

**Acer Chromebook C723T/C723
Voltorb_86**

Lifecycle Extension Guide

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Self-Repair

This chapter highlights the limited self-repair capabilities of the product.

Prior performing self-repair, familiarize yourself with the Safety Guidelines and Recommended Equipment sections first as described in the chapter "Disassembly Procedures".

Depending on model, the following key components are eligible for self-repair (if applicable)

- Battery pack
- HDD/SSD module
- WLAN module

If a particular key component is listed and thus would be eligible for self-repair, but is not described in the "Disassembly Procedures" section, then this component is either not present on the respective model, or it is present but embedded on the motherboard and therefore not eligible for self-repair.

⇒ NOTE:

Do not attempt to replace other components than those listed above

⇒ NOTE:

For replacement parts, always use only Acer certified components in order to safeguard quality, optimum system performance, stability and reliability of the product.

⇒ NOTE:

Any damage to the product that occur during self-repair, or which has occurred as a result of a careless or unsuccessful self-repair attempt, is not covered by the standard product warra

Machine Disassembly and Replacement

Introduction

This chapter contains general information about the computer, a list of tools needed to do the required maintenance and step by step procedures on how to remove and install components from the computer.

General Information

The product previews seen in the following procedures may not represent the final product color or configuration. Cable paths and positioning may also differ from the actual model. During the removal and installation of components, make sure all available cable channels and clips are used and that the cables are installed in the same position.

All prerequisites must be completed prior to starting maintenance.

Recommended Equipment

The following equipment are recommended to do the following maintenance procedures:

- Wrist grounding strap and conductive mat
- Flat screwdriver
- Philips screwdriver
- Polydrive screwdriver
- Plastic tweezers
- Flat plastic pry

Replacement Requirements

Do the following prior to starting any maintenance procedures:

1. Place the system on a stable work surface.
2. Remove the power adapter from the USB Type-C port (A) as shown in Figure 3-1 or from the USB-C port (B) as shown in Figure 3-2.
3. Remove all cables from system.

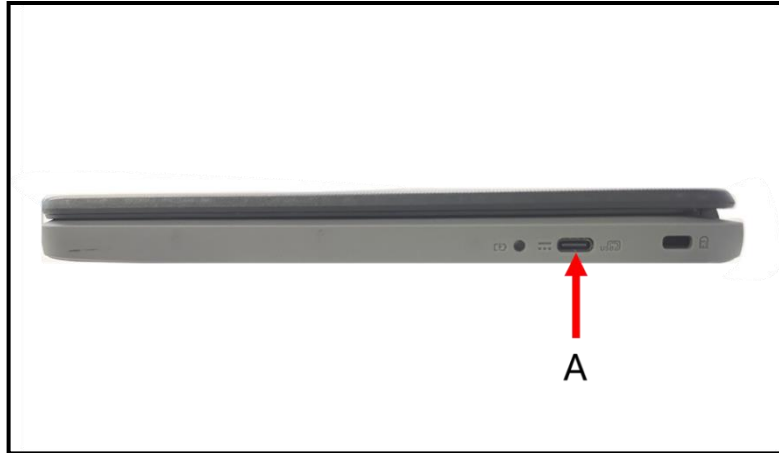


Figure 3-1. AC Adapter Outlet

4. Remove the microSD card from the microSD card slot (C) (Figure 3-2).

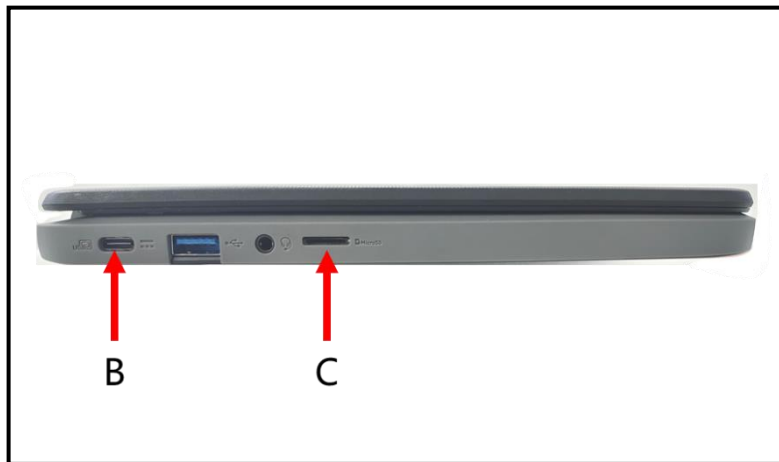


Figure 3-2. MicroSD Card Removal

⇒ NOTE:

Make sure the system is completely powered off.

Disassembly Process

The disassembly process is divided into the following sections:

- Main unit disassembly
- LCD module disassembly

The flowcharts provided in the succeeding disassembly sections illustrate the entire disassembly sequence. Observe the order of the sequence to avoid damage to any of the hardware components. For example, when removing the mainboard, remove first the Base Cover, Battery, and Keyboard in that order.

Table 3-1. Main Screw List

Size	Quantity	Acer Part No.
SCREW M2.0*L2.5*T0.5*D4.5_Black	6	86.KKAN8.001
SCREW M2.0*L3.5*T0.5*D5.0_Black	16	86.KKAN8.002
SCREW M2.5*L4*T0.8*D4.5_Black	6	86.KKAN8.003
SCREW M2.0*L3*T0.5*D5.0_Slivery	4	86.KKAN8.004
SCREW M2.0*L4.0*T0.7*D4.0_Slivery	5	86.KKAN8.005
SCREW M2.0*L6*T0.8*D4.5_Black	12	86.KKAN8.006

Main Unit Disassembly Flowchart

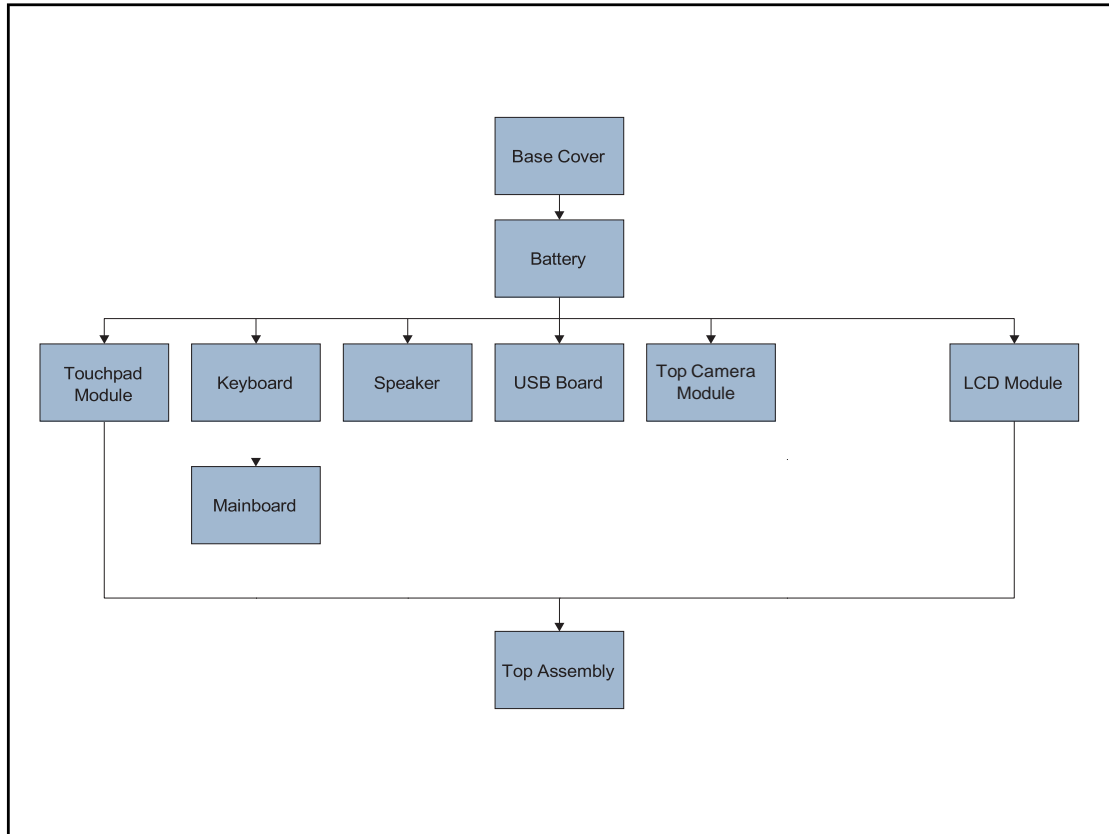


Table 3-2. Main Unit Screw List

Step	Size	Quantity	Acer Part No.
Base Cover Removal	M2.0*L6	12	86.KKAN8.006
Touchpad Module & WLAN Module Removal	M2.0*L3	3(Touch pad)	86.KKAN8.004
		1(WLAN Module)	86.KKAN8.004
USB Board Removal	M2.5*L4.0	3 (hinge)	86.KKAN8.005
	M2.0*L3.5	3 (USB board & I/O bracket)	86.KKAN8.002
Battery & LCD hinge Removal	M2.0*L3.5	1(Battery)	86.KKAN8.002
		6(LCD hinge)	86.KKAN8.002
Mainboard Removal	M2.5*L4.0	3 (SYS hinge)	86.KKAN8.005
	M2.0*L3.5	8 (mainboard & I/O bracket)	86.KKAN8.002
LCD Module Removal	M2.0*L2.5	6(hinge BKT & Panel)	86.KKAN8.001

Base Cover Removal

1. Remove twelve (12) screws from the base cover (Figure 3-3).

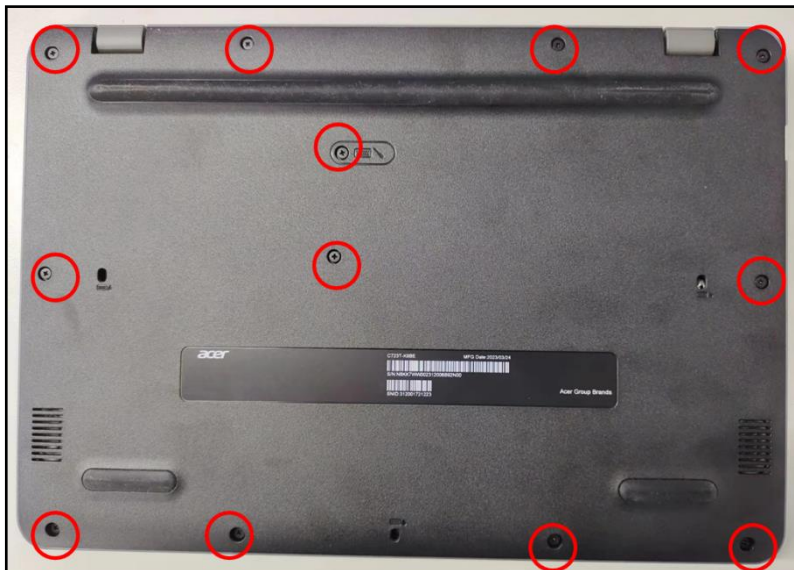


Figure 3-3. Base Cover Removal


2. Carefully pry up the base cover starting from the upper side to release the latches. Then continue releasing the remaining latches on the left, right, and bottom sides (Figure 3-4).



Figure 3-4. Base Cover Removal



Figure 3-5. Base Cover Removal

ID	Size	Torque	Quantity	Screw Type
Red Call out	M2.0*L6.0	2.0±15%kgf-cm	12 (base cover)	

Removing the Battery

Prerequisite:

Base Cover Removal

1. Find the battery pack (A) on the top assembly (Figure 3-6).
2. Detach the transparent mylar (B) securing the mainboard connector (Figure 3-6).

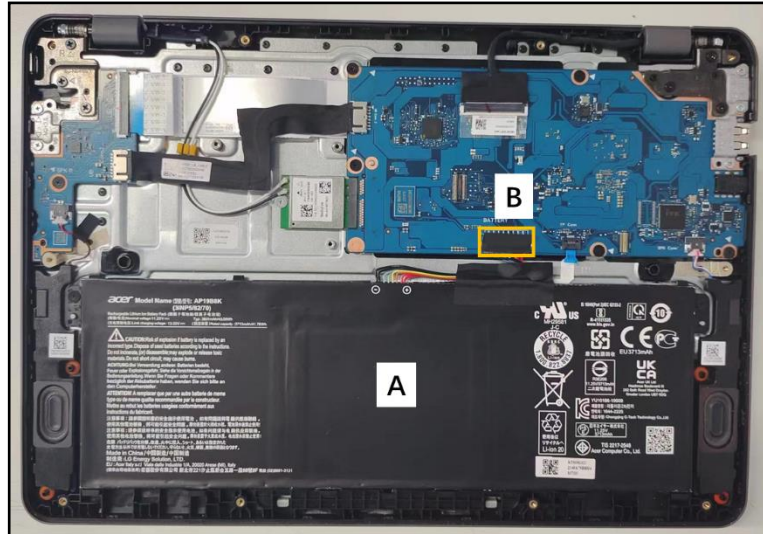


Figure 3-6. Battery Pack Removal

3. Disconnect the battery cable from the mainboard connector (C) (Figure 3-7).
4. Detach the transparent mylar (D) securing the battery cable (Figure 3-7).

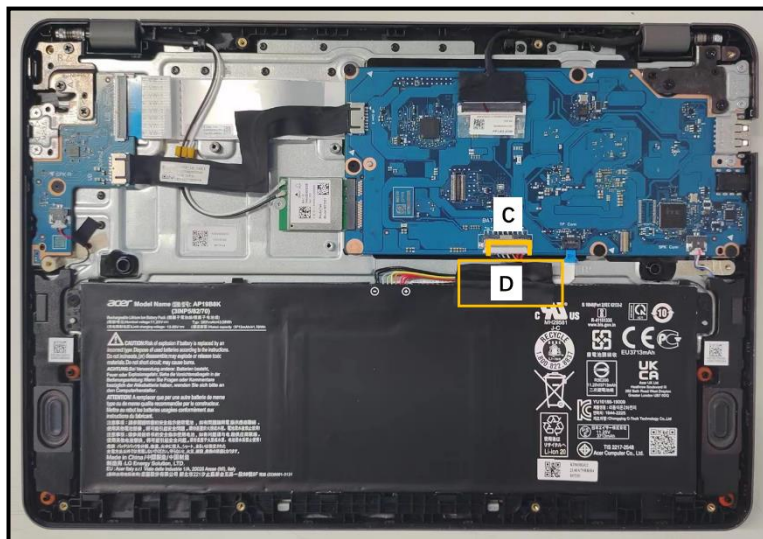


Figure 3-7. Battery Pack Removal

5. Remove two (2) screws (E) securing the Battery (Figure 3-8).

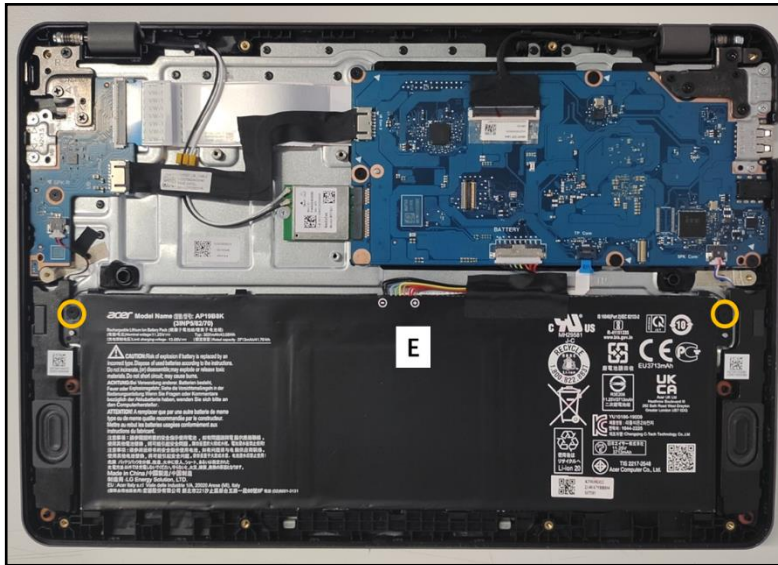


Figure 3-8. Battery Pack Removal


6. Lift to release the battery pack from the guide pins (F) (Figure 3-9). Then remove the battery pack from the top assembly.



Figure 3-9. Battery Pack Removal

+ IMPORTANT:

Follow local regulations for battery disposal.

ID	Size	Torque	Quantity	Screw Type
Orange Call out	M2.0*L3.5	2.0+20%kgf-cm	2	

Touchpad Module Removal

Prerequisite:

Battery Pack Removal

1. Detach the adhesive tape (A) securing the touchpad FFC on the touchpad module. (Figure 3-10).

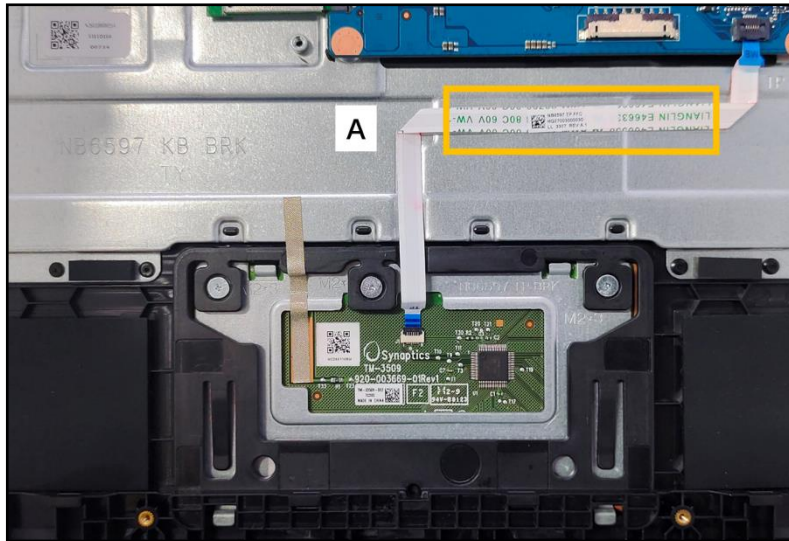


Figure 3-10. Touchpad Module Removal

2. Disconnect the touchpad FFC (B) from the touchpad module and mainboard connectors. Then carefully detach the FFC from its underneath adhesive to remove it from the top assembly (Figure 3-11).

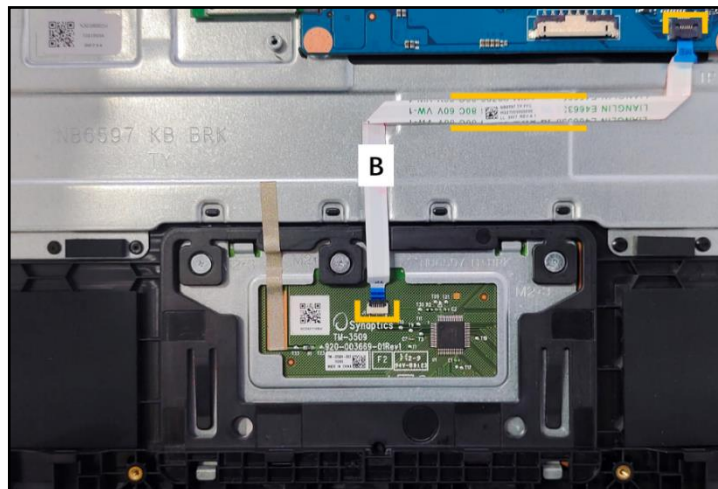


Figure 3-11. Touchpad Module Removal

⚠ CAUTION:

Touchpad FFC (Flexible Flat Circuit) can be damaged if removed while the

mainboard and touchpad module connectors are locked.

3. Detach the conductive tape (C) from the touchpad module (Figure 3-12).

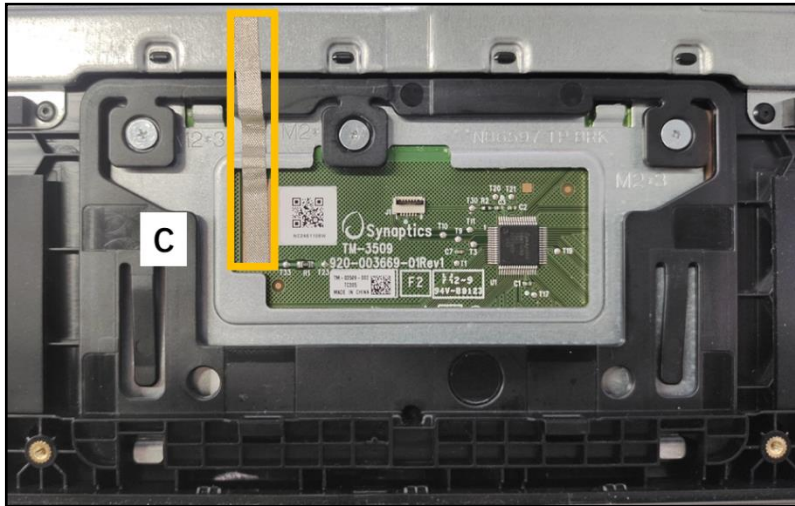


Figure 3-12. Touchpad Module Removal

4. Remove three (3) screws securing the touchpad module (Figure 3-13).

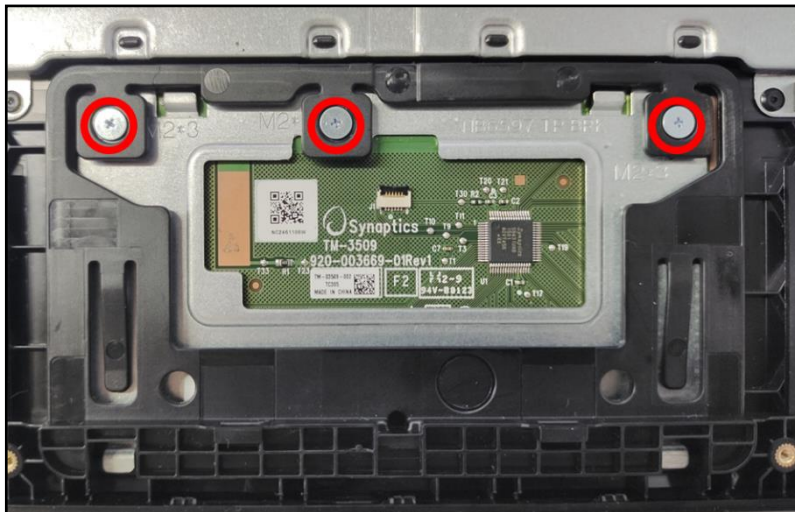



Figure 3-13. Touchpad Module Removal

5. Using the screwdriver, push the guide pins (D) firmly to release them from the top assembly (Figure 3-14).
6. Slide the touchpad module slightly to disengage it from the bottom latches (E), and then remove the touchpad module (F) from the top assembly (Figure 3-14).







Figure 3-14. Touchpad Module Removal

ID	Size	Torque	Quantity	Screw Type
Red Call out	M2.0*L3.0	2.0+20%kgf-cm	3	

Keyboard Removal

Prerequisite:

Disconnect the power source, and then enter the **Shipping Mode** by the following SOP if the **Refresh**  and **Power**  keys remain work.

1. Hold the **Refresh**  and **Power**  keys at the same time.
2. While holding these keys, remove the power cable from the device and then release the keys. The device should shut down and remain off.
3. Verify that the battery has been properly disconnected by the pressing the **Power** key. The device should not be powered on.

If the keyboard keys fail to function to enable the **Shipping Mode**, remove the battery pack to disconnect the power source.

Attention!

Before removing or installing the keyboard, **make sure to complete the Power Down Procedure** (Enter **Shipping Mode** SOP) to avoid damaging the Chromebook.

1. Carefully flip the top assembly and place it on the surface with the keyboard side facing up (Figure 3-14).
2. Using a flat-headed tool, carefully pry to disengage the bottom side latches of the keyboard (A) as shown in Figure 3-14.



Figure 3-14. Keyboard Removal

- Carefully lift the bottom part of the keyboard to release it from the top assembly (Figure 3-15). The upper latches will automatically disengage as you release the keyboard.



Figure 3-15. Keyboard Removal

- Detach the tape (B) securing the keyboard FPC (Figure 3-16).

