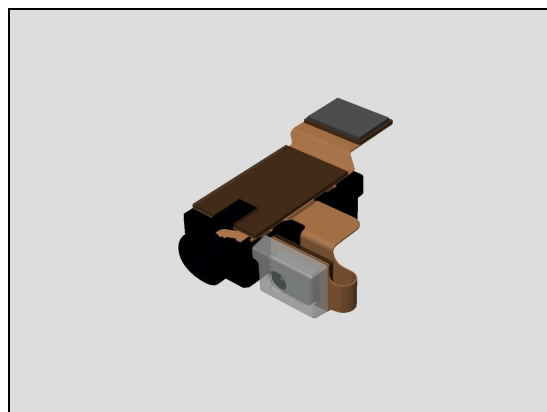
Follow the 4.1 – 4.12 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Removal instructions!

Prepare a new Audio Jack Assy.

Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Installation instructions!

Follow the 6.3 – 6.14 Reassembly instructions!



5.4 Battery Cover Assy

Follow the 4.1 – 4.2 Disassembly instructions!

Follow the 5.16, 5.17, 5.18 and 5.23 Removal instructions if needed!

Prepare a new Battery Cover Assy.

Follow the 6.13 – 6.14 Reassembly instructions!

If reuse the Battery Cover Assy need to follow the 5.16, 5.17, 5.18 and 5.23 Installation instructions to replace a new Adhesive Battery Cover Bottom, Adhesive Battery Cover Left, Adhesive Battery Cover Right, Adhesive Battery Cover Top and Adhesive NFC before assembly.



Replacement

5.5 Conductor Foil Front Camera

Follow the 4.1 – 4.4 Disassembly instructions!

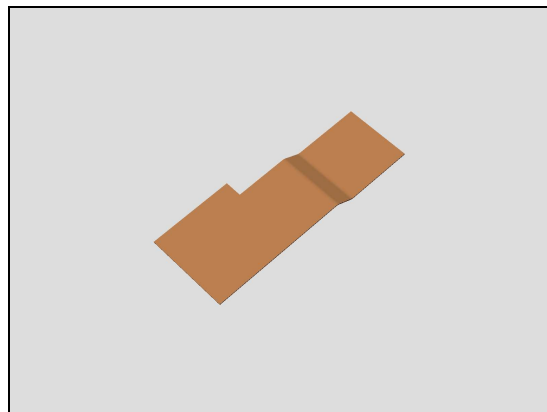
Follow the 5.16, 5.17, 5.18 and 5.23 Removal instructions!

Prepare a new Conductor Foil Front Camera.

Follow the 5.16, 5.17, 5.18 and 5.23 Installation instructions!

Follow the 6.11 – 6.14 Reassembly instructions!

Scrap! Not to be reused!



5.6 CU Label Tray

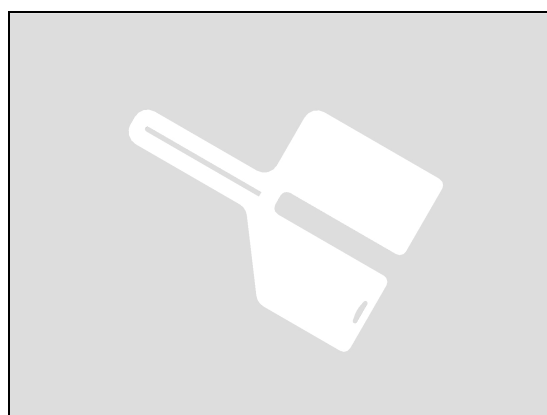
Follow the 4.1 – 4.10 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Removal instructions!

Prepare a new CU Label Tray.

Follow the 5.16, 5.17, 5.18, 5.23, 5.35, 5.43, 5.44, and 5.45 Installation instructions!

Follow the 6.5 – 6.14 Reassembly instructions!



5.7 Film Kapton Audio Jack

Follow the 4.1 – 4.3 and 4.7 – 4.8 Disassembly instructions!

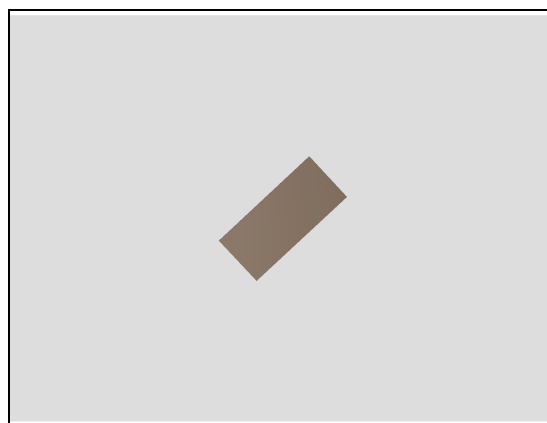
Follow the 5.16, 5.17, 5.18 and 5.23 Removal instructions!

Prepare two new Film Kapton Audio Jack.

Follow the 5.16, 5.17, 5.18 and 5.23 Installation instructions!

Follow the 6.7 – 6.8 and 6.12 – 6.14 Reassembly instructions!

Scrap! Not to be reused!



5.8 Film Mylar Audio Jack FPC

Follow the 4.1 – 4.3 and 4.7 Disassembly instructions!

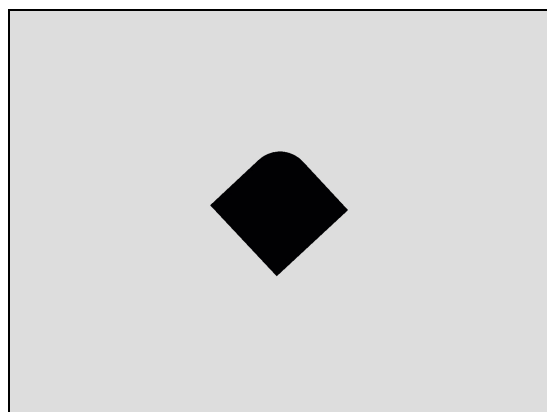
Follow the 5.16, 5.17, 5.18 and 5.23 Removal instructions!

Prepare a new Film Mylar Audio Jack FPC.

Follow the 5.16, 5.17, 5.18 and 5.23 Installation instructions!

Follow the 6.8 and 6.12 – 6.14 Reassembly instructions!

Scrap! Not to be reused!



Replacement

5.9 Front Camera

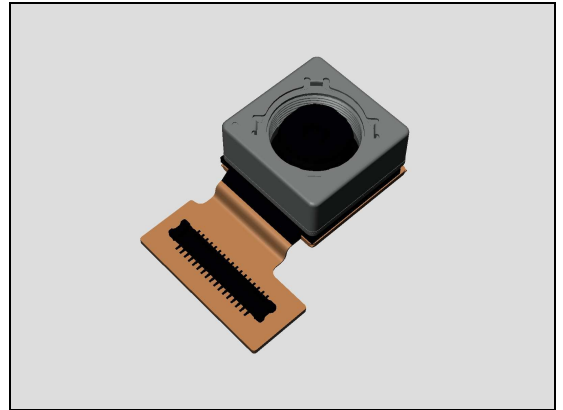
Follow the 4.1 – 4.6 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23 and 5.44 Removal instructions!

Prepare a new Front Camera.

Follow the 5.16, 5.17, 5.18, 5.23 and 5.44 Installation instructions!

Follow the 6.9 – 6.14 Reassembly instructions!



5.10 Main Antenna Speaker Assy

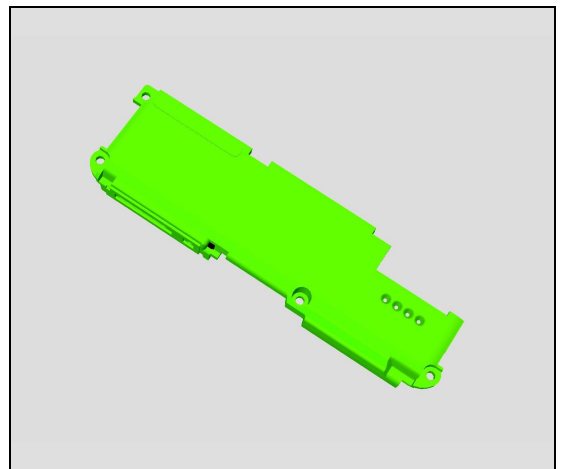
Follow the 4.1 – 4.2 and 4.13 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, and 5.23 Removal instructions!

Prepare a new Main Antenna Speaker Assy.

Follow the 5.16, 5.17, 5.18, and 5.23 Installation instructions!

Follow the 6.1 – 6.2 and 6.13 – 6.14 Reassembly instructions!



5.11 Rubber Main MIC

Follow the 4.1 – 4.2 and 4.13 – 4.14 Disassembly instructions!

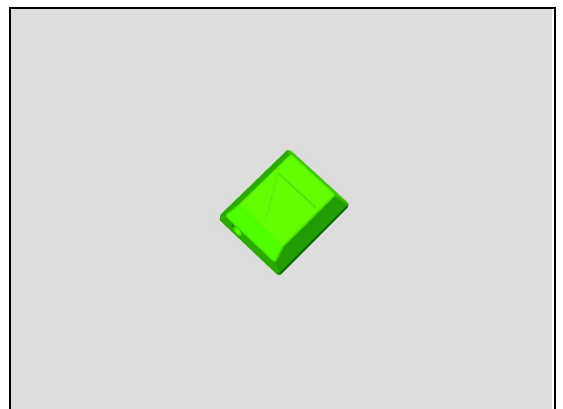
Follow the 5.16, 5.17, 5.18 and 5.23 Removal instructions!

Prepare a new Rubber Main MIC.

Follow the 5.16, 5.17, 5.18 and 5.23 Installation instructions!

Follow the 6.1 – 6.2 and 6.13 – 6.14 Reassembly instructions!

Scrap! Not to be reused!



5.12 Rubber PL Sensor

Follow the 4.1 – 4.11 Disassembly instructions!

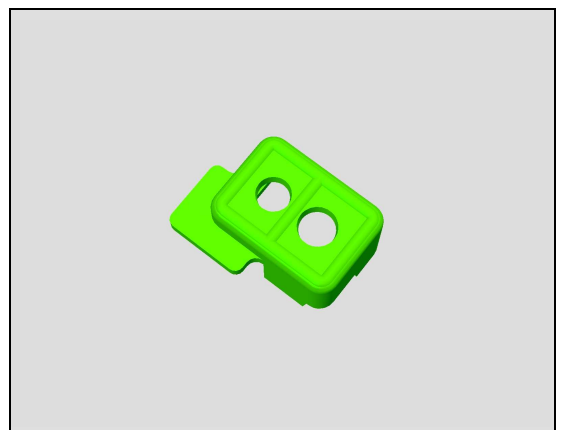
Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Removal instructions!

Prepare a new Rubber PL Sensor.

Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Installation instructions!

Follow the 6.4 – 6.14 Reassembly instructions!

Proximity Calibration must be performed for all replaced units; 1289-2983 Trouble Shooting Application – mechanical.



Replacement

5.13 SIM Tray Dual (F3112/F3116)

Follow the 4.1 Disassembly instructions!
Prepare a new SIM Tray Dual.
Follow the 6.14 Reassembly instructions!



5.14 SIM Tray Single (F3111/F3113/F3115)

Follow the 4.1 Disassembly instructions!
Prepare a new SIM Tray Single.
Follow the 6.14 Reassembly instructions!



5.15 Display Cover Assy

Follow the 4.1 – 4.14 Disassembly instructions!
Follow the 5.16, 5.17, 5.18, 5.19, 5.23, 5.24, 5.26, 5.27, 5.28, 5.34, 5.40, 5.41, 5.43, 5.44, 5.45, 5.47, 5.48, 5.49, 5.50, and 5.53 Removal instructions!
Prepare a new Display Cover Assy.
Follow the 5.16, 5.17, 5.18, 5.19, 5.20, 5.21, 5.23, 5.24, 5.26, 5.27, 5.28, 5.34, 5.40, 5.41, 5.43, 5.44, 5.45, 5.47, 5.48, 5.49, 5.50, and 5.53 Installation instructions!
Follow the 6.1 – 6.14 Reassembly instructions!

Proximity Calibration must be performed for all replaced units; 1289-2983 Trouble Shooting Application – mechanical.



Replacement

5.16 Adhesive Battery Cover Bottom

Follow the 4.1 – 4.2 Disassembly instructions!
Follow the 5.17, 5.18 and 5.23 Removal instructions!
 Prepare a new Adhesive Battery Cover Bottom.
Follow the 5.17, 5.18 and 5.23 Installation instructions!
Follow the 6.13 – 6.14 Reassembly instructions!

REMOVAL

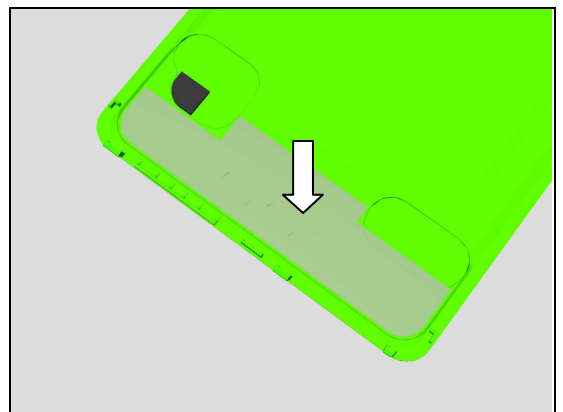
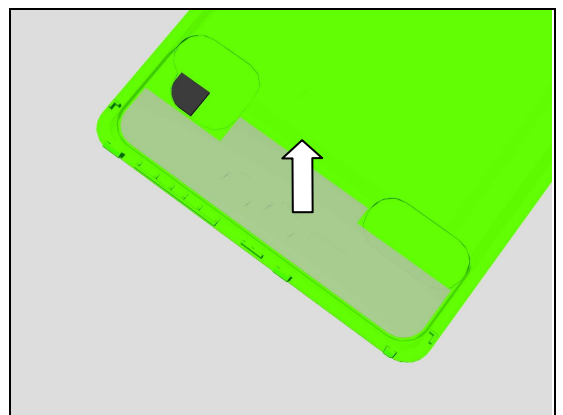
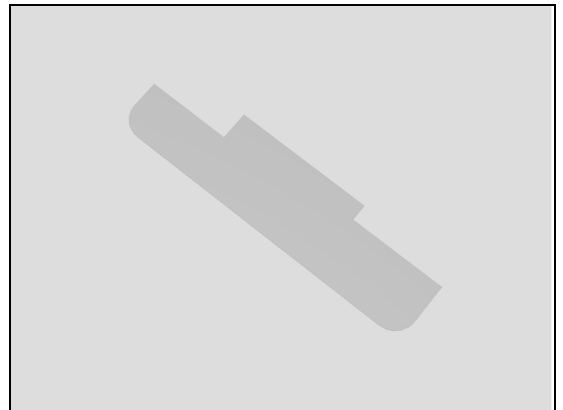
Detach the Adhesive Battery Cover Bottom and remove it with a pair of Plastic Tweezers.

Scrap! Not to be reused!
Make sure all remaining adhesive residue have been removed!

INSTALLATION

Use Isopropyl Alcohol – 99 % to clean around the attaching area of the Adhesive Battery Cover Bottom before assembly.

Attach a new Adhesive Battery Cover Bottom in alignment with the recess shape of the Battery Cover Assy as shown in picture.



Replacement

5.17 Adhesive Battery Cover Left and Adhesive Battery Cover Right

Follow the 4.1 – 4.2 Disassembly instructions!

Follow the 5.16, 5.18 and 5.23 Removal instructions!

Prepare a new Adhesive Battery Cover Left and Adhesive Battery Cover Right.

Follow the 5.16, 5.18 and 5.23 Installation instructions!

Follow the 6.13 – 6.14 Reassembly instructions!

REMOVAL

Detach to remove the Adhesive Battery Cover Left and Adhesive Battery Cover Right with fingers.

Scrap! Not to be reused!

Make sure all remaining adhesive residue have been removed!

INSTALLATION

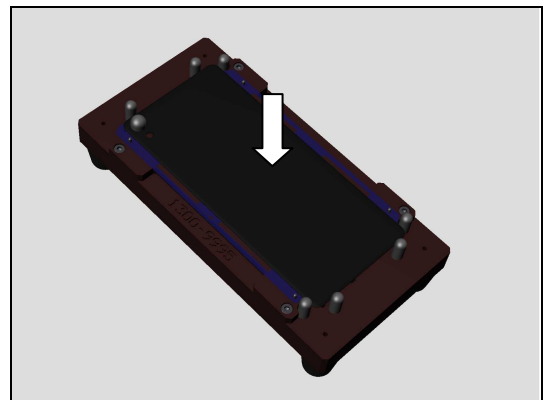
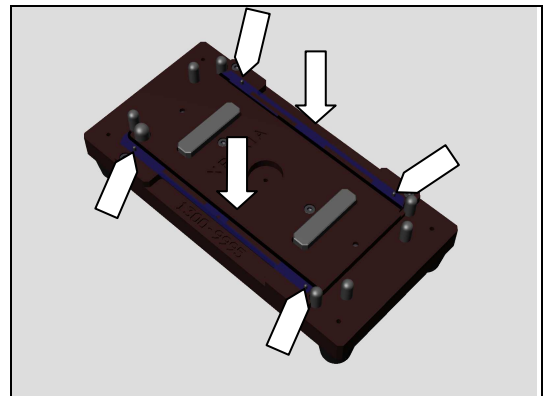
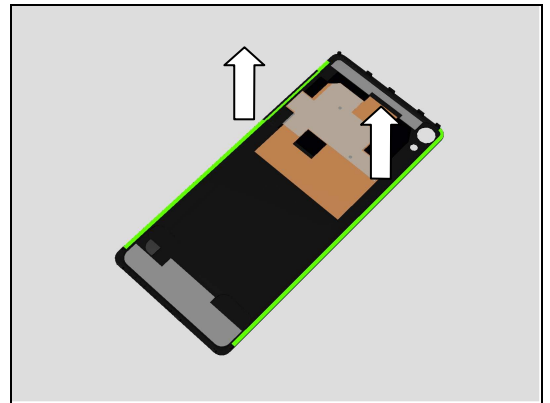
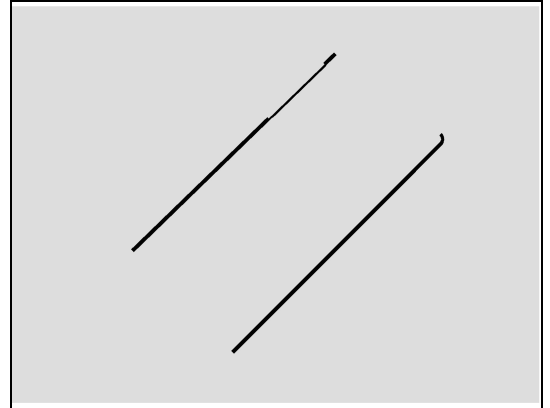
Place a new Adhesive Battery Cover Left and a new Adhesive Battery Cover Right with protection film onto the Fixture F31 Rear Panel Adhesive tool.

Note the correct orientation to be installed as shown in picture!

Use Isopropyl Alcohol – 99 % to clean around the attaching area of the Adhesive Battery Cover Left and Adhesive Battery Cover Right before assembly.

Place the old Battery Cover Assy onto the Fixture F31 Rear Panel Adhesive tool and press by hand.

Note the correct orientation to be installed as shown in picture!



Replacement

5.18 Adhesive Battery Cover Top

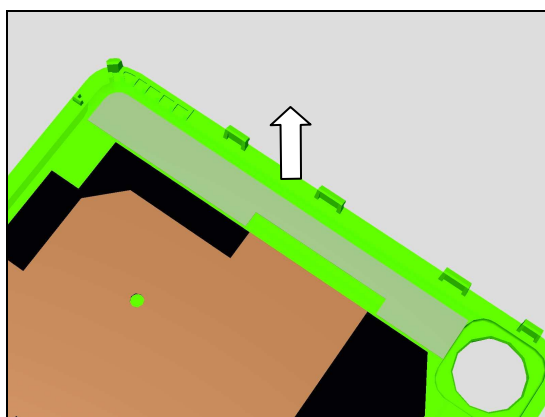
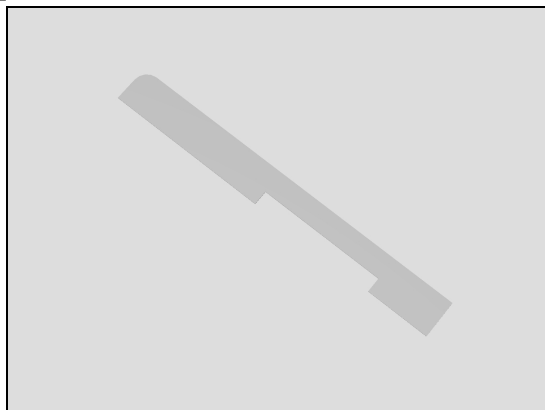
Follow the 4.1 – 4.2 Disassembly instructions!
Follow the 5.16, 5.17 and 5.23 Removal instructions!
 Prepare a new Adhesive Battery Cover Top.
Follow the 5.16, 5.17 and 5.23 Installation instructions!
Follow the 6.13 – 6.14 Reassembly instructions!

REMOVAL

Detach the Adhesive Battery Cover Top and remove it with a pair of Plastic Tweezers.

Scrap! Not to be reused!

Make sure all remaining adhesive residue have been removed!

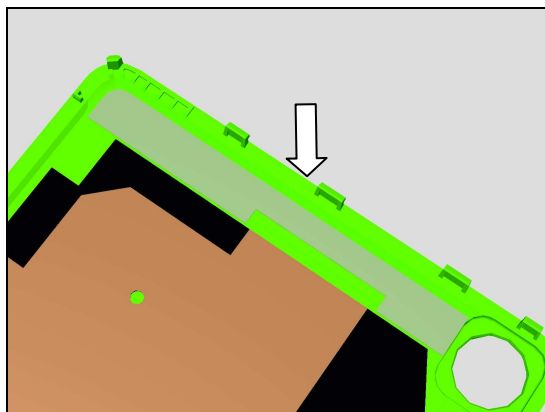


INSTALLATION

Use Isopropyl Alcohol – 99 % to clean around the attaching area of the Adhesive Battery Cover Top before assembly.

Attach a new Adhesive Battery Cover Top in alignment with the recess shape of the Battery Cover Assy as shown in picture.

Do not attach the Adhesive Battery Cover Top onto the NFC Antenna.



Replacement

5.19 Adhesive Camera Key FPC

Follow the 4.1 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.21, 5.23, 5.24, 5.26, 5.27, 5.28, 5.43, 5.44, 5.45, 5.47, 5.49, and 5.50 Removal instructions!

Prepare a new Adhesive Camera Key FPC.

Follow the 5.16, 5.17, 5.18, 5.21, 5.23, 5.24, 5.26, 5.27, 5.28, 5.43, 5.44, 5.45, 5.47, 5.49, and 5.50 Installation instructions!

Follow the 6.1 – 6.14 Reassembly instructions!

REMOVAL

Detach the Adhesive Camera Key FPC and remove it with a pair of Plastic Tweezers.

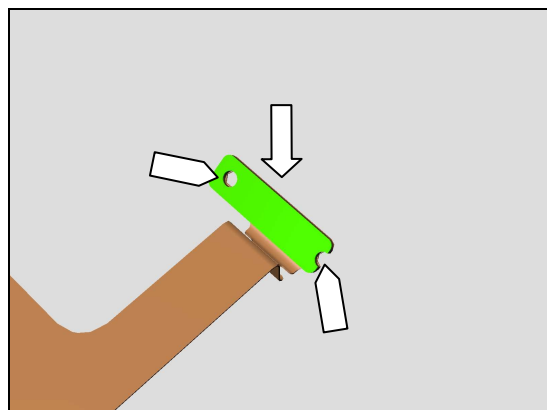
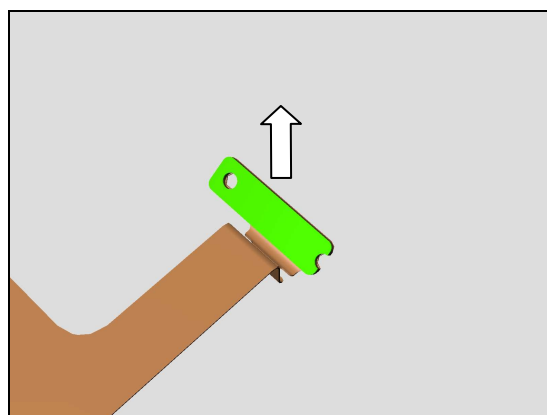
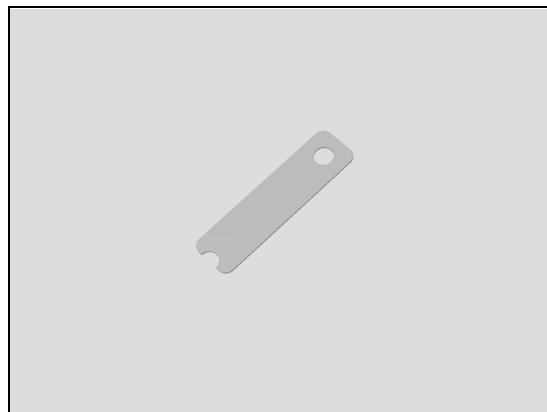
Scrap! Not to be reused!

Be careful! Do not damage the FPC.

Make sure all remaining adhesive residue on the FPC have been removed!

INSTALLATION

Attach a new Adhesive Camera Key FPC in its proper position as shown in picture.



Replacement

5.20 Adhesive LCM Left Side

Follow the 4.1 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.25, 5.28, 5.34, 5.41, 5.43, 5.44, 5.45, 5.47, 5.48, and 5.53 Removal instructions!

Prepare a new Adhesive LCM Left Side.

Follow the 5.16, 5.17, 5.18, 5.23, 5.25, 5.28, 5.34, 5.41, 5.43, 5.44, 5.45, 5.47, 5.48, and 5.53 Installation instructions!

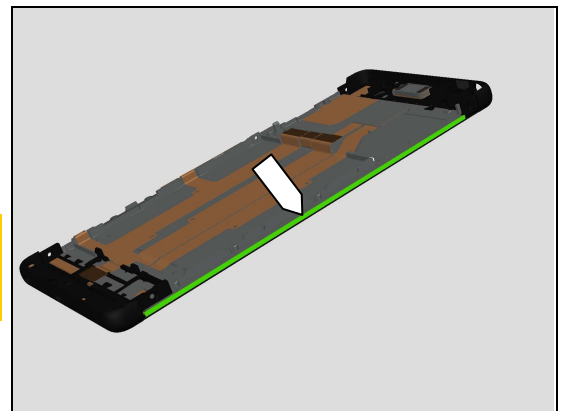
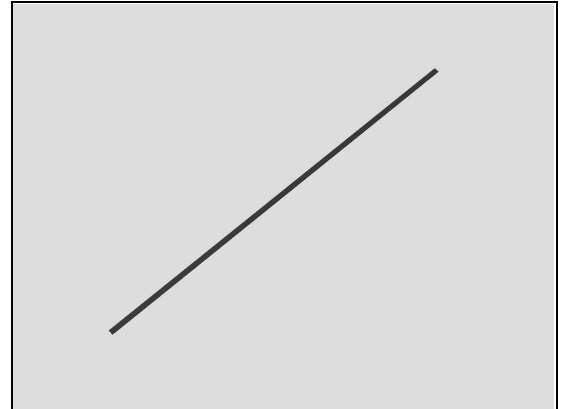
Follow the 6.1 – 6.14 Reassembly instructions!