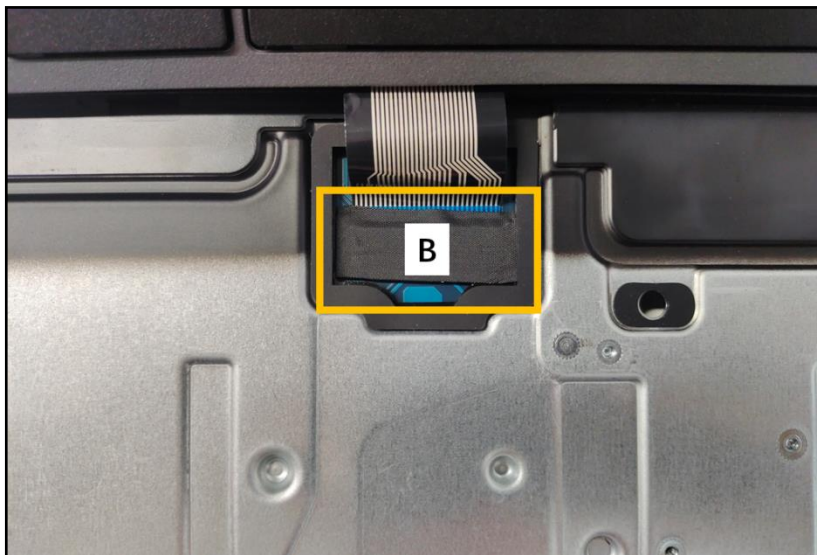


Figure 3-16. Keyboard Removal

5. Disconnect the keyboard FPC from the mainboard connector (C) (Figure 3-17). Then remove the keyboard.

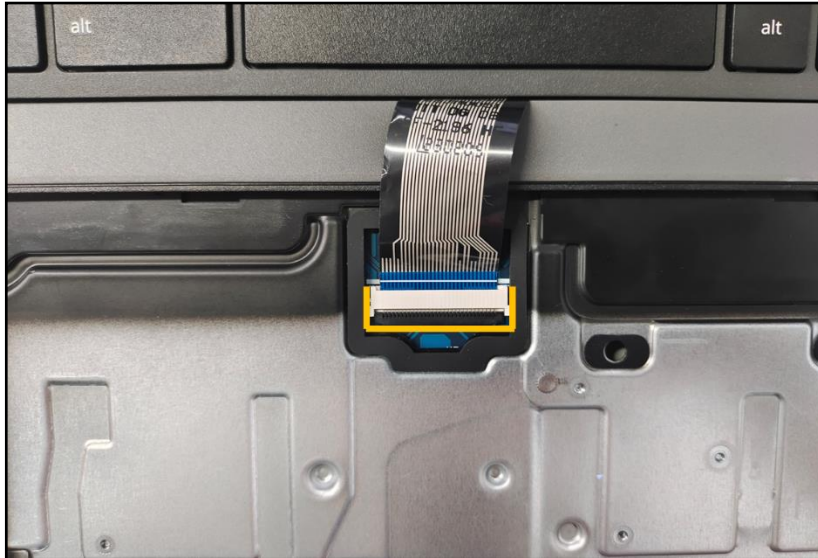


Figure 3-17. Keyboard Removal

⚠ CAUTION:

Keyboard FPC (Flexible Printed Circuit) can be damaged if removed while the mainboard connector is locked.

⚠ CAUTION:

The keyboard Mylar can be reused (red box position), and a new keyboard needs to be pasted with Mylar, keyboard Mylar PN: 47.KKAN8.005: To disassemble the keyboard, you must first disassemble the D-cover screws, And the system goes into **Shipping Mode**



Speaker Module Removal

Prerequisite:

Battery Pack Removal

1. Find the speaker module (A) on the top assembly (Figure 3-19).
2. Disconnect the left speaker cable from the mainboard connector (B) (Figure 3-19).
3. Disconnect the right speaker cable from the mainboard connector (C) (Figure 3-19).

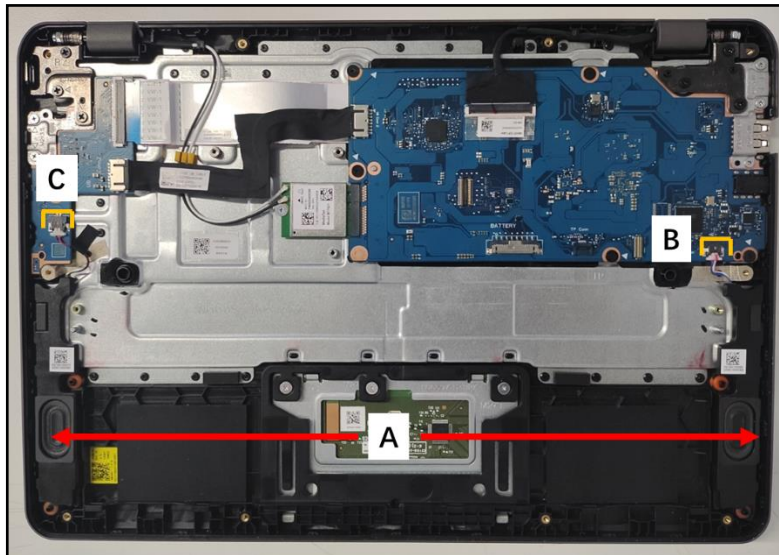


Figure 3-19. Speaker Module Removal

4. Lift the speakers to release them from the guide pins (D) (Figure 3-20). Then remove the speakers from the top assembly.

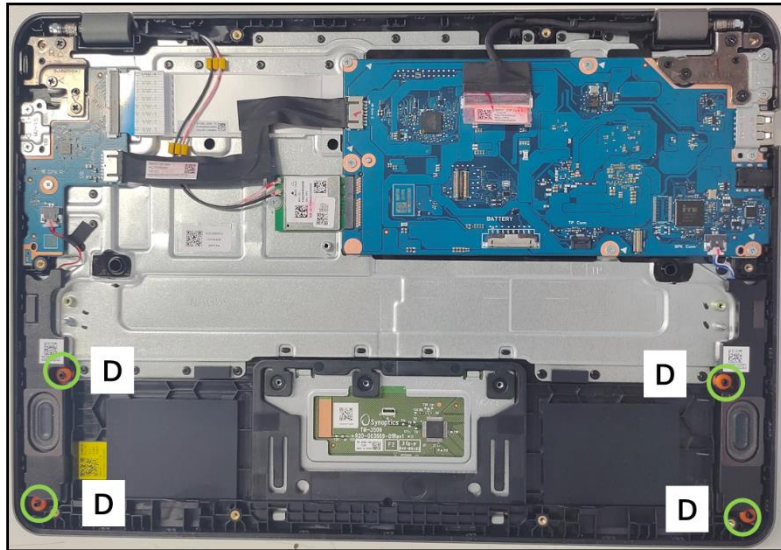


Figure 3-20. Speaker Module Removal

USB Board Removal

Prerequisite:

Battery Pack Removal

1. Remove three (3) screws (A) securing the right LCD hinge (Figure 3-21).

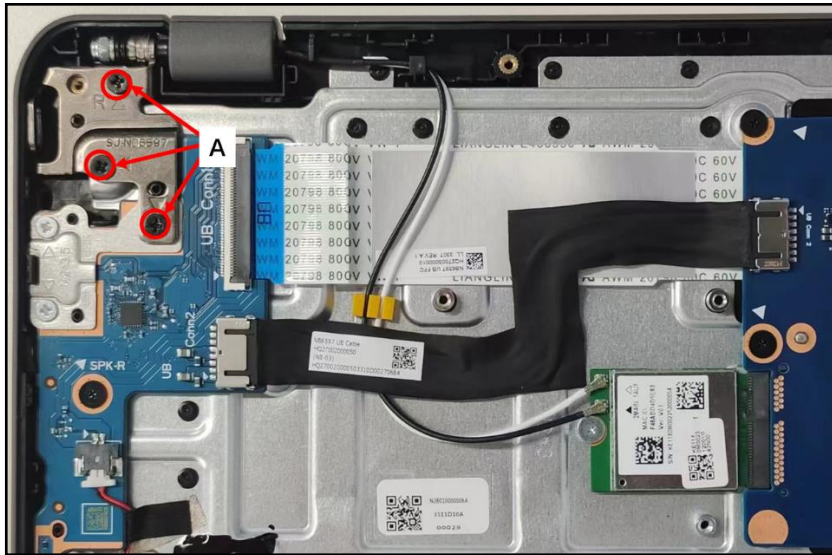


Figure 3-21. USB Board Removal

2. Lift the top assembly until it is fully open (Figure 3-22).

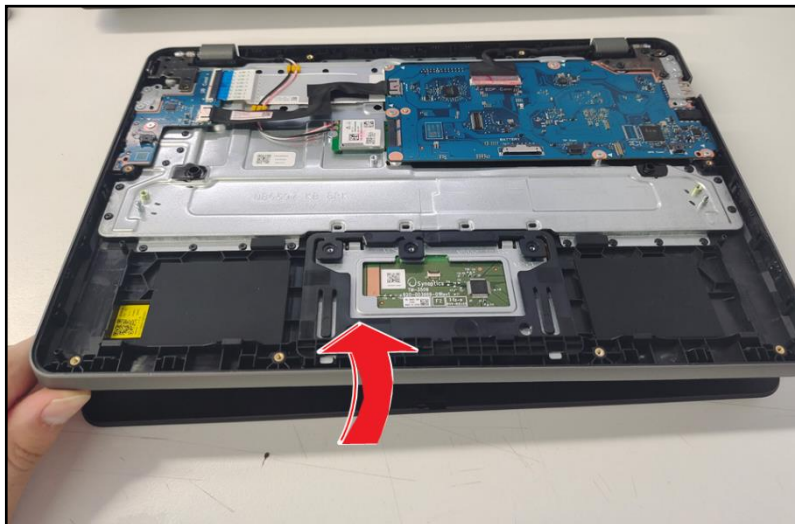


Figure 3-22. USB Board Removal

3. Close the top assembly and lift the right LCD hinge until it is slightly extended (Figure 3-23).

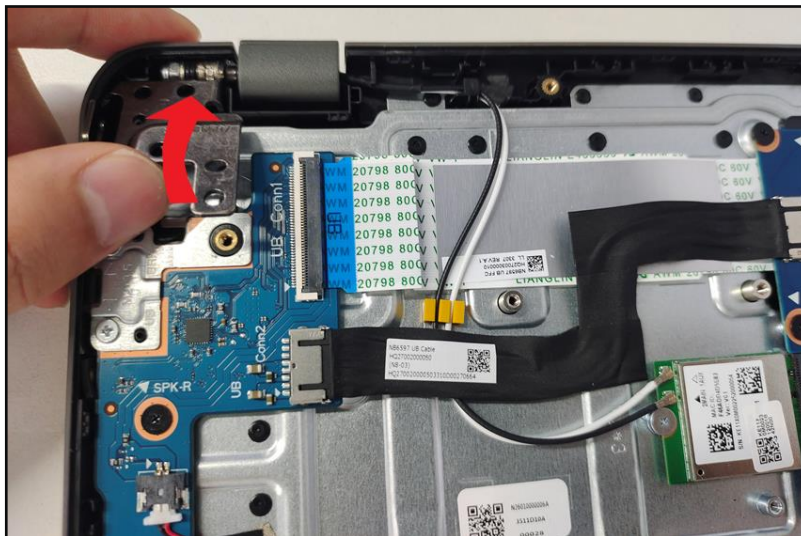


Figure 3-23. USB Board Removal

4. Disconnect the USB board L CABLE (B) from the USB board and mainboard connectors (Figure 3-24). Then remove it from the top assembly.

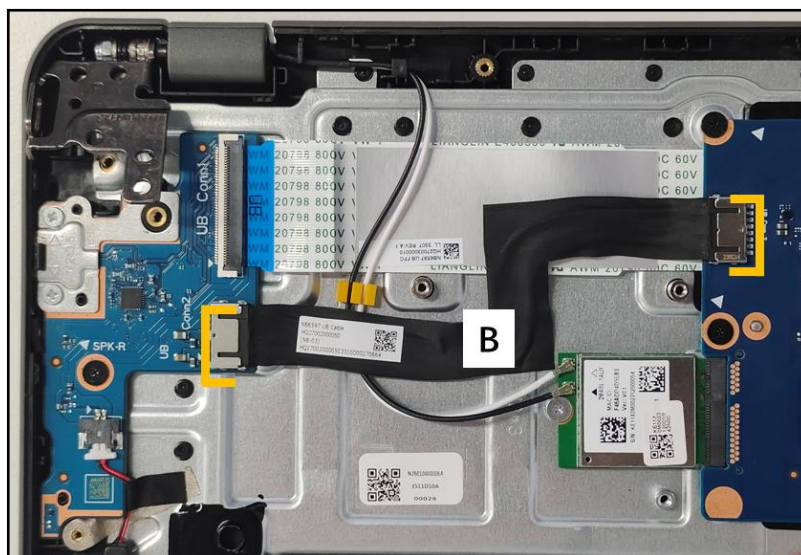


Figure 3-24. USB Board Removal

⚠ CAUTION:

USB board L FFC (Flexible Flat Circuit) can be damaged if removed while the USB board and mainboard connectors are locked.

5. Disconnect the USB board H FFC (C) from the USB board and mainboard connectors (Figure 3-25). Then remove it from the top assembly.
6. Remove two (2) screws (D)/one (1) screws (E) securing the USB board and I/O bracket (Figure 3-25).

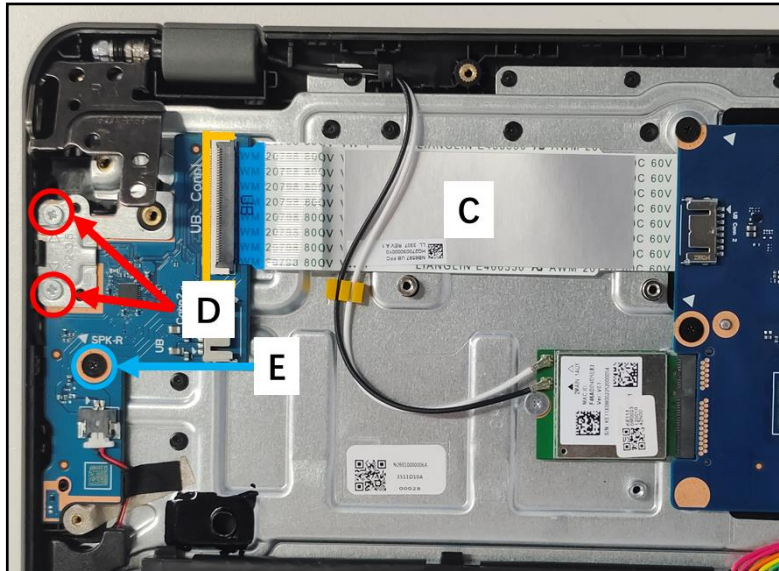


Figure 3-25. USB Board Removal

⚠ CAUTION:

USB board H FFC (Flexible Flat Circuit) can be damaged if removed while the USB board and mainboard connectors are locked.

7. Release the I/O bracket (F) from the I/O port slot and guide pins (G) on the top assembly (Figure 3-26). Then remove the I/O bracket.

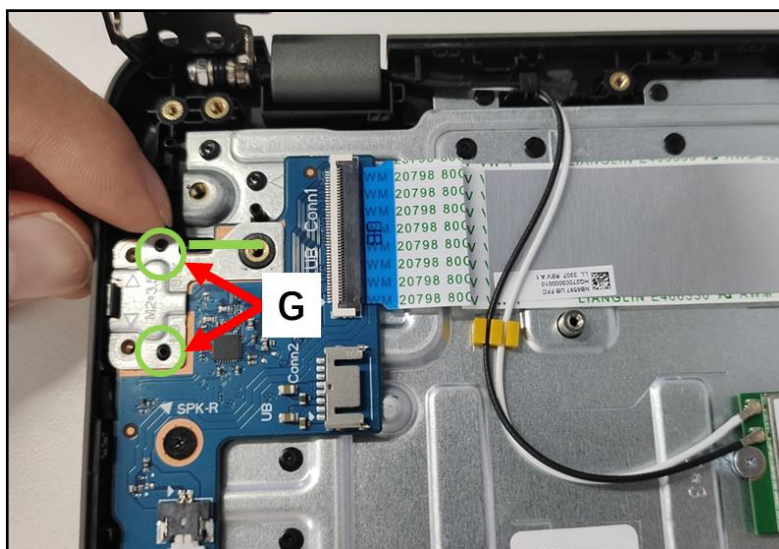





Figure 3-26. USB Board Removal

8. Release the USB board (G) from the I/O port slots and guide pins (H) on the top assembly (Figure 3-27). Then remove the USB board.



Figure 3-27. USB Board Removal

ID	Size	Torque	Quantity	Screw Type
A	M2.5*L4.0	3.0±15%kgf-cm	3	
D	M2.0*L4.0	2.0+20%kgf-cm	2	
D	M2.0*L3.5	2.0+20%kgf-cm	1	

LCD Module Removal

Prerequisite:

Battery Pack Removal

9. Disconnect the WLAN antennas cables from the WLAN module connectors (A). Then unroute the WLAN antennas cables from the cable guides (Figure 3-28).

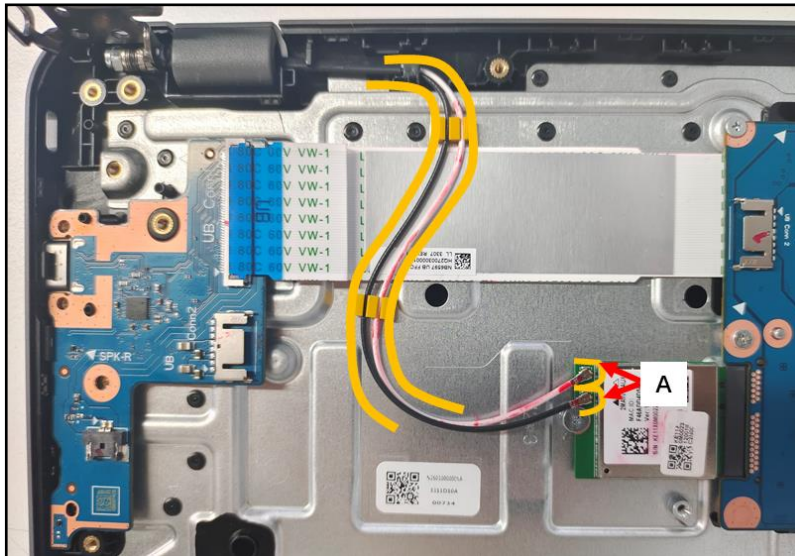


Figure 3-28. LCD Module Removal

10. Disconnect the EDP cable from the mainboard connector (B). Then unroute the cable from the cable guides (Figure 3-29).

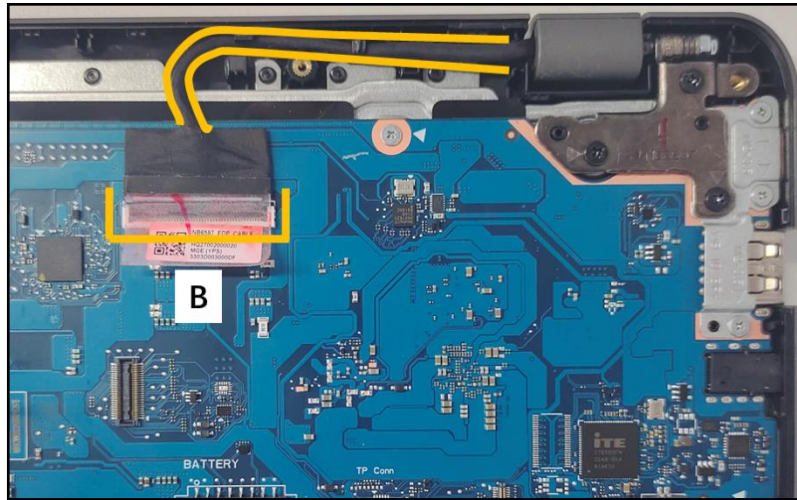


Figure 3-29. LCD Module Removal

11. Remove six (6) screws securing the LCD hinges (Figure 3-30).

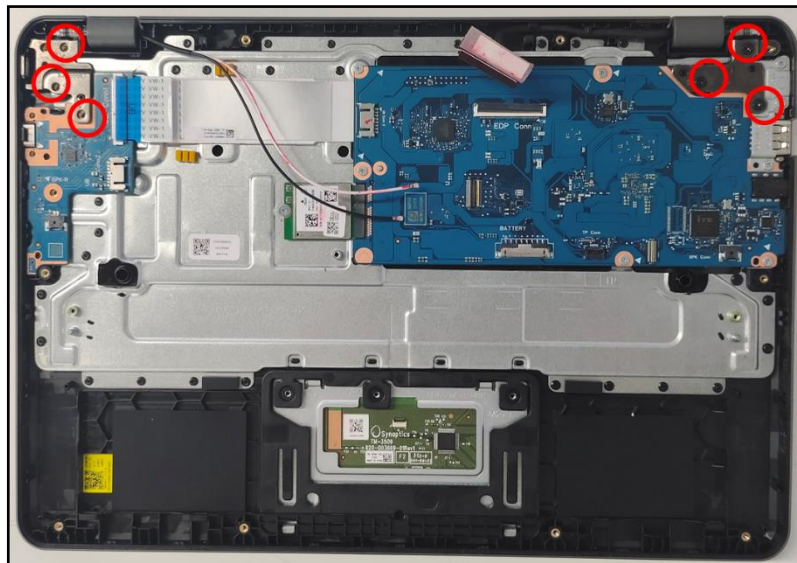


Figure 3-30. LCD Module Removal

12. Lift to slightly open the top assembly (Figure 3-31).

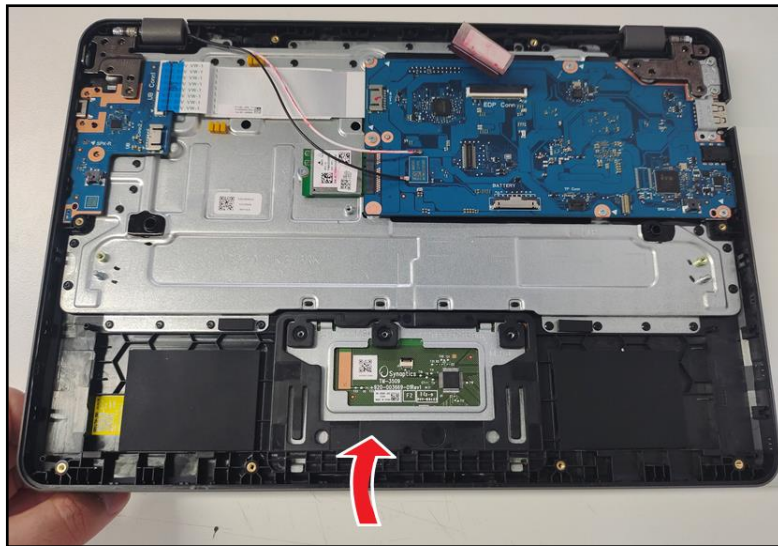


Figure 3-31. LCD Module Removal

13. By holding the I/O brackets, continue to fully open the top assembly (Figure 3-32).

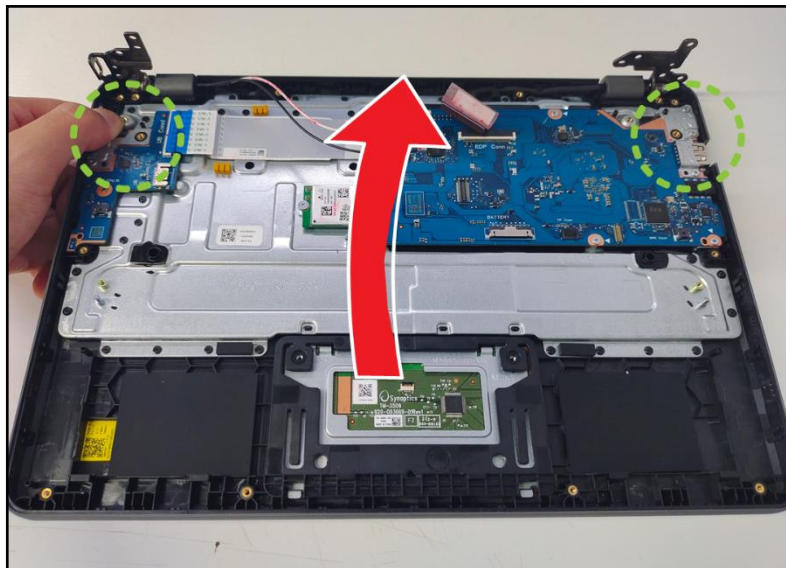


Figure 3-32. LCD Module Removal


14. Remove the LCD module (E) away from the top assembly (Figure 3-32).

⚠ CAUTION:

Make sure all cables and antennas are moved away from the device to avoid damage during removal.



Figure 3-33. LCD Module Removal

ID	Size	Torque	Quantity	Screw Type
Red Call out	M2.5*L4.0	3.0±15%kgf-cm	6	

Mainboard Removal

Prerequisite:

Keyboard Removal

1. Remove three (3) screws (A) securing the left LCD hinge (Figure 3-34).

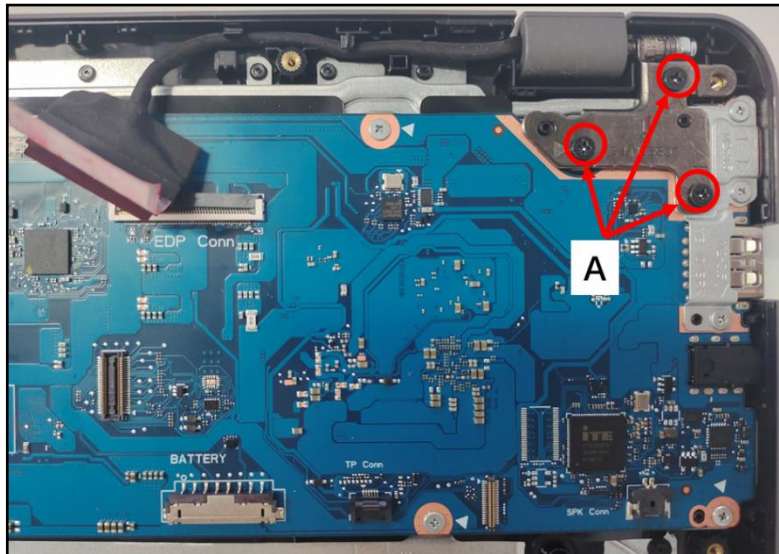


Figure 3-34. Mainboard Removal

2. Open the top assembly (Figure 3-35).

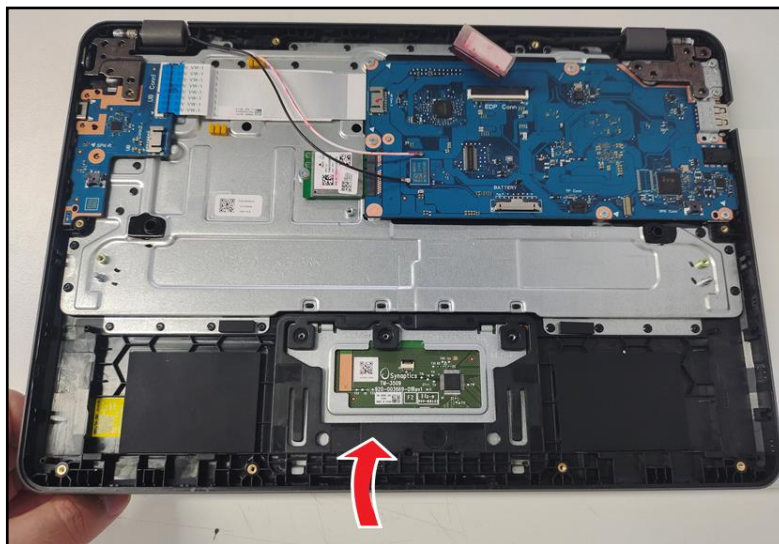


Figure 3-35. Mainboard Removal

3. Lift the left LCD hinge until it is slightly extended (Figure 3-36).

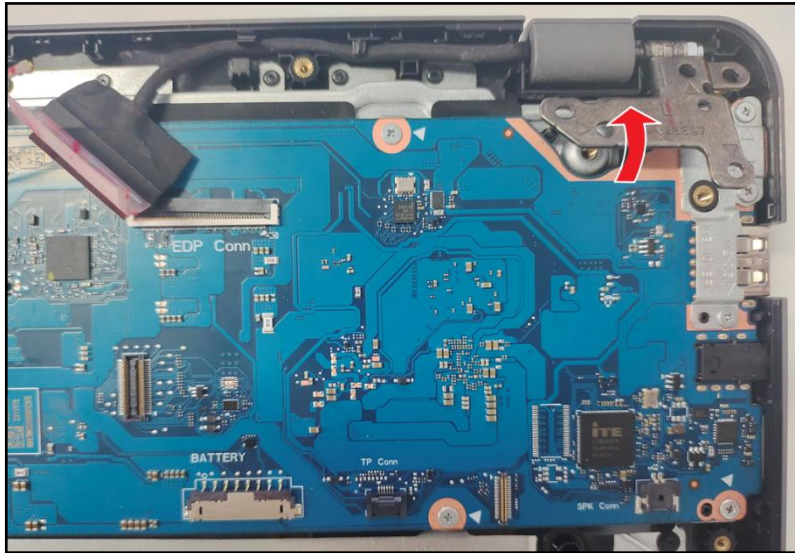


Figure 3-36. Mainboard Removal

4. Disconnect the WLAN antenna cables from the WLAN module connectors (B) (Figure 3-37).
5. Disconnect the UB cable from the mainboard connector (D) (Figure 3-37).
6. Disconnect the EDP cable from the mainboard connector (D) (Figure 3-37).
7. Disconnect the touchpad FFC from the mainboard connector (E) (Figure 3-37).
8. Disconnect the speaker cable from the mainboard connector (F) (Figure 3-37).

⚠ CAUTION:

Touchpad FFC (Flexible Flat Circuit) and USB board L FFC, can be damaged if removed while the mainboard connectors are locked.

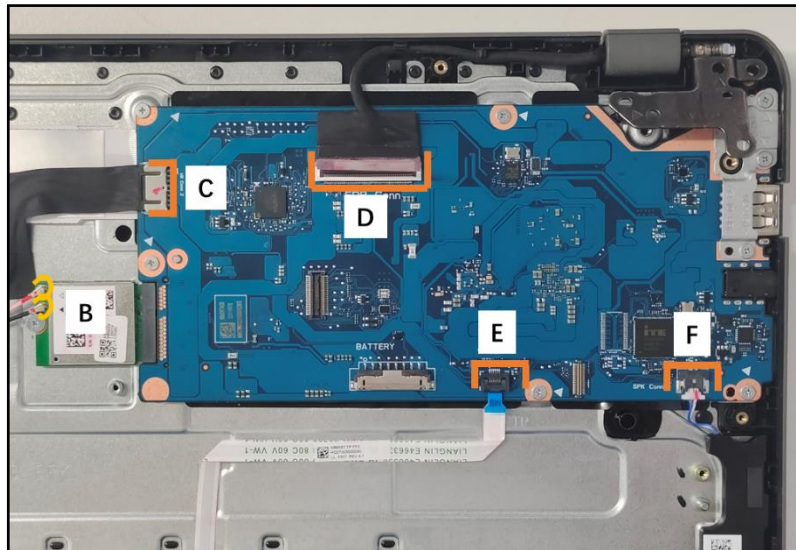


Figure 3-37. Mainboard Removal

9. Remove seven (5) screws (L) and three (3) screws (M) securing the mainboard and I/O bracket (Figure 3-38).

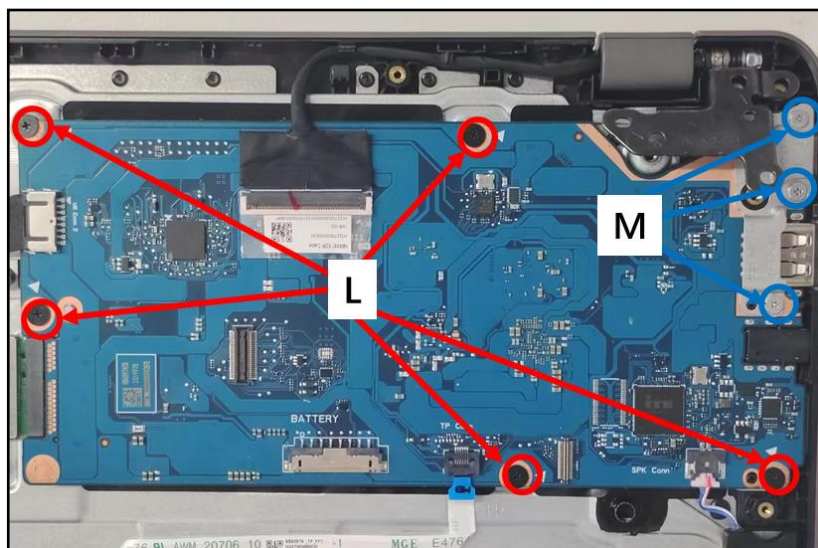


Figure 3-38. Mainboard Removal

⚠ CAUTION:

USB board H FFC (Flexible Flat Circuit) can be damaged if removed while the mainboard connector is locked.

10. Release the I/O bracket (N) from the I/O port slot and guide pins (O) on the top assembly (Figure 3-39). Then remove the I/O bracket.

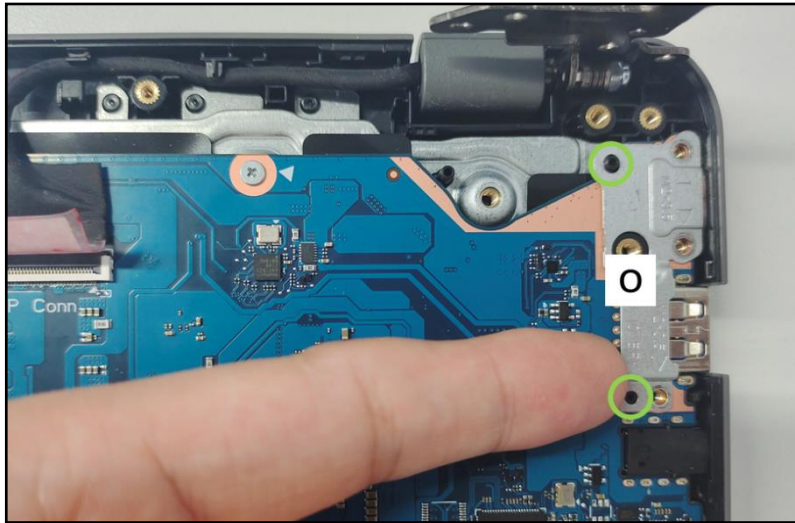


Figure 3-39. Mainboard Removal

11. Release the mainboard (P) from the I/O ports slots and guide pins (Q) on the top assembly (Figure 3-40). Then remove the mainboard.



Figure 3-40. Mainboard Removal

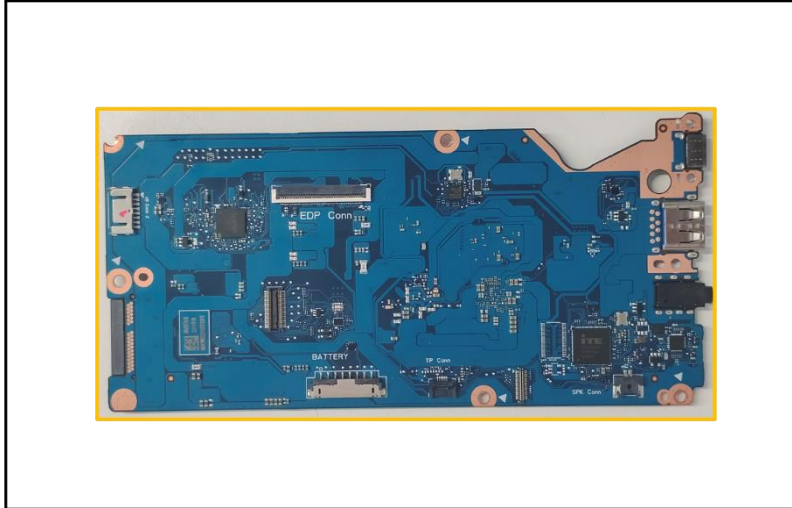





Figure 3-41. Mainboard

+ **IMPORTANT:**

Circuit boards >10 cm² have been highlighted with a yellow rectangle as shown in Figure 3-40. Remove the circuit board and follow local regulations for disposal.

ID	Size	Torque	Quantity	Screw Type
A	M2.5*L4.0	3.0±15%kgf-cm	3	
L	M2.0*L3.5	2.0+20%kgf-cm	5	
M	M2.0*L4.0	2.0+20%kgf-cm	3	

Top Assembly Removal

Prerequisite:

Touchpad Module Removal, Speaker Module Removal,
USB Board Removal, LCD Module Removal, Mainboard Removal, and
Top Camera Module Removal

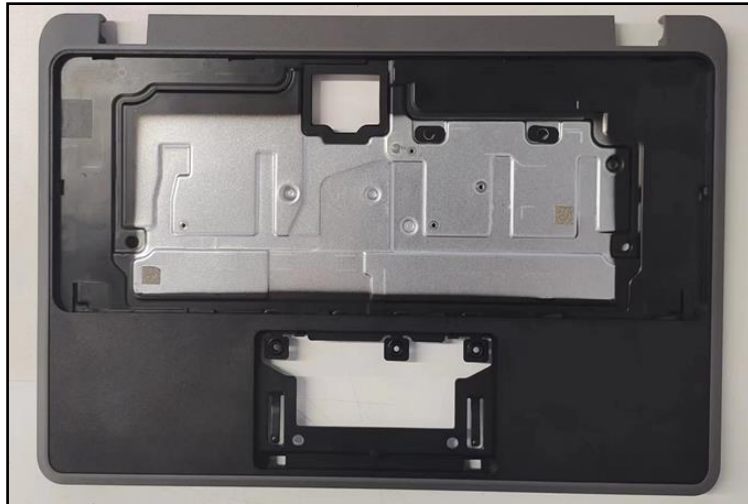


Figure 3-42. Top Assembly

LCD Module Disassembly Process

LCD Module Disassembly Flowchart

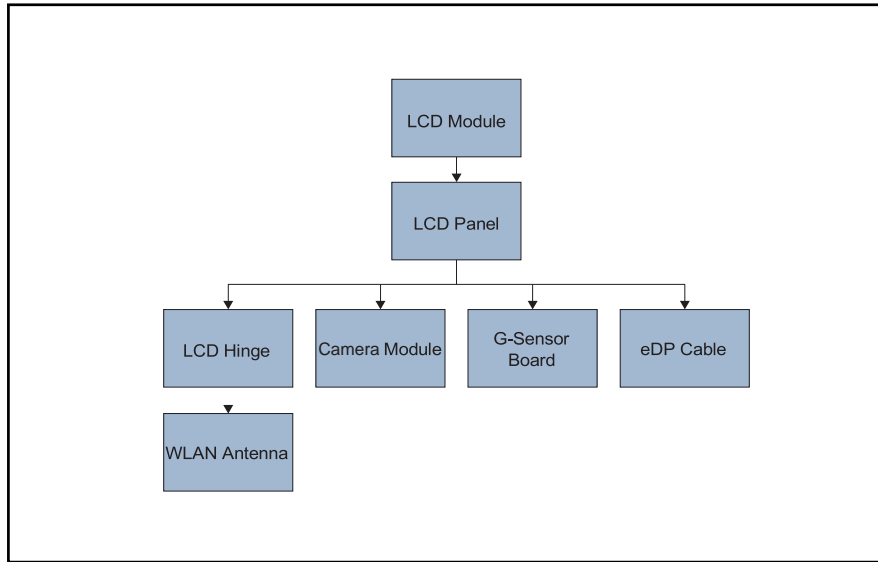


Table 3-3. LCD Module Screw List

Step	Size	Quantity	Acer Part No.
LCD Hinges Removal	M2.5*2.5	6	86.GWGN7.001

LCD Panel Removal

Prerequisite:

LCD Module Removal

1. Pry the LCD panel from the upper side to release the latches (Figure 3-43).



Figure 3-43. LCD Panel Removal

2. Continue prying the latches on the right side of the LCD panel as shown in Figure 3-44.

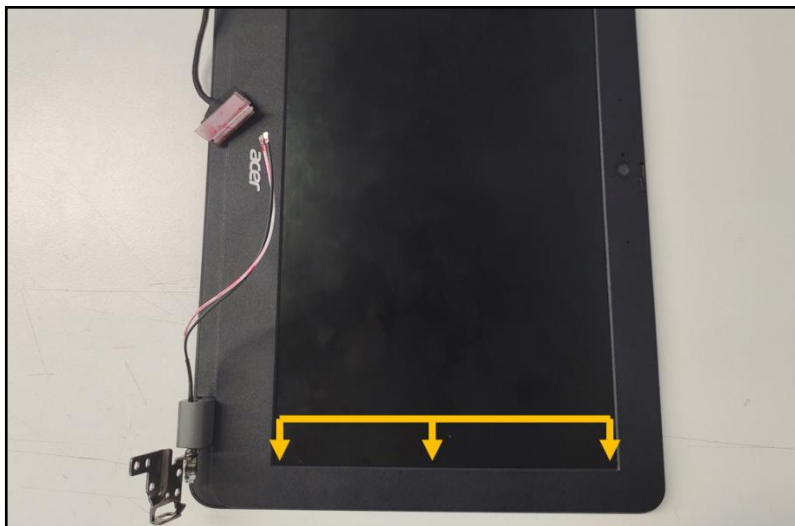


Figure 3-44. LCD Panel Removal

3. Pry the latches on the left side of the LCD panel as shown in Figure 3-45.

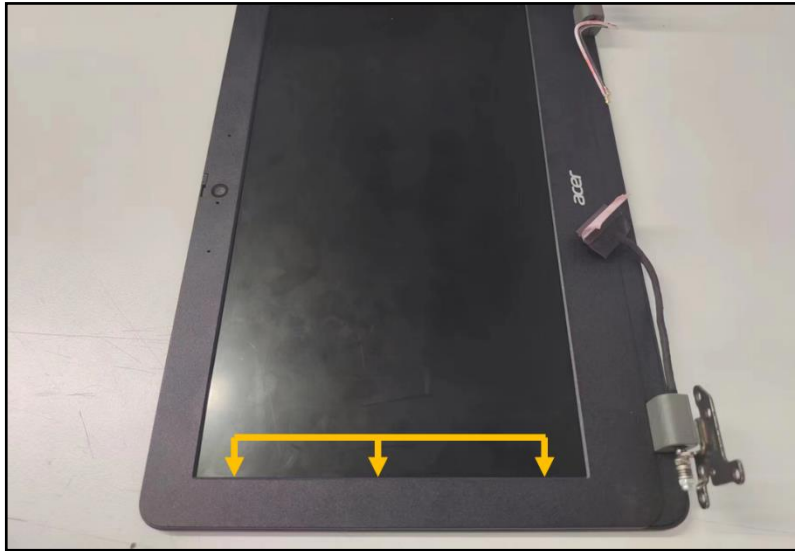


Figure 3-45. LCD Panel Removal

4. Continue prying the remaining latches on the bottom side of the LCD panel as shown in Figure 3-46.

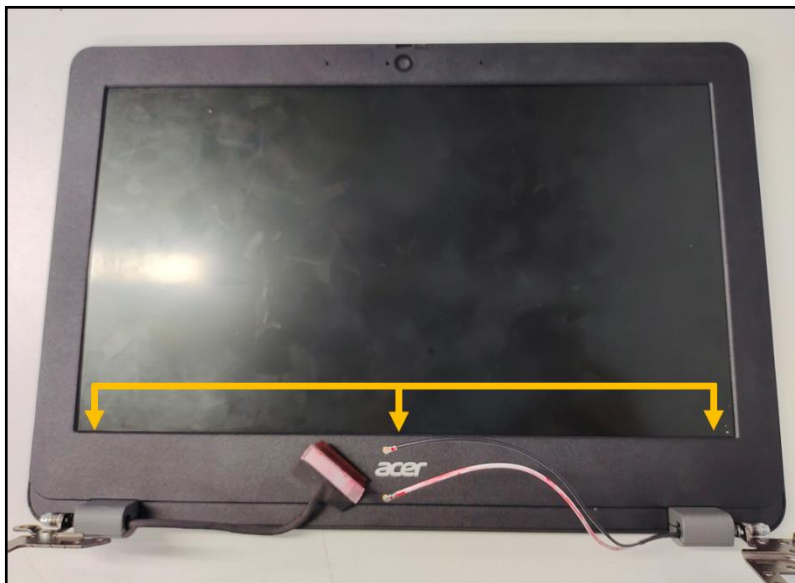


Figure 3-46. LCD Panel Removal

5. Release the EDP cable (A) from the left hinge cap (Figure 3-47). Then remove the LCD panel (B).

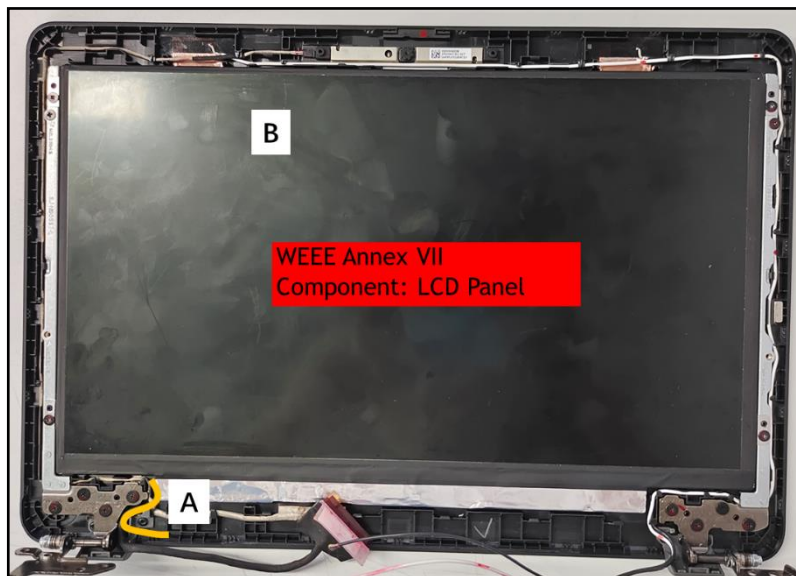


Figure 3-47. LCD Panel Removal

LCD Hinges Removal

Prerequisite:

LCD Panel Removal

1. Release the WLAN antennas cables from the right hinge cap as shown in Figure 3-48.

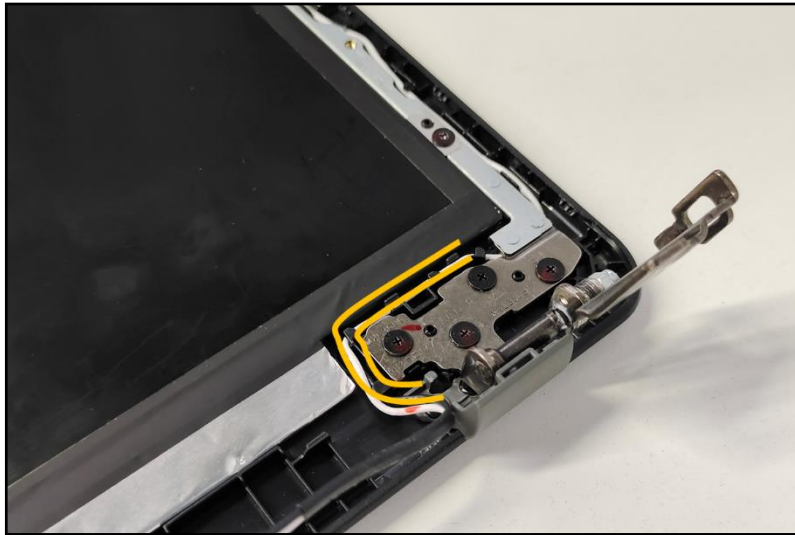


Figure 3-48. LCD Hinges Removal

2. Remove eight (8) screws securing the LCD hinges to the LCD cover (Figure 3-49).



Figure 3-49. LCD Hinges Removal

3. Remove six (6) screws securing the LCD hinge to the LCD panel ([Figure 3-50](#)).

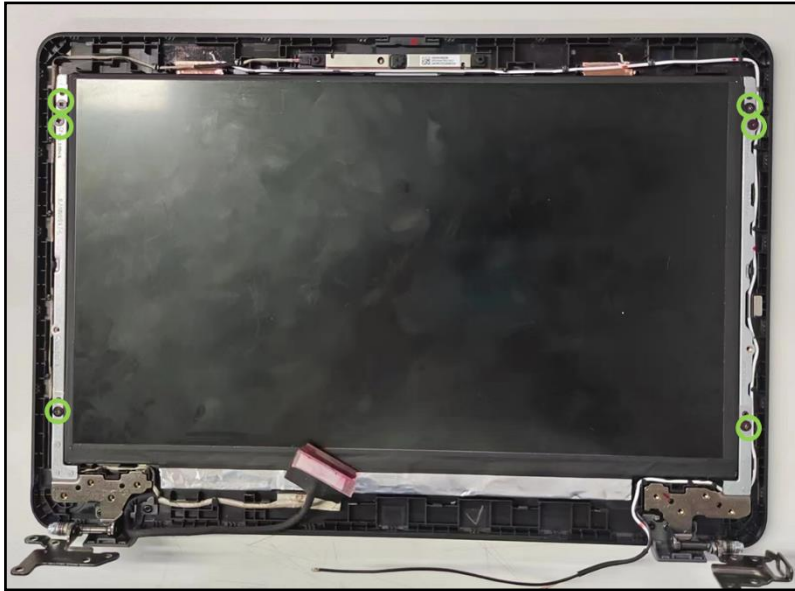


Figure 3-50. LCD Hinges Removal

4. Detach the mylar tape (F) securing the EDP cable to the LCD panel ([Figure 3-51](#)).



Figure 3-51. LCD Hinges Removal

5. Lift the latch (G) securing the EDP cable ([Figure 3-52](#)).



Figure 3-52. eDP Cable Removal

6. Disconnect the eDP cable from the LCD panel connector (H) (Figure 3-53). Then remove the LCD panel.

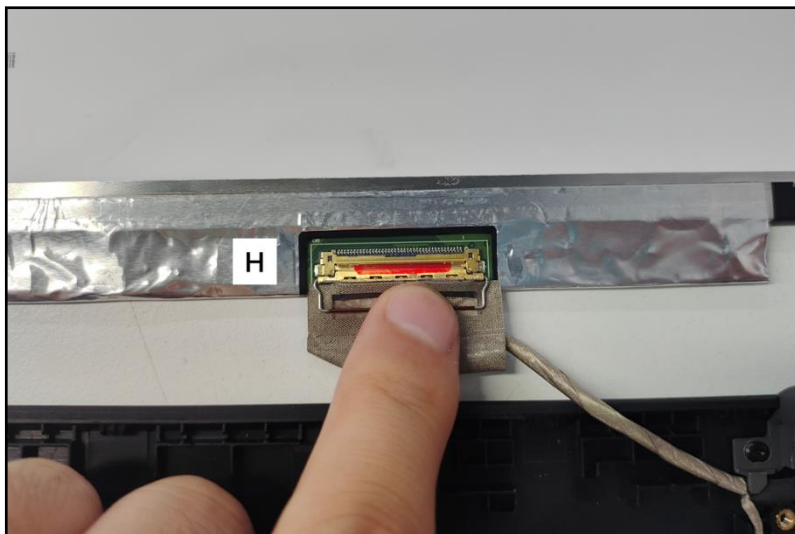


Figure 3-53. EDP Cable Removal

7. Release the LCD hinges (A) from the guide pins (B) on the LCD cover (Figure 3-54). Then remove the LCD hinges.

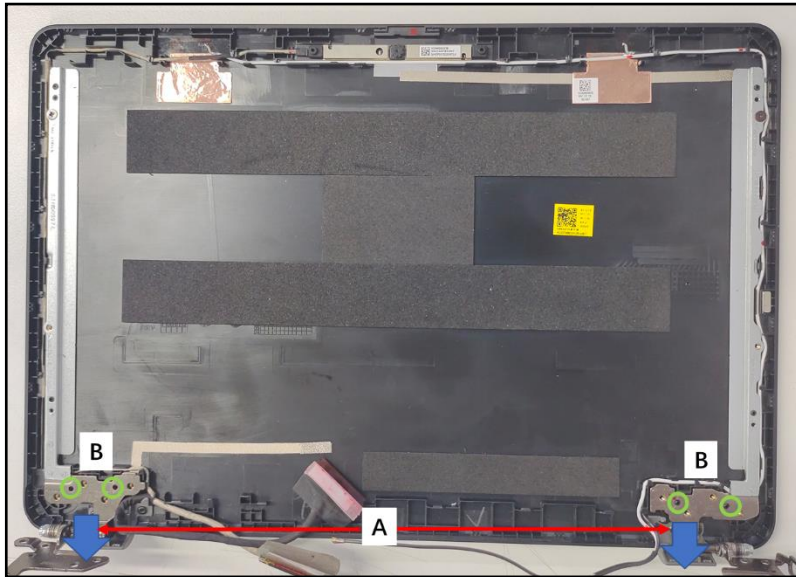




Figure 3-54. LCD Hinges Removal

ID	Size	Torque	Quantity	Screw Type
Red Call out	M2.5*L3.5	3.0±15%kgf-cm	8	
Green Call out	M2.0*L2.5	2.0±15%kgf-cm	6	

Camera Module Removal

Prerequisite:

LCD Panel Removal

⇒ NOTE:

Please take note that the EDP cable includes the LCD panel cable, camera cable, and G-sensor cable.

1. Find the camera module (A) on the LCD bezel (Figure 3-55).

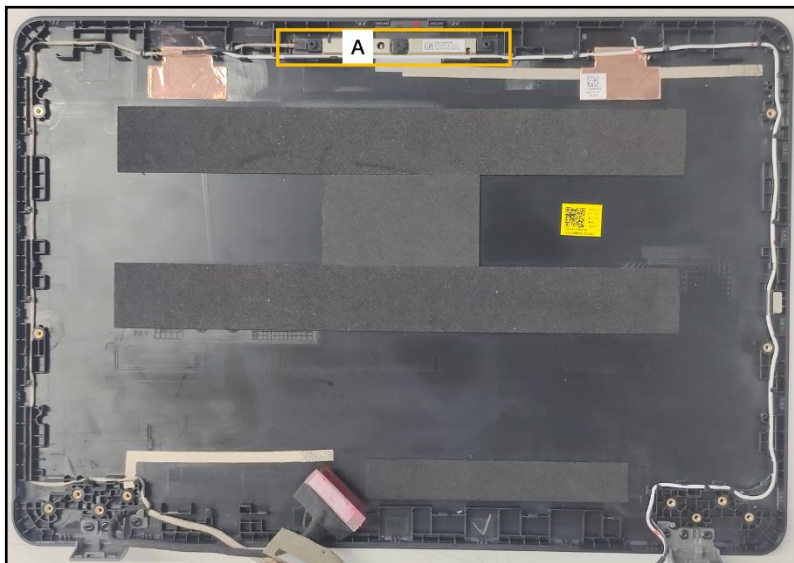


Figure 3-55. Camera Module Removal

2. Disconnect the eDP cable from the camera module connector (C) (Figure 3-56).

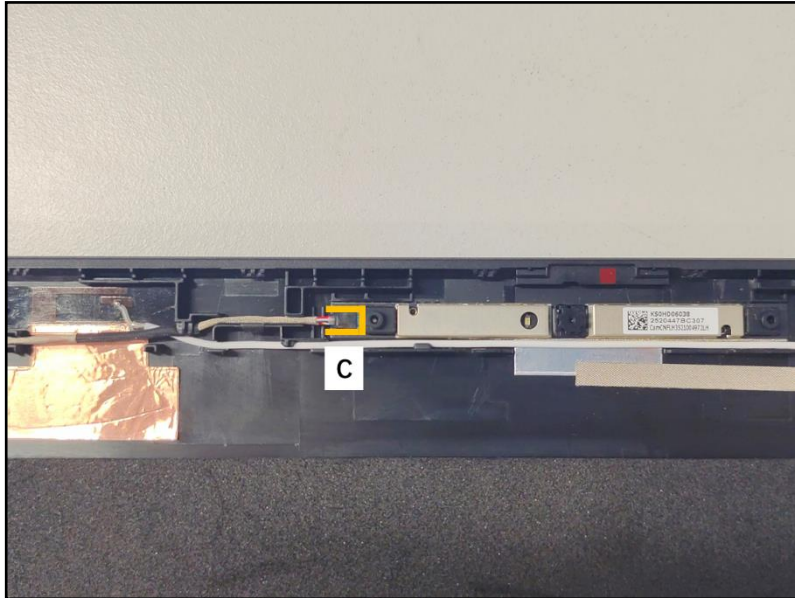


Figure 3-56. Camera Module Removal

3. Lift the camera module to release it from the guide pins (B) (Figure 3-57). Then remove the camera module from the LCD bezel.

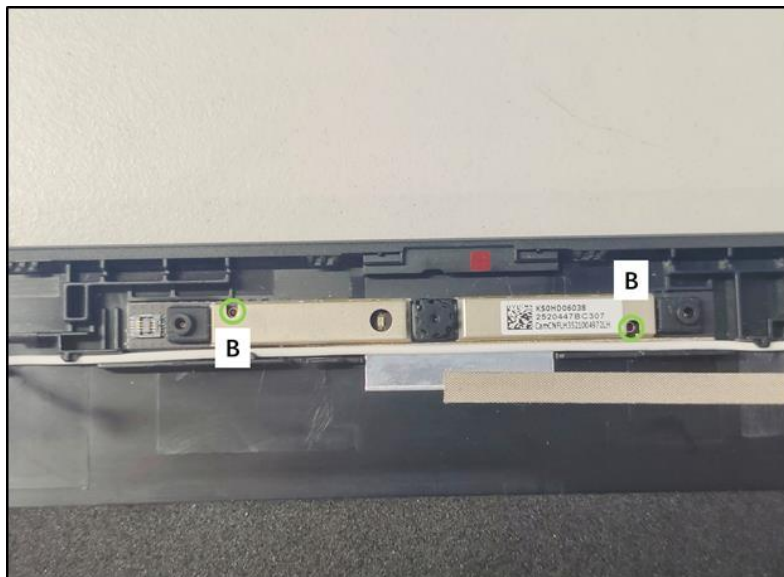


Figure 3-57. Camera Module Removal

- Carefully detach the microphone rubbers (D) from the camera module (Figure 3-58).



Figure 3-58. Camera Module Removal

EDP Cable Removal

Prerequisite:

LCD Panel Removal

⇒NOTE:

Please take note that the EDP cable includes the LCD panel cable, camera cable, and G-sensor cable

1. Lift the camera module (A) to release it from the guide pins (B) (Figure 3-59). Then remove the camera module from the LCD bezel.

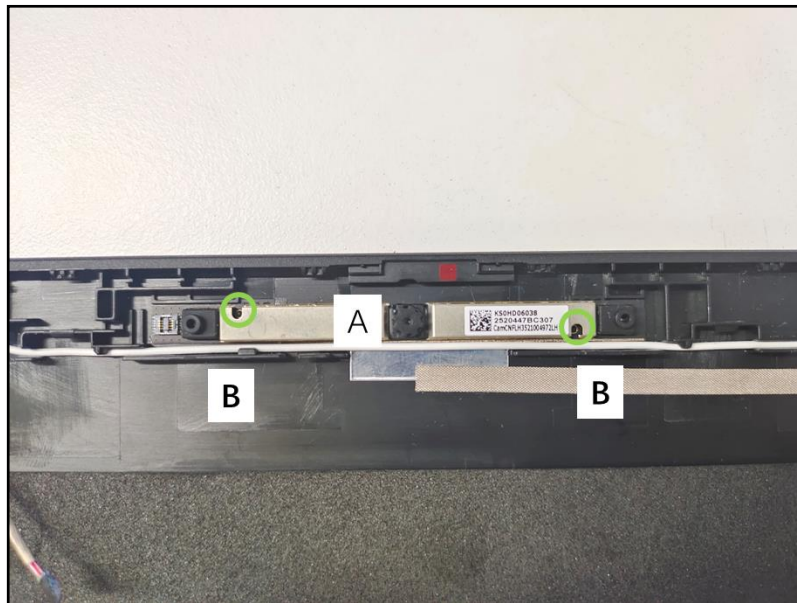


Figure 3-59. EDP Cable Removal

2. Disconnect the EDP cable from the camera module connector (C) (Figure 3-60).

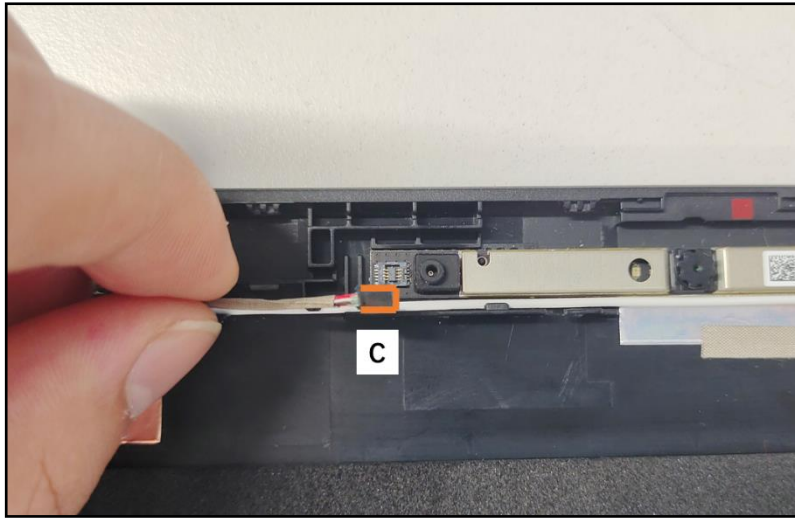


Figure 3-60. eDP Cable Removal

3. Lift the EDP cables from the cable guides on the LCD cover as shown in Figure 3-61.

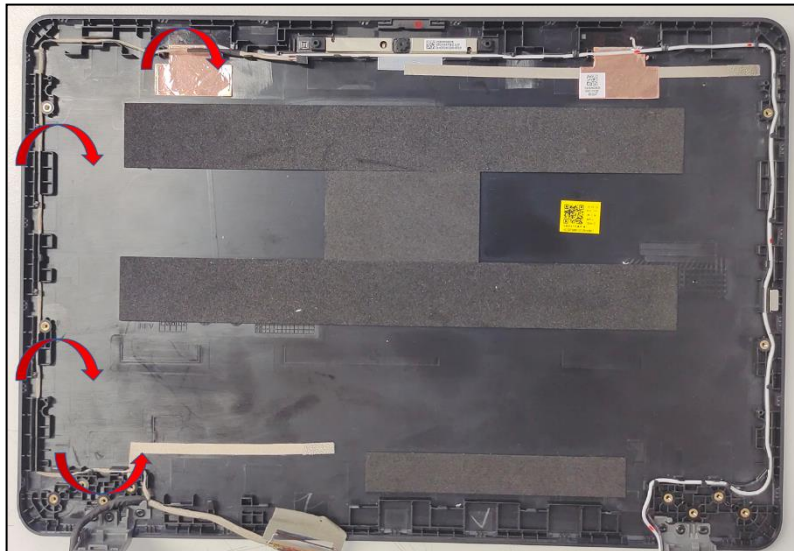


Figure 3-61. EDP Cable Remov

WLAN Antenna Removal

Prerequisite:

LCD Hinges Removal

1. Unroute the WLAN antennas cables from the cable guides on the LCD cover as shown in Figure 3-62.



Figure 3-62. WLAN Antenna Removal

2. Gently peel off the MAIN antenna and its grounding foil (Figure 3-63). Then remove the MAIN antenna from the LCD cover.

⚠ CAUTION:

Use care not to damage the antenna PCB circuit area when the grounding foil is removed.

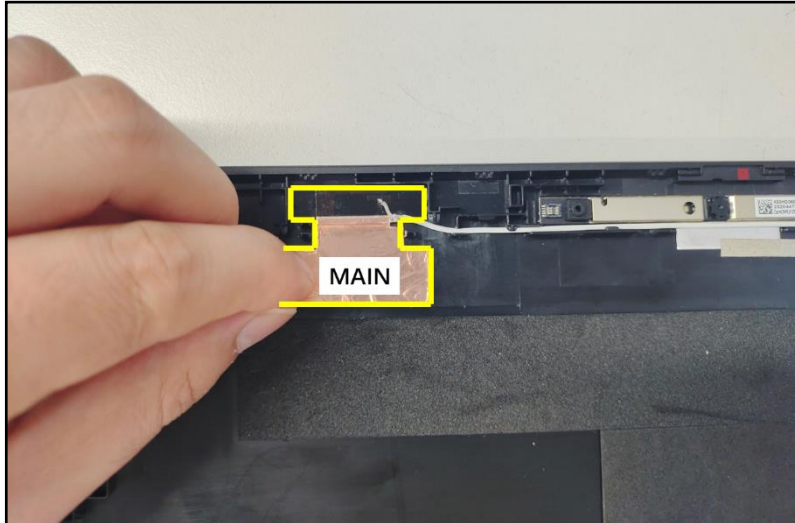


Figure 3-63. WLAN Antenna Removal

3. Gently peel off the AUX antenna and its grounding foil (Figure 3-64). Then remove the AUX antenna from the LCD cover.

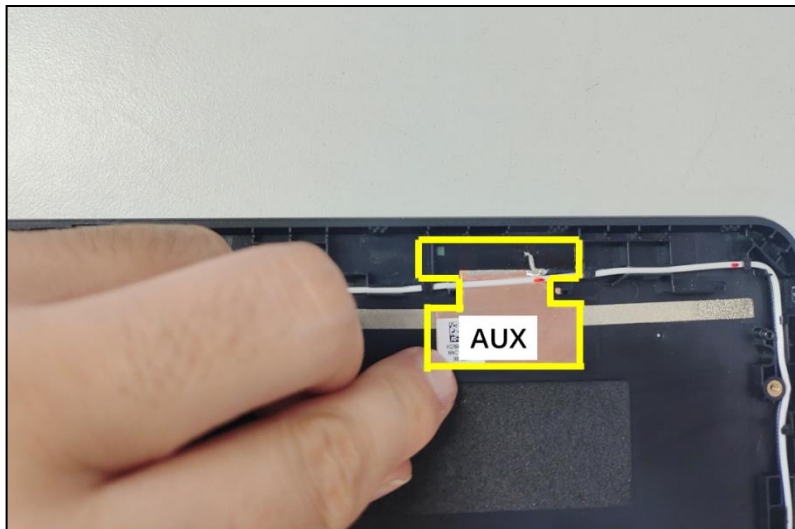


Figure 3-64. WLAN Antenna Removal

⚠ CAUTION:

Use care not to damage the antenna PCB circuit area when the grounding foil is removed.

LCD Module Reassembly Process

Replacing the WLAN Antenna

1. Place the AUX antenna to the left side of the LCD cover. Make sure the antenna PCB circuit area is properly seated and placed onto its compartment highlighted by a green rectangle as shown in Figure 3-65.
2. Adhere the grounding foil of the AUX antenna as marked in yellow (Figure 3-65).

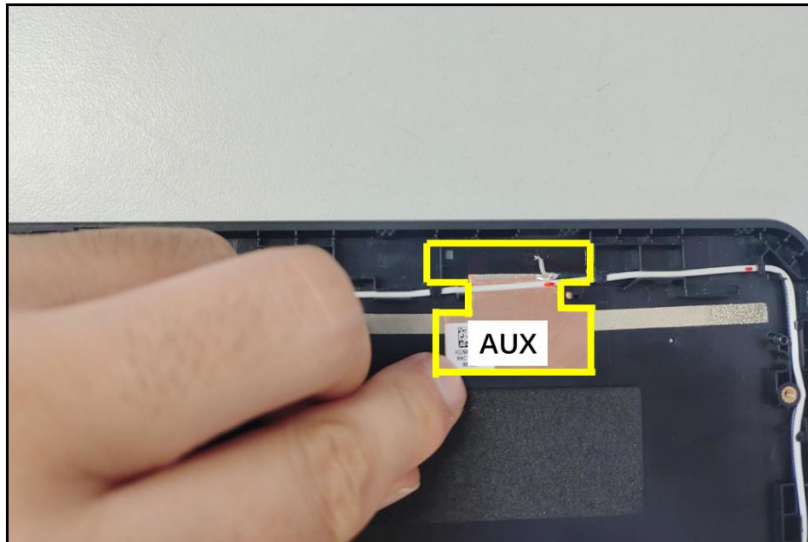


Figure 3-65. Replacing the AUX Antenna

3. Place the MAIN antenna to the right side of the LCD cover. Make sure the antenna PCB circuit area is properly seated and placed onto its compartment highlighted by a green rectangle as shown in Figure 3-66.
4. Adhere the grounding foil of the MAIN antenna as marked in yellow (Figure 3-66).

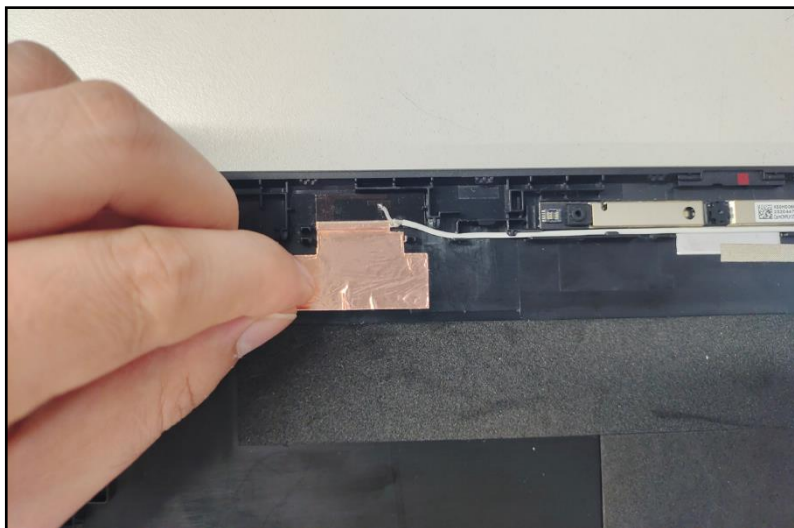


Figure 3-66. Replacing the MAIN Antenna

5. Route the WLAN antennas cables through the cable guides on the LCD cover as shown in Figure 3-67.

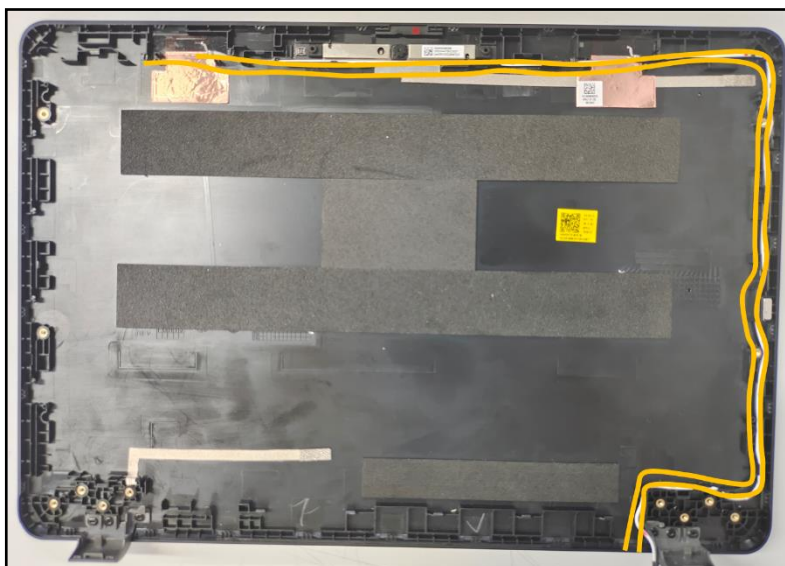


Figure 3-67. Replacing the WLAN Antenna

Replacing the Camera Module

⇒ **NOTE:**

The eDP cable includes the LCD panel cable, camera cable, and G-sensor cable.

1. Install the microphone rubbers (A) onto their respective slots on the camera module (Figure 3-68).

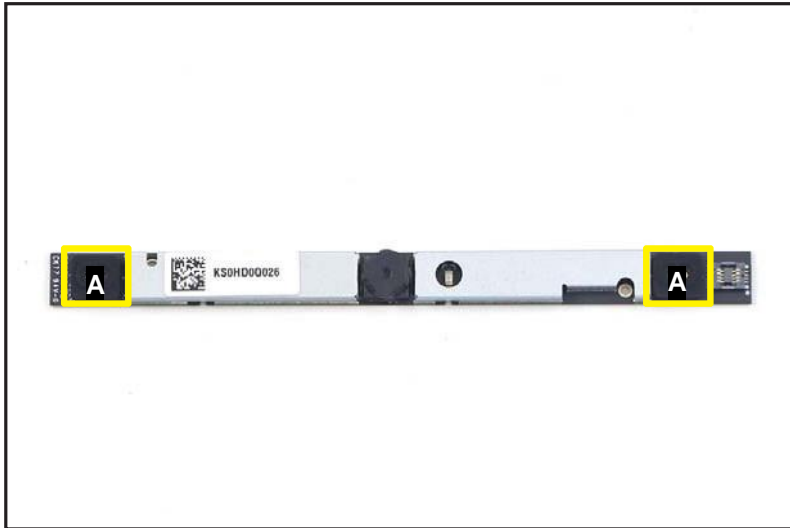


Figure 3-68. Replacing the Camera Module

2. By aligning with the guide pins (C), install the camera module (B) onto its compartment on the LCD bezel (Figure 3-69).