REMOVAL

Detach the Adhesive LCM Left Side and remove it by fingers.

Scrap! Not to be reused!

Make sure all remaining adhesive residue have been removed!

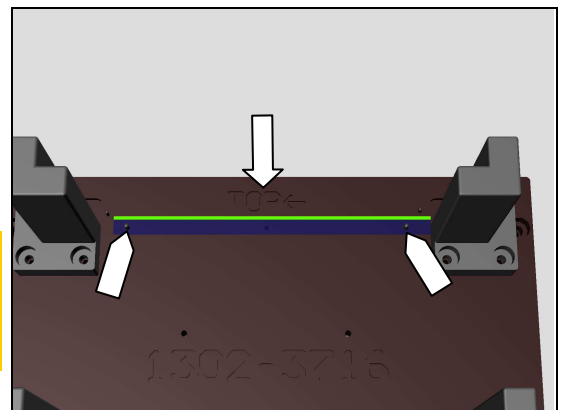


INSTALLATION

Place a new Adhesive LCM Left Side with protection film onto the Side panel adhesive position fixture in alignment with the position pins as shown in picture.

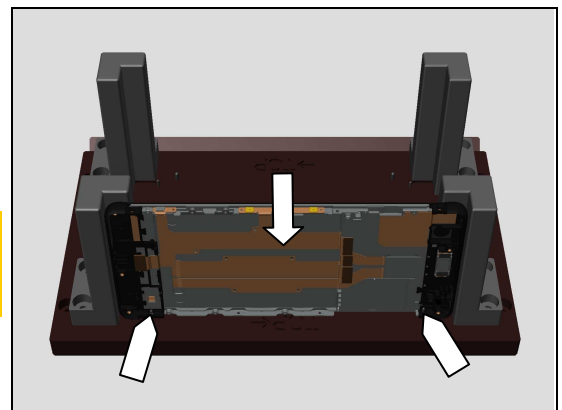
Choose the upper one for position of Adhesive LCM Left Side as shown in picture.

Note the correct orientation to be installed as shown in picture!



Insert the old Display Cover Assy onto the Side panel adhesive position fixture in alignment with the position pins as shown in picture and press by hand.

Note the correct orientation to be installed as shown in picture! Use the mark of 'Top<—' to identify the correct orientation.



Replacement

5.21 Adhesive LCM Right Side

Follow the 4.1 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.28, 5.43, 5.44, 5.45, and 5.49 Removal instructions!

Prepare a new Adhesive LCM Right Side.

Follow the 5.16, 5.17, 5.18, 5.23, 5.28, 5.43, 5.44, 5.45, and 5.49 Installation instructions!

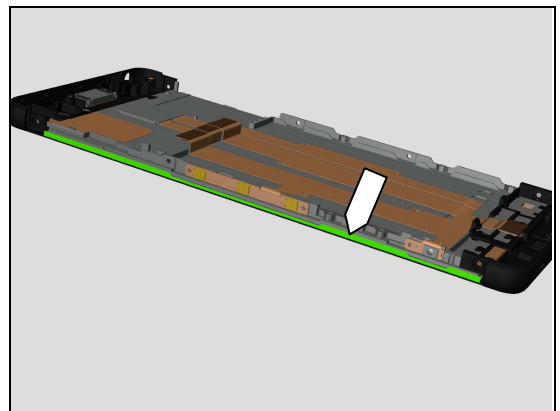
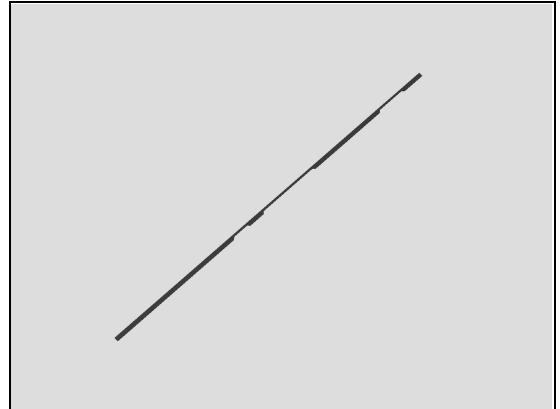
Follow the 6.1 – 6.14 Reassembly instructions!

REMOVAL

Detach the Adhesive LCM Right Side and remove it by fingers.

Scrap! Not to be reused!

Make sure all remaining adhesive residue have been removed!

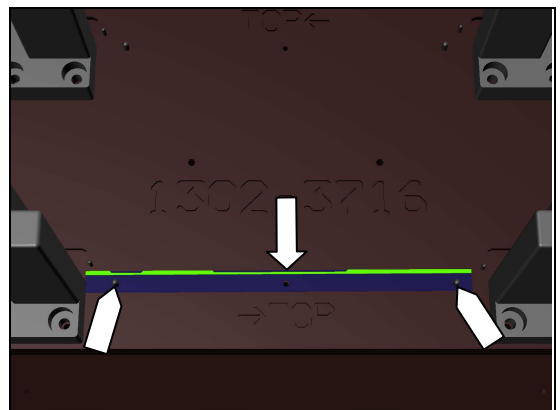


INSTALLATION

Place a new Adhesive LCM Right Side with protection film onto the Side panel adhesive position fixture in alignment with the position pins as shown in picture.

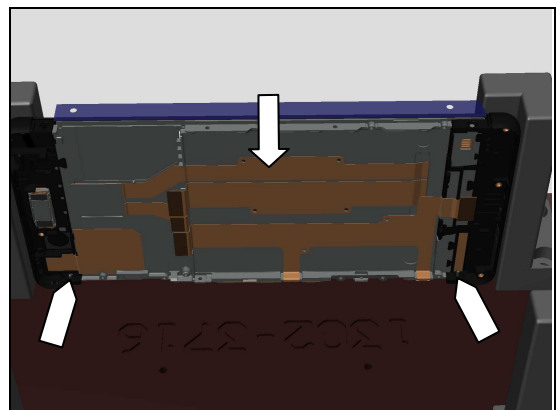
Choose the lower one for position of Adhesive LCM Right Side as shown in picture.

Note the correct orientation to be installed as shown in picture!



Insert the old Display Cover Assy onto the Side panel adhesive position fixture in alignment with the position pins as shown in picture and press by hand.

Note the correct orientation to be installed as shown in picture! Use the mark of "→Top" to identify the correct orientation.



Replacement

5.22 Adhesive Main Camera

Follow the 4.1 – 4.9 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.38, 5.39, 5.43, 5.44, 5.45, and 5.46 Removal instructions!

Prepare a new Adhesive Main Camera.

Follow the 5.16, 5.17, 5.18, 5.23, 5.38, 5.39, 5.43, 5.44, 5.45, and 5.46 Installation instructions!

Follow the 6.6 – 6.14 Reassembly instructions!

REMOVAL

Detach the Adhesive Main Camera.

Scrap! Not to be reused!

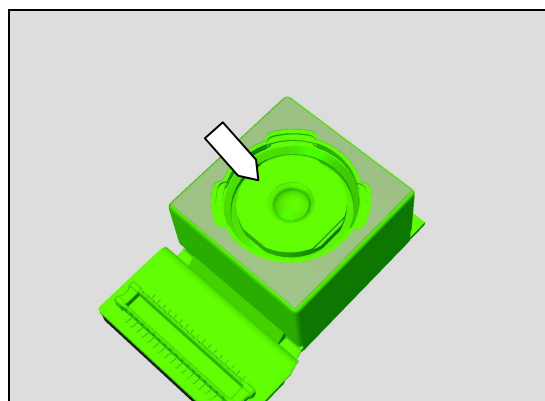
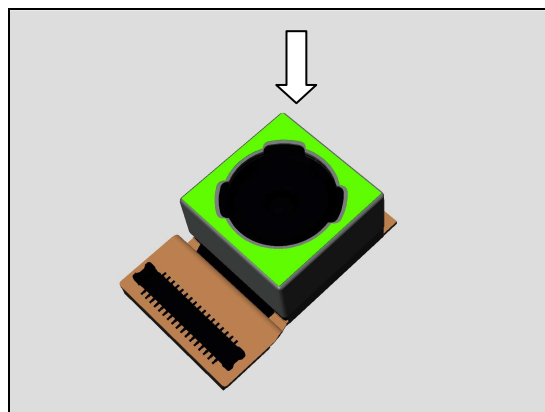
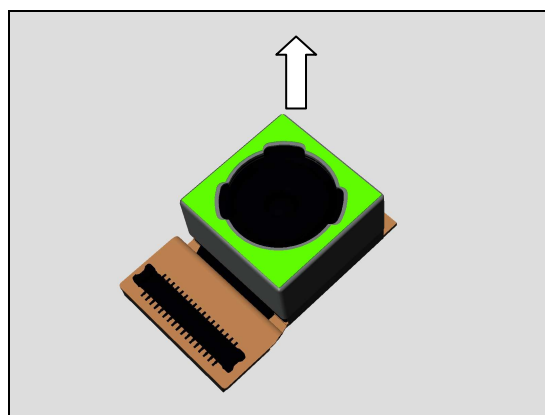
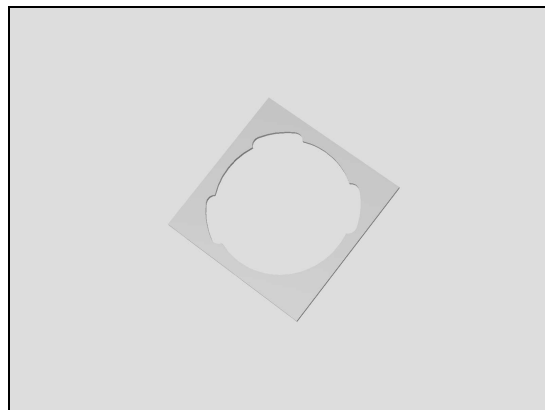
Make sure all remaining adhesive residue have been removed!

INSTALLATION

Attach a new Adhesive Main Camera in its proper position as shown in picture.

Note the correct orientation to be installed as shown in picture!

The Adhesive Main Camera must not block this part as the arrow indicated after attachment.



Replacement

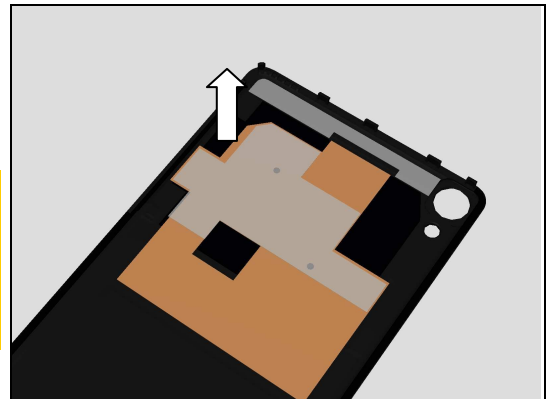
5.23 Adhesive NFC

Follow the 4.1 – 4.2 Disassembly instructions!
Follow the 5.16, 5.17, and 5.18 Removal instructions!
Prepare a new Adhesive NFC.
Follow the 5.16, 5.17, and 5.18 Installation instructions!
Follow the 6.13 – 6.14 Reassembly instructions!

REMOVAL

Detach the Adhesive NFC by fingers.

Scrap! Not to be reused!
Do not damage the Conductor Foil Battery Cover and NFC Antenna.
Make sure all remaining adhesive residue have been removed!

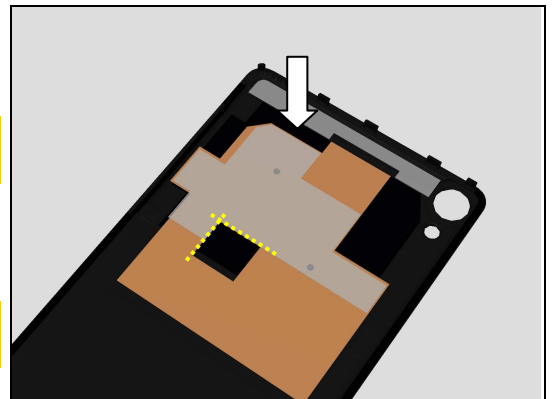


INSTALLATION

Use Isopropyl Alcohol – 99 % to clean around the attaching area of the Adhesive NFC before assembly.

Attach the Adhesive NFC in its proper position as shown in picture.

Note! Do not attach Adhesive NFC onto the NFC Antenna.



Replacement

5.24 Adhesive Power_Volume Key FPC

Follow the 4.1 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.19, 5.21, 5.23, 5.26, 5.27, 5.28, 5.43, 5.44, 5.45, 5.47, 5.49, and 5.50 Removal instructions!

Prepare a new Adhesive Power_Volume Key FPC.

Follow the 5.16, 5.17, 5.18, 5.19, 5.21, 5.23, 5.26, 5.27, 5.28, 5.43, 5.44, 5.45, 5.47, 5.49, and 5.50 Installation instructions!

Follow the 6.1 – 6.14 Reassembly instructions!

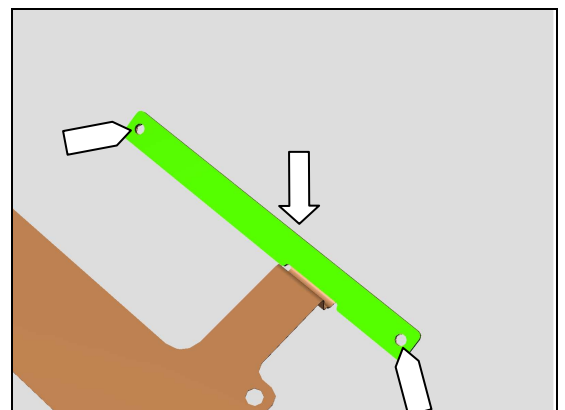
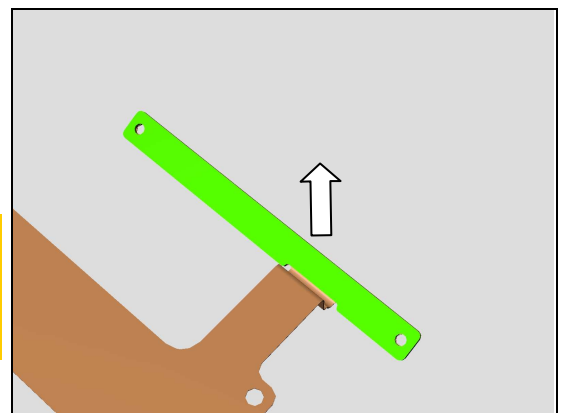
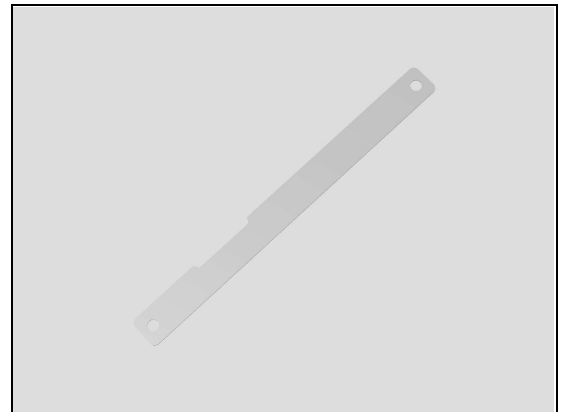
REMOVAL

Detach the Adhesive Power_Volume Key FPC and remove it with a pair of Plastic Tweezers.

Scrap! Not to be reused!

Be careful! Do not damage the FPC.

Make sure all remaining adhesive residue on the FPC have been removed!



INSTALLATION

Attach a new Adhesive Power_Volume Key FPC in its proper position as shown in picture.

Replacement

5.25 Adhesive Side Deco Left

Follow the 4.1 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.20, 5.23, 5.28, 5.34, 5.41, 5.43, 5.44, 5.45, 5.47, 5.48, and 5.53 Removal instructions!

Prepare a new Adhesive Side Deco Left.

Follow the 5.16, 5.17, 5.18, 5.20, 5.23, 5.28, 5.34, 5.41, 5.43, 5.44, 5.45, 5.47, 5.48, and 5.53 Installation instructions!

Follow the 6.1 – 6.14 Reassembly instructions!

REMOVAL

Detach the Adhesive Side Deco Left and remove it with a pair of Plastic Tweezers.

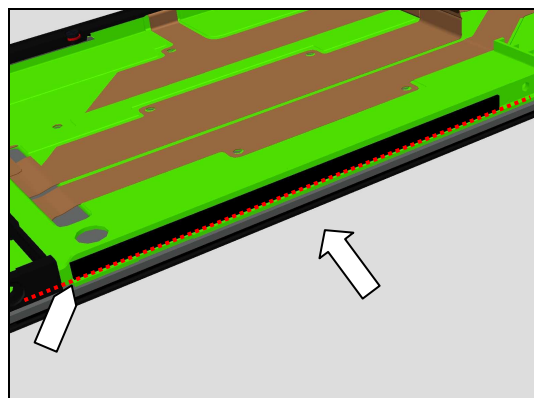
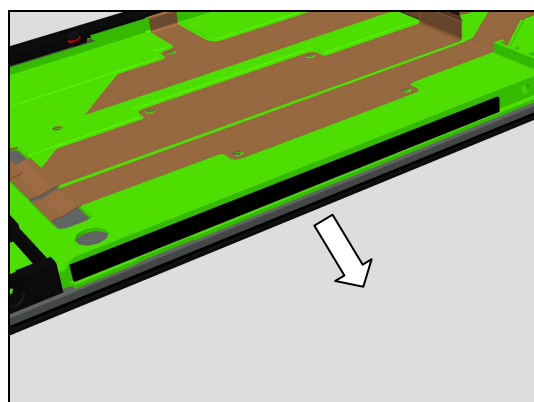
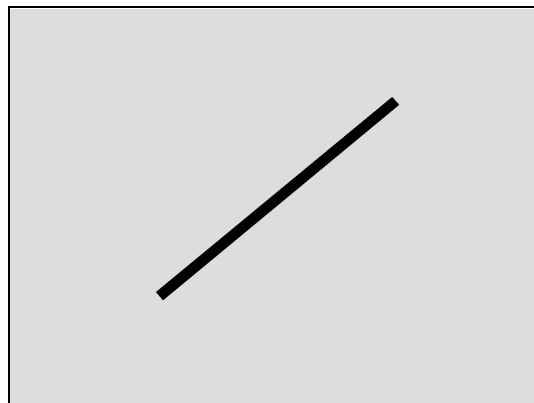
Scrap! Not to be reused!

Make sure all remaining adhesive residue on the FPC have been removed!

INSTALLATION

Attach a new Adhesive Side Deco Left in its proper position as shown in picture.

Note the left end of the Adhesive Side Deco Left must not exceed the rib as the arrow indicated.



Replacement

5.26 Adhesive Side Key FPC_A

Follow the 4.1 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.19, 5.21, 5.23, 5.24, 5.27, 5.28, 5.43, 5.44, 5.45, 5.47, 5.49, and 5.50 Removal instructions!

Prepare a new Adhesive Side Key FPC_A.

Follow the 5.16, 5.17, 5.18, 5.19, 5.21, 5.23, 5.24, 5.27, 5.28, 5.43, 5.44, 5.45, 5.47, 5.49, and 5.50 Installation instructions!

Follow the 6.1 – 6.14 Reassembly instructions!

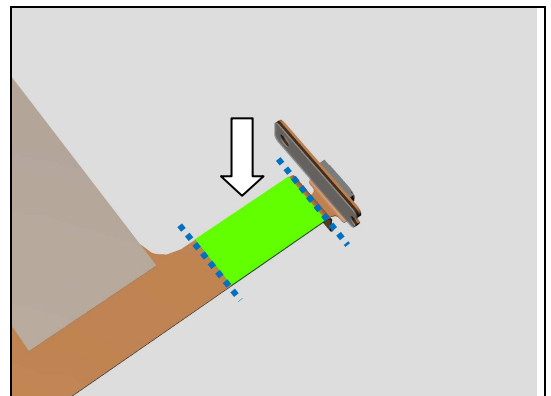
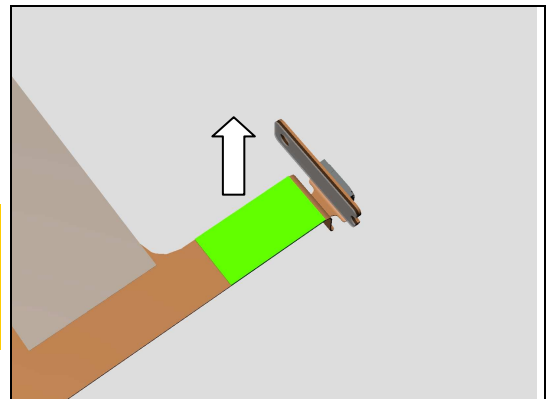
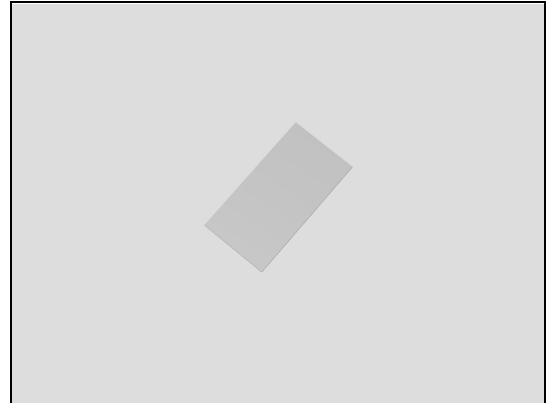
REMOVAL

Detach the Adhesive Side Key FPC_A and remove it with a pair of Plastic Tweezers.

Scrap! Not to be reused!

Be careful! Do not damage the FPC.

Make sure all remaining adhesive residue on the FPC have been removed!



INSTALLATION

Attach a new Adhesive Side Key FPC_A in alignment with the guiding lines as shown in picture.

Replacement

5.27 Adhesive Side Key FPC_B

Follow the 4.1 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.19, 5.21, 5.23, 5.24, 5.26, 5.28, 5.43, 5.44, 5.45, 5.47, 5.49, and 5.50 Removal instructions!

Prepare a new Adhesive Side Key FPC_B.

Follow the 5.16, 5.17, 5.18, 5.19, 5.21, 5.23, 5.24, 5.26, 5.28, 5.43, 5.44, 5.45, 5.47, 5.49, and 5.50 Installation instructions!

Follow the 6.1 – 6.14 Reassembly instructions!

REMOVAL

Detach the Adhesive Side Key FPC_B and remove it with a pair of Plastic Tweezers.

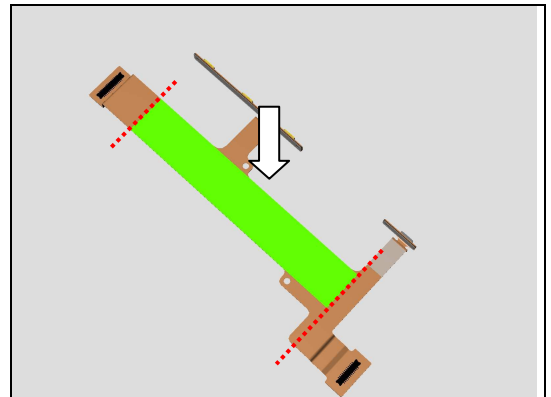
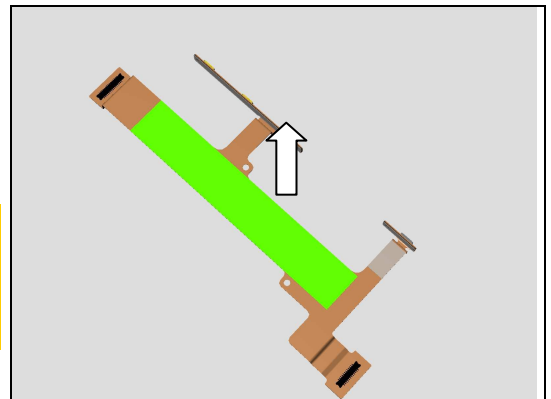
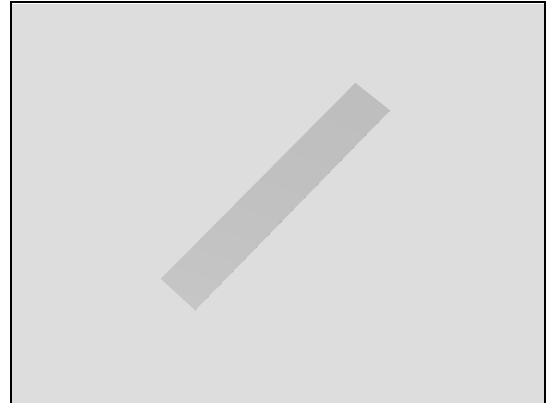
Scrap! Not to be reused!

Be careful! Do not damage the FPC.

Make sure all remaining adhesive residue on the FPC have been removed!

INSTALLATION

Attach a new Adhesive Side Key FPC_B in alignment with the guiding lines as shown in picture.



Replacement

5.28 Battery, Film Mylar Battery Left and Film Mylar Battery Right

Follow the 4.1 – 4.2 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, and 5.23 Removal instructions!

Prepare a new Battery, Film Mylar Battery Left and Film Mylar Battery Right.

Follow the 5.16, 5.17, 5.18, and 5.23 Installation instructions!

Follow the 6.13 – 6.14 Reassembly instructions!

REMOVAL

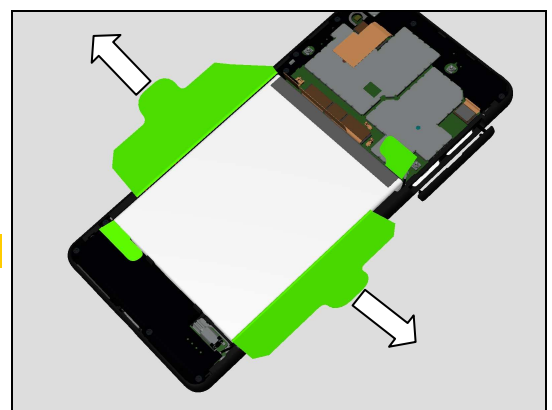
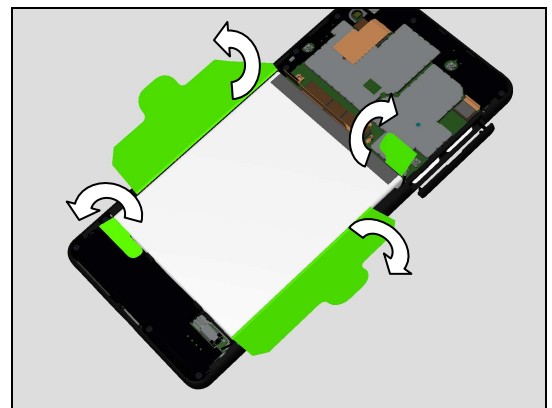
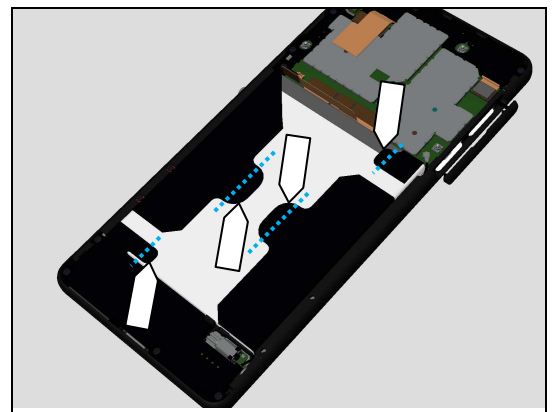
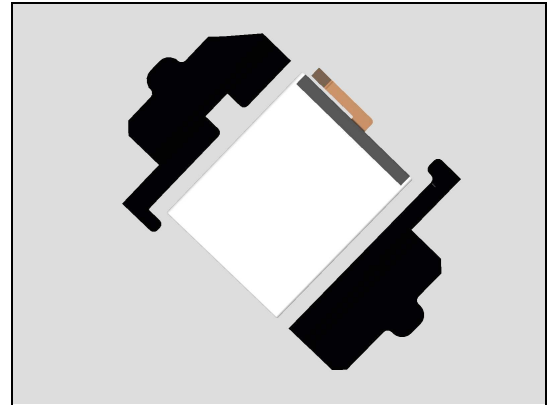
Disconnect the Battery connector.