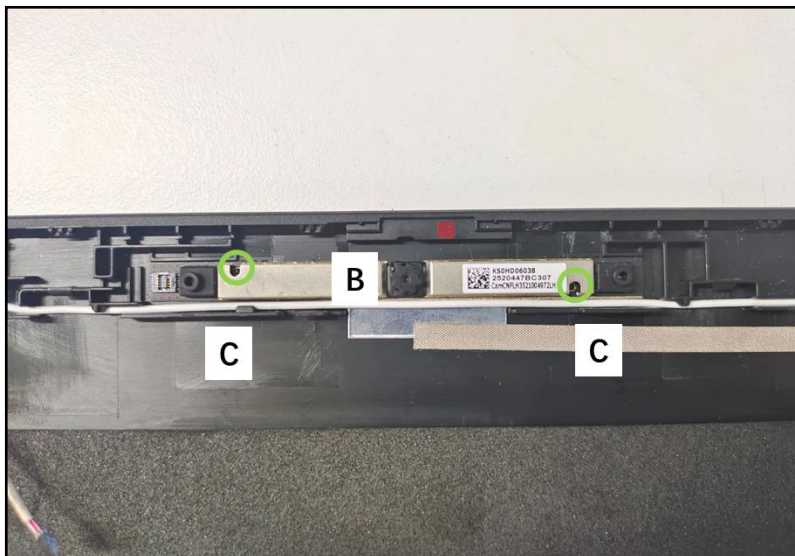


Figure 3-69. Replacing the Camera Module

3. Connect the eDP cable to the camera module connector (D) (Figure 3-70).

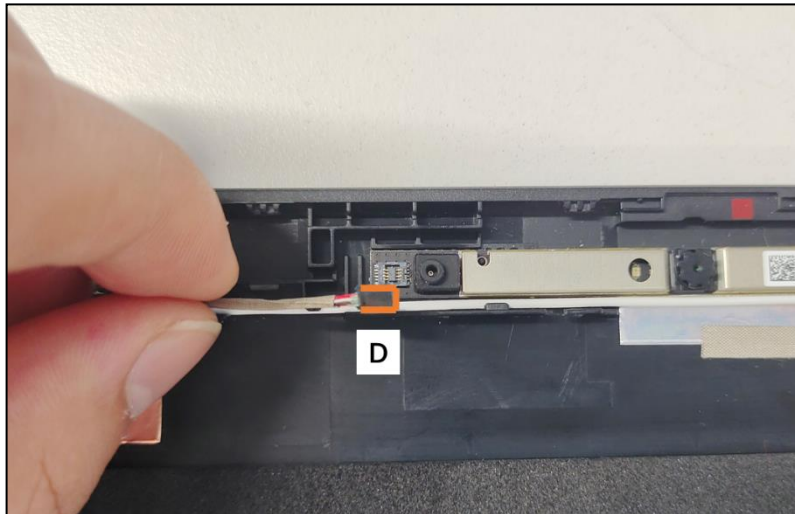


Figure 3-70. Replacing the Camera Module

Replacing the EDP Cable

⇒ **NOTE:**

The EDP cable includes the LCD panel cable, camera cable, and G-sensor cable.

1. Connect the EDP cable to the CAM Module connector (A) (Figure 3-71).

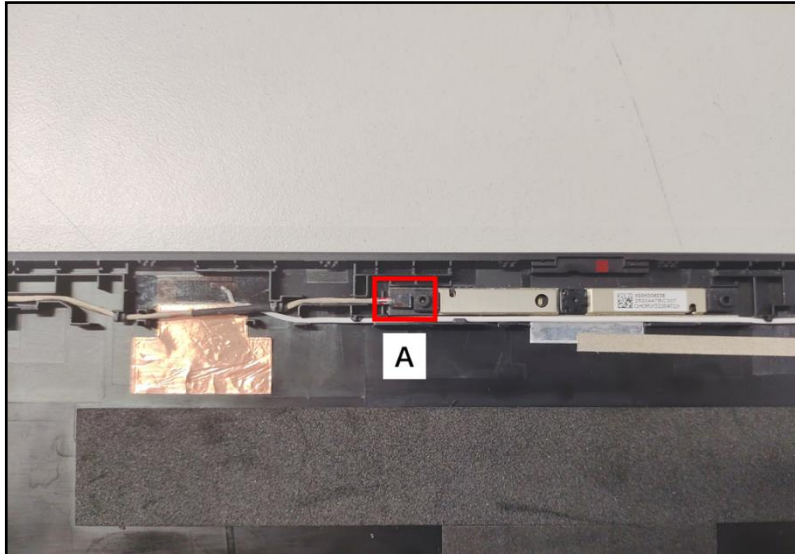


Figure 3-71. Replacing the eDP Cable

2. Continue to route another portion of the eDP cable through the cable guides as shown in Figure 3-72.

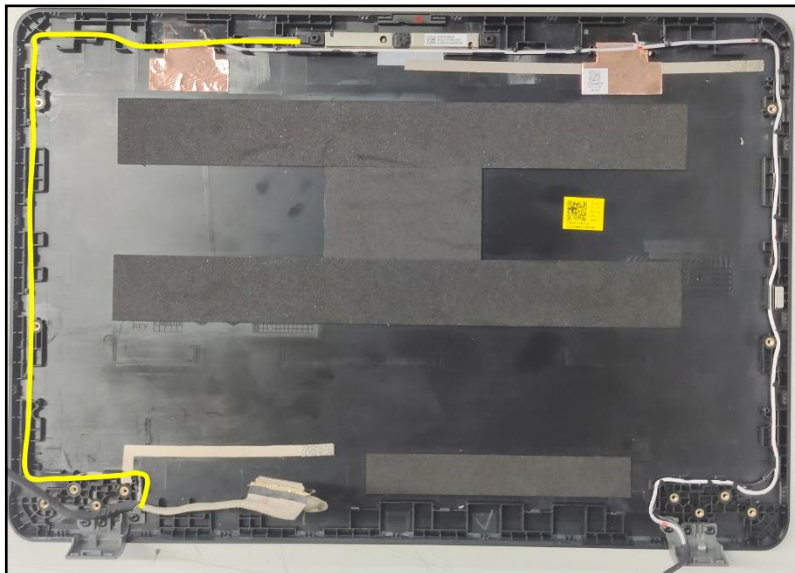


Figure 3-72. Replacing the EDP Cable

Replacing the LCD Hinges

1. Place the LCD hinges (A) on the LCD cover (Figure 3-73).

+ **IMPORTANT:**

When installing the LCD hinges, make sure they are properly aligned with the guide pins (B) and placed onto their designated locations as shown in Figure 3-73.

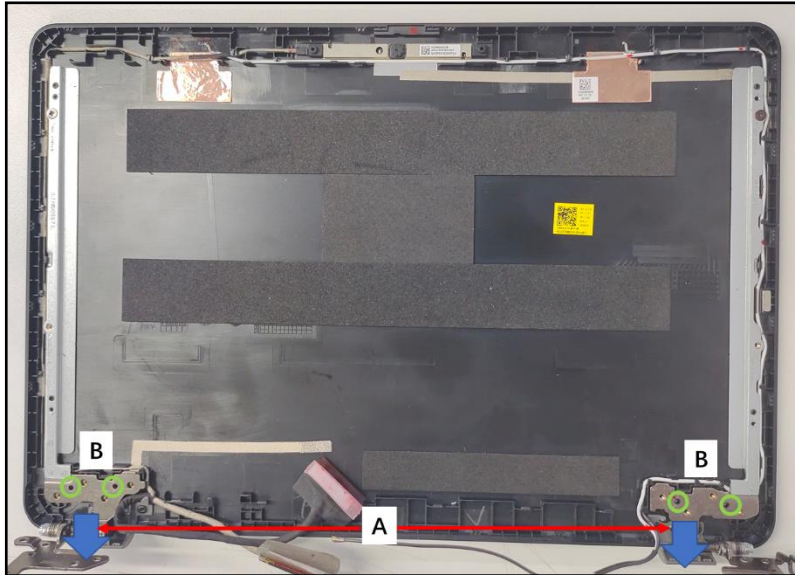


Figure 3-73. Replacing the LCD Hinges

2. Install eight (8) screws to secure the LCD hinges in place (Figure 3-74).

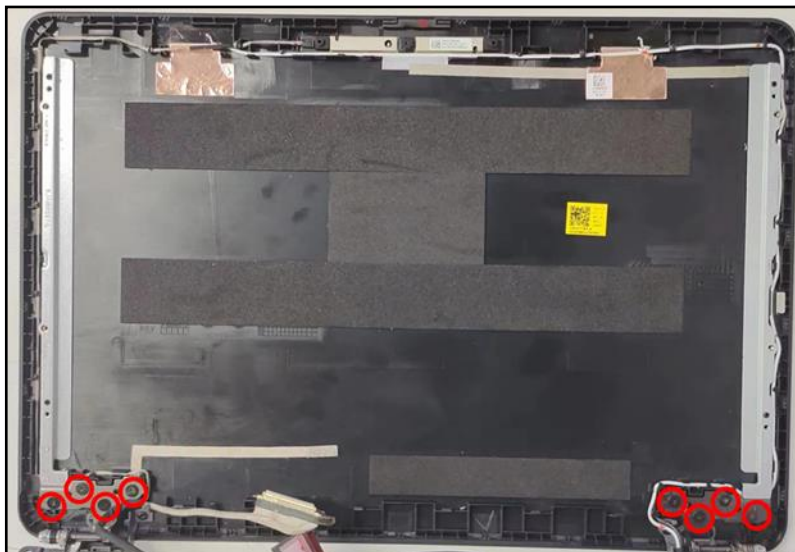


Figure 3-74. Replacing the LCD Hinges

3. Insert two(2) screws to secure the hinge BKT in place as shown in Figure 3-75.

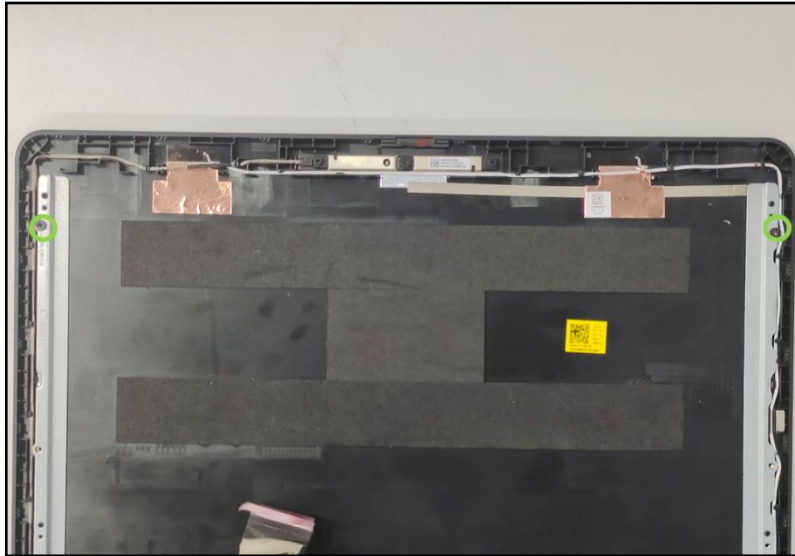




Figure 3-75. Replacing the LCD Hinges

ID	Size	Torque	Quantity	Screw Type
Red Call out	M2.5*L3.0	3.0±15%kgf-cm	8	
Green Call out	M2.5*L2.0	2.0±15%kgf-cm	6	

Replacing the LCD Panel

1. Connect the EDP cable to the LCD panel connector (A) (Figure 3-76).

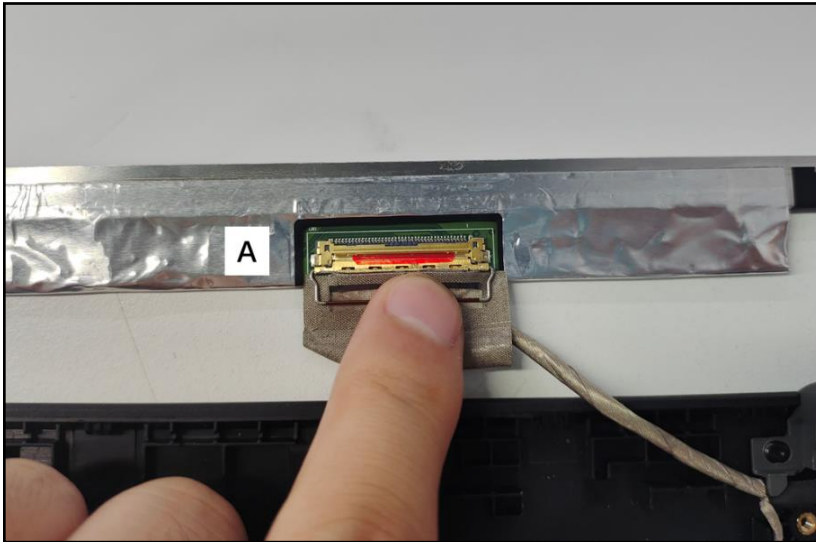


Figure 3-76. Replacing the LCD Panel

2. Push the latch (B) down to secure the EDP cable in place (Figure 3-77).



Figure 3-77. Replacing the LCD Panel

3. Adhere the mylar tape (C) to secure the eDP cable to the LCD panel (Figure 3-78).

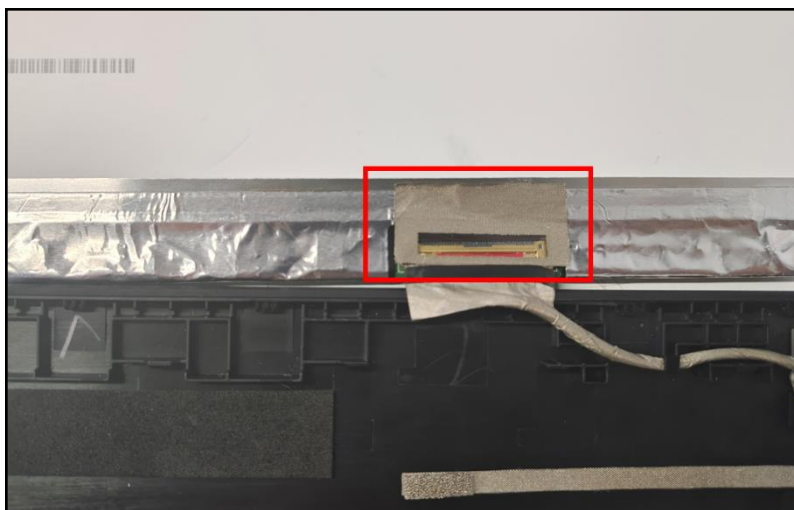


Figure 3-78. Replacing the LCD Panel

4. Insert the EDP cable (C) into the left hinge cap as shown in Figure 3-79. Then align and place the LCD panel (D) on the LCD cover.

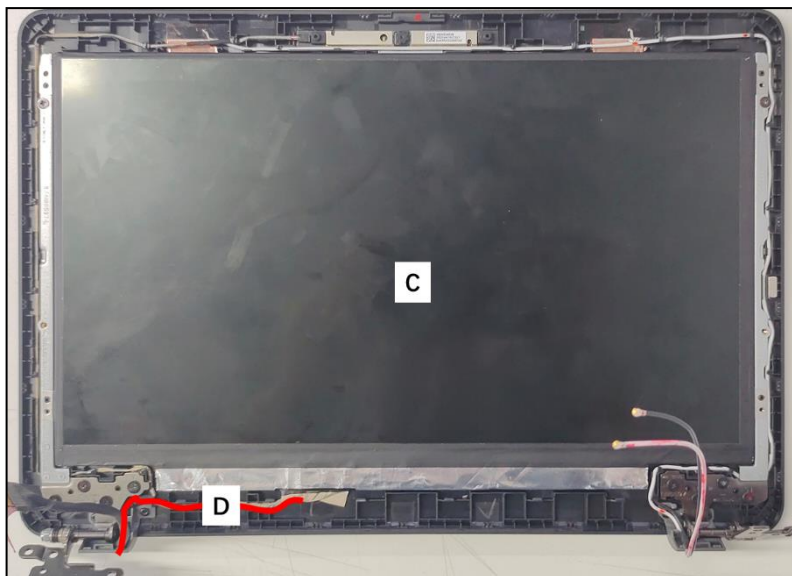


Figure 3-79. Replacing the LCD Panel

5. Install four (4) screws to secure the LCD hinges in place (Figure 3-80).



Figure 3-80. Replacing the LCD Panel

6. Start pressing along the bottom side (C) of the LCD panel to secure the latches to the LCD cover (Figure 3-81).
7. Continue pressing upward along the left and right sides (D) of the LCD panel to engage the latches (Figure 3-81).
8. Finally, press along the upper side (E) of the LCD panel to fully secure the panel to the LCD cover (Figure 3-81).

⇒ **NOTE:**

When pressing on the latches, make sure to follow the direction of the arrows (Figure 3-81).

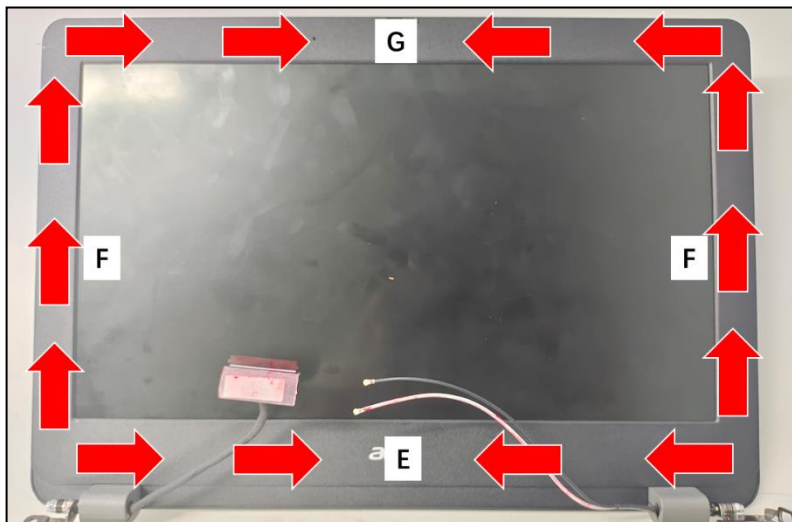


Figure 3-81. Replacing the LCD Panel

⚠ CAUTION:

Use care not to damage all cables during LCD panel installation.

Main Unit Reassembly Process

Replacing the Top Assembly

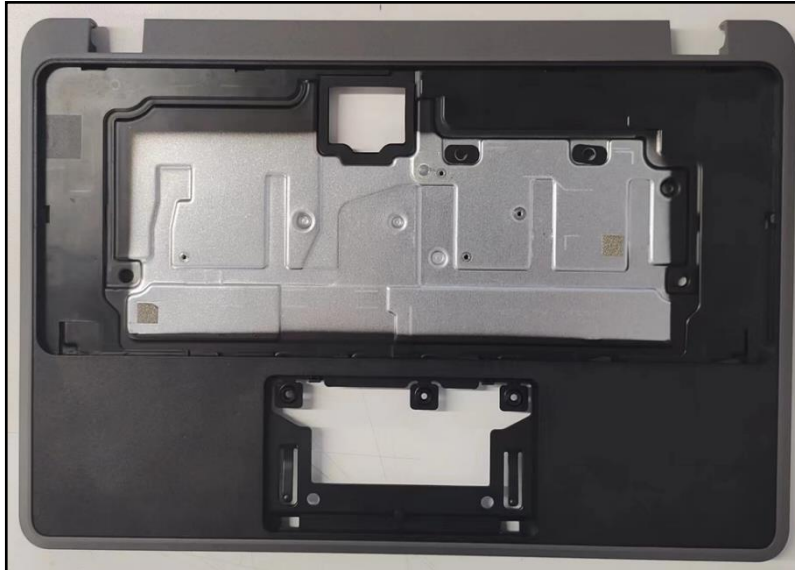


Figure 3-82. Top Assembly

Replacing the Main board

1. Attach the thermal pad (A) on the top assembly (Figure 3-83).

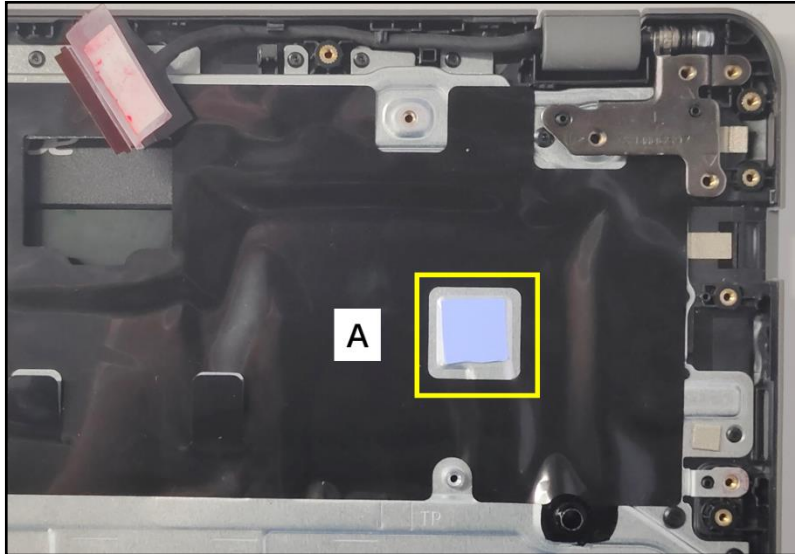


Figure 3-83. Replacing the Mainboard

2. Connect the USB board B FFC to the mainboard connector (C) (Figure 3-84).

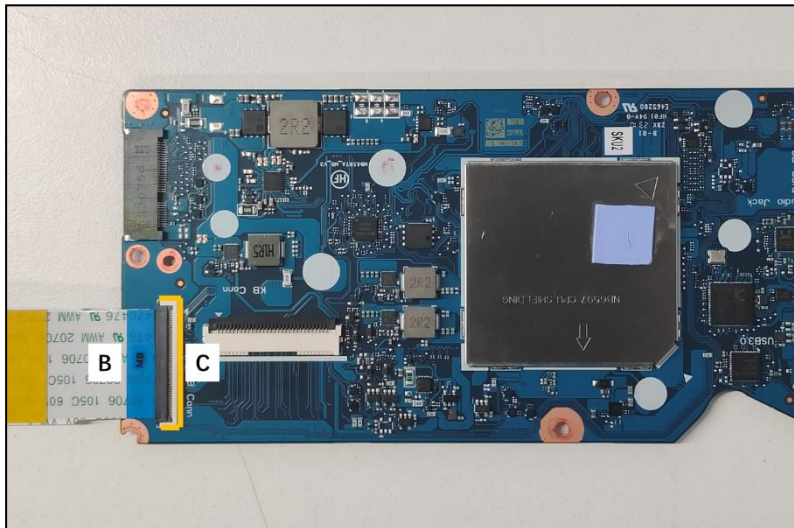


Figure 3-84. Replacing the Mainboard

3. Align and slide the I/O ports on the mainboard (D) into their slots on the top assembly (Figure 3-85).
4. Place the mainboard onto its compartment until it is fully seated and secured to the guide pins (E) (Figure 3-85).

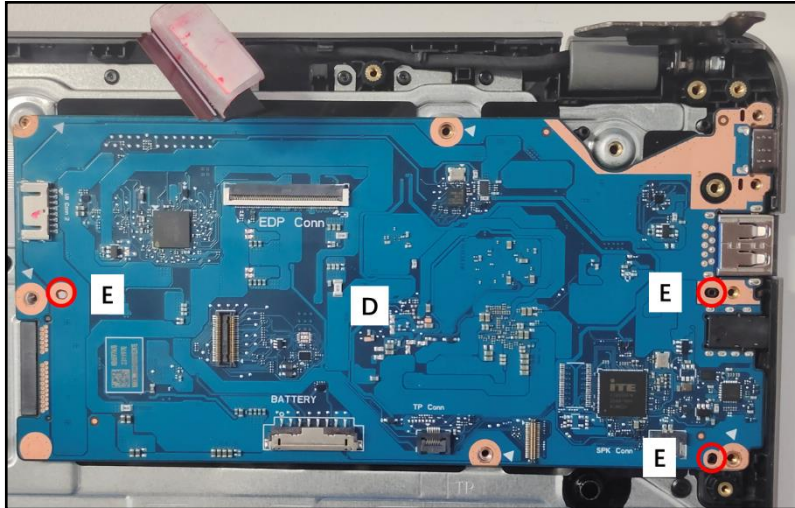


Figure 3-85. Replacing the Mainboard

⚠ CAUTION:

Make sure all cables, FFCs, and FPC are moved away from the mainboard during installation.

5. By aligning with the I/O port slot, slide and install the I/O bracket (F) onto the mainboard. Ensure that the bracket is fully seated and secured to the guide pins (G) (Figure 3-86).

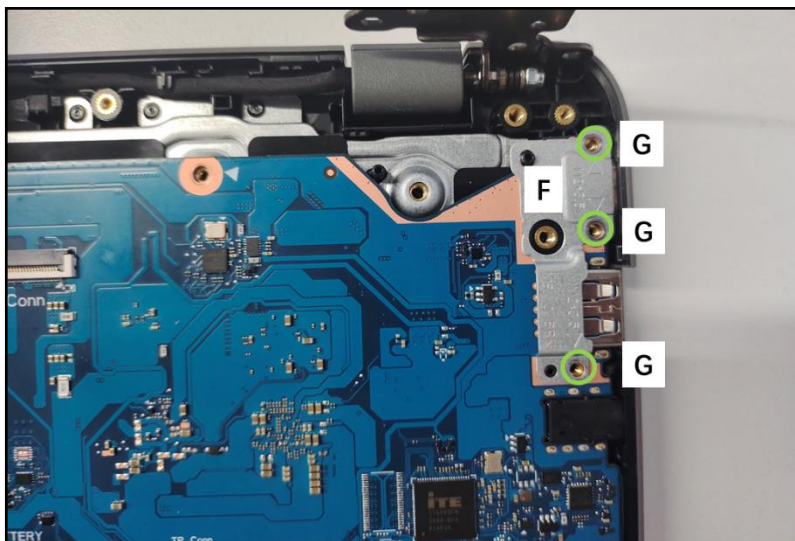


Figure 3-86. Replacing the Mainboard

6. Install seven (5) screws (H) and three (3) screws (I) a to secure the mainboard and I/O bracket in place (Figure 3-87).
7. Install ONE (1) screws (J) to secure the mainboard and WLAN module in place (Figure 3-87).