Identify the four release tabs as shown in picture.

Detach the mylars as shown in picture.

Pull out the Film Mylar Battery Left and Film Mylar Battery Right as shown in picture.

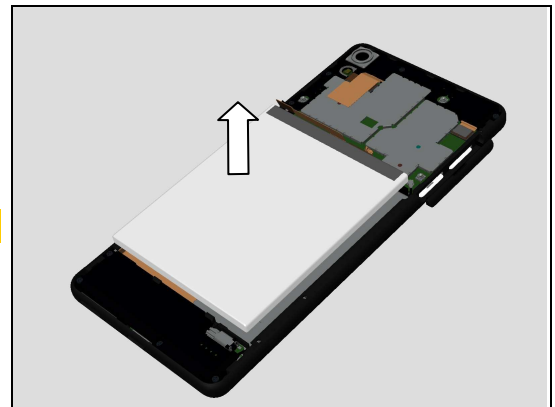
Scrap! Not to be reused!



Replacement: Battery, Film Mylar Battery Left and Film Mylar Battery Right

Remove the Battery.

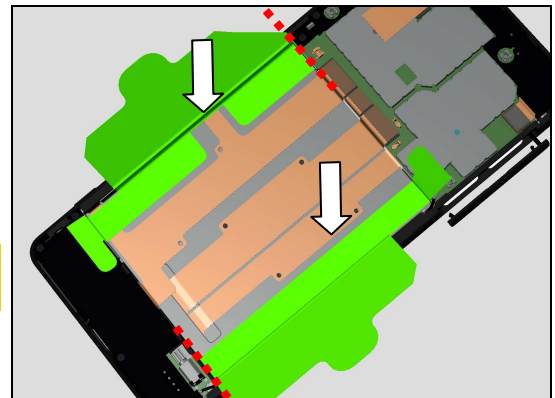
Scrap! Not to be reused!



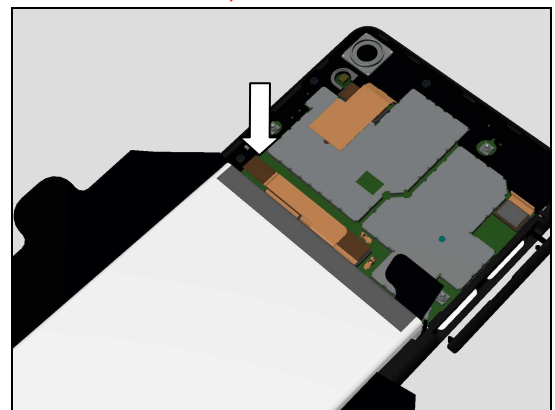
INSTALLATION

Attach a new Film Mylar Battery Left and Film Mylar Battery Right onto their proper position as shown in picture.

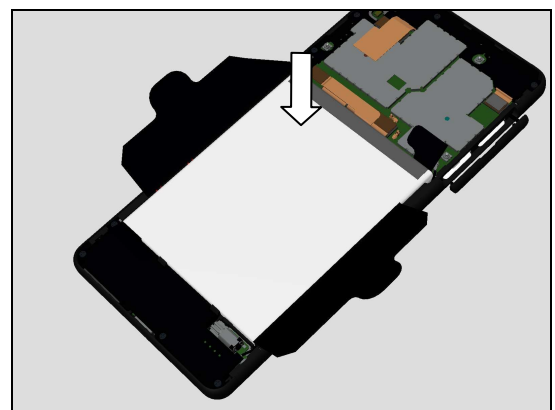
Do not attach the Film Mylar Battery Left and Film Mylar Battery Right onto the FPC!



Press to snap the Battery connector.



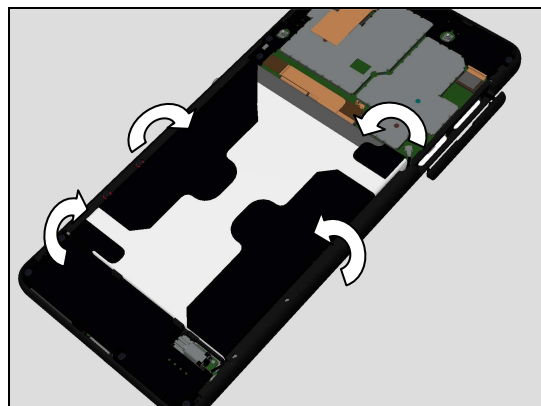
Then mount the Battery into its cavity.



Replacement: Battery, Film Mylar Battery Left and Film Mylar Battery Right

Attach the mylars as shown in picture.

Make sure the mylars attachment is tight and smooth.



Replacement

5.29 Cap SIM/SD

Prepare a new Cap SIM/SD.

REMOVAL

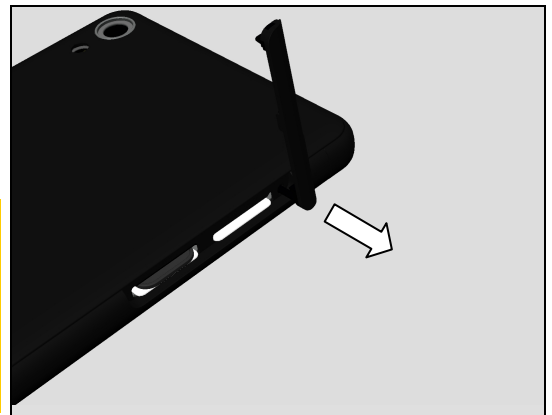
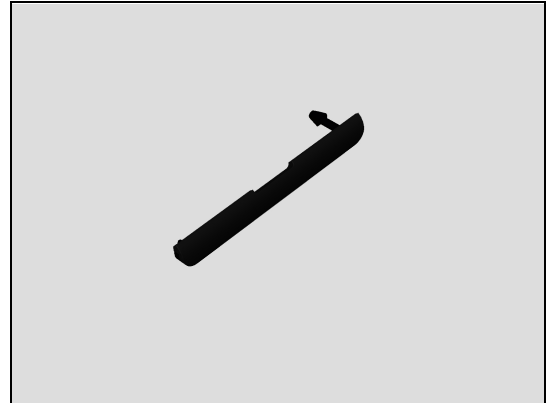
Open the Cap SIM/SD and turn the Cap SIM/SD as shown in picture.

Pull out the Cap SIM/SD.

Scrap! Not to be reused!

Note! Hold the Cap SIM/SD tail to pull out.

The Cap SIM/SD need to be turned 90 degrees before pulling out as shown in picture, otherwise the block end of the Cap SIM/SD tail may break and be left in the phone when pulling.

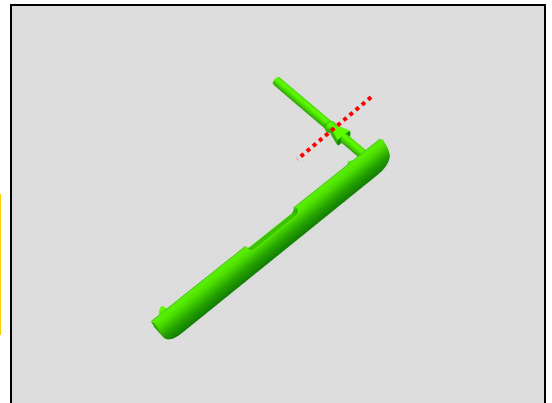


INSTALLATION

Prepare a new Cap SIM/SD.

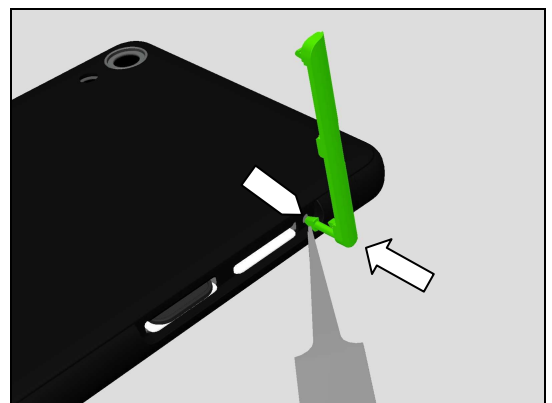
Make sure cutting the surplus part of the Cap SIM/SD tail by a pair of scissors before mounting.

The surplus part has risk to damage the components on the Main PBA.



Push by using a pair of pointed plastic tweezers to insert the Cap SIM/SD into its hole as shown in picture.

Then turn the Cap SIM/SD back and close the Cap SIM/SD.



Replacement

5.30 Conductive Gasket Audio Jack

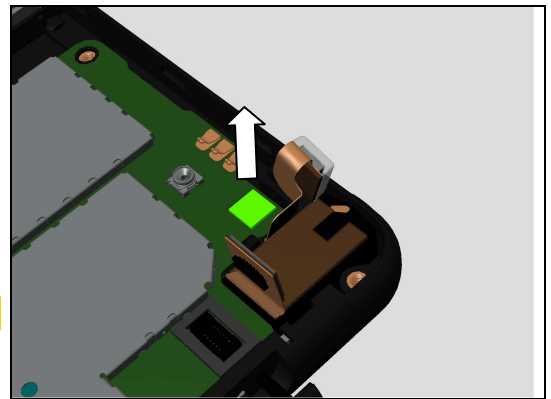
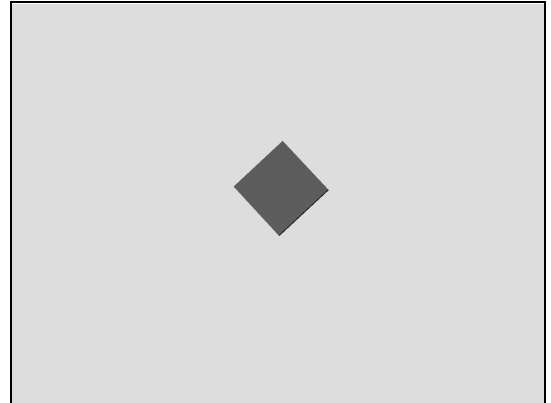
Follow the 4.1 – 4.3 and 4.7 – 4.8 Disassembly instructions!
Follow the 5.16, 5.17, 5.18 and 5.23 Removal instructions!
 Prepare a new Conductive Gasket Audio Jack.
Follow the 5.16, 5.17, 5.18 and 5.23 Installation instructions!
Follow the 6.7 – 6.8 and 6.12 – 6.14 Reassembly instructions!

REMOVAL

Release 2nd Mic rubber FPC of the Audio Jack Assy from its cavity as shown in picture.

Then detach the Conductive Gasket Audio Jack and remove it with a pair of Plastic Tweezers.

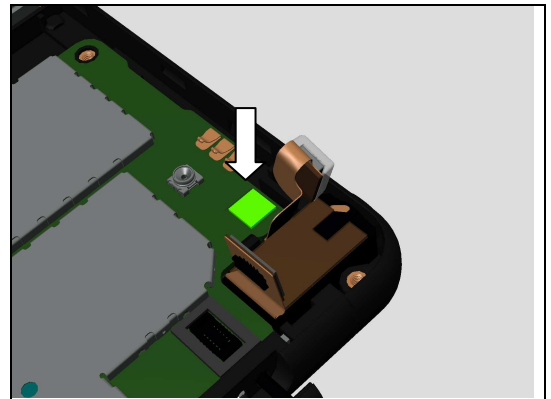
Scrap! Not to be reused!



INSTALLATION

Attach a new Conductive Gasket Audio Jack in its proper position by using a pair of Plastic Tweezers as shown in picture.

Then mount the 2nd Mic rubber FPC of the Audio Jack Assy into its cavity as shown in picture.



Replacement

5.31 Conductive Gasket Main Camera Bracket

Follow the 4.1 – 4.9 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.38, 5.43, 5.44, 5.45, and 5.46 Removal instructions!

Prepare a new Conductive Gasket Main Camera Bracket.

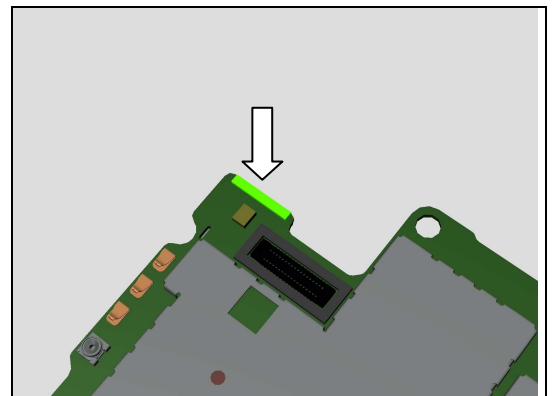
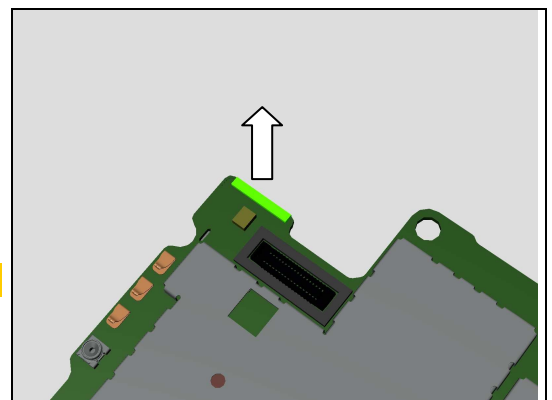
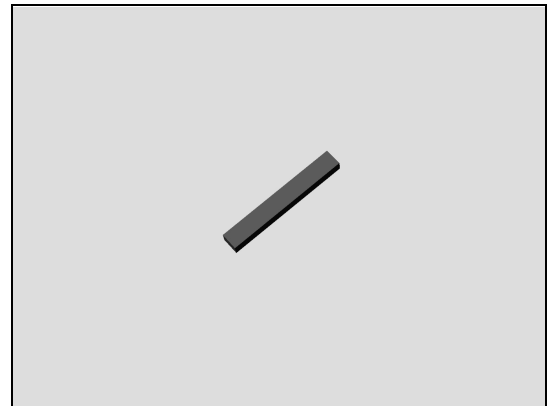
Follow the 5.16, 5.17, 5.18, 5.23, 5.38, 5.43, 5.44, 5.45, and 5.46 Installation instructions!

Follow the 6.6 – 6.14 Reassembly instructions!

REMOVAL

Detach the Conductive Gasket Main Camera Bracket and remove it with a pair of Plastic Tweezers.

Scrap! Not to be reused!



INSTALLATION

Attach a new Conductive Gasket Main Camera Bracket in its proper position by using a pair of Plastic Tweezers as shown in picture.

Replacement

5.32 Conductive Tape Front Camera

Follow the 4.1 – 4.6 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, and 5.44 Removal instructions!

Prepare a new Conductive Tape Front Camera.

Follow the 5.16, 5.17, 5.18, 5.23, and 5.44 Installation instructions!

Follow the 6.9 – 6.14 Reassembly instructions!

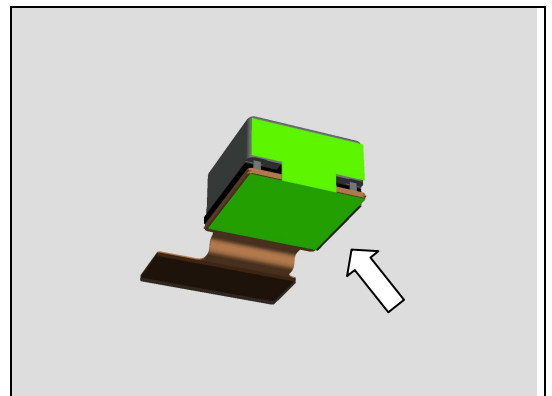
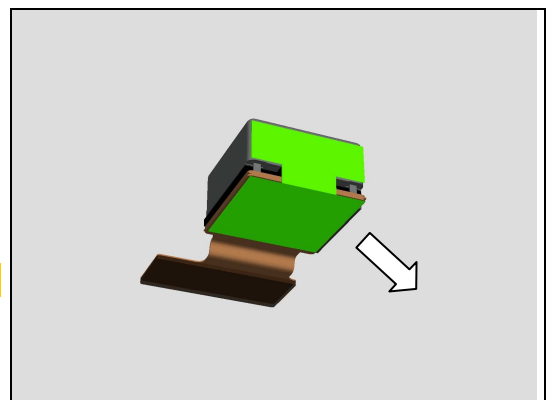
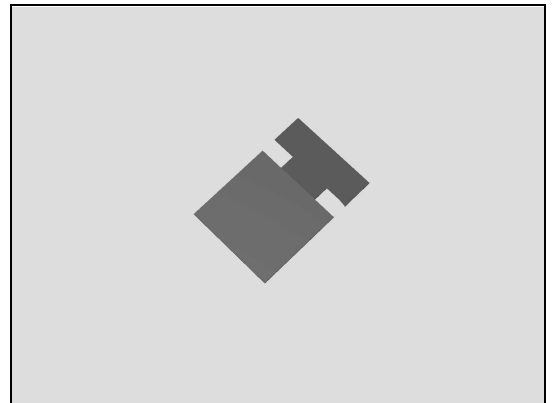
REMOVAL

Detach the Conductive Tape Front Camera and remove it with a pair of Plastic Tweezers.

Scrap! Not to be reused!

INSTALLATION

Attach a new Conductive Tape Front Camera in alignment with the shape of the Front Camera by using a pair of Plastic Tweezers as shown in picture.



Replacement

5.33 Conductor Foil Battery Cover and NFC Antenna

Follow the 4.1 – 4.2 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, and 5.23 Removal instructions!

Prepare a new Conductor Foil Battery Cover and NFC Antenna.

Follow the 5.16, 5.17, 5.18, and 5.23 Installation instructions!

Follow the 6.13 – 6.14 Reassembly instructions!

Note! NFC Antenna and Conductor Foil Battery Cover must be replaced together if NFC Antenna detached or damaged or if Conductor Foil Battery Cover detached or wrinkled.

REMOVAL

Detach the Conductor Foil Battery Cover and NFC Antenna and remove them with a pair of Plastic Tweezers.

Scrap! Not to be reused!

Make sure all remaining adhesive residue have been removed before installation!

INSTALLATION

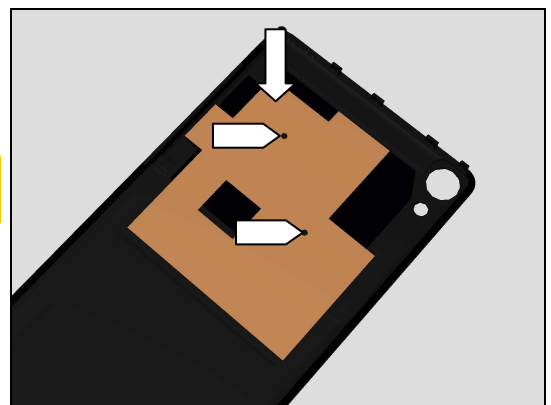
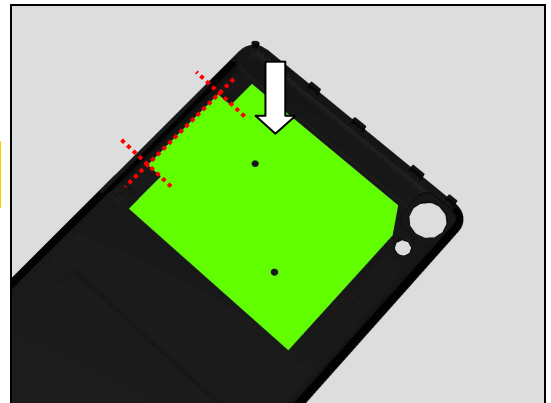
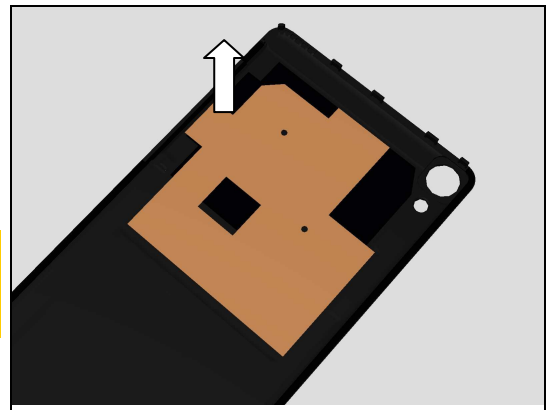
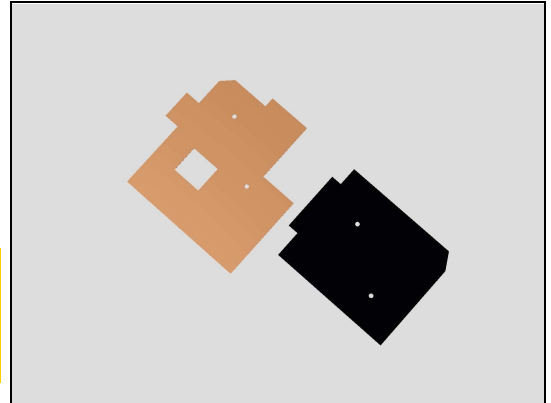
Use Isopropyl Alcohol – 99 % to clean around the attaching area of the NFC Antenna before assembly.

Attach a new NFC Antenna in alignment with the three guiding lines on the Battery Cover Assy as shown in picture by fingers.

Attach a new Conductor Foil Battery Cover in alignment with the two position pins as shown in picture by fingers.

Be careful! Do not block the contact pads of NFC Antenna.

Then press Conductor Foil Battery Cover and NFC Antenna to secure their attachment.



Replacement

5.34 Conductor Tape Sub PBA

Follow the 4.1 – 4.2 and 4.13 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.47 and 5.53 Removal instructions!

Prepare a new Conductor Tape Sub PBA.

Follow the 5.16, 5.17, 5.18, 5.23, 5.47 and 5.53 Installation instructions!

Follow the 6.1 – 6.2 and 6.13 – 6.14 Reassembly instructions!

REMOVAL

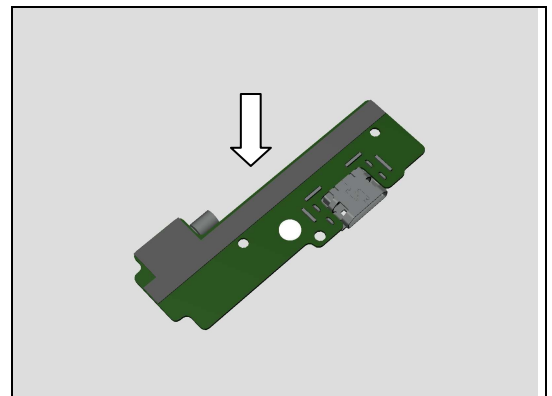
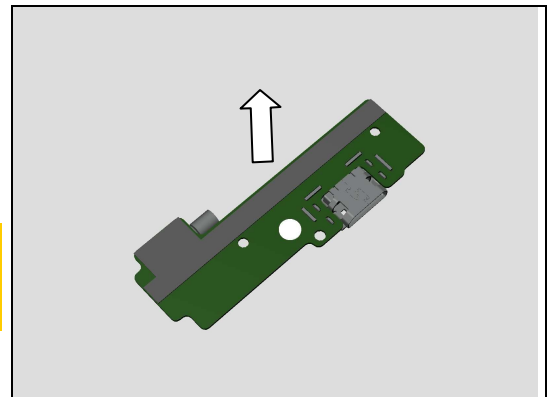
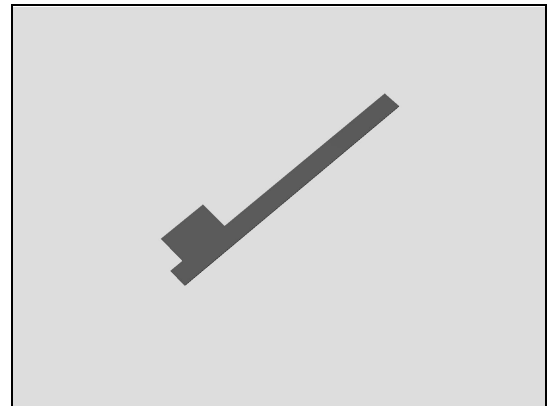
Detach the Conductor Tape Sub PBA and remove it with a pair of Plastic Tweezers.

Scrap! Not to be reused!

Make sure all remaining adhesive residue have been removed before installation!

INSTALLATION

Attach a new Conductor Tape Sub PBA in alignment with the Sub PBA Assy shape as shown in picture by fingers.



Replacement

5.35 CU Label

Follow the 4.1 Disassembly instructions!
Prepare a new CU Label.
Follow the 6.14 Reassembly instructions!

REMOVAL

Open the Cap SIM/SD.
 Pull out the CU Label Tray with fingers.

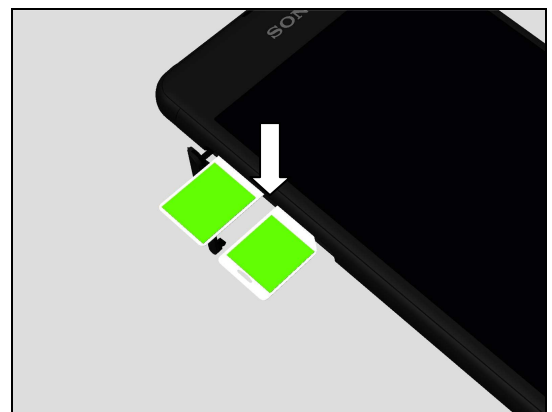
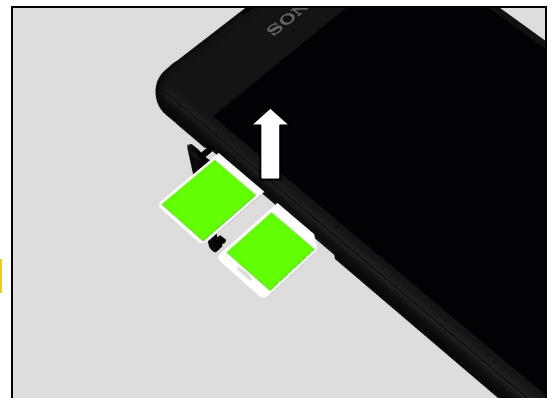
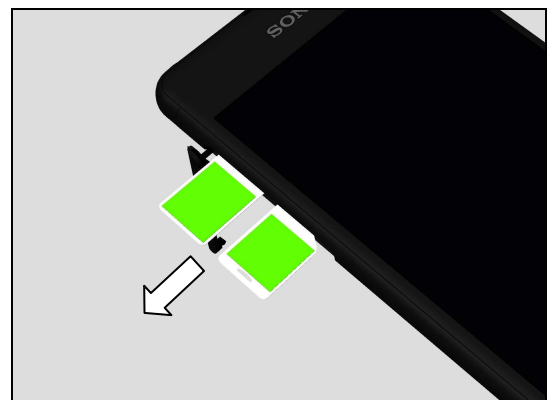
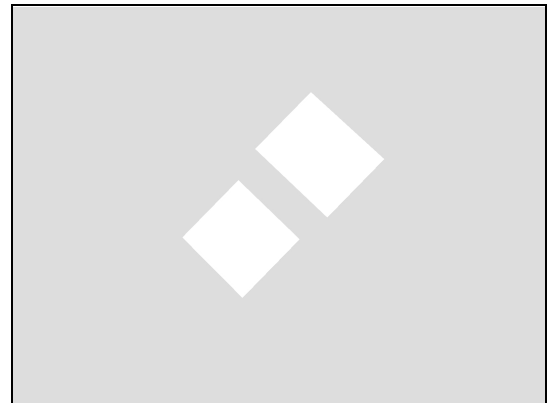
Read the old CU Label and/or write the information into the 'Label Print Solution' program before removal.
 Carefully remove the CU Label by using the Flex Film Assembly Tool.