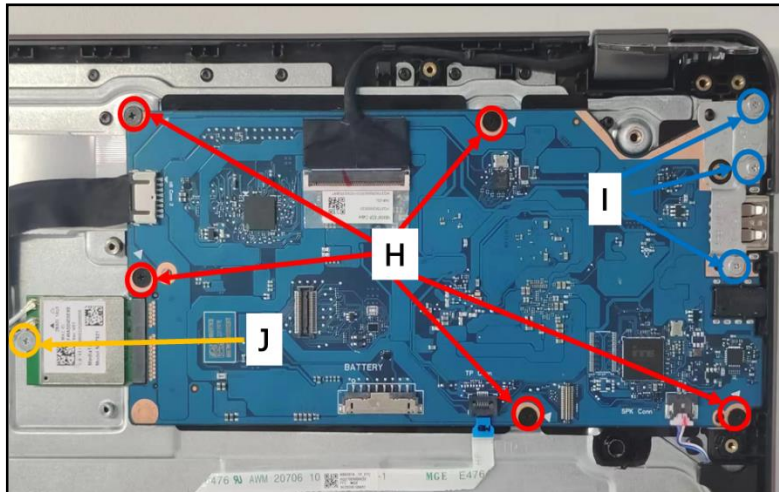


Figure 3-87. Replacing the Mainboard

⇒ **NOTE:**

Make sure that the USB board H FFC is firmly secured to the mainboard connector.

8. Connect the UB cable to the mainboard connector (K) (Figure 3-88).
9. Connect the EDP cable to the mainboard connector (L) (Figure 3-88).
10. Connect the WLAN antenna cables to the WLAN module connectors (M) (Figure 3-88).
11. Connect the touchpad FFC to the mainboard connector (N) (Figure 3-88).
12. Connect the speaker cable to the mainboard connector (O) (Figure 3-88).

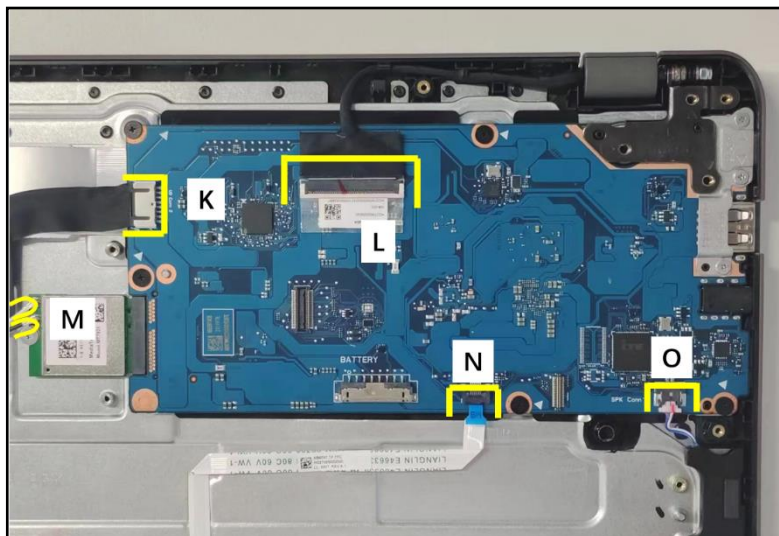


Figure 3-88. Replacing the Mainboard

⇒ **NOTE:**

Make sure that the touchpad FFC and USB board L FFC are firmly secured to the mainboard connectors.

13. Close the left LCD hinge until it is fully seated in place (Figure 3-89).

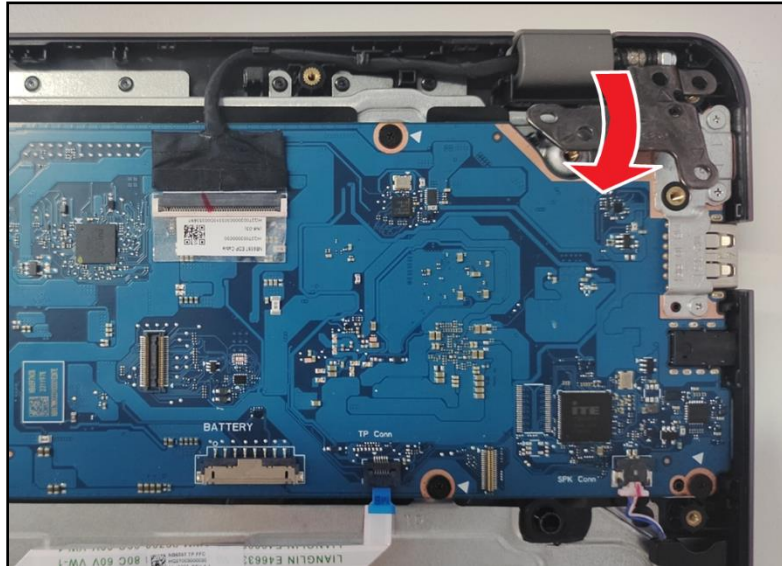


Figure 3-89. Replacing the Mainboard

18. Install three (3) screws (O) to secure the left LCD hinge in place (Figure 3-90).

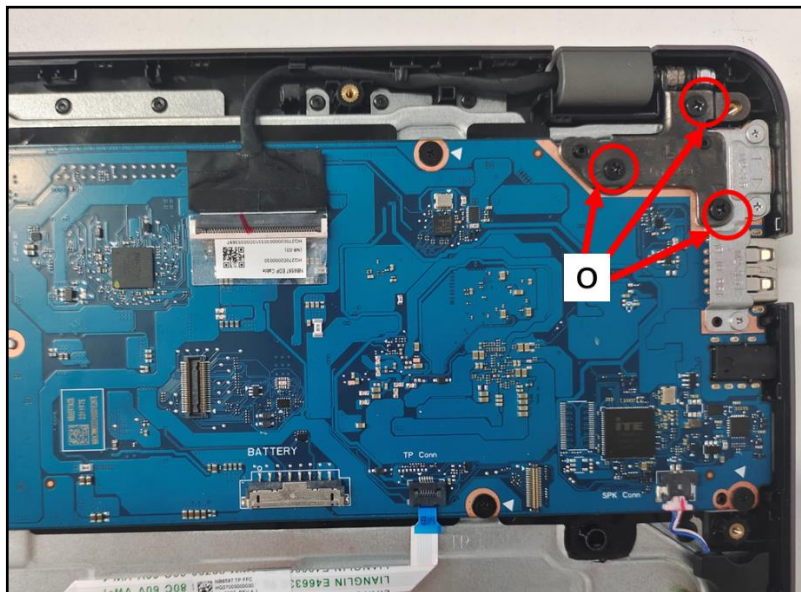





Figure 3-90. Replacing the Mainboard

ID	Size	Torque	Quantity	Screw Type
H	M2.0*L3.5	2.0+20%kgf-cm	7	
I	M2.0*L4.0	2.0+20%kgf-cm	1	
O	M2.5*L5.0	3.0±15%kgf-cm	3	

Replacing the LCD Module

1. By holding the top assembly upright and the keyboard is facing you, align the top assembly with the LCD hinges slots on the LCD module (A) as shown in Figure 3-91.

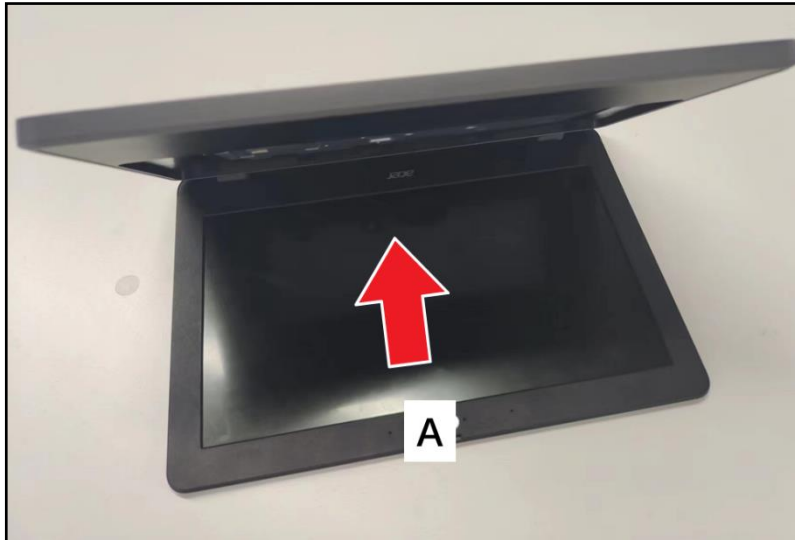


Figure 3-91. Replacing the LCD Module

2. By holding the I/O brackets, close the top assembly (Figure 3-92).

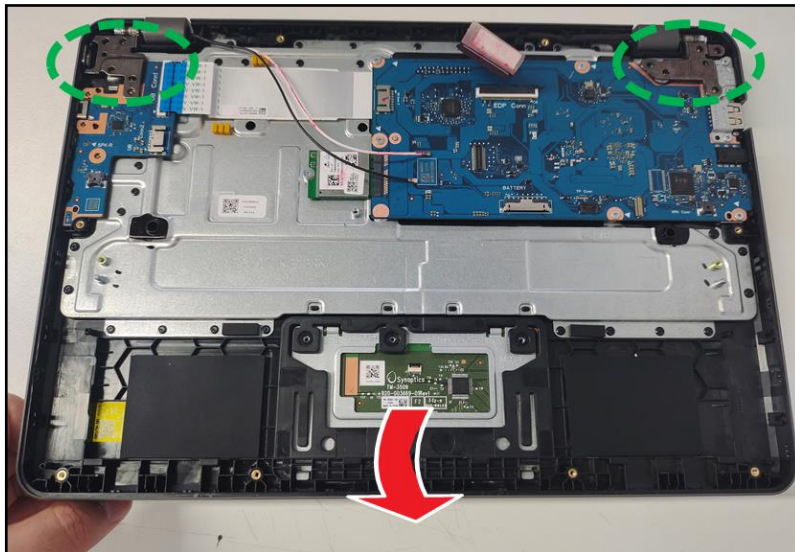


Figure 3-92. Replacing the LCD Module

3. Install six (6) screws to secure the LCD hinges in place (Figure 3-93).

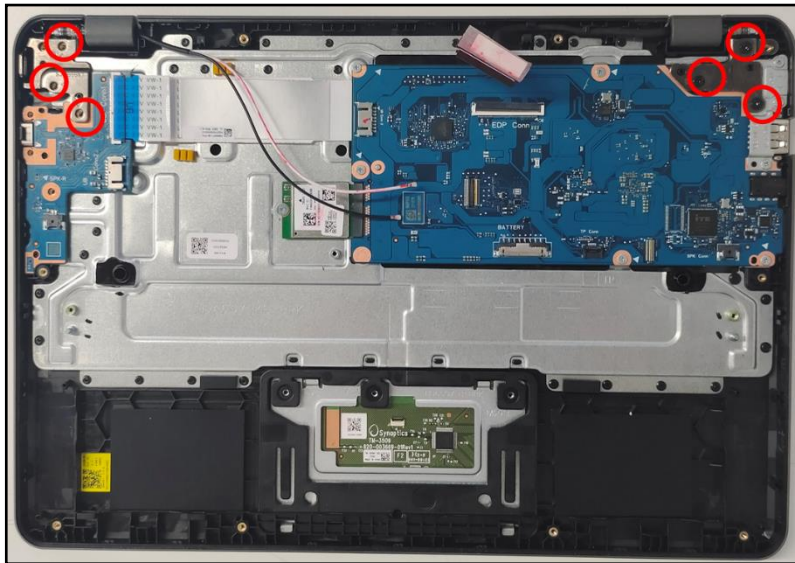


Figure 3-93. Replacing the LCD Module

4. Route and secure the eDP cable along the cable guides on the top assembly. Then connect the eDP cable to the mainboard connector (B) (Figure 3-94).

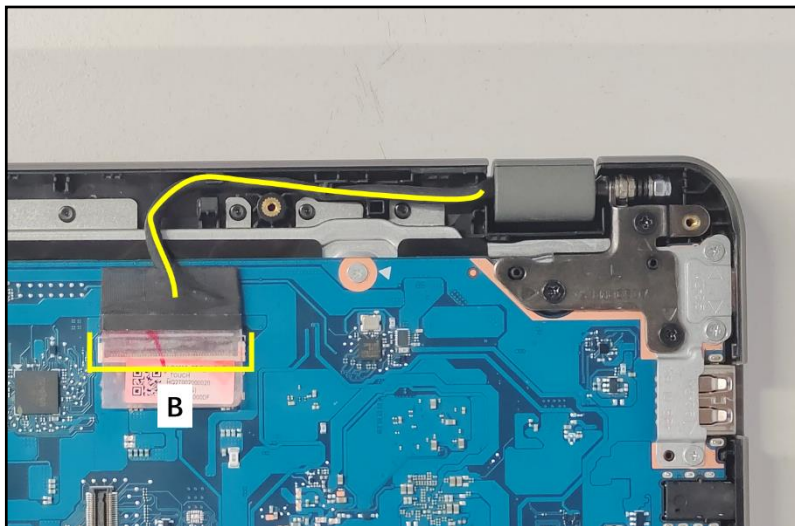


Figure 3-94. Replacing the LCD Module

5. Route and secure the WLAN antenna cables along the cable guides on the top assembly (Figure 3-95).
6. Connect the WLAN antennas cables to the WLAN module connectors (E) (Figure 3-95).

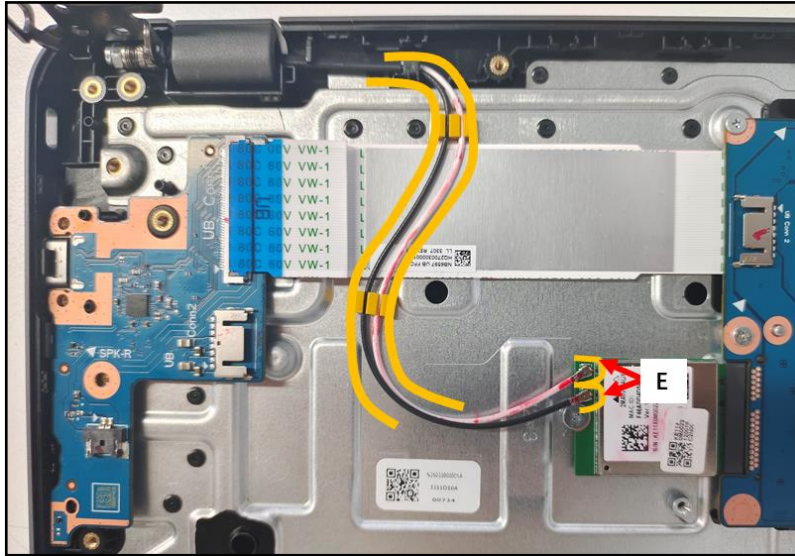



Figure 3-95. Replacing the LCD Module

ID	Size	Torque	Quantity	Screw Type
Red Call out	M2.5*L4.0	3.0±15%kgf-cm	6	

Replacing the USB Board

1. Align and slide the I/O ports on the USB board (A) into their slots on the top assembly (Figure 3-96).
2. Place the USB board onto its compartment until it is fully seated and secured to the guide pins (B) (Figure 3-96).

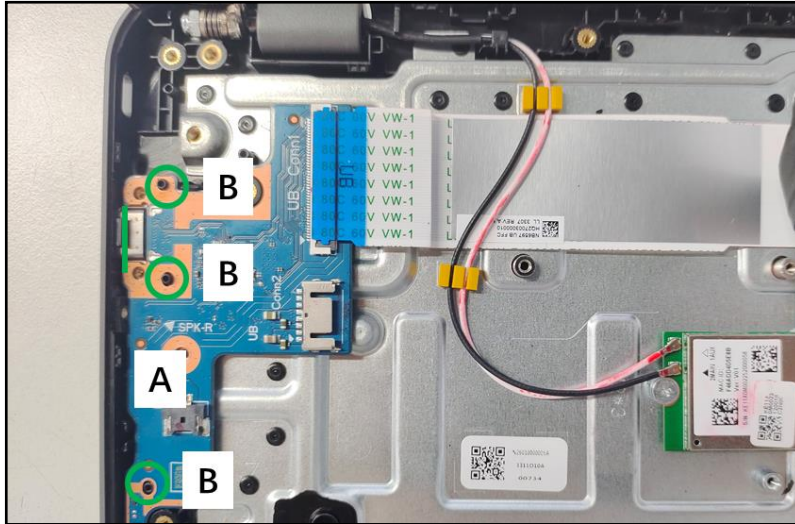


Figure 3-96. Replacing the USB Board

3. By aligning with the I/O port slot, slide and install the I/O bracket (C) onto the USB board. Ensure that the bracket is fully seated and secured to the guide pins (D) (Figure 3-97).

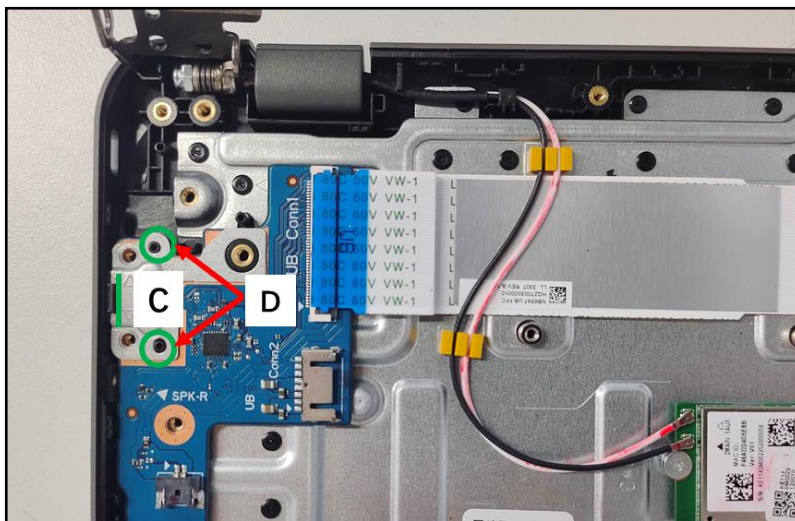


Figure 3-97. Replacing the USB Board

4. Install two (2) screws (E) and one screw (G) to secure the USB board and I/O bracket in place (Figure 3-98).
5. Connect the USB board H FFC (F) to the mainboard and USB board connectors (Figure 3-98).

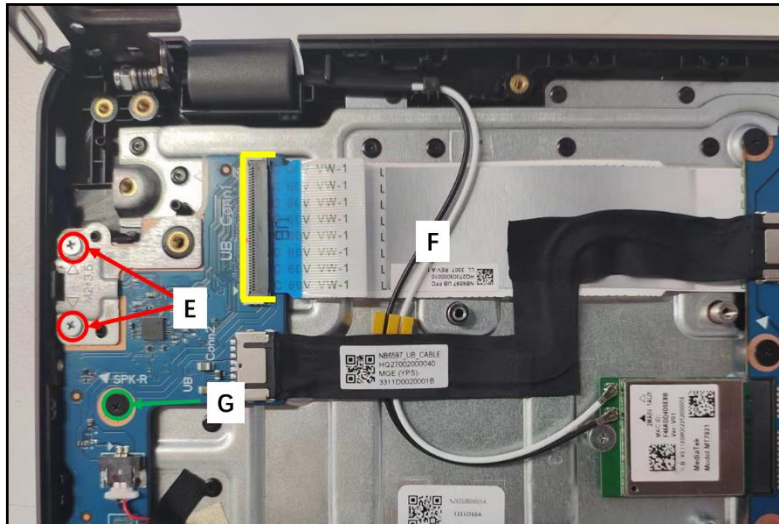


Figure 3-98. Replacing the USB Board

⇒ NOTE:

Make sure that the USB board H FFC is firmly secured to the mainboard and USB board connectors.

6. Connect the USB board UB CABLE (H) to the mainboard and USB board connectors (Figure 3-99).

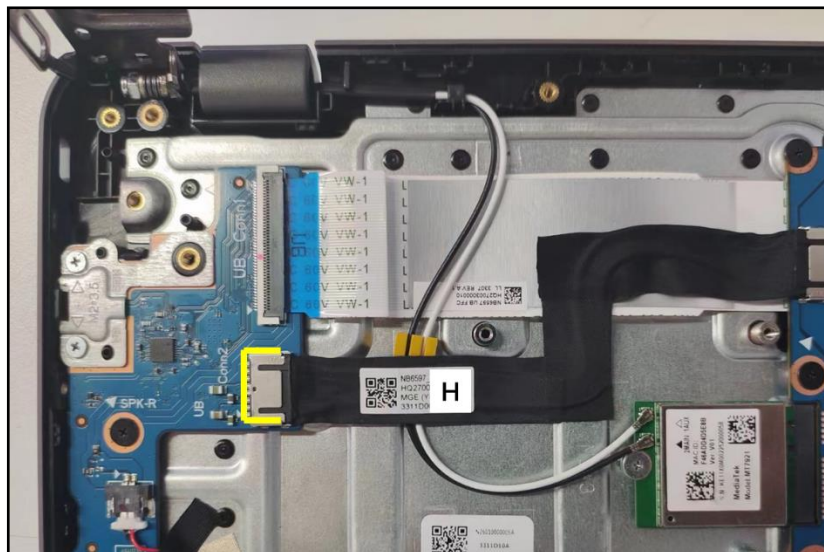


Figure 3-99. Replacing the USB Board

⇒ **NOTE:**

Make sure that the USB board L FFC is firmly secured to the mainboard and USB board connectors.

7. Close the right LCD hinge until it is fully seated in place (Figure 3-100).

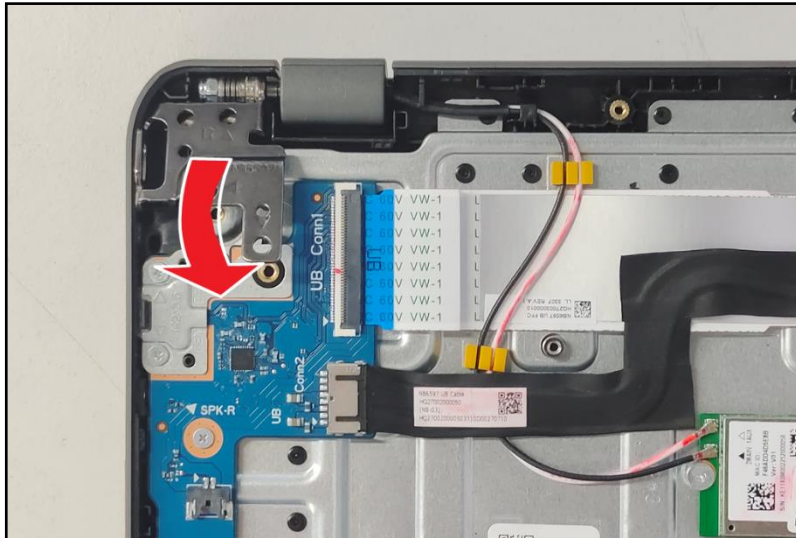


Figure 3-100. Replacing the USB Board

8. Install three (3) screws (H) to secure the right LCD hinge in place (Figure 3-101).

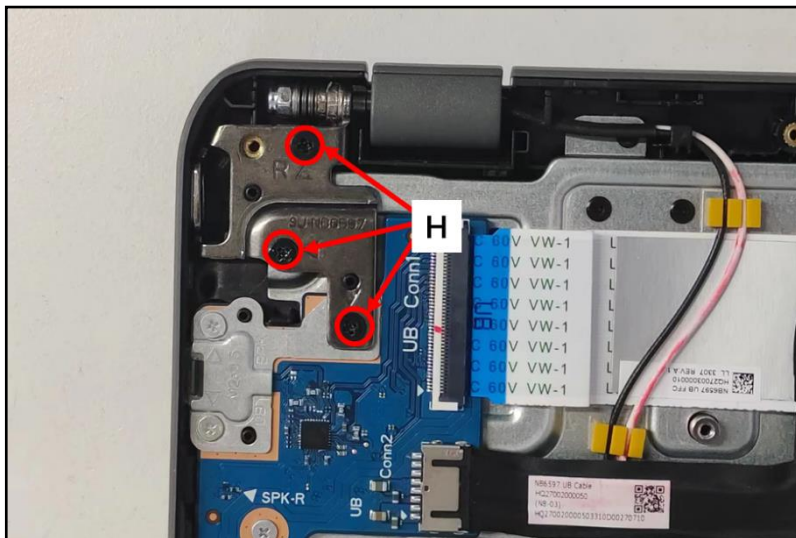




Figure 3-101. Replacing the USB Board

ID	Size	Torque	Quantity	Screw Type
E	M2.0*L3.5	2.0+20%kgf-cm	3	
H	M2.5*L4.0	3.0±15%kgf-cm	3	

Replacing the Speaker Module

1. Place the speakers (A) to their respective compartments on the top assembly (Figure 3-102).

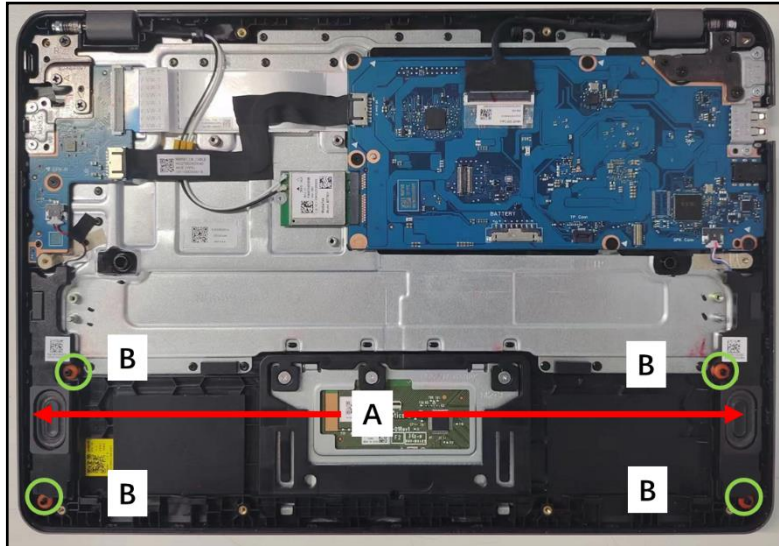


Figure 3-101. Replacing the Speaker Module

+ IMPORTANT:

When installing the speakers, make sure they are properly aligned with the guide pins (B) and placed onto their designated locations as shown in Figure 3-102.

2. Connect the speaker R cable to the USB board connector (C) (Figure 3-103).
3. Connect the speaker L cable to the mainboard connector (D) (Figure 3-103).

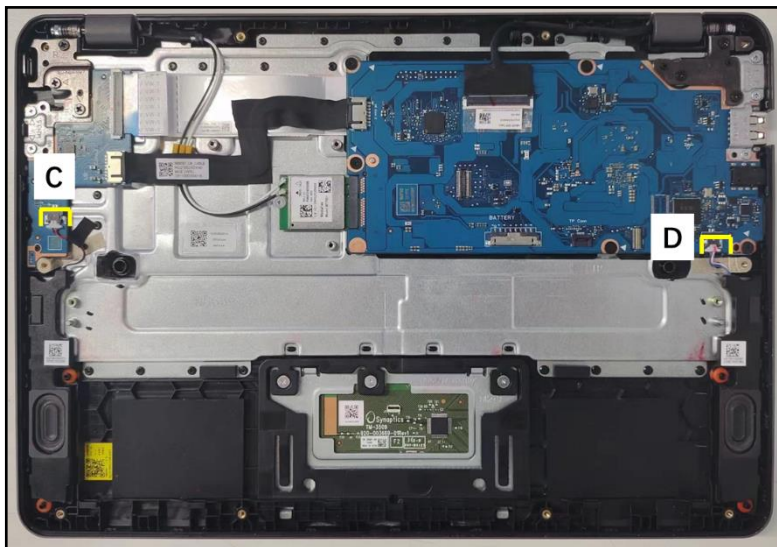


Figure 3-103. Replacing the Speaker Module

Replacing the Keyboard

1. Connect the keyboard FPC to the mainboard connector (A) (Figure 3-104).

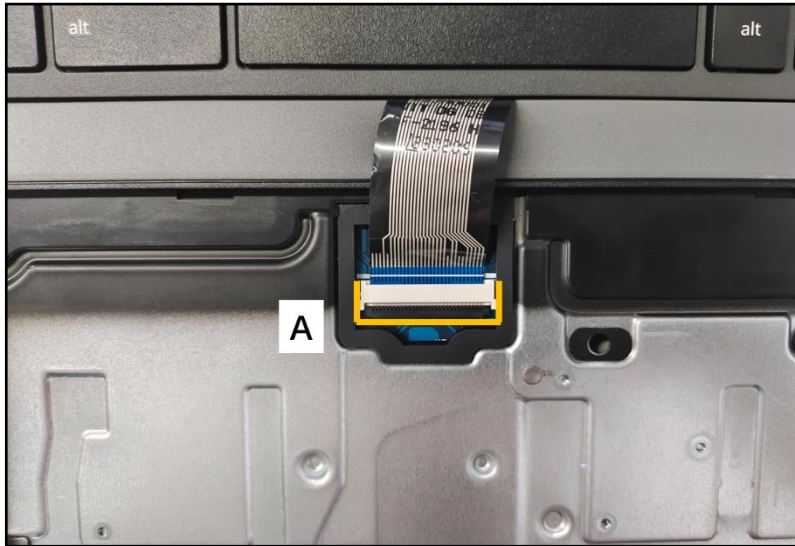


Figure 3-104. Replacing the Keyboard

⇒ NOTE:

Make sure that the keyboard FPC is firmly secured to the mainboard connector.

2. Detach the tape (B) to secure the keyboard FPC connection (Figure 3-105).

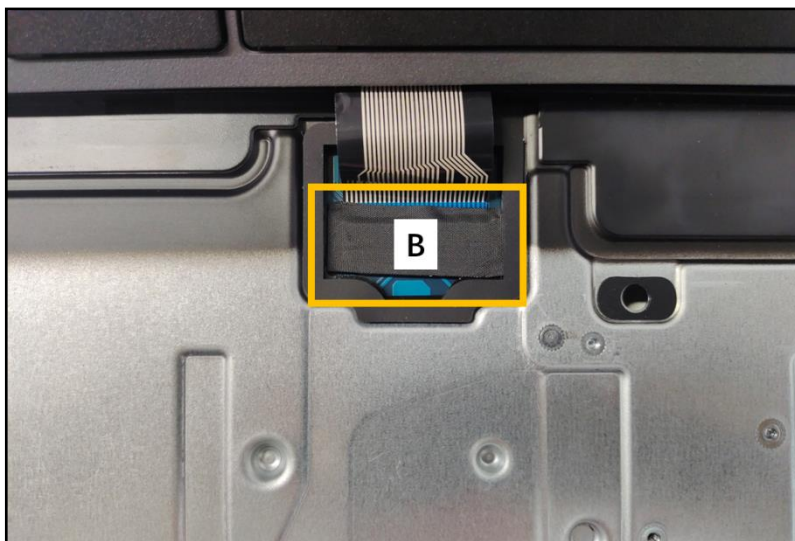


Figure 3-105. Replacing the Keyboard

3. Insert the bottom side latches of the keyboard (C) into the slots on the top assembly (Figure 3-106).

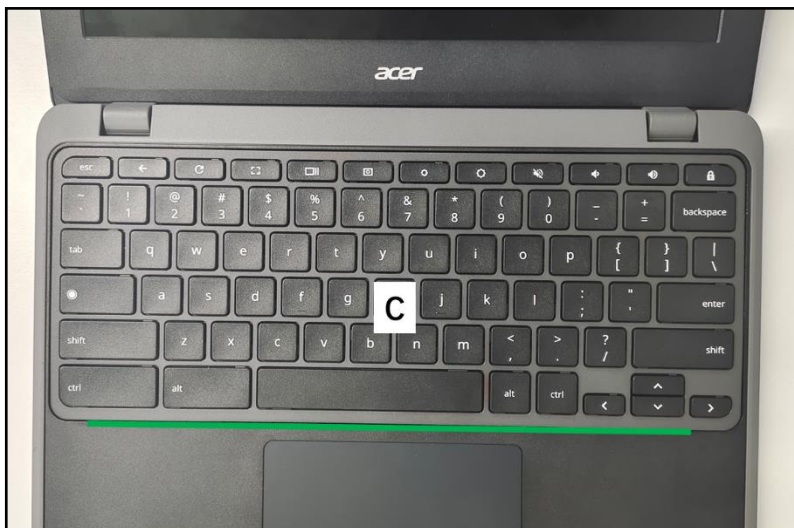


Figure 3-106. Replacing the Keyboard

4. Press all edges of the keyboard firmly to secure the latches. Make sure they are fully engaged (Figure 3-107).

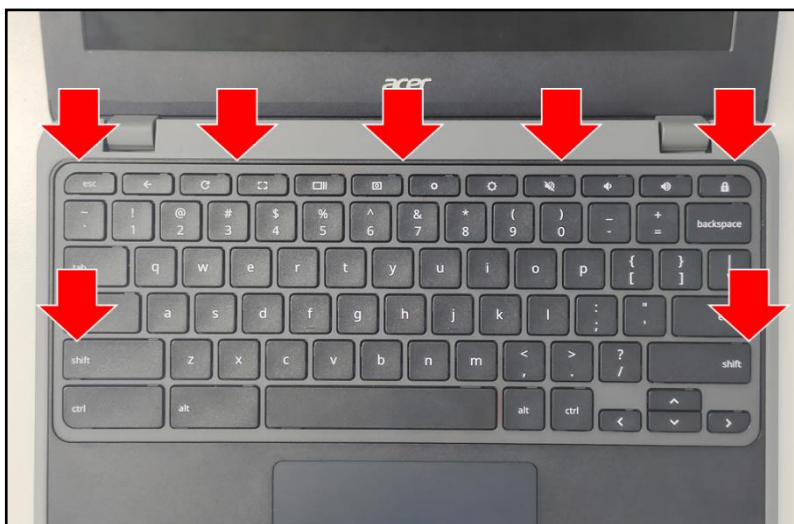


Figure 3-107. Replacing the Keyboard

Replacing the Touchpad Module

1. Slide the touchpad module (A) into the bottom latches (B) until those are fully engaged (Figure 3-108).
2. Ensure that the touchpad module is properly aligned with the guide pins (C), push the touchpad module firmly onto its slot until it is fully seated in place (Figure 3-108).

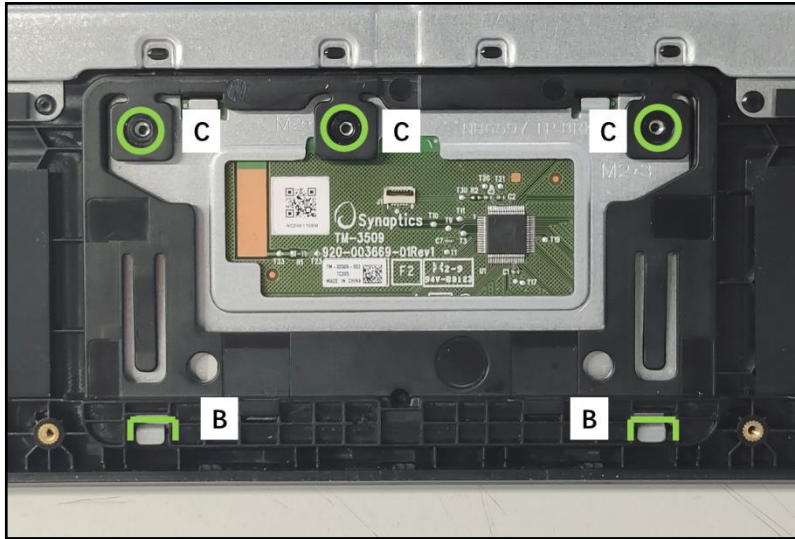


Figure 3-108. Replacing the Touchpad Module

3. Install three (3) screws to secure the touchpad module in place (Figure 3-109).

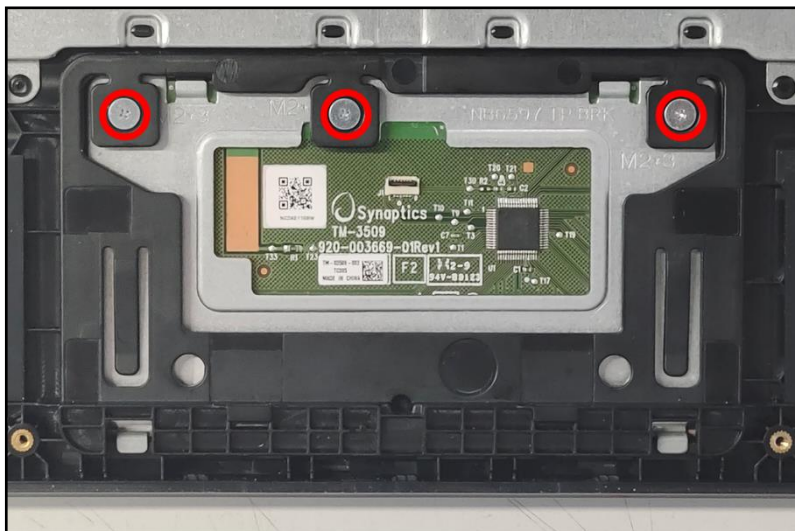


Figure 3-109. Replacing the Touchpad Module

4. Attach the conductive tape (D) onto the touchpad module. Make sure the conductive tape is properly aligned and placed onto its slot highlighted by the yellow and green lines as shown in Figure 3-110.

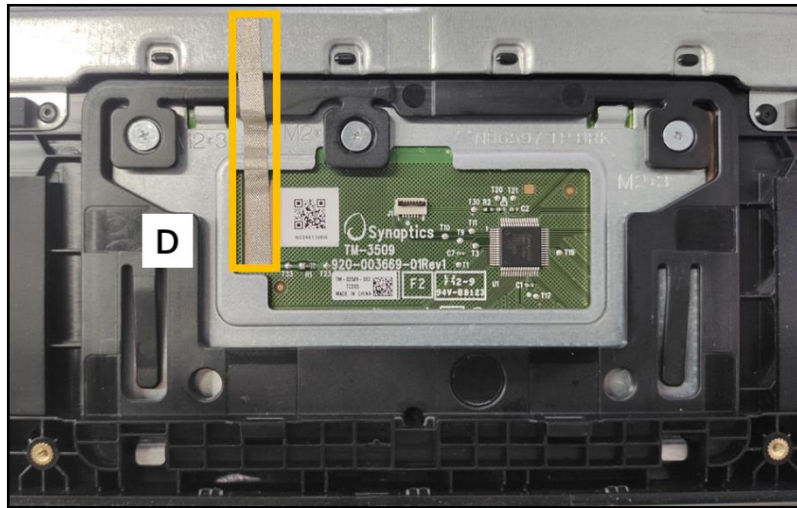


Figure 3-110. Replacing the Touchpad Module

5. Connect the touchpad FFC (E) to the touchpad module and mainboard connectors. Then press the middle portion of the FFC to ensure its underneath adhesive is properly attached to the top assembly (Figure 3-111).

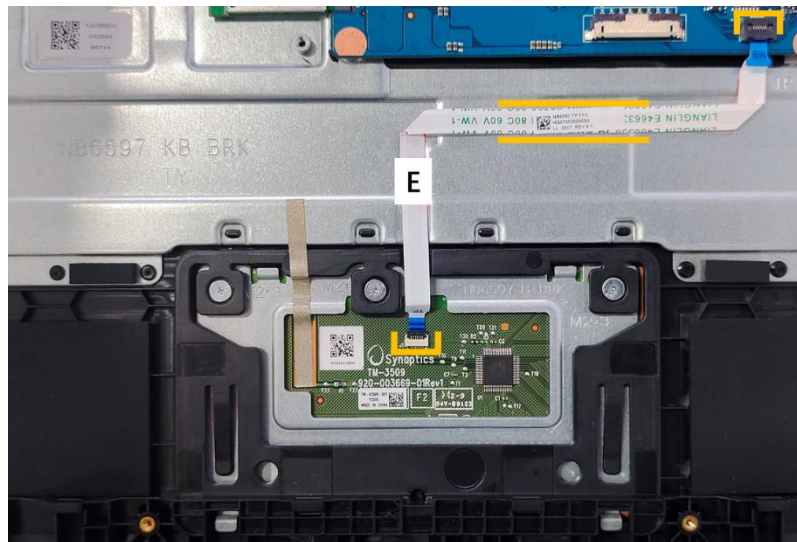


Figure 3-111. Replacing the Touchpad Module

⇒ NOTE:

Make sure that the touchpad FFC is firmly secured to the mainboard and touchpad module connectors.

6. Attach the adhesive tape (F) to secure the touchpad FFC connection (Figure 3-112).

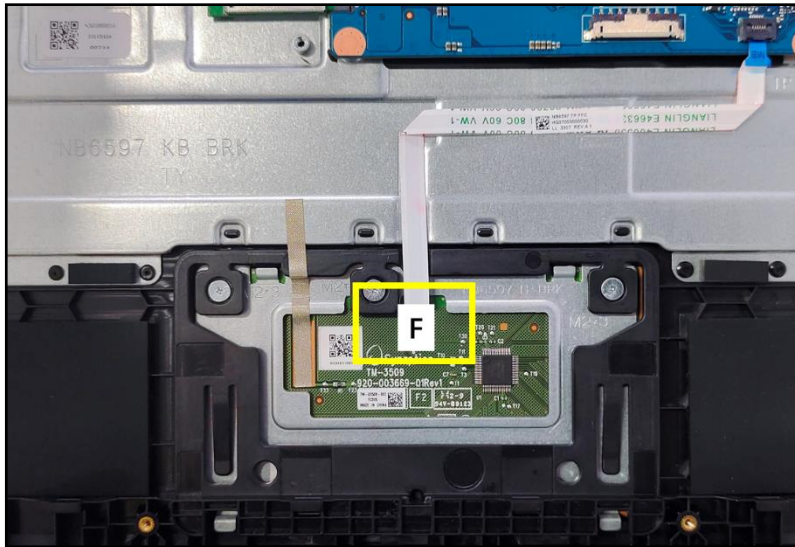



Figure 3-112. Replacing the Touchpad Module

ID	Size	Torque	Quantity	Screw Type
Red Call out	M2.0*L3.0	2.0+20%kgf-cm	3	

Replacing the Battery Pack

1. By aligning with the guide pins (A), place the battery pack (B) to its compartment on the system (Figure 3-113).

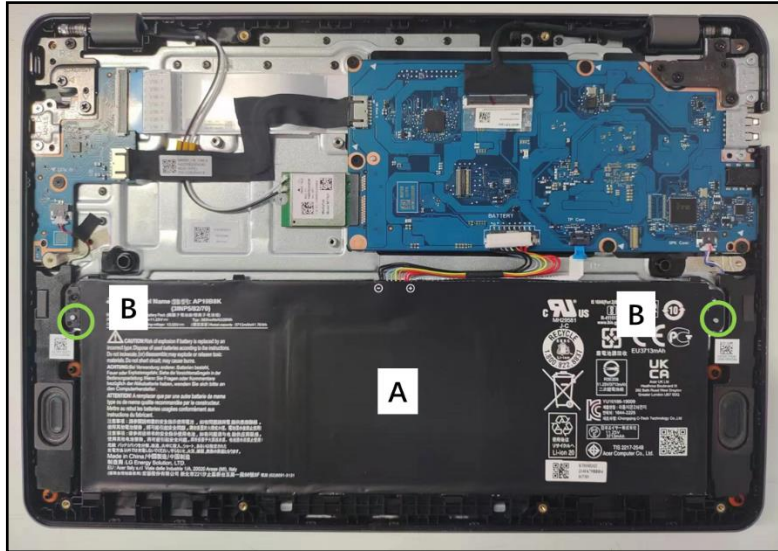


Figure 3-113. Replacing the Battery Pack

2. Install two (2) screws to secure the Battery in place (Figure 3-114).

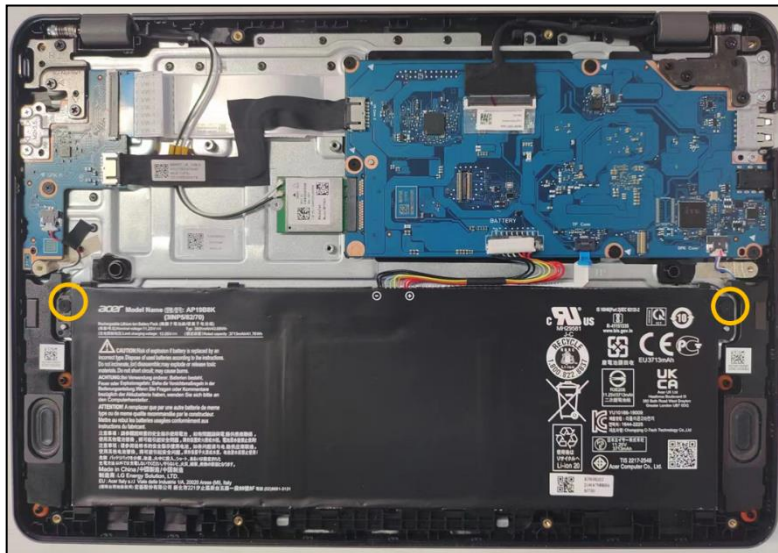


Figure 3-114. Replacing the Battery Pack

3. Connect the battery cable to the mainboard connector (C) (Figure 3-115).



Figure 3-115. Replacing the Battery Pack

4. Attach the acetate tape (D) to secure the battery cable to the mainboard connector (Figure 3-116).
5. Attach the transparent mylar (E) to secure the battery cable in place (Figure 3-116).

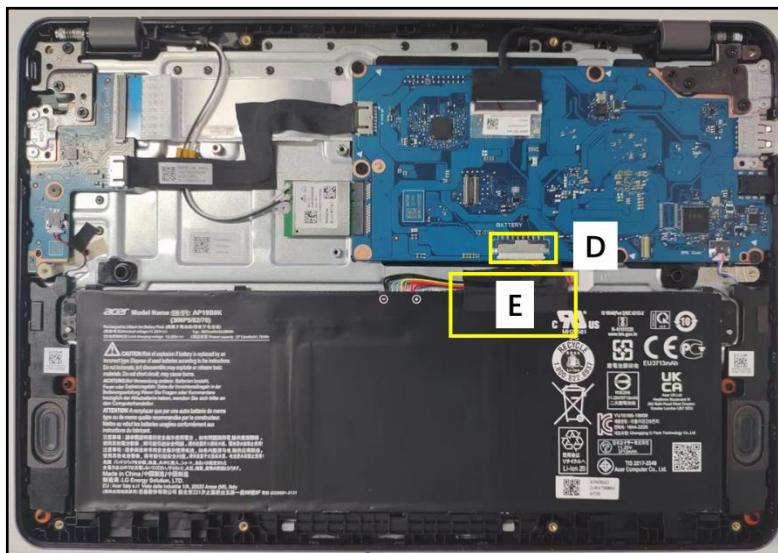


Figure 3-116. Replacing the Battery Pack

6. Attach the transparent mylar (F) to secure the battery connector in place (Figure 3-117).

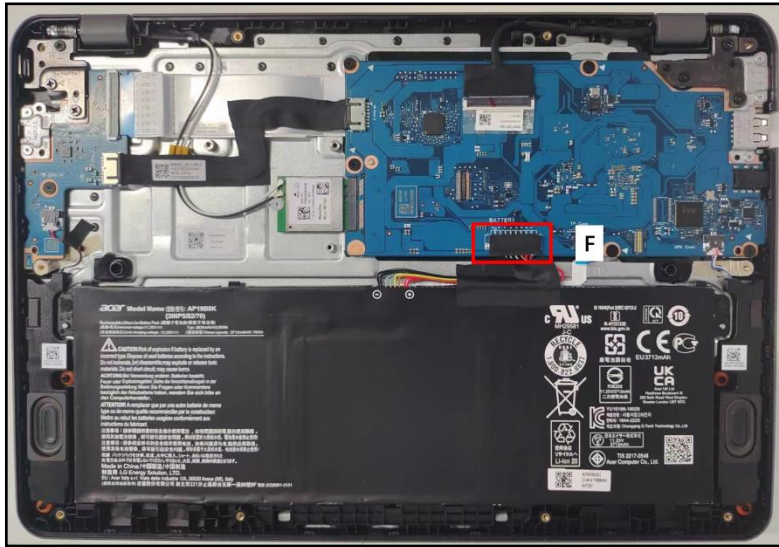


Figure 3-117. Replacing the Battery Pack

Replacing the Base Cover

1. Carefully place the base cover onto the top assembly. Make sure that the edges of the base cover are aligned properly to those of the top assembly (Figure 3-118).