Scrap! Not to be reused.

INSTALLATION

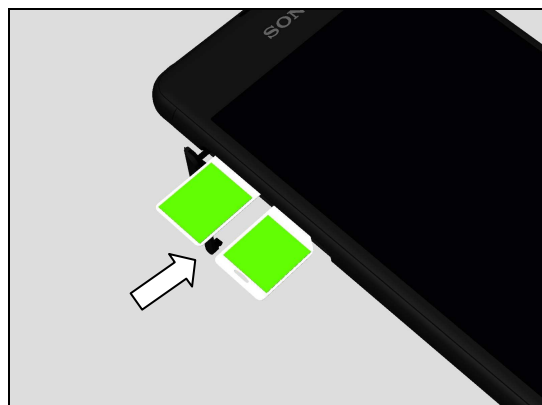
Check that the label format is properly loaded in the Zebra printer and write a new Label using the 'Label Print Solution' software.

Attach a new CU Label in its proper position as shown in picture.



Replacement: CU Label

Push the CU Label Tray into the slot.
Close the Cap SIM/SD.



Replacement

5.36 Key Camera

Follow the 4.1 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.21, 5.23, 5.28, 5.43, 5.44, 5.45, and 5.49 Removal instructions!

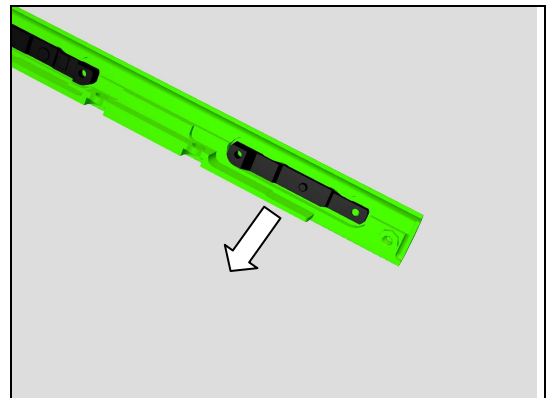
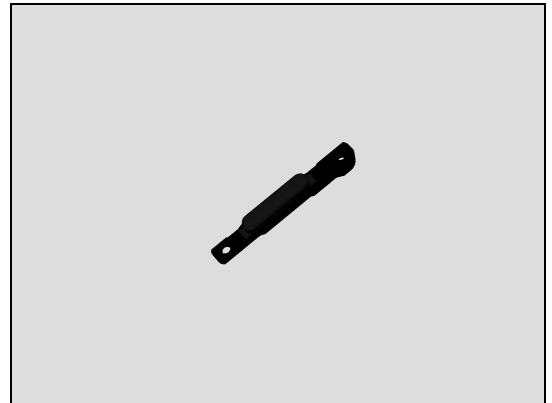
Prepare a new Key Camera.

Follow the 5.16, 5.17, 5.18, 5.21, 5.23, 5.28, 5.43, 5.44, 5.45, and 5.49 Installation instructions!

Follow the 6.1 – 6.14 Reassembly instructions!

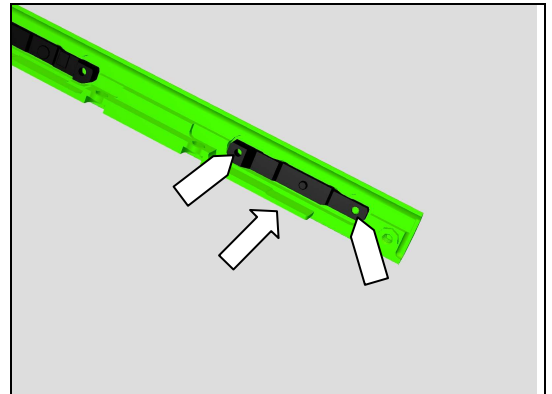
REMOVAL

Remove the Key Camera by using plastic tweezers.

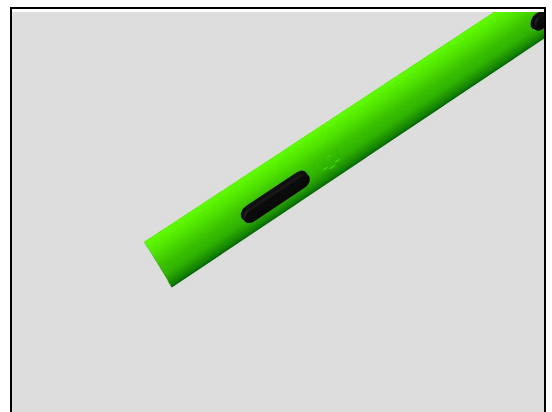


INSTALLATION

Mount the Key Camera in alignment with the two position pins as shown in picture.



Check the Key Camera to be mounted correct position from the other side.



Replacement

5.37 Key Power_Volume

Follow the 4.1 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.21, 5.23, 5.28, 5.43, 5.44, 5.45, and 5.49 Removal instructions!

Prepare a new Key Power_Volume.

Follow the 5.16, 5.17, 5.18, 5.21, 5.23, 5.28, 5.43, 5.44, 5.45, and 5.49 Installation instructions!

Follow the 6.1 – 6.14 Reassembly instructions!

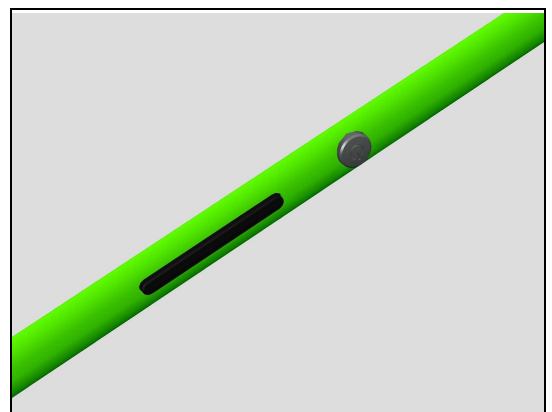
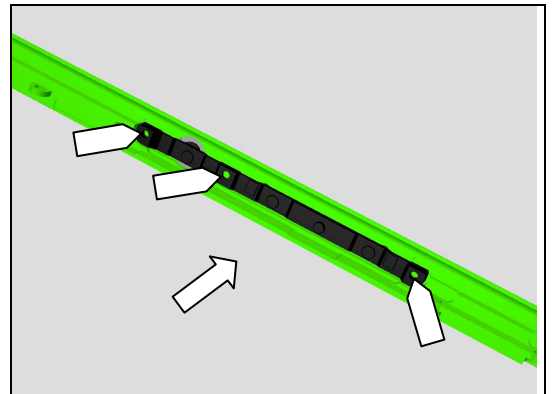
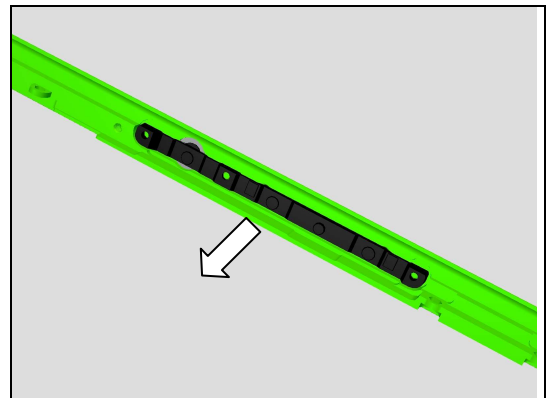
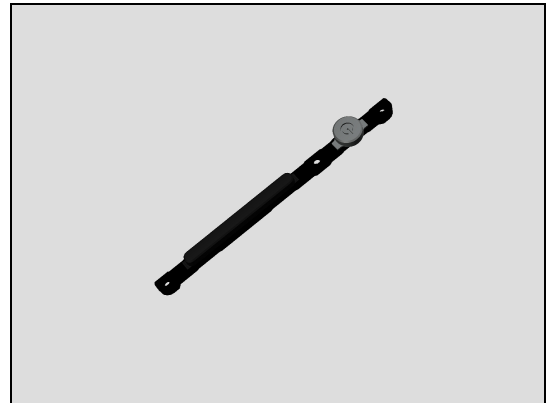
REMOVAL

Remove the Key Power_Volume by using plastic tweezers.

INSTALLATION

Mount the Key Power_Volume in alignment with the three position pins as shown in picture.

Check the Key Power_Volume to be mounted correct position from the other side.



Replacement

5.38 Main Camera

Follow the 4.1 – 4.9 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Removal instructions!

Prepare a new Main Camera.

Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, 5.45 and 5.51 Installation instructions!

Follow the 6.6 – 6.14 Reassembly instructions!

REMOVAL

Disconnect the Main Camera connector by using the Front Opening Tool.

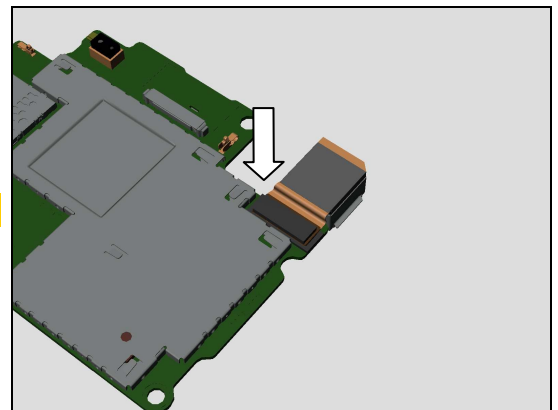
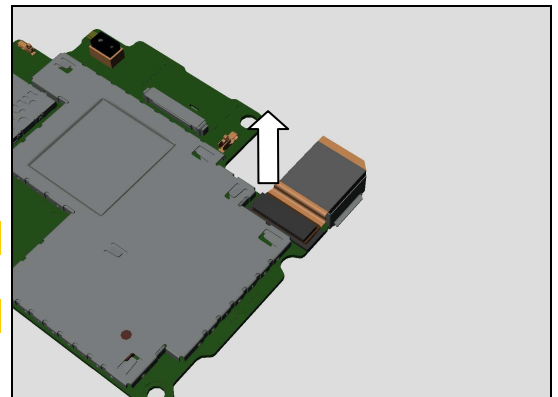
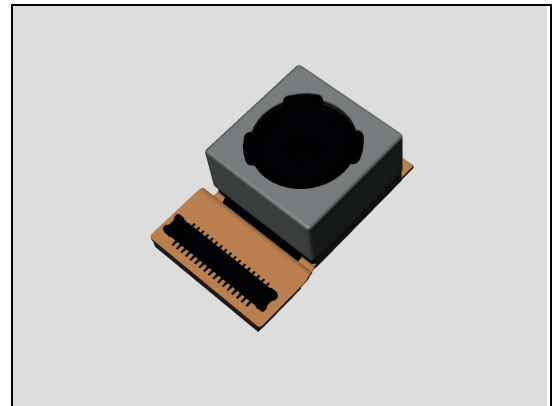
Do not damage components on the Main PBA!

Follow the 5.39 and 5.46 Removal instructions!

INSTALLATION

Follow the 5.22, 5.39, and 5.46 Installation instructions!

Press to snap the Main Camera connector.



Replacement

5.39 Main Camera Lens Assy

Follow the 4.1 – 4.9 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.38, 5.43, 5.44, 5.45 and 5.46 Removal instructions!

Prepare a new Main Camera Lens Ass.

Follow the 5.16, 5.17, 5.18, 5.23, 5.38, 5.43, 5.44, 5.45 and 5.46 Installation instructions!

Follow the 6.6 – 6.14 Reassembly instructions!

REMOVAL

Detach to remove the Main Camera Lens Assy.

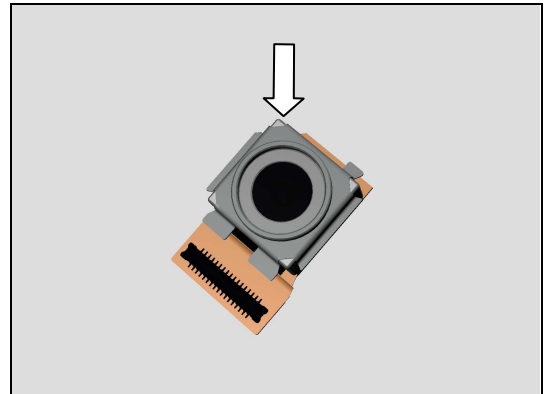
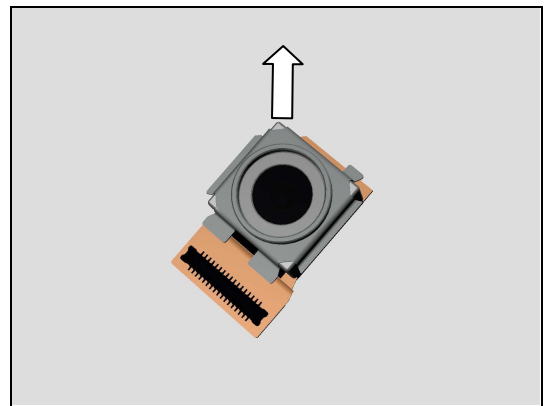
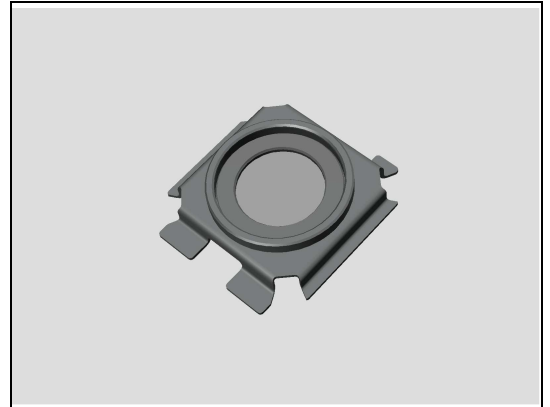
Follow the 5.22 Removal instructions!

INSTALLATION

Follow the 5.22 Installation instructions!

Attach a new Main Camera Lens Assy in its correct direction as shown in picture.

Carefully clean the Main Camera Lens before assembly.



Replacement

5.40 Receiver and Adhesive Receiver

Follow the 4.1 – 4.9 Disassembly instructions!
Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Removal instructions!
Prepare a new Receiver and Adhesive Receiver.
Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Installation instructions!
Follow the 6.6 – 6.14 Reassembly instructions!

REMOVAL

Apply the Blunt flat -tip Plastic Tweezers to this recess area as shown in picture.

Apply the Blunt flat -tip Plastic Tweezers from the bottom side of the Receiver as the indicated position shown in picture.

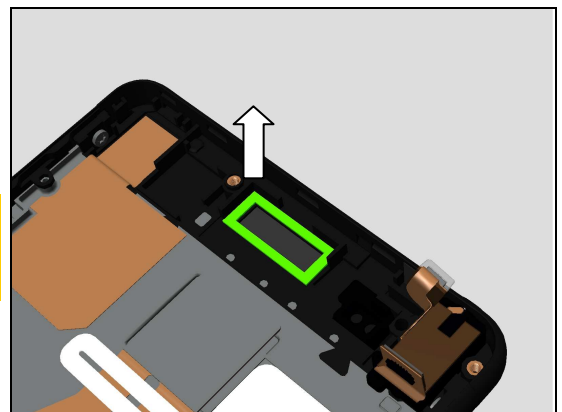
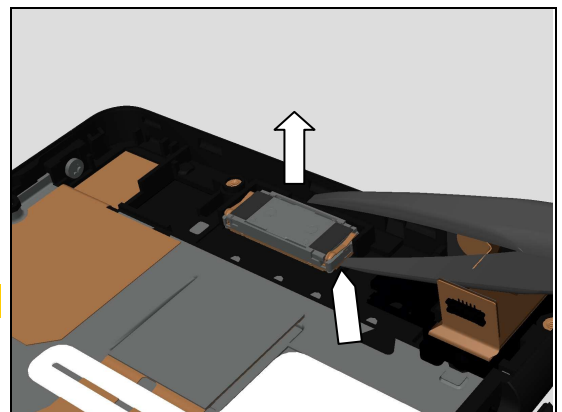
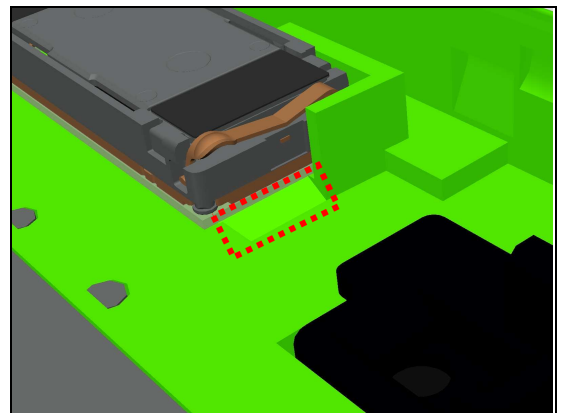
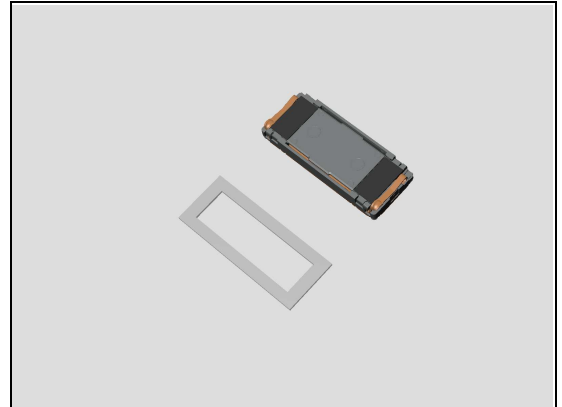
And then lift up the tweezers to detach the Receiver as shown in picture.

Be careful! Do not damage the Receiver.

Detach to remove the Adhesive Receiver by using the Blunt-tip Plastic Tweezers.

Scrap! Not to be reused!

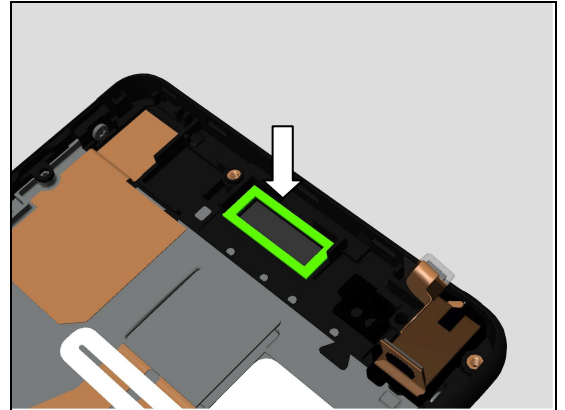
Make sure all remaining adhesive residue have been removed!



Replacement: Receiver and Adhesive Receiver

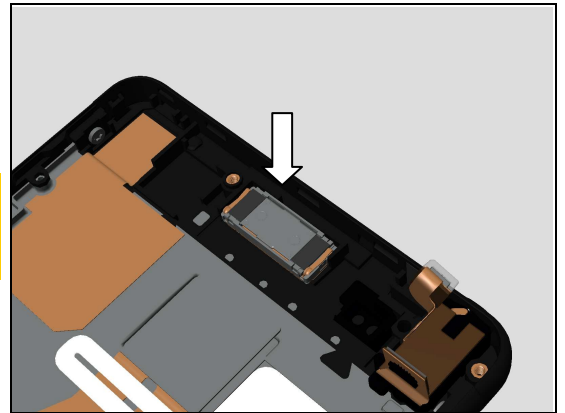
INSTALLATION

Attach a new Adhesive Receiver in its cavity as shown in picture.



Mount a new Receiver in its cavity and press it.

Note the correct orientation of the Receiver contact springs to be installed as shown in picture!
Be careful! Do not press contact springs when pressing.



Replacement

5.41 RF Cable

Follow the 4.1 – 4.2 and 4.13 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, and 5.28 Removal instructions!

Prepare a new RF Cable.

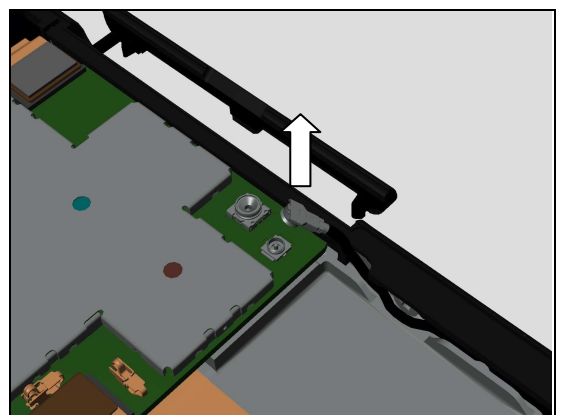
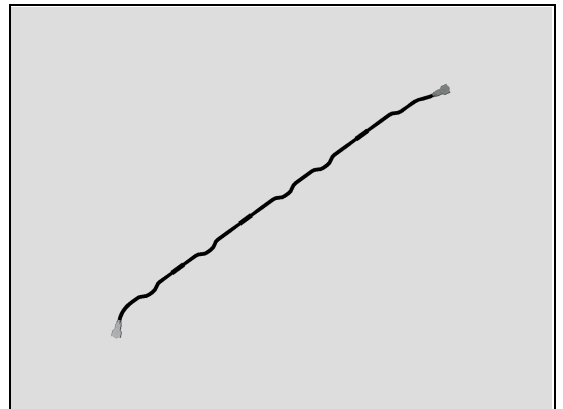
Follow the 5.16, 5.17, 5.18, 5.23, and 5.28 Installation instructions!

Follow the 6.1 – 6.2 and 6.13 – 6.14 Reassembly instructions!

REMOVAL

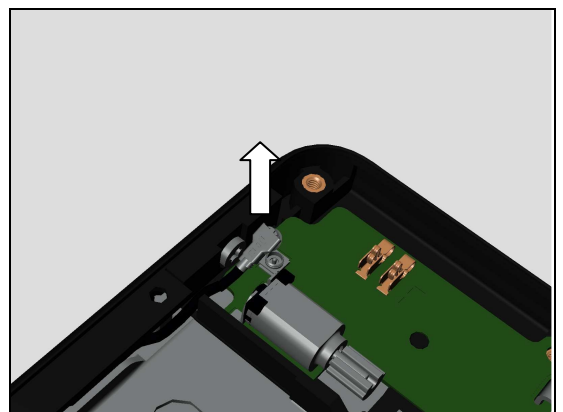
Disconnect this RF connector.

Do not damage components on the Main PBA!

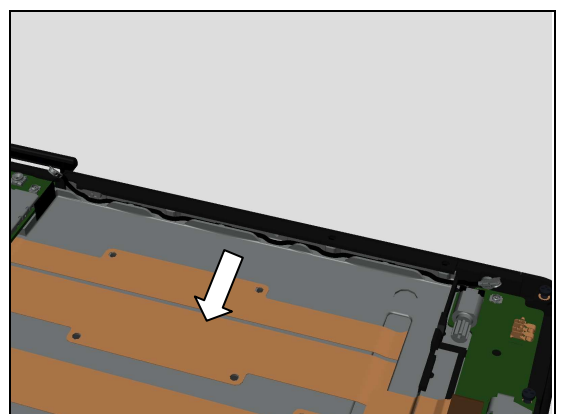


Disconnect this RF connector.

Do not damage components on the Main PBA!



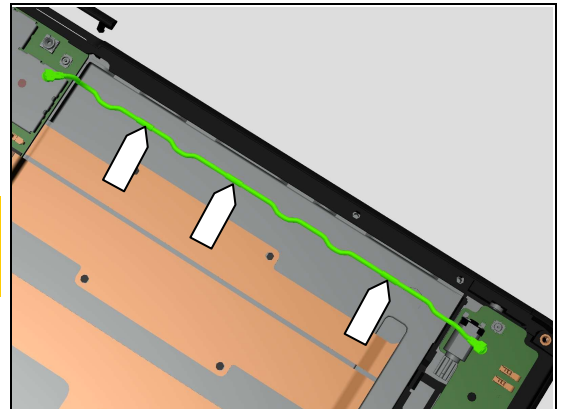
Remove the RF Cable from its cavity



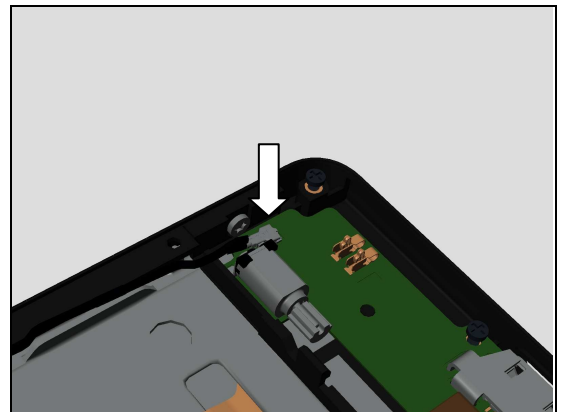
Replacement: RF Cable

INSTALLATION

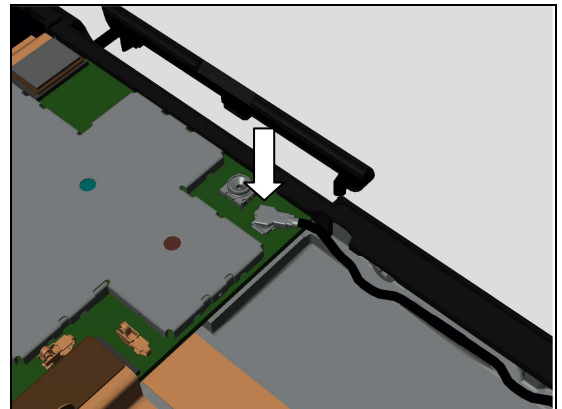
Identify the correct orientation of the RF Cable to be installed by using the metal parts of the RF Cable as shown in picture!



Press to snap this RF cable connector.

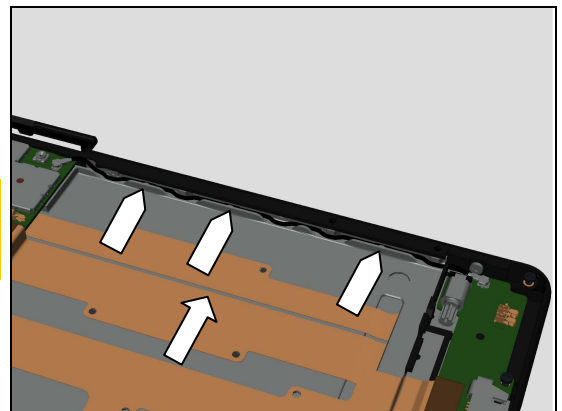


Press to snap this RF cable connector.



Mount the RF Cable into its cavity as shown in picture.

Note! Make sure the three metal parts of the RF Cable are mounted into the clips and have good contact with the Display Cover Assy.



Replacement

5.42 Rubber 2nd MIC

Follow the 4.1 – 4.12 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Removal instructions!

Prepare a new Rubber 2nd MIC.

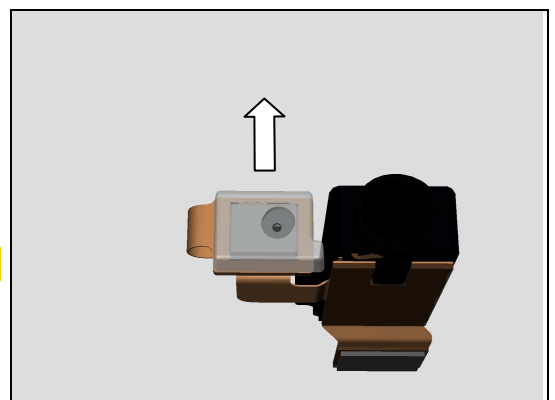
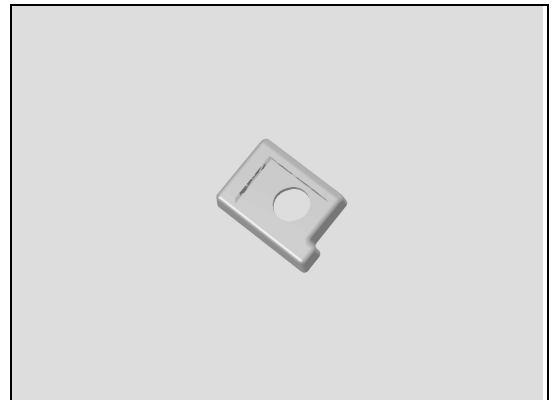
Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Installation instructions!

Follow the 6.3 – 6.14 Reassembly instructions!

REMOVAL

Detach the Rubber 2nd MIC.

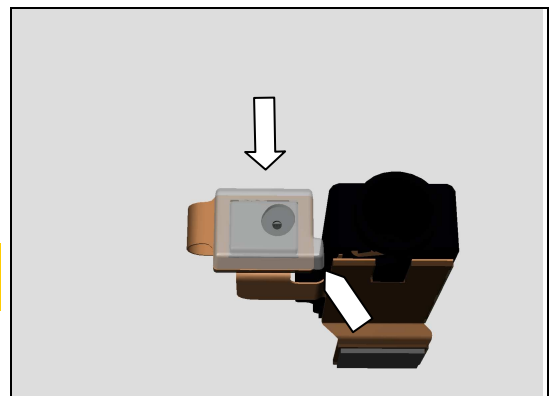
Do not damage the FPC!



INSTALLATION

Attach a new Rubber 2nd MIC in its proper position as shown in picture.

Note the correct orientation of the Rubber 2nd MIC to be installed as the arrow indicated in picture!



Replacement

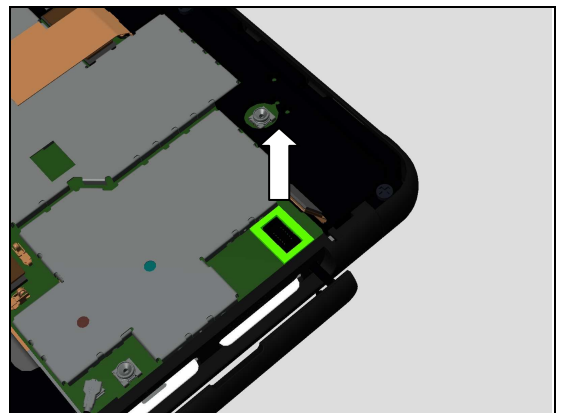
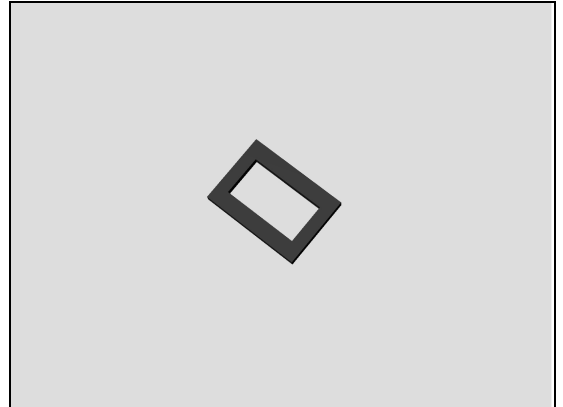
5.43 Rubber Audio Jack BTB Connector

Follow the 4.1 – 4.2 Disassembly instructions!
Follow the 5.16, 5.17, 5.18, and 5.23 Removal instructions!
Prepare a new Rubber Audio Jack BTB Connector.
Follow the 5.16, 5.17, 5.18, and 5.23 Installation instructions!
Follow the 6.13 – 6.14 Reassembly instructions!

REMOVAL

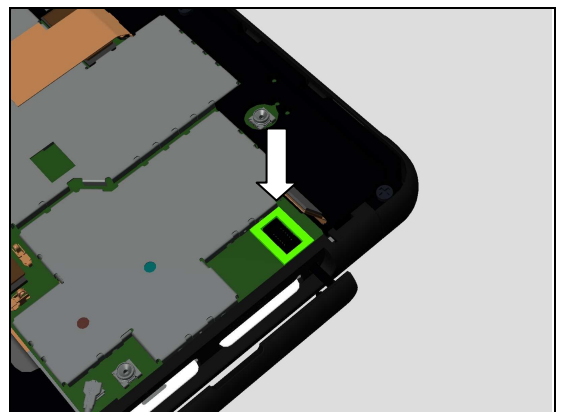
Disconnect the Audio Jack connector.
 Detach the Rubber Audio Jack BTB Connector.

Scrap! Not to be reused!
Make sure all remaining adhesive residue have been removed!
Do not damage components on the Main PBA!



INSTALLATION

Attach the Rubber Audio Jack BTB Connector in its proper position.
 Press to snap the Audio Jack Assy connector.



Replacement

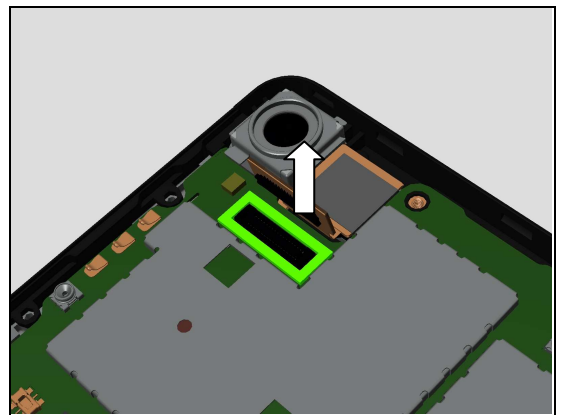
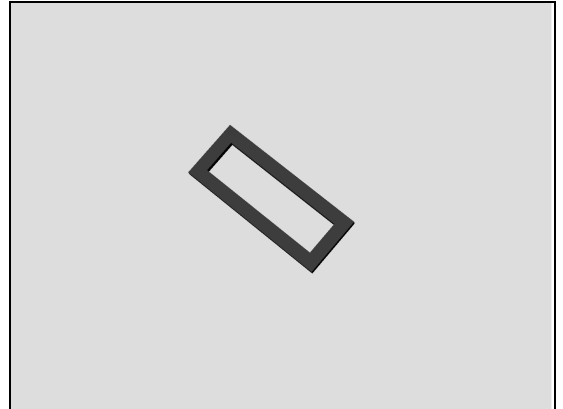
5.44 Rubber Front Camera BTB Connector

Follow the 4.1 – 4.4 Disassembly instructions!
 Follow the 5.16, 5.17, 5.18, and 5.23 Removal instructions!
 Prepare a new Rubber Front Camera BTB Connector.
 Follow the 5.16, 5.17, 5.18, and 5.23 Installation instructions!
 Follow the 6.11 – 6.14 Reassembly instructions!

REMOVAL

Disconnect the Front Camera connector.
 Detach the Rubber Front Camera BTB Connector.

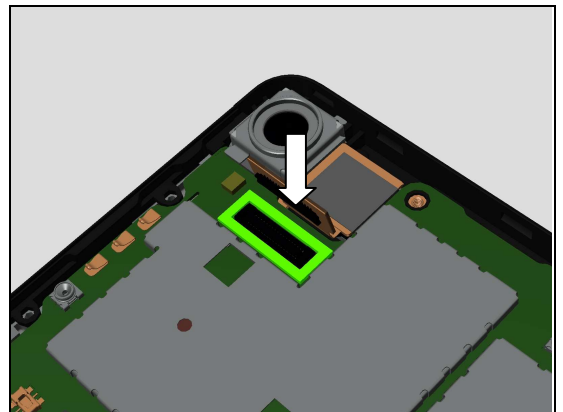
Scrap! Not to be reused!
Make sure all remaining adhesive residue have been removed!
Do not damage components on the Main PBA!



INSTALLATION

Follow the 5.32 Removal and Installation instructions to replace a new Conductive Tape Front Camera if damaged.

Attach a new Rubber Front Camera BTB Connector in its proper position as shown in picture.
 Press to snap the Front Camera connector.



Replacement

5.45 Rubber LCM TP BTB Connector

Follow the 4.1 – 4.2 Disassembly instructions!
Follow the 5.16, 5.17, 5.18, and 5.23 Removal instructions!
Prepare a new Rubber LCM TP BTB Connector.
Follow the 5.16, 5.17, 5.18, and 5.23 Installation instructions!
Follow the 6.13 – 6.14 Reassembly instructions!

REMOVAL

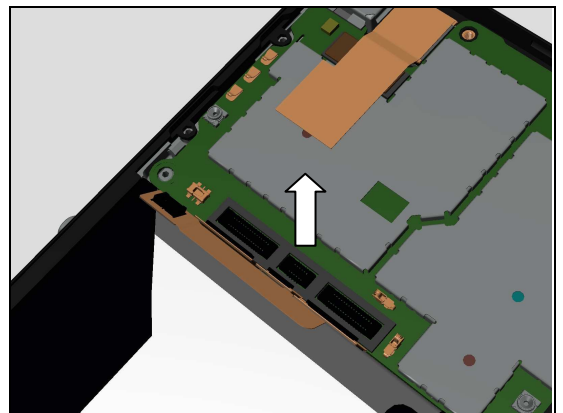
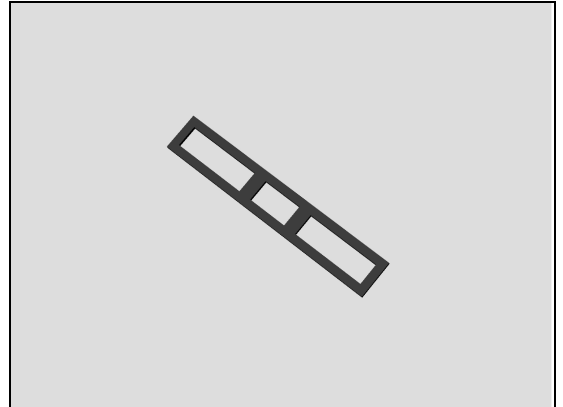
Disconnect the connector of the Side Key FPC Assy, touch panel and LCM.

Detach the Rubber LCM TP BTB Connector.

Scrap! Not to be used.

Make sure all remaining adhesive residue have been removed!

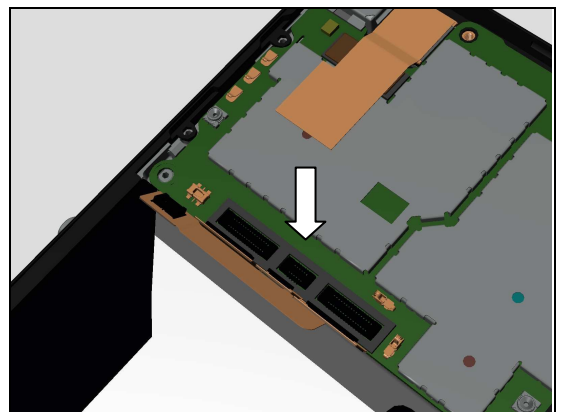
Do not damage components on the Main PBA!



INSTALLATION

Attach a new Rubber LCM TP BTB Connector in its proper position as shown in picture.

Press to snap the connector of the Side Key FPC Assy, touch panel and LCM.



Replacement

5.46 Rubber Main Camera BTB Connector

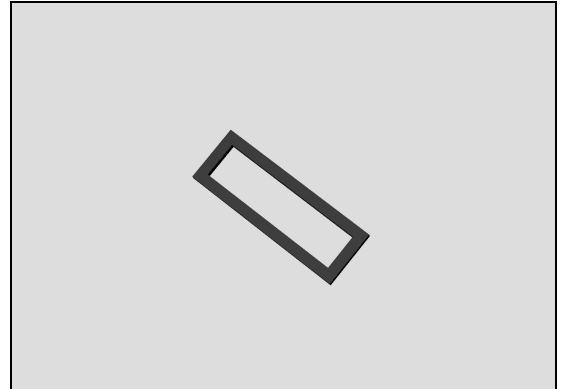
Follow the 4.1 – 4.9 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.38, 5.43, 5.44, and 5.45 Removal instructions!

Prepare a new Rubber Main Camera BTB Connector.

Follow the 5.16, 5.17, 5.18, 5.23, 5.38, 5.43, 5.44, and 5.45 Installation instructions!

Follow the 6.6 – 6.14 Reassembly instructions!



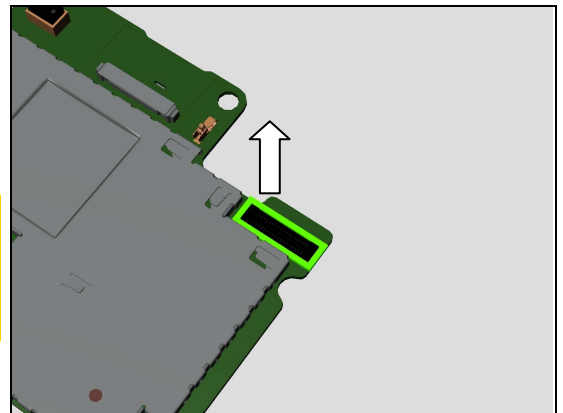
REMOVAL

Detach the Rubber Main Camera BTB Connector.

Scrap! Not to be used.

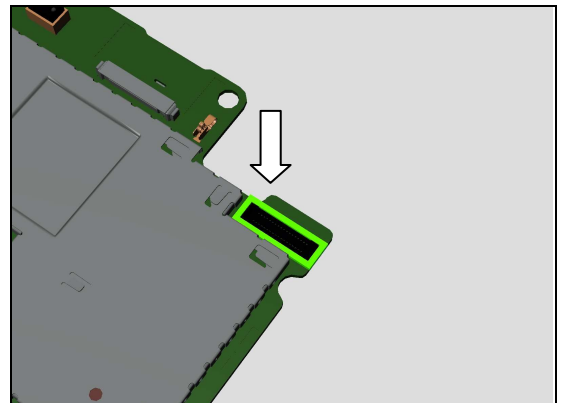
Make sure all remaining adhesive residue have been removed!

Do not damage components on the Main PBA!



INSTALLATION

Attach a new Rubber Main Camera BTB Connector in its proper position as shown in picture.



Replacement

5.47 Rubber Sub PBA BTB Connector

Follow the 4.1 – 4.2 and 4.13 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, and 5.23 Removal instructions!

Prepare a new Rubber Sub PBA BTB Connector.

Follow the 5.16, 5.17, 5.18, and 5.23 Installation instructions!

Follow the 6.1 – 6.2 and 6.13 – 6.14 Reassembly instructions!

REMOVAL

Disconnect the connector of the Side Key FPC Assy.
Detach the Rubber Sub PBA BTB Connector.

Scrap! Not to be used.

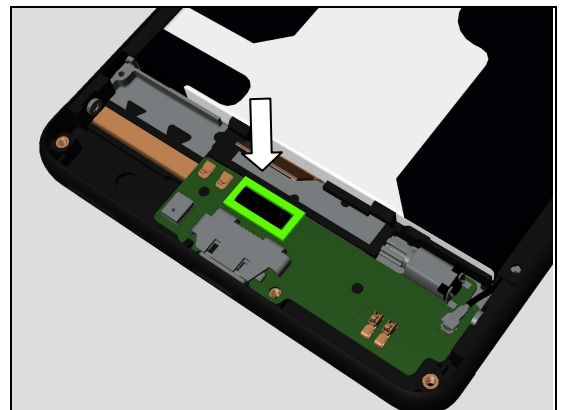
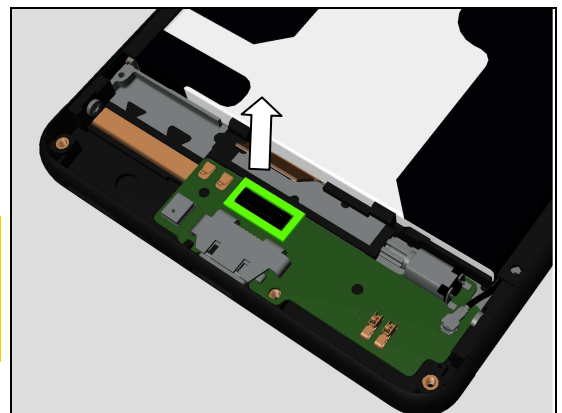
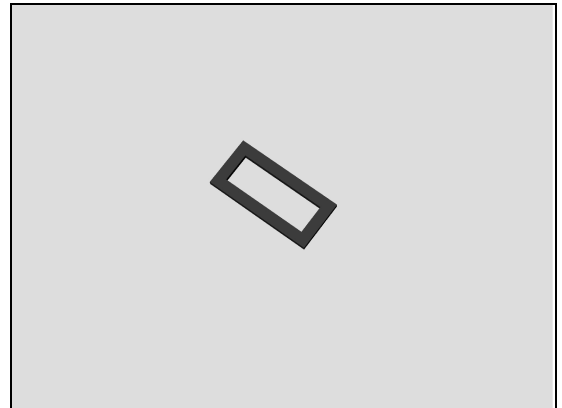
Make sure all remaining adhesive residue have been removed!

Do not damage components on the Main PBA!

INSTALLATION

Attach a new Rubber Sub PBA BTB Connector in its proper position as shown in picture.

Press to snap the connector of the Side Key FPC Assy.



Replacement

5.48 Side Deco Left

Follow the 4.1 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.28, 5.34, 5.41, 5.43, 5.44, 5.45, 5.47, and 5.53 Removal instructions!

Prepare a new Side Deco Left.

Follow the 5.16, 5.17, 5.18, 5.23, 5.28, 5.34, 5.41, 5.43, 5.44, 5.45, 5.47, and 5.53 Installation instructions!

Follow the 6.1 – 6.14 Reassembly instructions!

REMOVAL

Remove the three Screw TORX M1.2 L1.8 Silver by using a T5 screwdriver.

Scrap! Not to be reused!

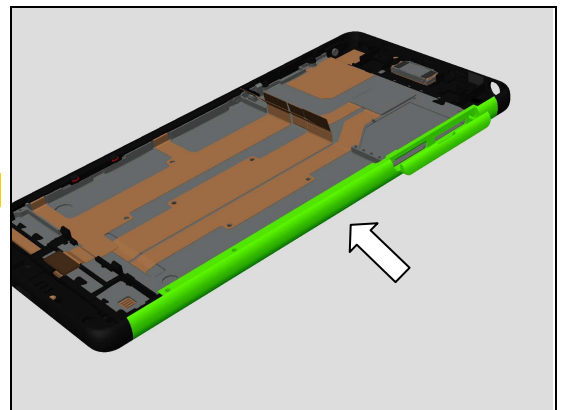
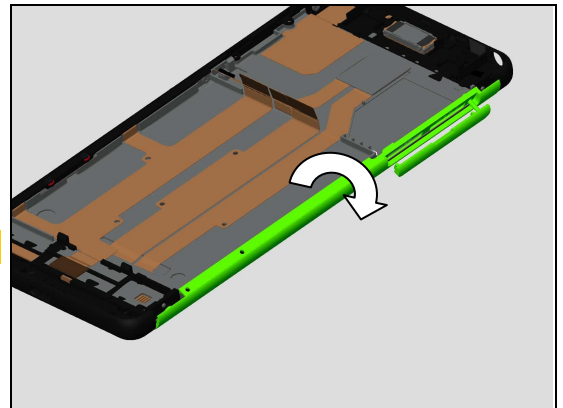
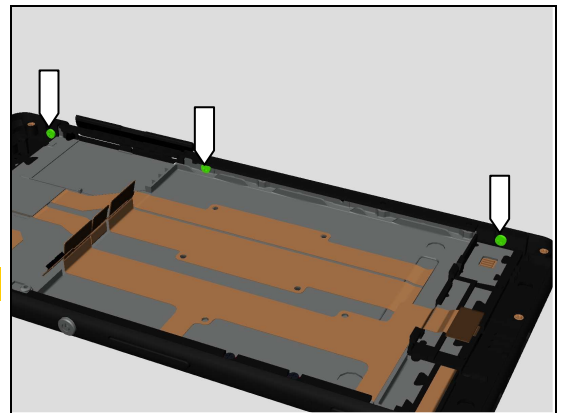
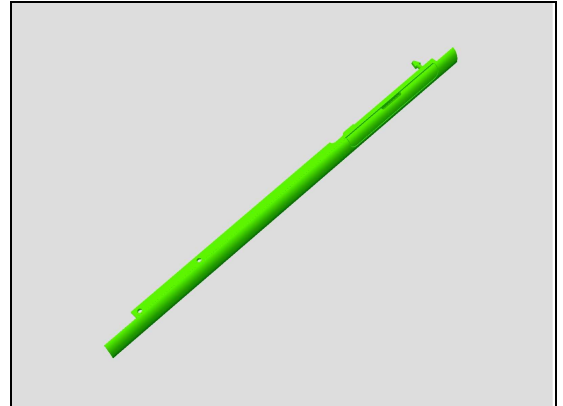
Detach the Side Deco Left.

Follow the 5.20 and 5.25 Removal instructions!

INSTALLATION

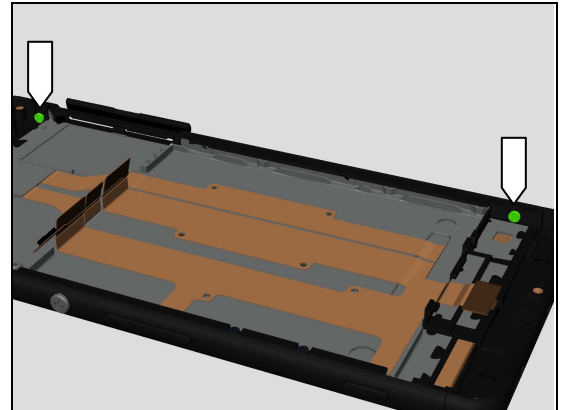
Follow the 5.20 and 5.25 Installation instructions!

Attach the new Side Deco Left as shown in picture.

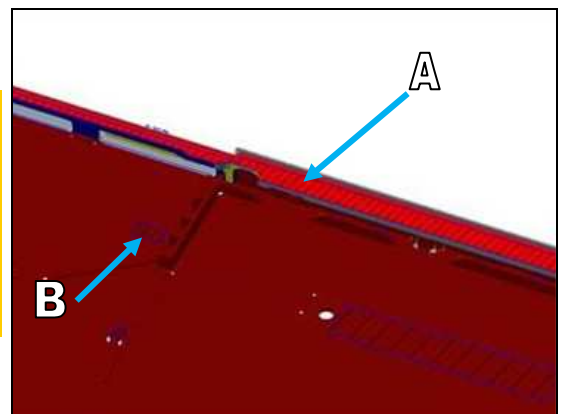


Replacement: Side Deco Left

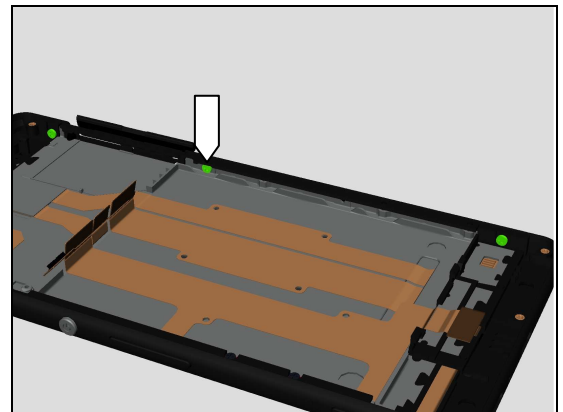
Tightening these two Screw TORX M1.2 L1.8 Silver by using a T5 screwdriver.



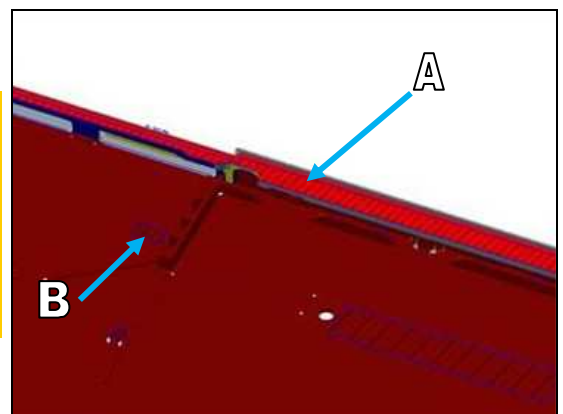
The Side Deco Left and Display Cover Assy must be insulated after these two screws assembled.
The Digital Multimeter (DMM) must be used to confirm their insulation by testing point A and point B.
Test point A should be laser etching area on the Side Deco Left, and test point B should be laser etching area on the front cover.



Tightening this Screw TORX M1.2 L1.8 Silver by using a T5 screwdriver.



The Side Deco Left and Display Cover Assy must be conductive after this screw assembled.
The Digital Multimeter (DMM) must be used to confirm their conduction by testing point A and point B.
Test point A should be laser etching area on the Side Deco Left, and test point B should be laser etching area on the front cover.



Replacement

5.49 Side Deco Right and Washer Nylon Screw

Follow the 4.1 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.28, 5.43, 5.44, and 5.45 Removal instructions!

Prepare a new Side Deco Right and Washer Nylon Screw.

Follow the 5.16, 5.17, 5.18, 5.23, 5.28, 5.43, 5.44, and 5.45 Installation instructions!

Follow the 6.1 – 6.14 Reassembly instructions!

REMOVAL

Remove the two Screw Cross M1.2 L2.5 Black by using a screwdriver with Bits JCIS No.0.

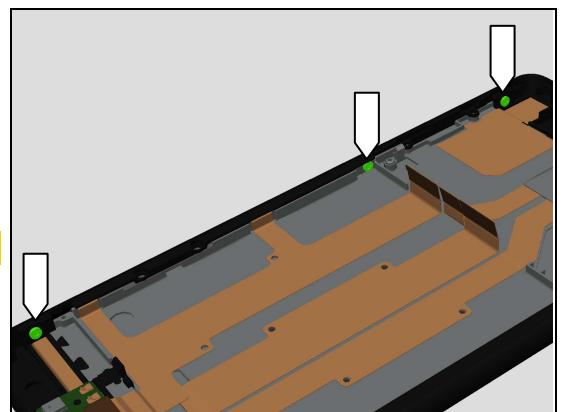
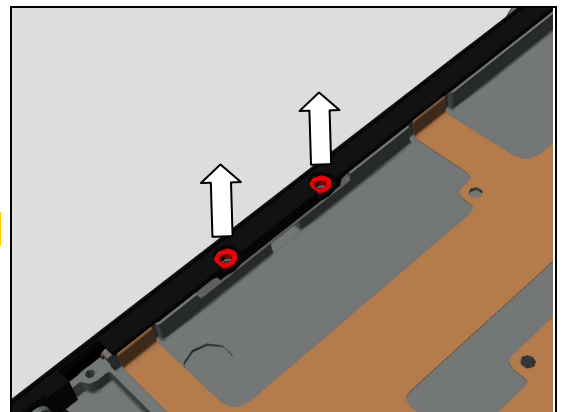
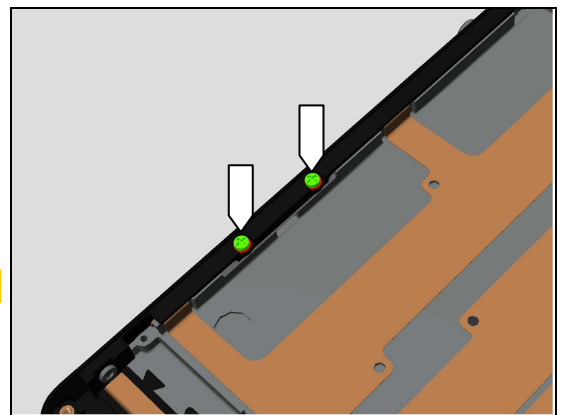
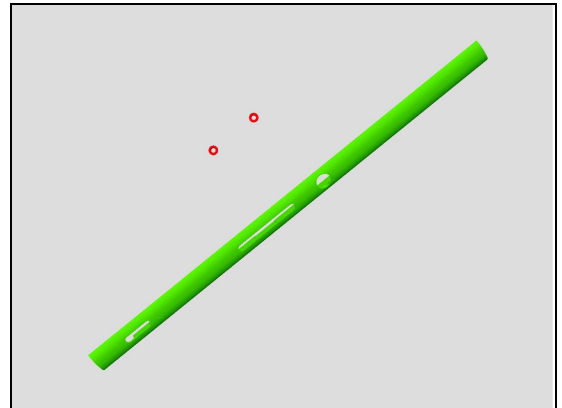
Scrap! Not to be reused!

Remove the two Washer Nylon Screw.

Scrap! Not to be reused!

Remove the three Screw TORX M1.2 L1.8 Silver by using a T5 screwdriver.

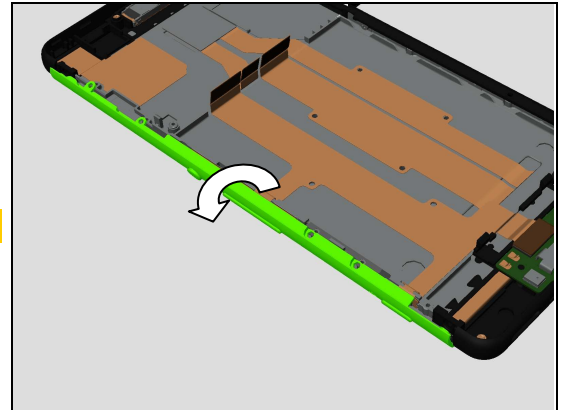
Scrap! Not to be reused!



Replacement: Side Deco Right and Washer Nylon Screw

Detach the Side Deco Right.

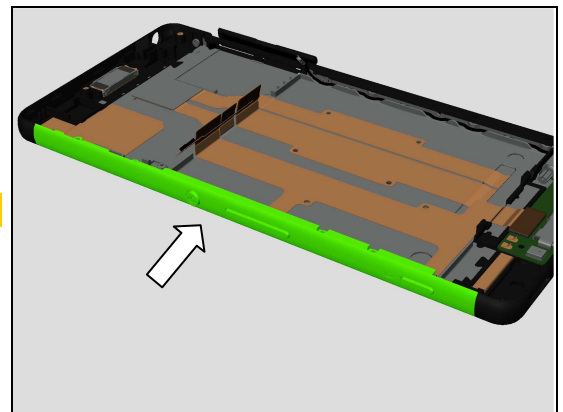
Follow the 5.21, 5.36 and 5.37 Removal instructions!



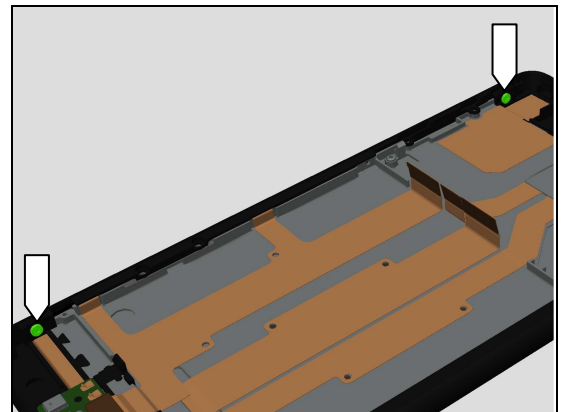
INSTALLATION

Follow the 5.21, 5.36 and 5.37 Installation instructions!

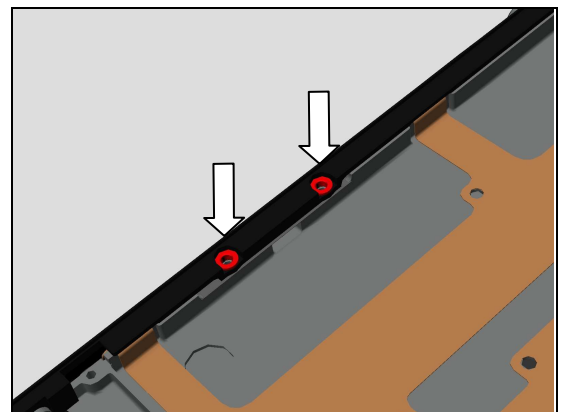
Attach the new Side Deco Right as shown in picture.



Tightening these two Screw TORX M1.2 L1.8 Silver by using a T5 screwdriver.

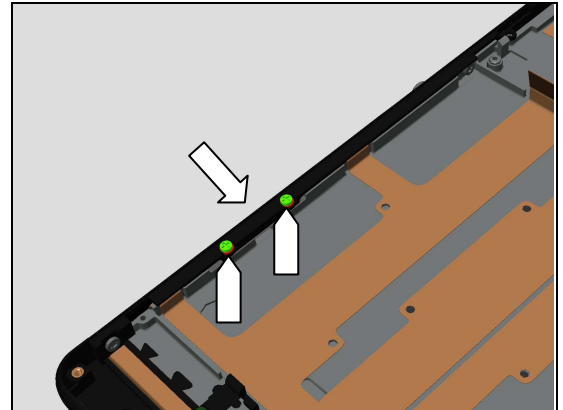


Mount the two NEW Washer Nylon Screw into their cavity.

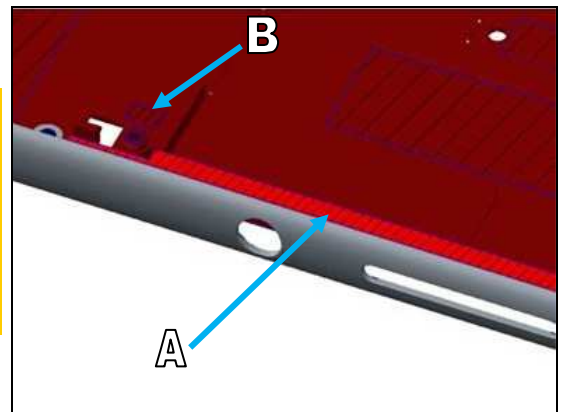


Replacement: Side Deco Right and Washer Nylon Screw

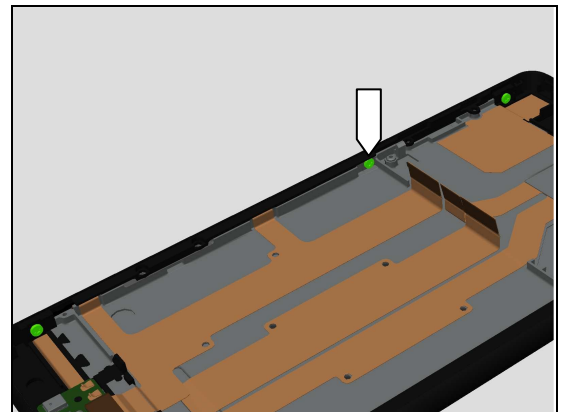
Push to press the Side Deco Right and at the same time apply 4Ncm torque when tightening the two Screw Cross M1.2 L2.5 Black with Bits JCIS No.0.



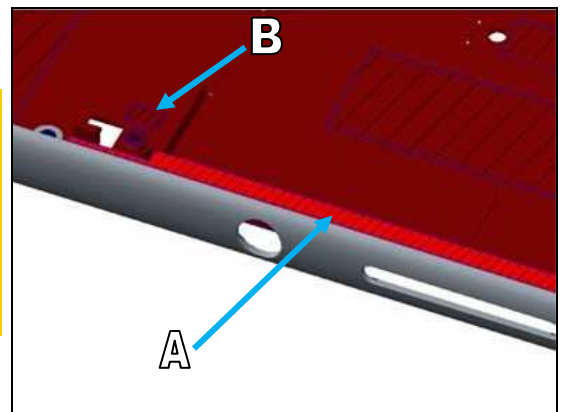
The Side Deco Right and Display Cover Assy must be insulated after these four screws assembled.
The Digital Multimeter (DMM)s must be used to confirm their insulation by testing point A and point B.
Test point A should be laser etching area on the Side Deco Right, and test point B should be laser etching area on the front cover.



Tightening this Screw TORX M1.2 L1.8 Silver by using a T5 screwdriver.



The Side Deco Right and Display Cover Assy must be conductive after this screw assembled.
The Digital Multimeter (DMM)s must be used to confirm their conduction by testing point A and point B.
Test point A should be laser etching area on the Side Deco Right, and test point B should be laser etching area on the front cover.



Replacement

5.50 Side Key FPC Assy

Follow the 4.1 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.21, 5.23, 5.28, 5.43, 5.44, 5.45, 5.47, and 5.49 Removal instructions!

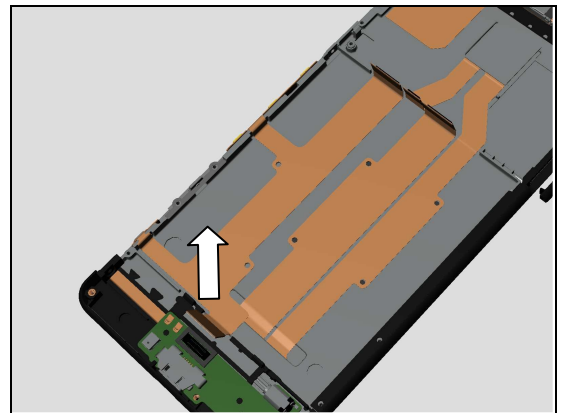
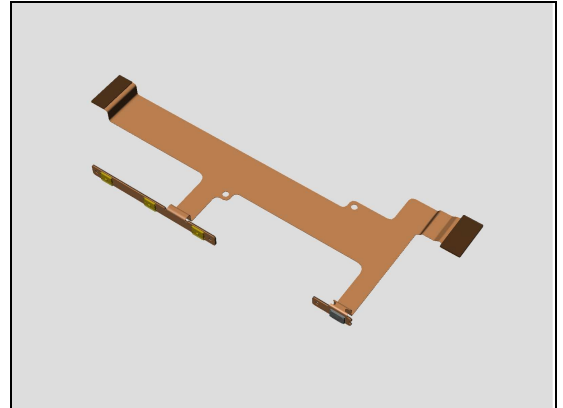
Prepare a new Side Key FPC Assy.

Follow the 5.16, 5.17, 5.18, 5.21, 5.23, 5.28, 5.43, 5.44, 5.45, 5.47, and 5.49 Installation instructions!

Follow the 6.1 – 6.14 Reassembly instructions!

REMOVAL

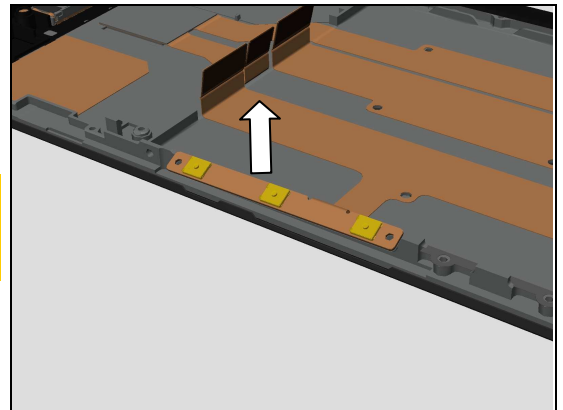
Disconnect the connector of the Side Key FPC Assy.



Detach the Power_Volume switch FPC.

Do not damage the FPC.

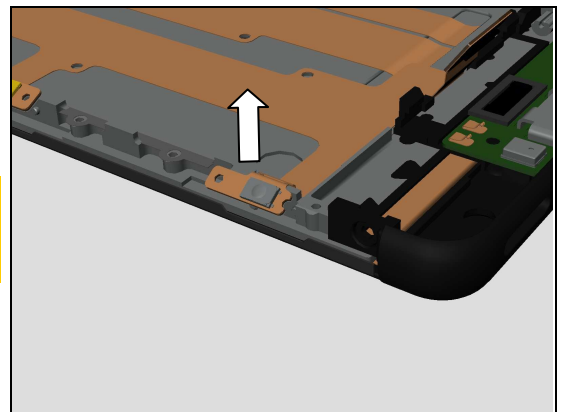
Make sure all remaining adhesive residue have been removed!



Detach the camera switch FPC.

Do not damage the FPC.

Make sure all remaining adhesive residue have been removed!



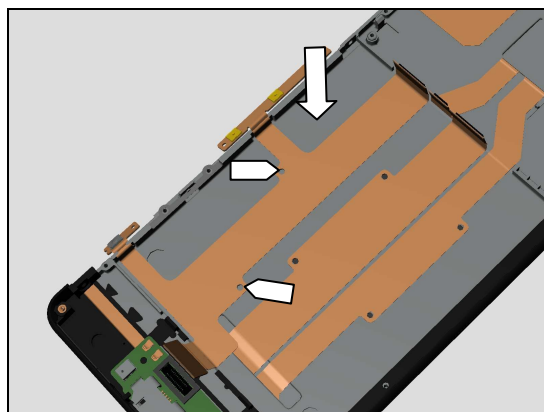
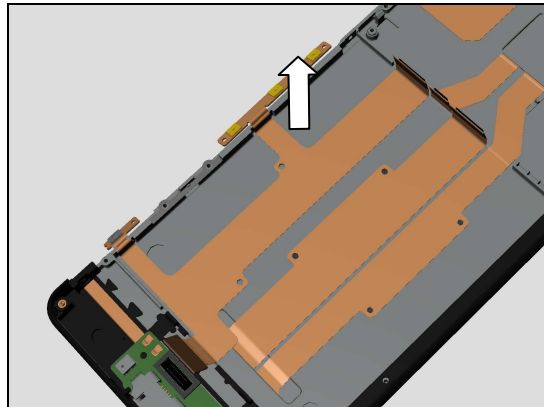
Replacement: Side Key FPC Assy

Detach the Side Key FPC Assy.

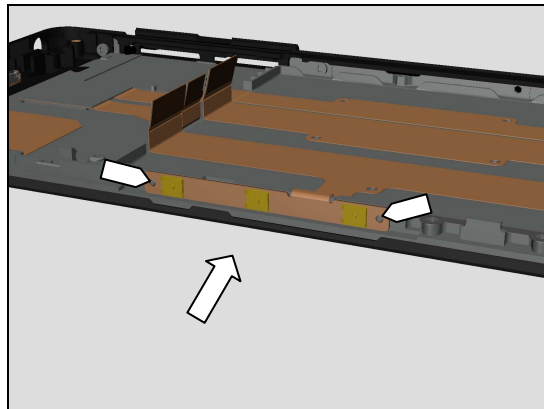
Make sure all remaining adhesive residue have been removed!

INSTALLATION

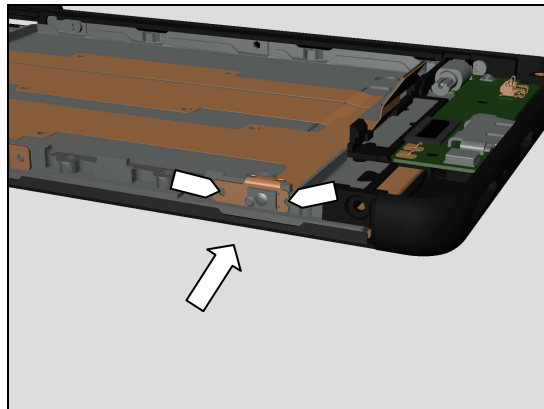
Attach the new Side Key FPC Assy in alignment with the two guiding holes as shown in picture.



Attach the Power_Volume switch FPC in alignment with two guiding pins as shown in picture.

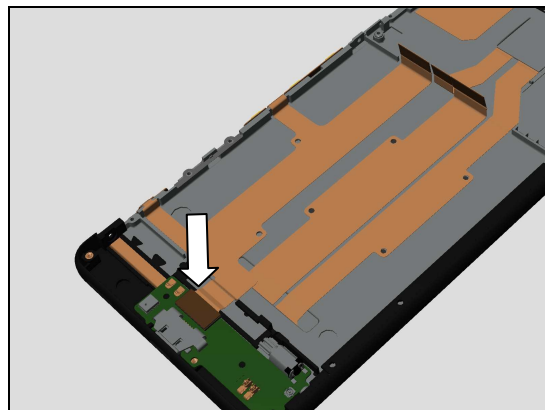


Attach the camera switch FPC in alignment with two guiding pins as shown in picture.



Replacement: Side Key FPC Assy

Press to snap the connector of the Side Key FPC Assy.



Replacement

5.51 Sponge Main Camera BTB Connector

Follow the 4.1 – 4.9 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Removal instructions!

Prepare a new Sponge Main Camera BTB Connector.

Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Installation instructions!

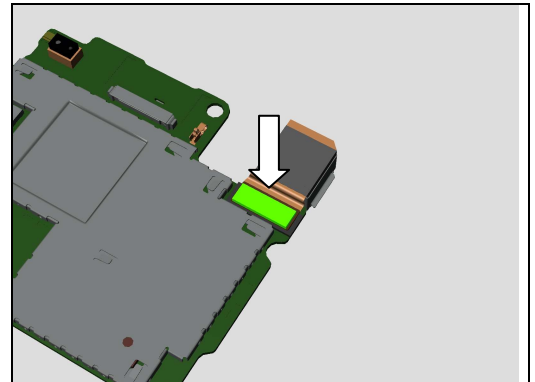
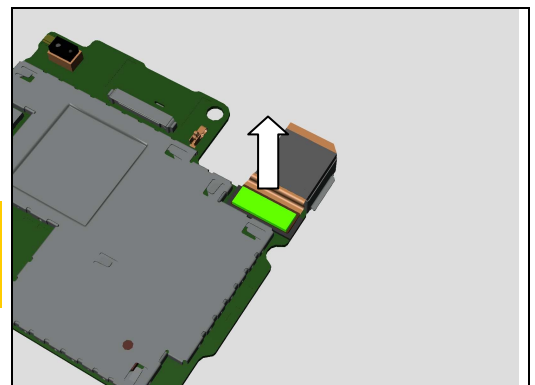
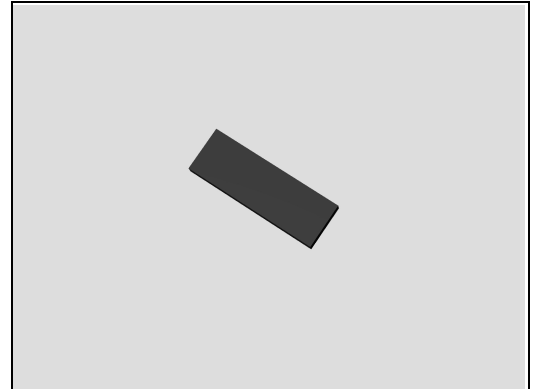
Follow the 6.6 – 6.14 Reassembly instructions!

REMOVAL

Detach the Sponge Main Camera BTB Connector.

Scrap! Not to be reused!

Make sure all remaining adhesive residue have been removed!



INSTALLATION

Attach a new Sponge Main Camera BTB Connector.

Replacement

5.52 Sponge Speaker_Main MIC

Follow the 4.1 – 4.2 and 4.13 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, and 5.23 Removal instructions!

Prepare a new Sponge Speaker_Main MIC.

Follow the 5.16, 5.17, 5.18, and 5.23 Installation instructions!

Follow the 6.1 – 6.2 and 6.13 – 6.14 Reassembly instructions!

REMOVAL

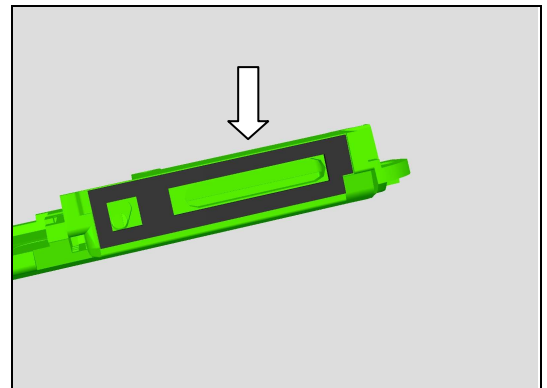
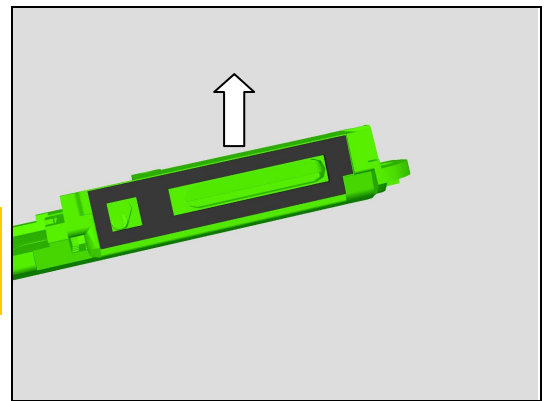
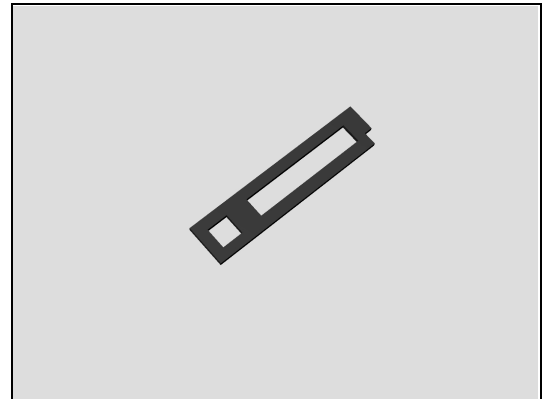
Detach the Sponge Speaker_Main MIC.

Scrap! Not to be reused!

Make sure all remaining adhesive residue have been removed!

INSTALLATION

Attach a new Sponge Speaker_Main MIC in alignment with the shape of the Main Antenna Speaker Assy as shown in picture.



Replacement

5.53 Sub PBA Assy

Follow the 4.1 – 4.2 and 4.13 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, and 5.23 Removal instructions!

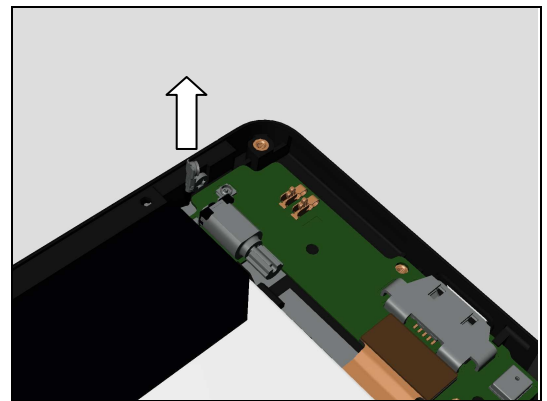
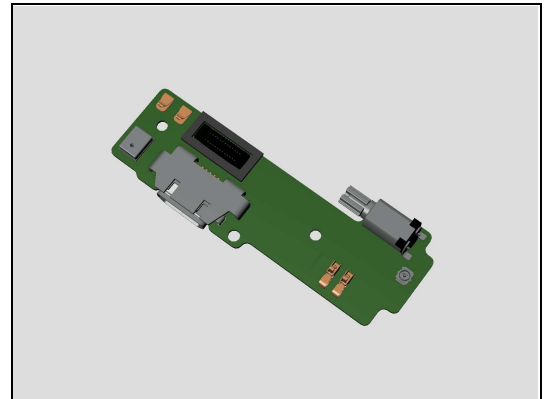
Prepare a new Sub PBA Assy.

Follow the 5.16, 5.17, 5.18, and 5.23 Installation instructions!

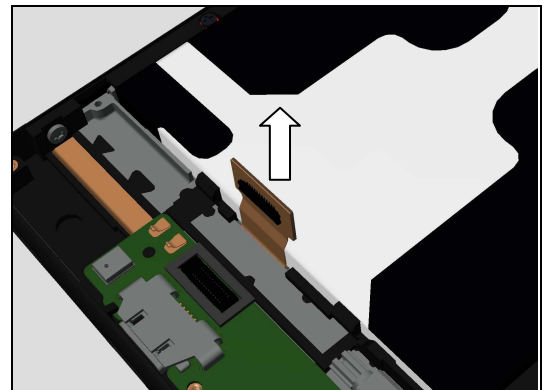
Follow the 6.1 – 6.2 and 6.13 – 6.14 Reassembly instructions!

REMOVAL

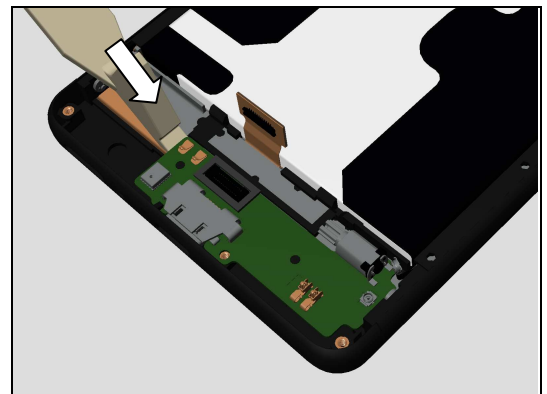
Disconnect the RF Cable connector.



Disconnect the connector of the Side Key FPC Assy.

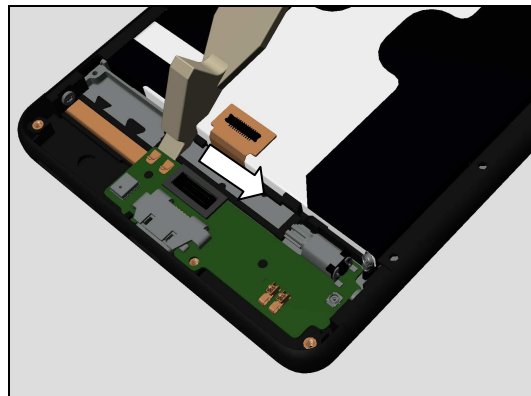


Insert the Front Opening Tool at this position between Sub PBA Assy and Display Cover Assy to detach this area of the Sub PBA Assy as shown in picture.

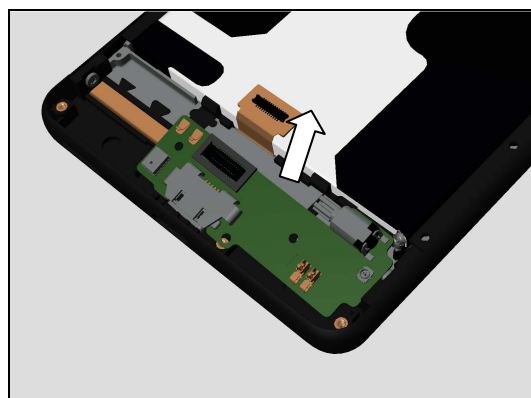


Replacement: Sub PBA Assy

Then slide the Front Opening Tool between Sub PBA Assy and Display Cover Assy to detach the Sub PBA Assy as shown in picture.

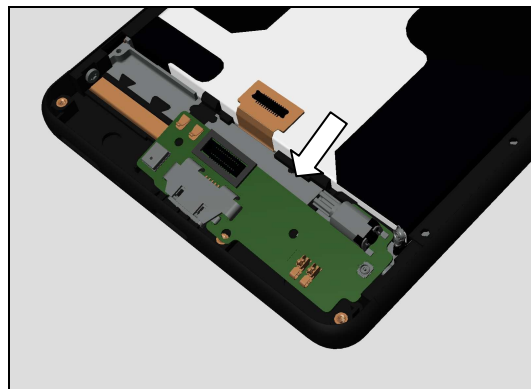


Remove the Sub PBA Assy.

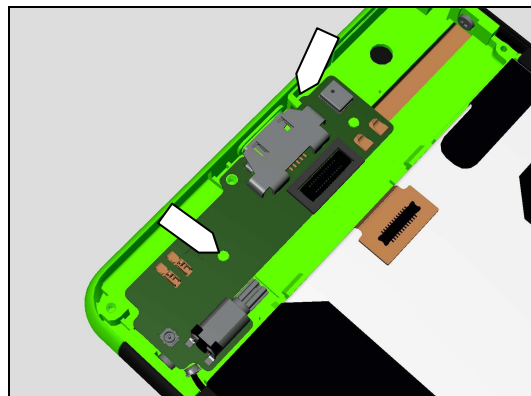


INSTALLATION

Mount the Sub PBA Assy.

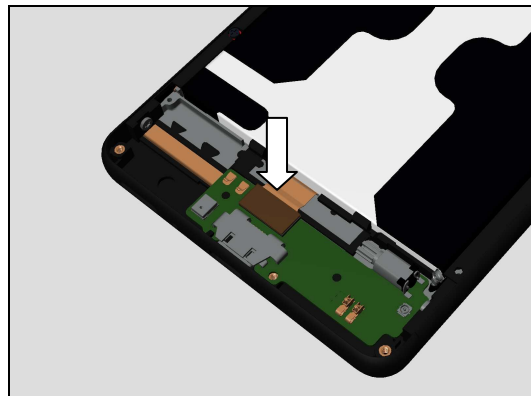


Make sure the Sub PBA Assy is attached, assembled under the hook and in alignment with the guiding pin as shown in picture.

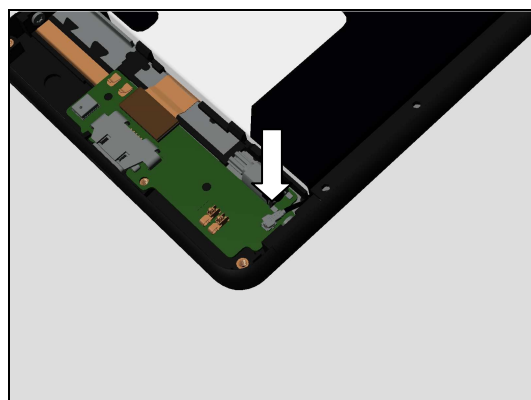


Replacement: Sub PBA Assy

Press to snap the connector of the Side Key FPC Assy.



Press to snap the RF Cable connector.



Replacement

5.54 Water Intrusion Label

Follow the 4.1 – 4.2 and 4.13 – 4.14 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.34, 5.47 and 5.53 Removal instructions!

Prepare a new Water Intrusion Label.

Follow the 5.16, 5.17, 5.18, 5.23, 5.34, 5.47 and 5.53 Installation instructions!

Follow the 6.1 – 6.2 and 6.13 – 6.14 Reassembly instructions!

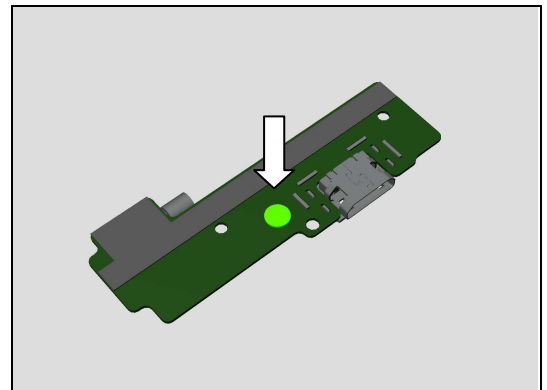
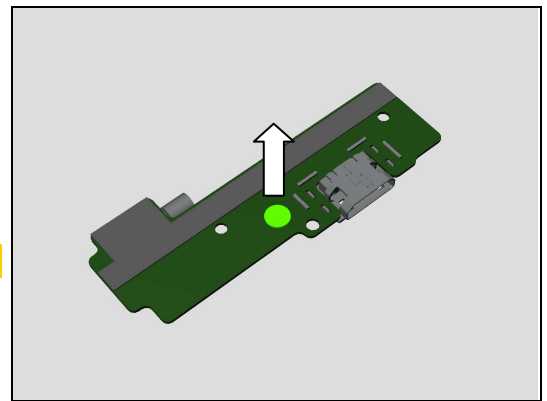
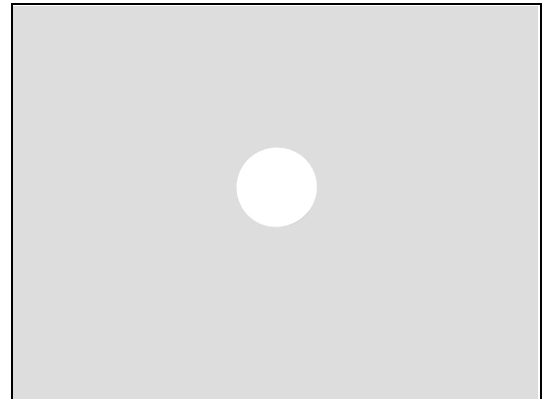
REMOVAL

Detach the Water Intrusion Label.

Scrap! Not to be reused!

INSTALLATION

Attach a new Water Intrusion Label in its proper position as shown in picture.



Replacement

5.55 Water Intrusion Label Rectangle

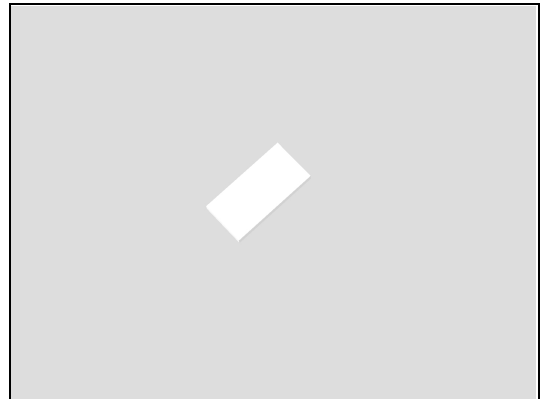
Follow the 4.1 – 4.9 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Removal instructions!

Prepare a new Water Intrusion Label Rectangle.

Follow the 5.16, 5.17, 5.18, 5.23, 5.43, 5.44, and 5.45 Installation instructions!

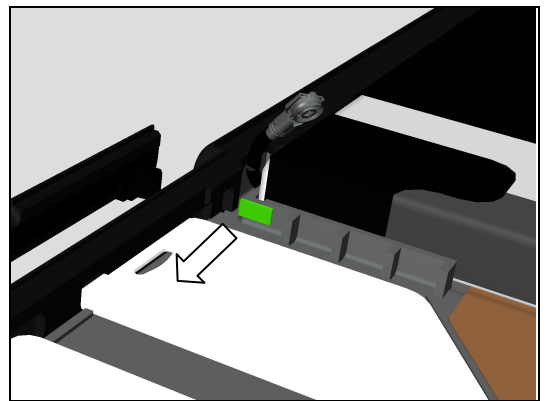
Follow the 6.6 – 6.14 Reassembly instructions!



REMOVAL

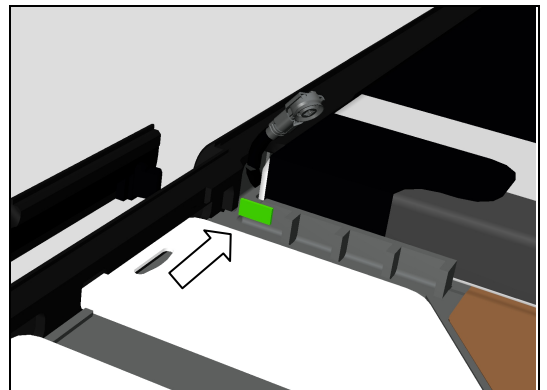
Detach the Water Intrusion Label Rectangle.

Scrap! Not to be reused!



INSTALLATION

Attach a new Water Intrusion Label Rectangle in its proper position as shown in picture..



Replacement

5.56 Board Swap – Replacement

Follow the 4.1 – 4.9 Disassembly instructions!

Follow the 5.16, 5.17, 5.18, 5.23, 5.35, and 5.38 Removal instructions!

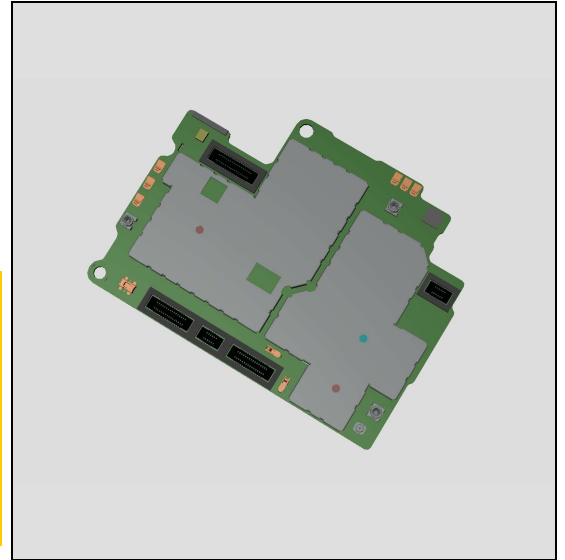
Replace the Swap Board.

Follow the 5.16, 5.17, 5.18, 5.23, 5.35, and 5.38 Installation instructions!

Follow the 6.6 – 6.14 Reassembly instructions!

Proximity, Accelerometer Calibration and Color ID Flashing must be performed for all replaced units; 1289-2983 Trouble Shooting Application – mechanical.

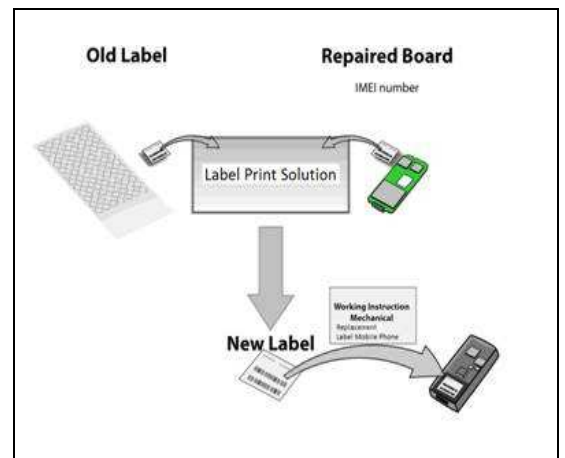
There is no Light sensor default value stored in swap board, but it can be restored by re-flashing. Generally you do not need to use the 1289-2983 Sony Mobile Repair Application –mechanical Light Sensor default value reset function.



5.57 Board Swap – Change Label

CHANGE LABEL

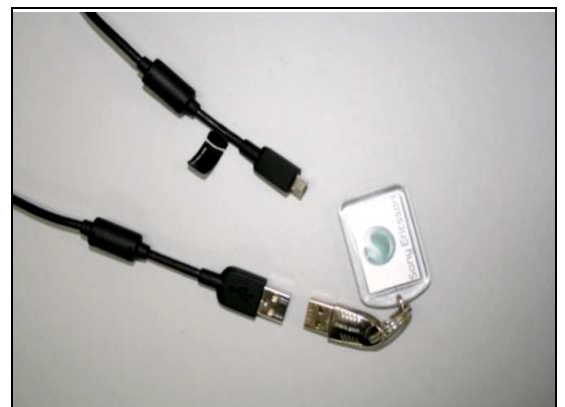
Follow the instructions in the Generic Repair Manual – Build swap for change of label.



5.58 Board Swap – Customize of Software

CUSTOMIZE OF SOFTWARE

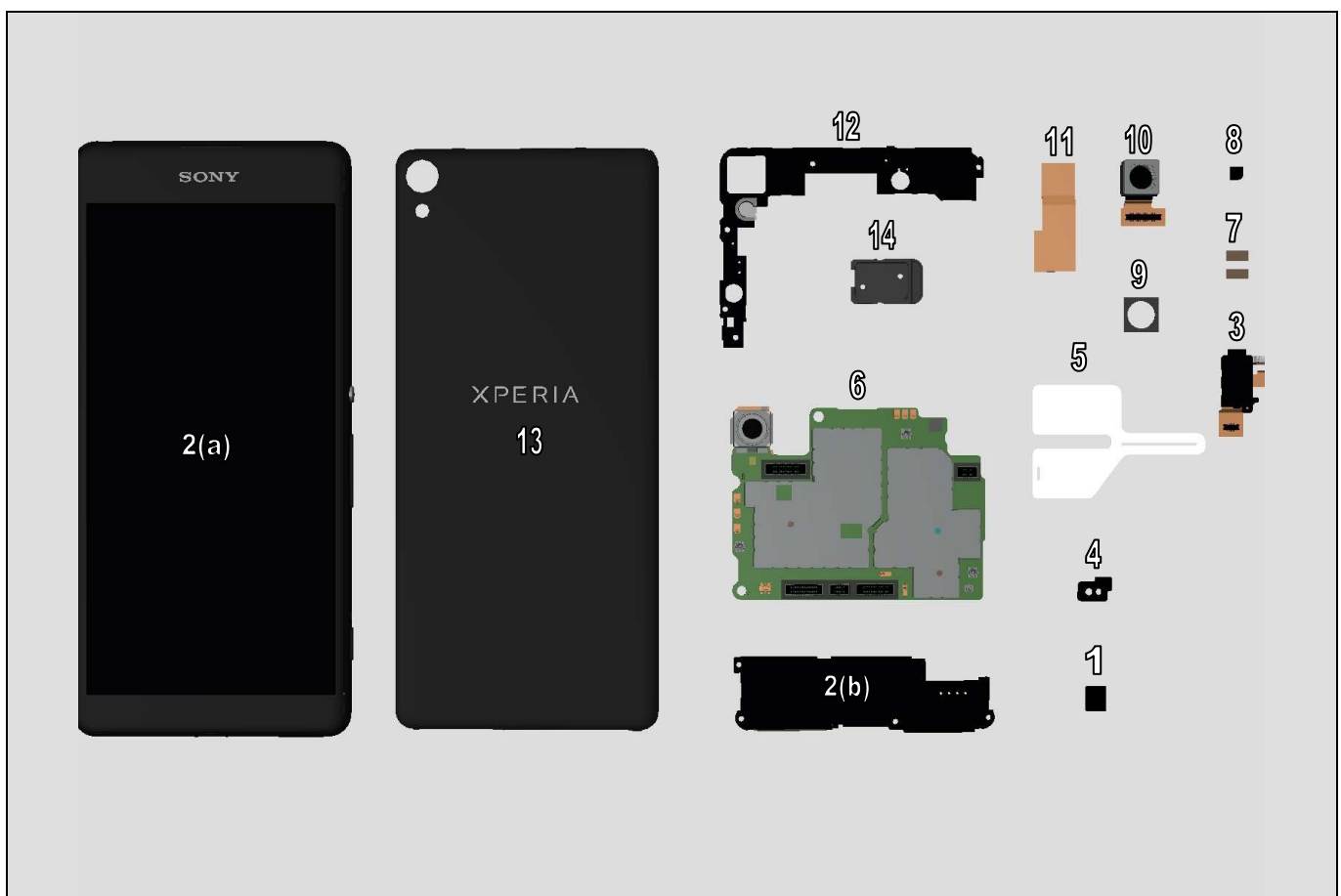
Follow the instructions in the Generic Repair Manual – Build swap for customization of the software.



6 Reassembly

The F3111/F3112/F3113/F3115/F3116 reassembly is done in the following order:

1. Rubber Main MIC
2. Display Cover Assy (a) and Main Antenna Speaker Assy (b)
3. Audio Jack Assy
4. Rubber PL Sensor
5. CU Label Tray
6. Main PBA
7. Film Kapton Audio Jack
8. Film Mylar Audio Jack FPC
9. Adhesive Sponge Front Camera
10. Front Camera
11. Conductor Foil Front Camera
12. Antenna Assy DIV/BT/WIFI/GPS
13. Battery Cover Assy
14. SIM Tray Single(F3111/F3113/F3115)/SIM Tray Dual(F3112/F3116)

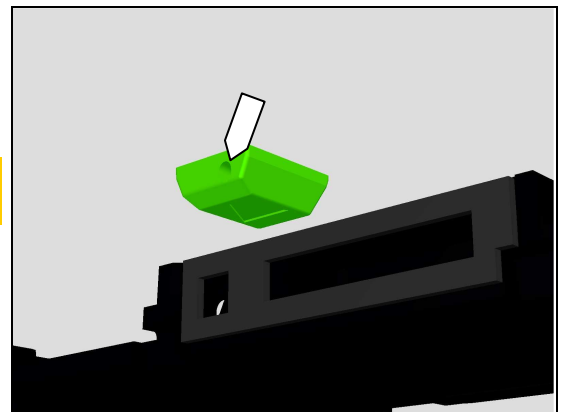
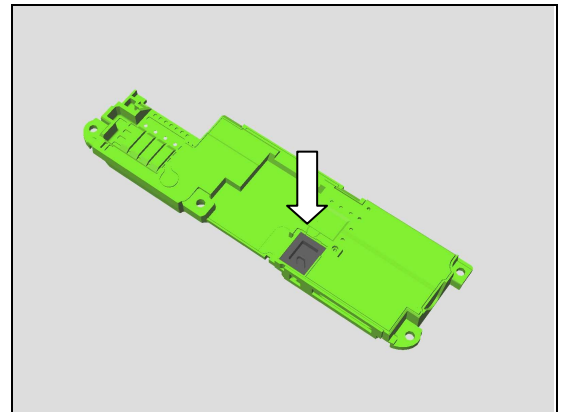


Reassembly

6.1 Rubber Main MIC

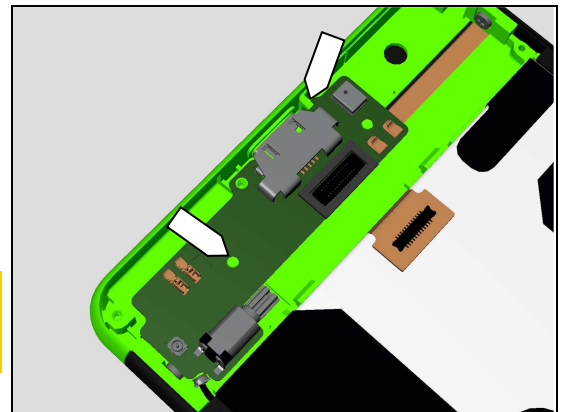
Mount a NEW Rubber Main MIC into its cavity as shown in picture.

Note the correct orientation of the Rubber Main MIC to be installed as shown in picture!



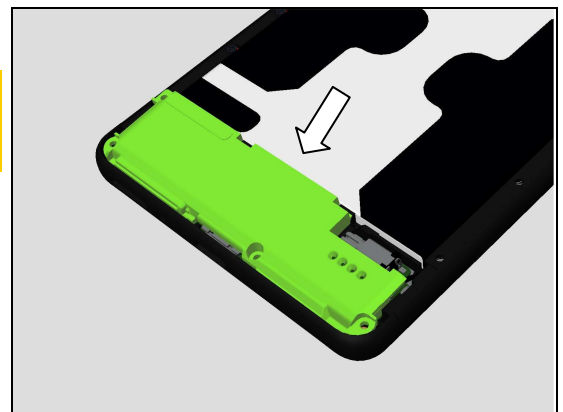
6.2 Display Cover Assy(a) and Main Antenna Speaker Assy(b)

Before assembly make sure the Sub PBA Assy is attached, assembled under the hook and in alignment with the guiding pin as shown in picture.



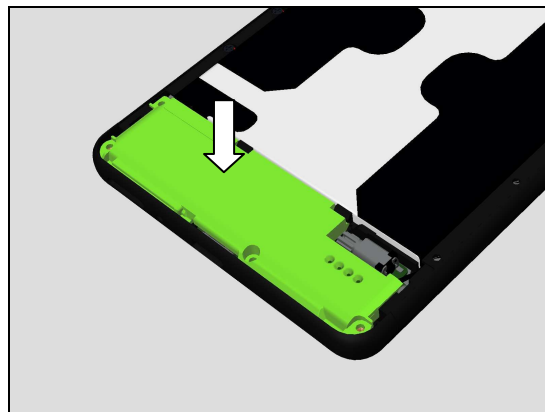
Follow the 5.52 Removal and Installation instructions to replace a new Sponge Speaker_Main MIC if it is damaged.

Mount the Main Antenna Speaker Assy to the proper position as shown in picture.

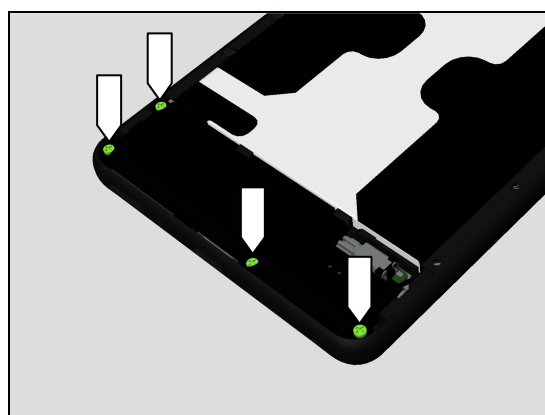


Reassembly

Press to snap the Main Antenna Speaker Assy.

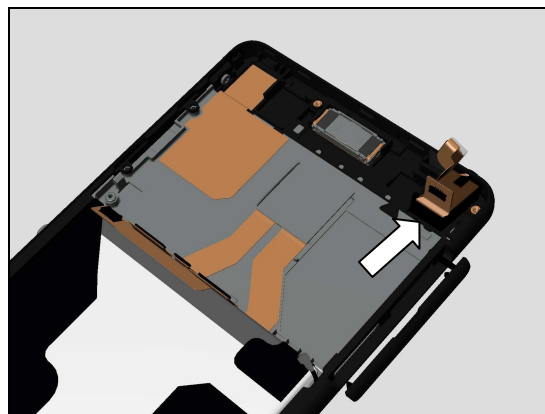


Apply 8Ncm torque when tightening the four Screw Cross M1.2 L2.5 Black with Bits JCIS No.0.

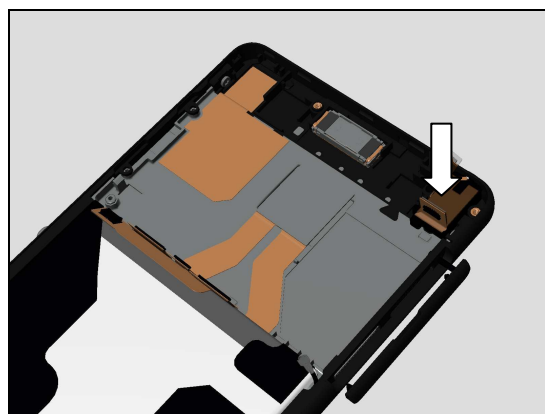


6.3 Audio Jack Assy

Insert to mount the Audio Jack Assy into its hole as shown in picture.



Press to snap the Audio Jack Assy into its position.



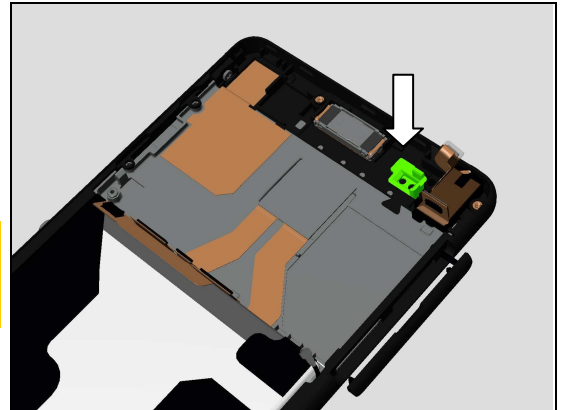
Reassembly

6.4 Rubber PL Sensor

Mount the Rubber PL Sensor into its cavity.

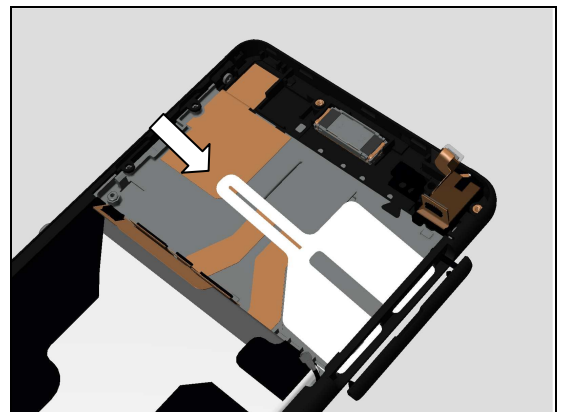
Be careful! Make sure the Rubber PL Sensor and its cavity have no dust before assembly.

If the Rubber PL Sensor is deformed replace a new one.



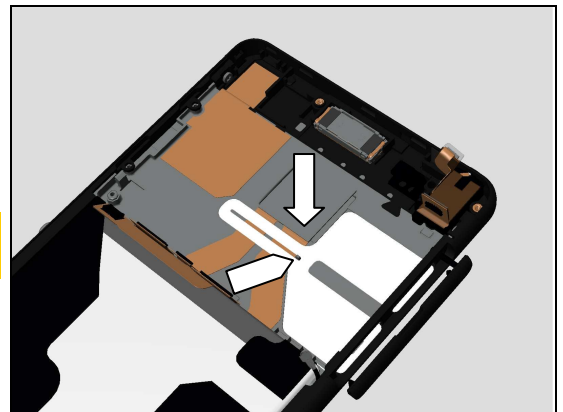
6.5 CU Label Tray

Insert the CU Label Tray into the SIM/SD hole as shown in picture.



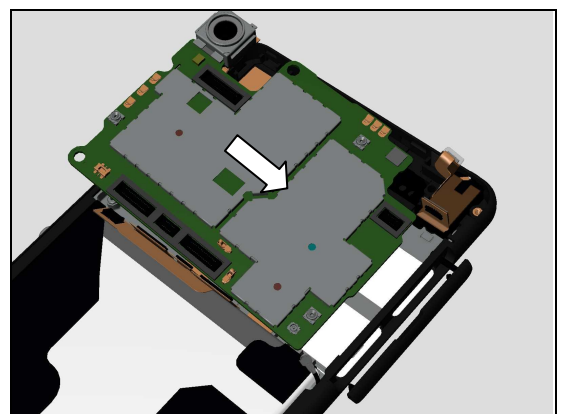
Mount the CU Label Tray onto its proper position as shown in picture.

Note the correct position of the block pin in the CU Label Tray slot!



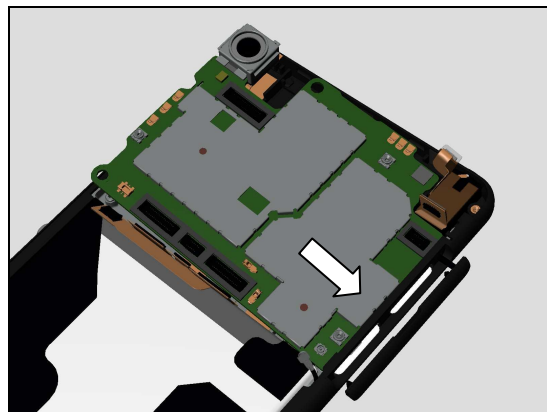
6.6 Main PBA

Align the Main PBA with SIM/SD hole side as shown in picture.

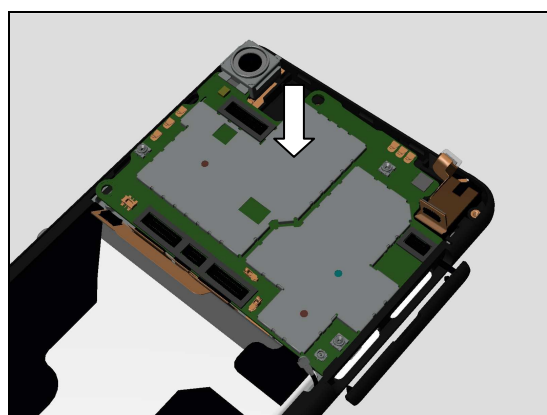


Reassembly

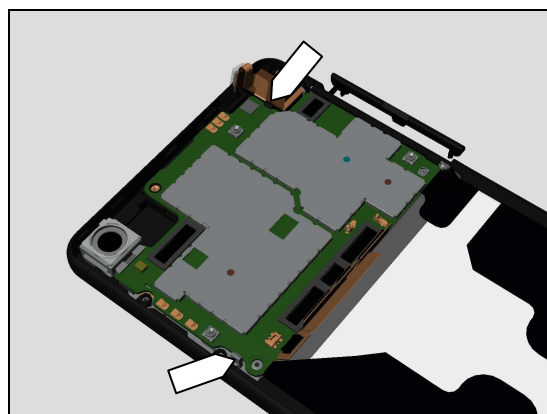
Insert to mount the Main PBA into the SIM/SD hole as shown in picture.



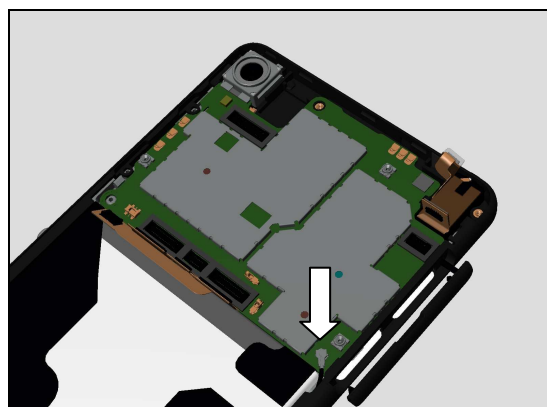
Press to snap the Main PBA.



Make sure the Main PBA is snapped into its cavity.



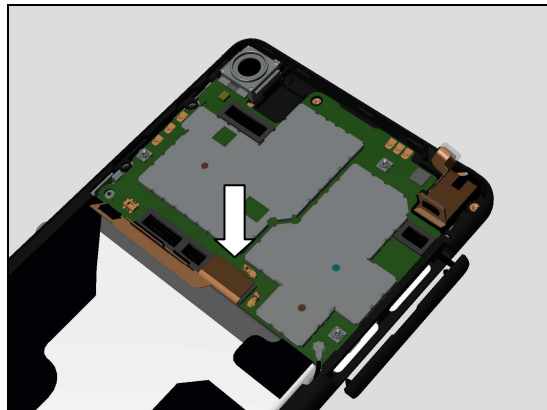
Press to snap the RF Cable connector.



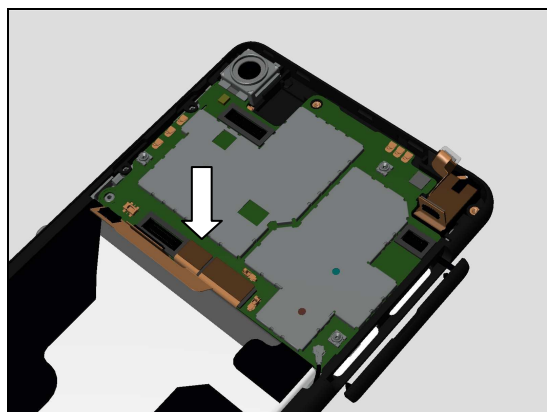
Reassembly

Follow the 5.45 Installation instructions to replace a new Rubber LCM TP BTB Connector.

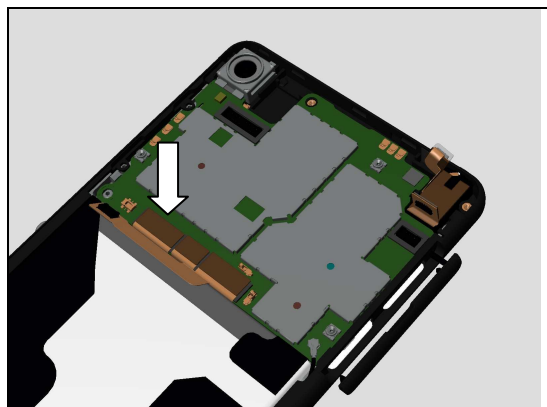
Press to snap the connector of LCM.



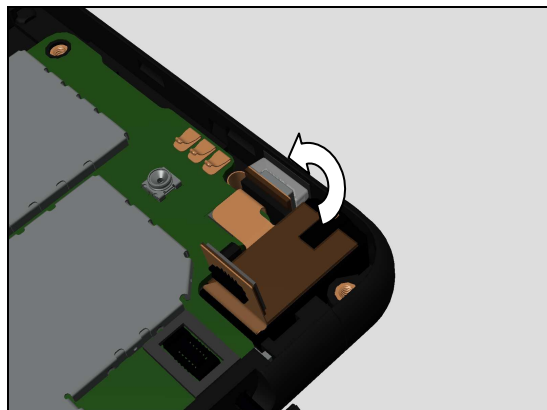
Press to snap the connector of the touch panel.



Press to snap the connector of the Side Key FPC Assy.



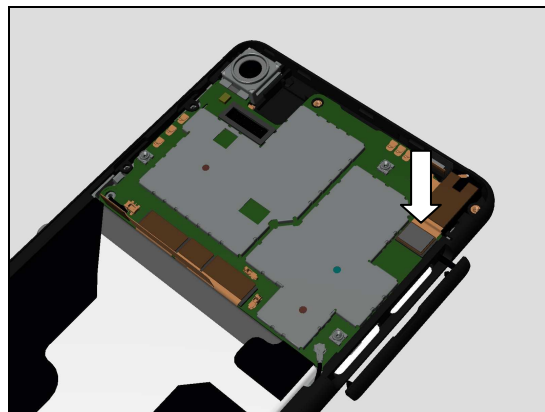
Mount the 2nd Mic rubber FPC of the Audio Jack Assy into its cavity as shown in picture.



Reassembly

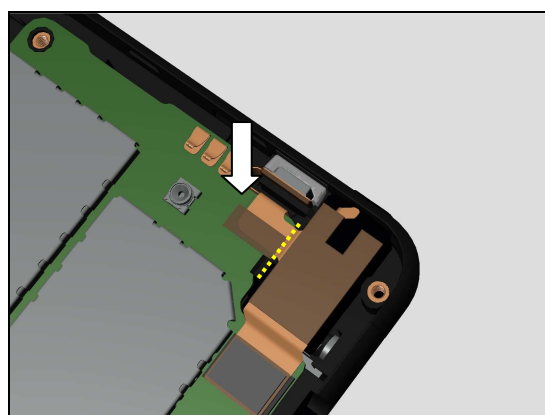
Follow the 5.43 Installation instructions to replace a new Rubber Audio Jack BTB Connector.

Press to snap the Audio Jack Assy connector.

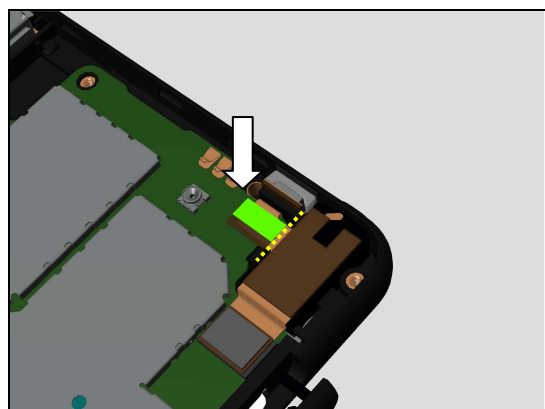


6.7 Film Kapton Audio Jack

Attach a NEW Film Kapton Audio Jack as shown in picture.

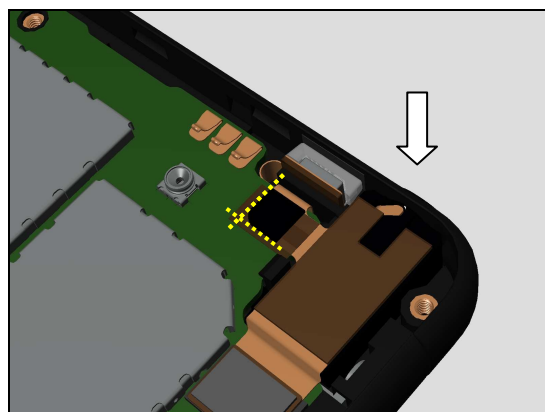


Attach another NEW Film Kapton Audio Jack as shown in picture.



6.8 Film Mylar Audio Jack FPC

Attach a NEW Film Mylar Audio Jack FPC as shown in picture.

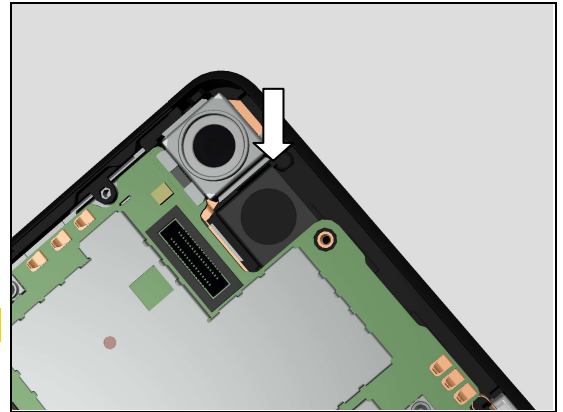


Reassembly

6.9 Adhesive Sponge Front Camera

Attach a NEW Adhesive Sponge Front Camera into its proper position as shown in picture.

Clean the adhesive residues before attaching.

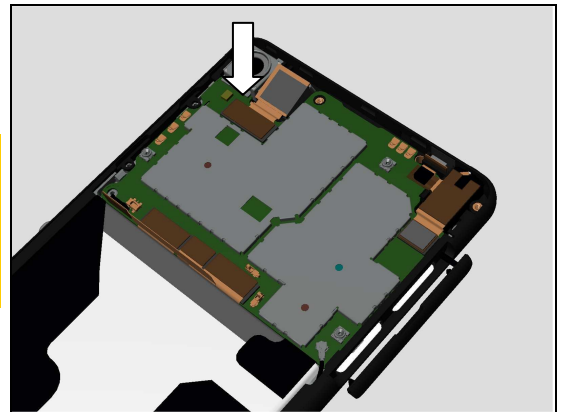


6.10 Front Camera

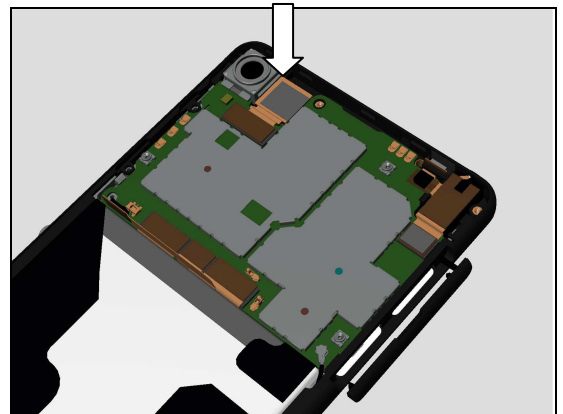
Follow the 5.32 Removal and Installation instructions to replace a new Conductive Tape Front Camera if damaged.

Follow the 5.44 Installation instructions to replace a new Rubber Front Camera BTB Connector.

Press to snap the Front Camera connector.



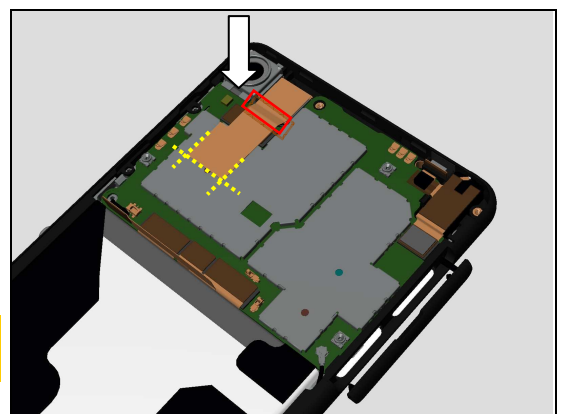
Press to attach the Front Camera into its cavity.



6.11 Conductor Foil Front Camera

Attach a NEW Conductor Foil Front Camera onto its proper position.

Note! Press the area marked with red color rectangular after attaching.



Reassembly

6.12 Antenna Assy DIV/BT/WIFI/GPS

Press to snap the Antenna Assy DIV/BT/WIFI/GPS.

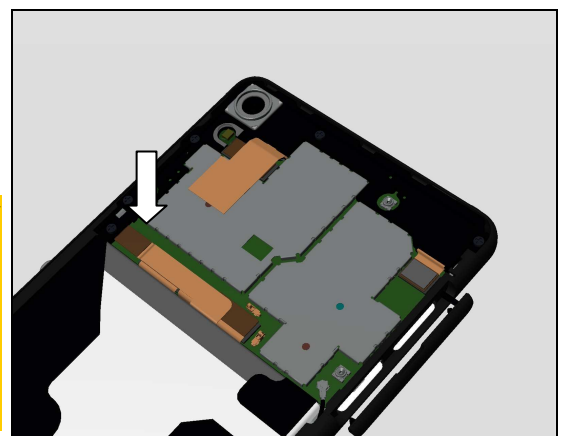
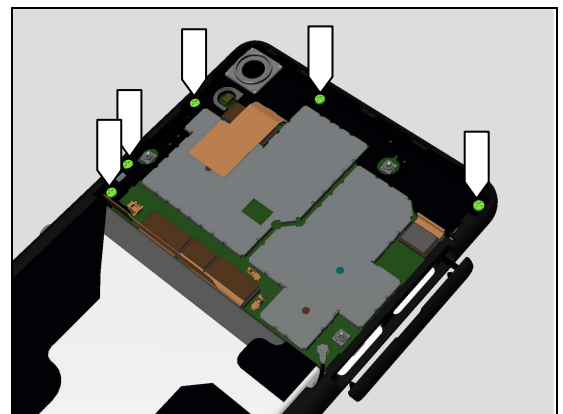
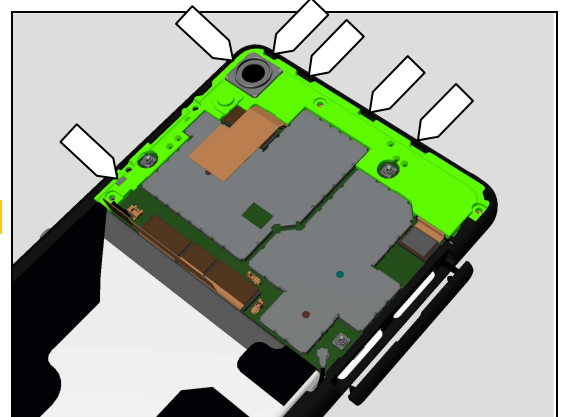
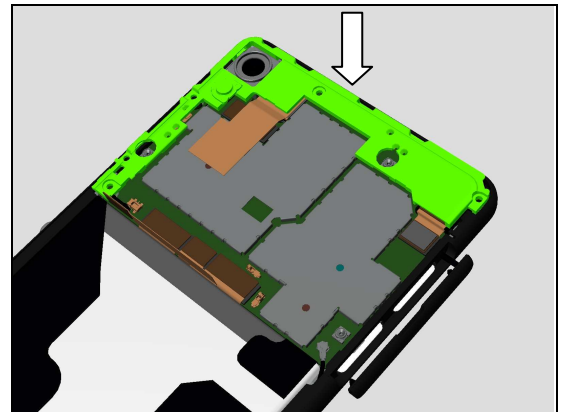
Make sure the hooks are snapped as shown in picture.

Apply 8Ncm torque when tightening the five Screw Cross M1.2 L2.5 Black with Bits JCIS No.0.

6.13 Battery Cover Assy

Press to snap the Battery connector.

Make sure all remaining adhesive residue on the Display Cover Assy have been removed, then use Isopropyl Alcohol – 99 % to clean around the attaching area of the Adhesive Battery Cover Bottom, Adhesive Battery Cover Left, Adhesive Battery Cover Right, Adhesive Battery Cover Top and Adhesive NFC before assembly of the Battery Cover Assy.



Reassembly

Follow the 5.33 Removal and Installation instructions to replace a new NFC Antenna and Conductor Foil Battery Cover if the NFC Antenna detached or damaged, and Conductor Foil Battery Cover detached or wrinkled.

Follow the 5.16, 5.17, 5.18 and 5.23 Removal and Installation instructions to replace a new Adhesive Battery Cover Bottom, Adhesive Battery Cover Left, Adhesive Battery Cover Right, Adhesive Battery Cover Top and Adhesive NFC.

Press to snap the hooks on the top side of the Battery Cover Assy (1).

Make sure all the hooks are snapped.

Then press to snap the hooks on the bottom side of the Battery Cover Assy (2).

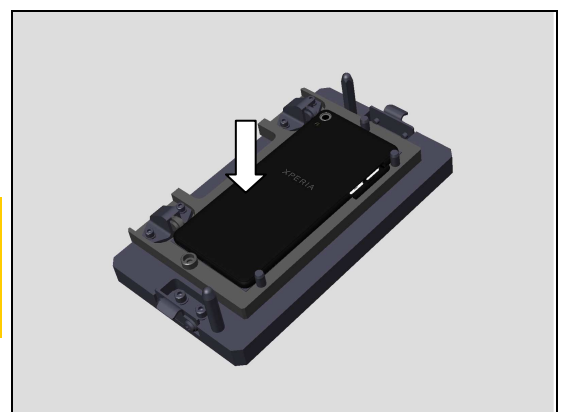
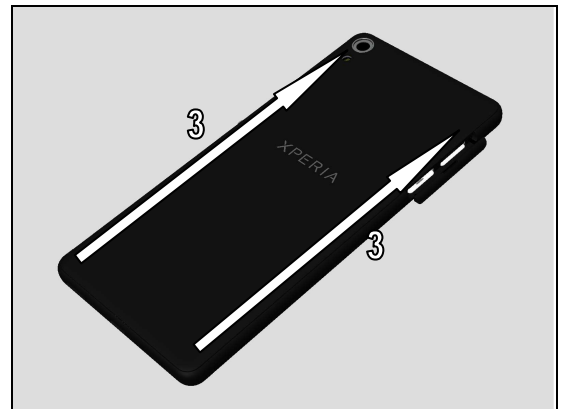
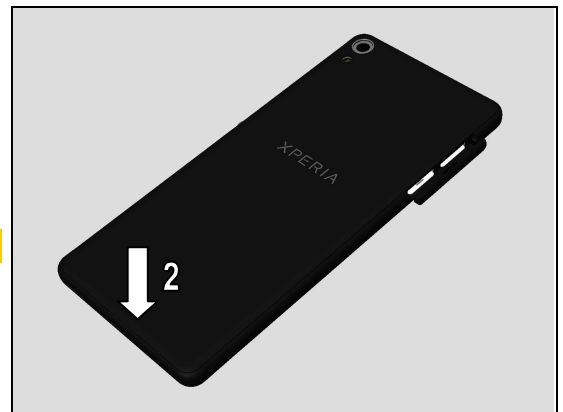
Make sure all the hooks are snapped.

Finally press along the area of the Adhesive Battery Cover Left and Adhesive Battery Cover Right (3).

Place the phone(with the Battery Cover Assy upwards) onto the Rear Panel Press Tool Bottom in its proper position as shown in picture.

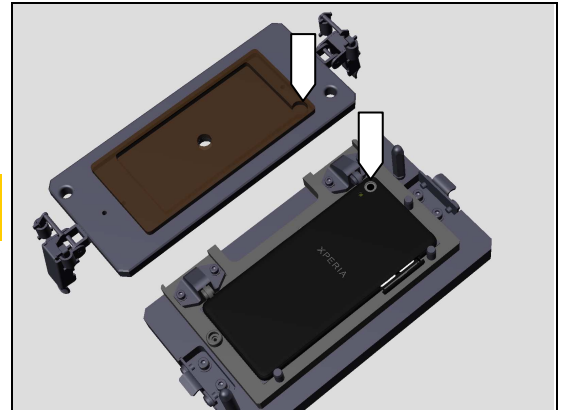
Note the correct orientation of the phone to be installed as shown in picture!

Keep the Cap SIM/SD open as shown in picture when pressing!

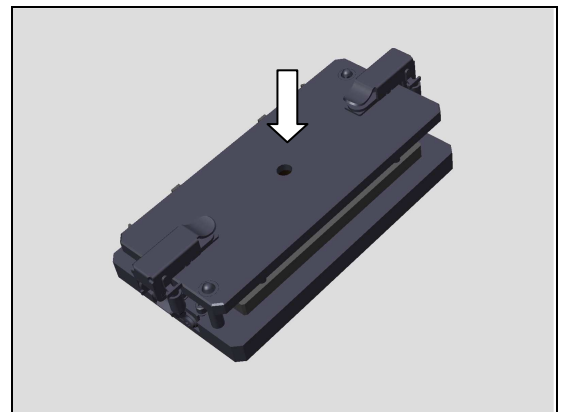


Reassembly

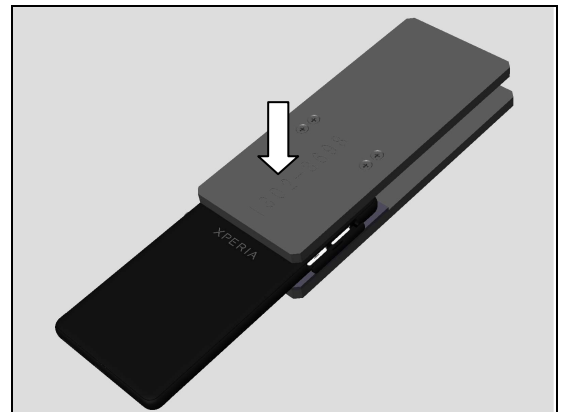
Note the correct orientation of the Rear Panel Press Tool Top Inlay to be installed as shown in picture!



Place the Rear Panel Press Tool Top Inlay and lock it as shown in picture.
Keep pressing for 2 minutes.

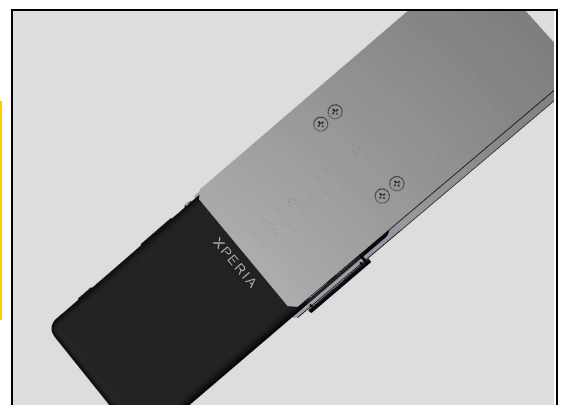


Press the area of the Adhesive NFC by using the Press Clamp for 10 seconds.



Note of how to use the Press Clamp:

- 1. Insert the phone to the bottom.**
- 2. The smaller press pad is used for pressing the area of the Adhesive NFC.**
- 3. The bigger press pad width is almost same as the phone width, so is used for positioning the phone.**



Reassembly

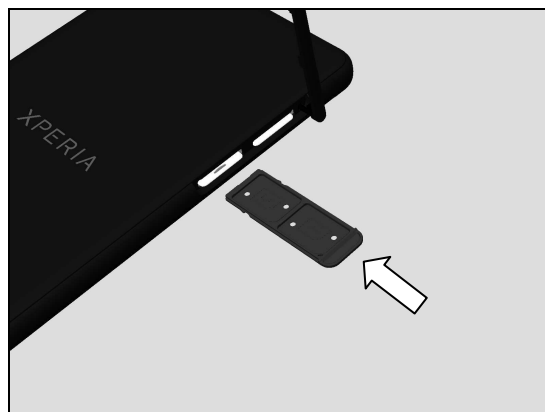
6.14 SIM Tray Single(F3111/F3113/F3115)/SIM Tray Dual(F3112/F3116)

Turn the Cap SIM/SD.



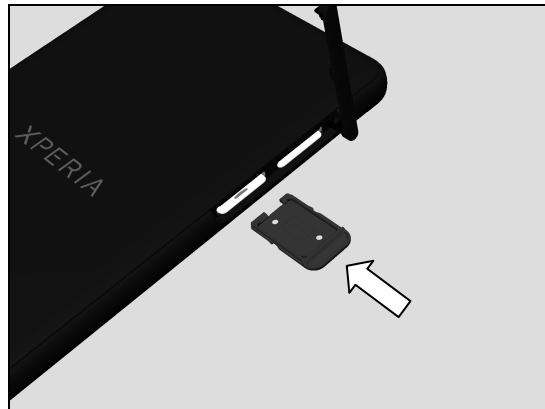
Insert the SIM Tray Dual.

This is only for F3112/F3116!



Insert the SIM Tray Single.

This is only for F3111/F3113/F3115!



Turn the Cap SIM/SD back.



Reassembly

Close the Cap SIM/SD.

Proximity and Accelerometer Calibration must be performed after reassembly; 1289-2983 Trouble Shooting Application – mechanical.



7 Revision History

Rev.	Date	Changes / Comments
1	2016-Jun-01	Initial release
2	2016-Jul-12	<ol style="list-style-type: none"> 1. Updated Mandatory Replacement Parts List. 2. Updated page14 picture2 and its instruction. 3. Added one more note for page 16 picture2. 4. Modified note of page19 picture1. 5. Modified tool information of page19 picture2. 6. Updated caution for page21 picture2. 7. Changed the unsnap position of the tool for page22 picture1. 8. Added caution for page22 picture2, picture3 and picture4. 9. Updated note for chapter 5.15: no need Accelerometer Calibration after replace Display Cover Assy. 10. Added one more note and its picture in chapter 5.22 installation. 11. Added note and updated picture for chapter 5.25 installation. 12. Added note for page45 picture1. 13. Updated instruction and added note for page50 picture4. 14. Added one more picture for chapter 5.40 removal to show the disassembly position. 15. Added one more note for page59 picture2. 16. Updated removal and installation pictures and reference numbers for chapter 5.43. 17. Updated picture of test point A and B in chapter 5.48. 18. Updated picture of test point A and B in chapter 5.49. 19. Updated note for chapter 6.4. 20. Added guiding lines for chapter 6.8. 21. Added picture to show the correct direction of the Rear Panel Press Tool Top Inlay to be installed in chapter 6.13.