Figure 3-118. Replacing the Base Cover

2. Press downward on the system to engage the tabs. Make sure all the tabs are fully engaged (Figure 3-119).




Figure 3-119. Replacing the Base Cover

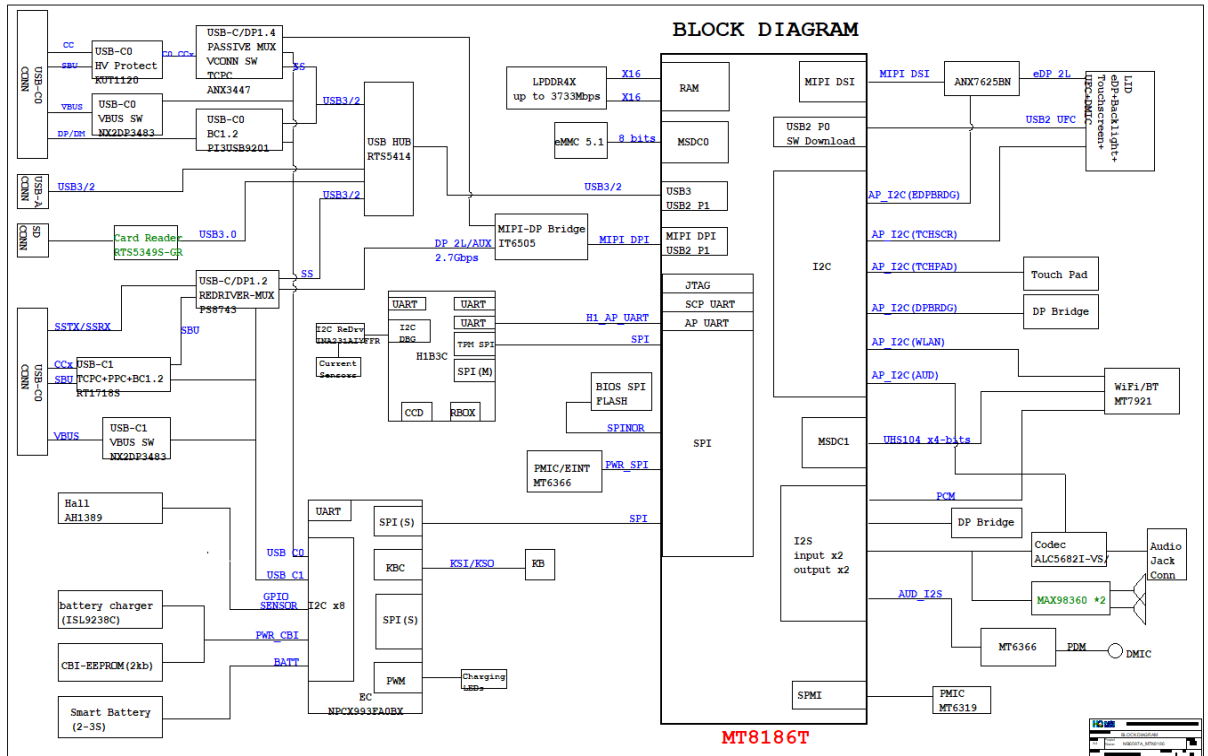
3. Install twelve (12) screws to secure the base cover in place. ([Figure 3-120](#)).



Figure 3-120. Replacing the Base Cover

ID	Size	Torque	Quantity	Screw Type
Red Call out	M2.0*L6.0	2.0+20%kgf-cm	12 (keyboard)	

Electronic boards diagrams



Troubleshooting

Introduction

This chapter shows you how to deal with common system problems. Read it before calling a technician if a problem occurs. Solutions to more serious problems require opening up the computer. Do not attempt to open the computer yourself; contact your dealer or authorized service center for assistance..

Introduction tips

This computer incorporates an advanced design that delivers on-screen error message reports to help you solve problems.

If the system reports an error message or an error symptom occurs, see "Error messages" below. If the problem cannot be resolved, contact your dealer

Error messages

If you receive an error message, note the message and take the corrective action. The following table lists the error messages in the alphabetical order together with the recommended course of action.

Table 1-1. Error Messages Error Messages

Error Messages	Corrective Action
Disk boot failure	Insert a system (bootable) disk, then press Enter to reboot.
Hard disk 0 error	Contact your dealer or an authorized service center
Hard disk 0 extended type error	Contact your dealer or an authorized service center
I/O parity error	Contact your dealer or an authorized service center
Keyboard error or no keyboard connected	Contact your dealer or an authorized service center.
Keyboard interface error	Contact your dealer or an authorized service center

If you still encounter problems after going through the corrective measures, please contact your dealer or an authorized service center for assistance.

FRU (Field Replaceable Unit) List

This chapter provides users with a FRU (Field Replaceable Unit) listing in global configurations for the Snow. Refer to this chapter whenever ordering for parts to repair or for RMA (Return Merchandise Authorization).

⇒ NOTE:

WHEN ORDERING FRU PARTS, check the most up-to-date information available on the regional web or channel. Part number changes will not be noted on the printed Service Guide. For ACER AUTHORIZED SERVICE PROVIDERS, the Acer office may have a DIFFERENT part number code from those given in the FRU list of this printed Service Guide. Users MUST use the local FRU list provided by the regional Acer office to order FRU parts for repair and service of customer machines.

⇒ NOTE:

To scrap or to return the defective parts, users should follow the local government ordinance or regulations on how to dispose it properly, or follow the rules set by the regional Acer office on how to return it.

Exploded Diagrams

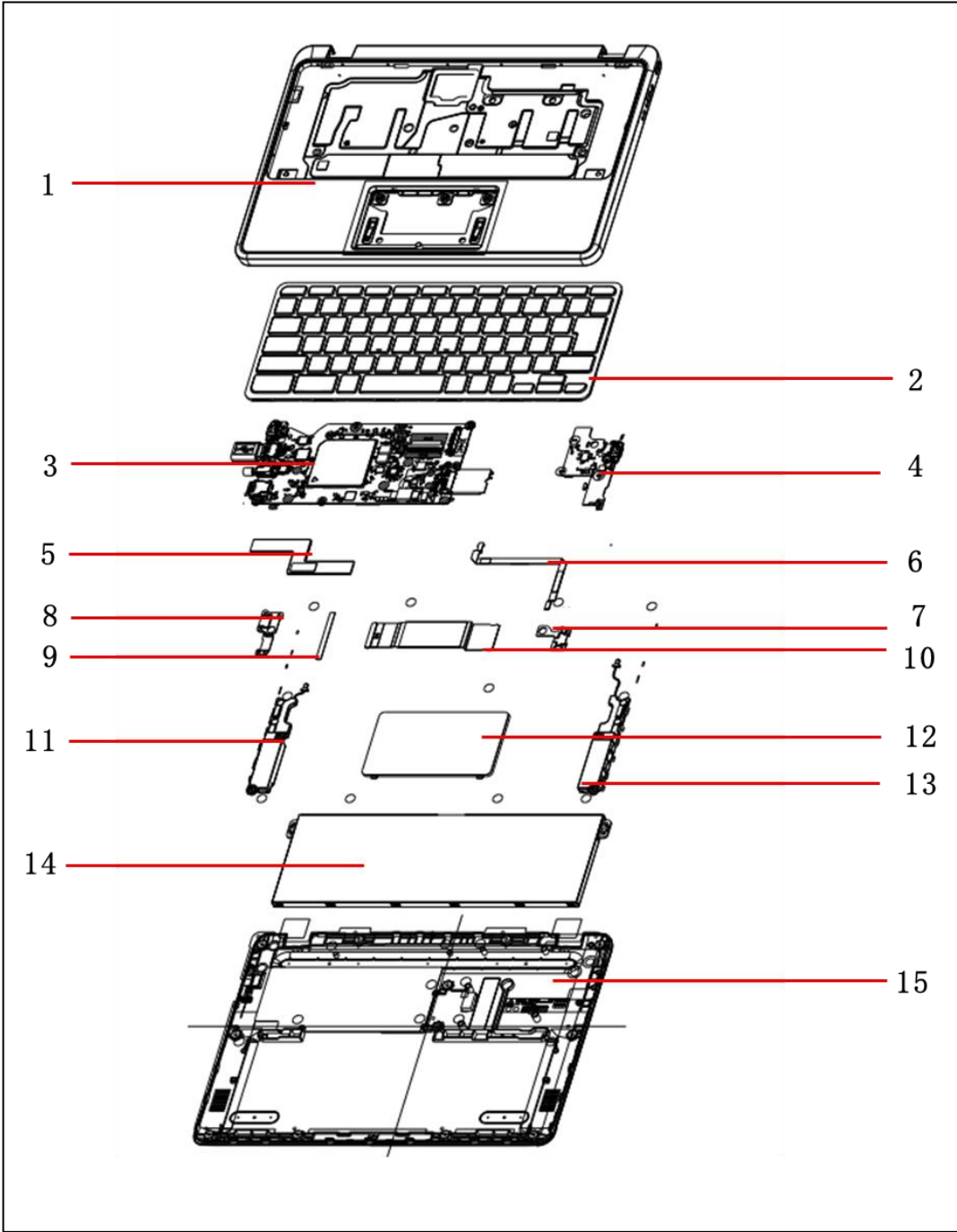


Figure 6-1. System Exploded Diagram

No.	Description	Acer Part No.
1	UPPER CASE WIFI N-STYLUS SKU	63.KKAN8.001
2	Keyboard SUNREX AD01G_C21B AD01G Internal 11 Standard 74KS Black Arabic Chrome OS for Full Size EDU anchored frameVO lock	NK.I111S.OJJ NK.I111S.OJK NK.I111S.OJL NK.I111S.OJM NK.I111S.OJN NK.I111S.OJP NK.I111S.OJQ NK.I111S.OJR NK.I111S.OJS NK.I111S.OJT NK.I111S.OJU NK.I111S.OJ5 NK.I111S.OHX NK.I111S.OHY NK.I111S.OHZ NK.I111S.OJ0 NK.I111S.OJ1 NK.I111S.OJ2 NK.I111S.OJ3 NK.I111S.OJ4 NK.I111S.OJ6 NK.I111S.OJ7 NK.I111S.OJ8 NK.I111S.OJ9 NK.I111S.OJA NK.I111S.OJB NK.I111S.OJC NK.I111S.OJD NK.I111S.OJE NK.I111S.OJF NK.I111S.OJG NK.I111S.OJH
3	MAIN BOARD	NB.KK711.002 NB.KKB11.002 NB.KK711.004 NB.KKB11.004 NB.KK711.003 NB.KKB11.005 NB.KK711.001 NB.KKB11.003
4	USB BOARD	55.KKAN8.001
5	UB CABLE	50.KKAN8.003
6	TOUCHPAD FFC	50.KKAN8.002
7	IO UB BRACKET	33.KKAN8.002
8	IO MB BRACKET	33.KKAN8.001
9	TOUCHPAD CONDUCTIVE FABRIC	47.KKAN8.002

10	USB BOARD FFC	50.KKAN8.001
11	SPEAKER-L	23.KKAN8.001
12	TOUCHPAD MODULE	56.KKAN8.001 56.KKAN8.002
13	SPEAKER-R	23.KKAN8.002
14	Battery	KT.0030G.020 KT.0030B.004
15	LOWER CASE	64.KKAN8.001

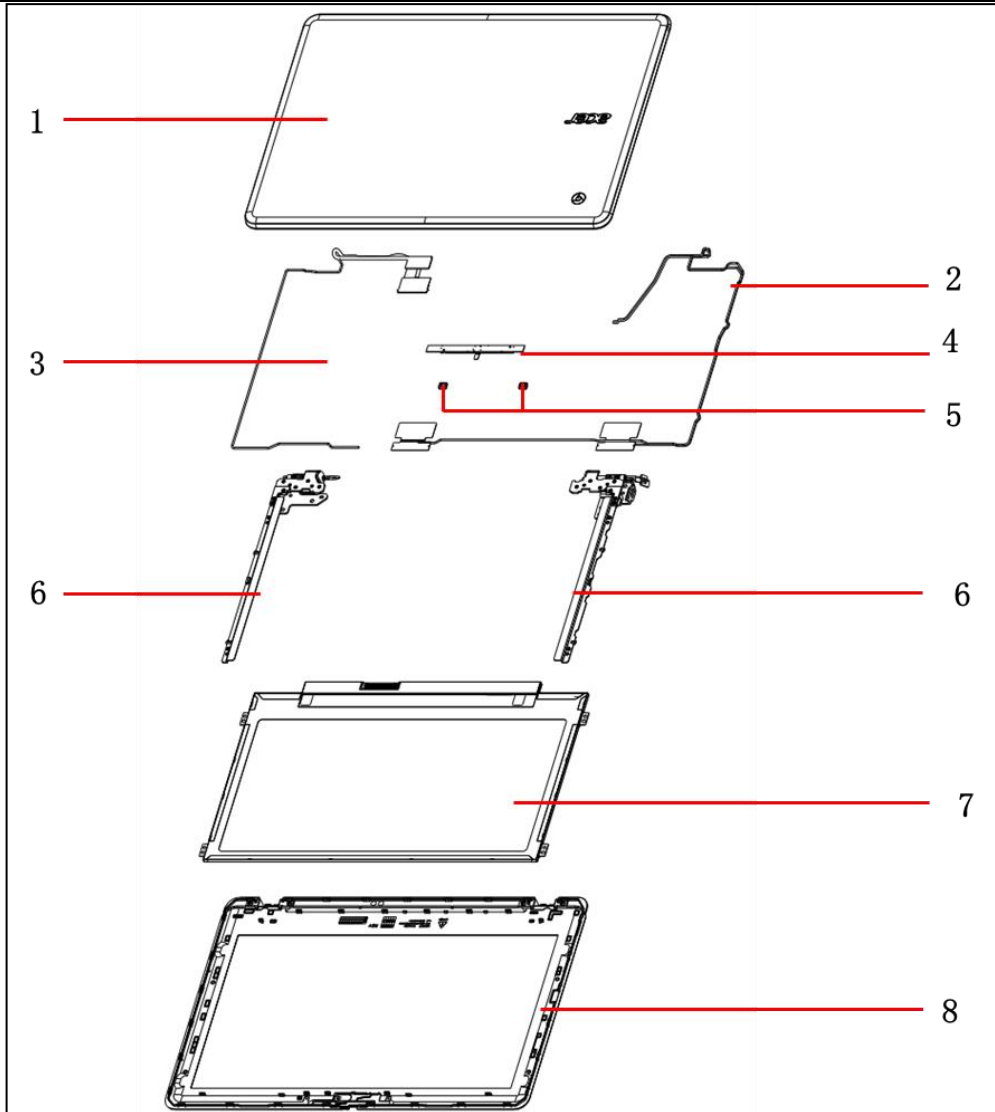




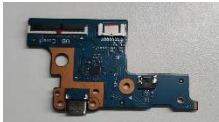
Figure 6-2. LCD Assembly Exploded Diagram

Table 6-2. LCD Assembly Exploded Diagram



No.	Description	Acer Part No.
1	LCD COVER	61.KKAN8.001
2	ANTENNA MAIN+AUX	50.KKAN8.004
3	EDP CABLE	50.KK5N8.001 50.KKAN8.005
4	CAMERA	KS.0HD06.038 KS.0HD0Q.026
5	RUBBER CAMERA	47.KKAN8.001
6	HINGE L	33.KKAN8.003
	HINGE R	33.KKAN8.004
7	LCD PANEL	KL.11605.067 KL.1160D.032 KL.11605.046 KL.1160D.028
8	B COVER	62.KKAN8.001


FRU list


Table 6-3. FRU List

Category	Description	Acer Part No.
ADAPTER		
	Adapter Chicony Power 45W 5V/3A_9V/3A_12V/3A_15V/3A_20V/2.25A Type C A045RP05P LF Black Meet DOE6, CoC Tier2, IEC 62368	KP.0450H.012
	Adapter DELTA ADP-45HG BA 45W Type C Brick 5V/3A_9V/3A_12V/3A_15V/3A_20V_2.25A Black	KP.04501.023
	Adapter LITE-ON PA-1450-50AD 45W Type C Brick 5V/3A_9V/3A_12V/3A_15V/3A_20V/3A Black	KP.04503.014
BATTERY		
	Battery CosMx Typ.53Wh 3S1P AP20CBL 248x84.4x5.5(mm) AP20C 11.55V 65W Li-Ion TI BQ40Z555 FW5.09	KT.0030B.004
	Battery LGES Typ.50Wh 4470mAh 3S1P AP18C8K 248x84.4x5.5(mm) AP18C 11.25V 65W Polymer	KT.0030G.020
BOARD		
	BOARD I/O	55.KKAN8.001

Category	Description	Acer Part No.
CABLE		
	FFC CABLE I/O BOARD 45PIN	50.KKAN8.001
	FFC CABLE TOUCHPAD 8PIN	50.KKAN8.002
	CABLE I/O BOARD 8PIN	50.KKAN8.003
	ANTENNA MAIN/AUX	50.KKAN8.004
	CABLE LCD TOUCH	50.KK5N8.001
	CABLE LCD NON-TOUCH	50.KKAN8.005





Category	Description	Acer Part No.
CAMERA		
	Camera CHICONY HD Camera CNFLH35-2 GC1009 RTS5855 1L3B059F2 (BG) KMM4030102664DN9 TNR Chrome V1.0 (ROI)	KS.0HD06.038
	Camera Tech-Front HD Camera YHV-3 HM1091C SPCA2112N DS-31041M(BG) KMM4030102664DN9 TNR , Chrome V1.0 (ROI)	KS.0HD0Q.026
KEYBOARD		
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black Hungarian Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JJ
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black Italian Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JK
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black Nordic Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JL
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black Norwegian Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JM



Category	Description	Acer Part No.
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black Portuguese Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JN
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black SLO/CRO Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JP
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black Spanish Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JQ
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black Sweden Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JR
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black Swiss/G Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JS
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black Turkish Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JT
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black UK Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JU
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 74KS Black US Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0J5
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 74KS Black Arabic Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0HX
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 74KS Black Traditional Chinese Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0HY
Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 74KS Black Greek Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0HZ	











Category	Description	Acer Part No.
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 74KS Black Korean Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0J0
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 74KS Black Russian Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0J1
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 74KS Black Ukrainian Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0J2
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 74KS Black Persian Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0J3
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 74KS Black Thailand Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0J4
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 74KS Black US International Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0J6
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 74KS Black US International w/ Hebrew Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0J7
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black US International w/ Canadian French Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0J8
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 74KS Black US International w/ Bulgaria Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0J9
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black ALA-Spanish Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JA
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black Belgium Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JB

Category	Description	Acer Part No.
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black Brazilian Portuguese Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JC
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black CZ/SK Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JD
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black Danish Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JE
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black FR/Arabic Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JF
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black French Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JG
	Keyboard SUNREX AD01G_C20B AD1G Internal 11 Standard 75KS Black German Chrome OS for Full Size EDU anchored w/ frame V0	NK.I111S.0JH
LCD COVER		
	LCD COVER BLACK	61.KKAN8.001
LCD MODULE		
	LED Touch Panel AUO 11.6" HD IPS Glare B116XAK01.0 H/W 9A 250nit NTSC 50% 60Hz 25ms 800:1 (OTP lite)	KL.11605.067
	LED Touch Panel INNOLUX 11.6" HD IPS Glare N116BCN-EB1 C1 250nit NTSC 50% 60Hz 25ms 1000:1 (Otp Lite/ HID-I2C)	KL.1160D.032

Category	Description	Acer Part No.
	LED LCD Panel AUO 11.6" WXGA IPS None Glare B116XAN06.1 H/W 0A 250nit NTSC 50% 60Hz 25ms 800:1 (ultra-slim) (eDP)	KL.11605.046
	LED LCD Panel CMI 11.6" WXGA IPS None Glare N116BCA-EA1 C2 C2 250nit NTSC 50% 60Hz 25ms 800:1 (3.0mm max, IPS) with Fiti driver IC	KL.1160D.028
LOWER CASE		
	LOWER CASE BLACK	64.KKAN8.001
LCD BEZEL		
	LCD BEZEL BLACK	62.KKAN8.001
UPPER CASE		
	UPPER CASE BLACK	63.KKAN8.001







MAINBOARD		
	Mainboard C723T MT8186T 4GB eMMC32GB UMA	NB.KK711.002
	Mainboard C723 MT8186T 4GB eMMC32GB UMA	NB.KKB11.002
	Mainboard C723T MT8186T 4GB eMMC64GB UMA	NB.KK711.004
	Mainboard C723 MT8186T 4GB eMMC64GB UMA	NB.KKB11.004
	Mainboard C723T MT8186T 8GB eMMC32GB UMA	NB.KK711.003
	Mainboard C723 MT8186T 8GB eMMC32GB UMA	NB.KKB11.005
	Mainboard C723T MT8186T 8GB eMMC64GB UMA	NB.KK711.001
	Mainboard C723 MT8186T 8GB eMMC64GB UMA	NB.KKB11.003
METAL		
	HINGE L	33.KKAN8.003
	HINGE R	33.KKAN8.004
	BRACKET MB	33.KKAN8.001
	BRACKET I/O BOARD	33.KKAN8.002

Category	Description	Acer Part No.
POWER CORD		
	POWER CORD 1M BLACK 250 V_Argentina	27.K0JN8.009
	POWER CORD 1M BLACK 250 V_Australian	27.K0JN8.005
	POWER CORD 1M BLACK 250 V_Brazil	27.K0JN8.010
	POWER CORD 1M BLACK 250 V_Korea	27.K0JN8.012
	POWER CORD 1M BLACK 250 V_ISRAEL	27.K0JN8.004
	POWER CORD 1M BLACK 250 V_ITALIAN	27.K0JN8.002
	POWER CORD 1M BLACK 250 V_Japan	27.K0JN8.007
	POWER CORD 1M BLACK 250 V_CN	27.K0JN8.001
	POWER CORD 1M BLACK 250 V_South Africa	27.K0JN8.008
	POWER CORD 1M BLACK 250 V_SWISS	27.K0JN8.003
	POWER CORD 1M BLACK 250 V_UK	27.K0JN8.006
	POWER CORD 1M BLACK 250 V_US	27.K0JN8.013
	POWER CORD 1M BLACK 250 V_Taiwan	27.K0JN8.011
Wireless LAN		
	Wireless LAN MEDIATEK 802.11ax (Wi-Fi 6) BT5.2 MT7921LSN Mediatek 2x2 M.2 2230 SDIO	KE.11X0M.002
SPEAKER/MICROPHONE		
	SPEAKER L	23.KKAN8.001
	SPEAKER R	23.KKAN8.002

Category	Description	Acer Part No.
TOUCHPAD		
	TOUCHPAD MODULE GREEN ELANTECH NC.24611.04K	56.KKAN8.001
	TOUCHPAD MODULE GREEN SYNAPTICS NC.24611.08W	56.KKAN8.002
MISCELLANEOUS		
	CONDUCTIVE TOUCHPAD	47.KKAN8.002
	RUBBER MIC	47.KKAN8.001
	TAPE CABLE	47.KKAN8.003
	TAPE BATTERY CABLE	47.KKAN8.004
	MYLAR KB	47.KKAN8.005
	RUBBER TOP OF D COVER 240 MM_8.4 MM_4.89 MM_BLACK	47.KKAN8.007
	RUBBER BOTTOM OF D COVER 240 MM_8.4 MM_4.89 MM_BLACK	47.KKAN8.008
	CPU SHIELDING 45.5 MM_44.1 MM_0.2 MM_0.2 MM	47.KKAN8.010
	THERMAL PAD UPPER CASE 12 MM_12 MM_0.8 MM_BLUE	47.KKAN8.009

Screw List

Table 6-4. Screw List

Category	Description	Acer Part No.
	SCREW_M2.0MM*L4MM_D4.0MM_T0.7MM_SILVER	86.KKAN8.005
	SCREW_M2.0MM*L6.0MM_D4.5MM_T0.8MM_BLACK	86.KKAN8.006
	SCREW_M2.0MM*L3.0MM_D5.0MM_T0.5MM_SILVER	86.KKAN8.004
	SCREW_M2.5MM*L4MM_D4.5MM_T0.8MM_BLACK	86.KKAN8.003
	SCREW_M2.0MM*L3.5MM_D5.0MM_T0.5MM_BLACK	86.KKAN8.002
	SCREW_M2.0MM*L2.5MM_D4.5MM_T0.5MM_BLACK	86.KKAN8.001

Software Update

Please visit <http://go.acer.com/?id=17883>

System BIOS & Driver Updates

Visit <http://www.acer.com/support> to discover the available system BIOS and Drivers for this product. After selecting the desired country/language, either enter the model name or product serial number, or select the product from the list of suggested models in order to get access to product-specific software and documentation.

To update the system BIOS

- Download the desired system BIOS version from the website
- Unzip the downloaded file to your computer
- Double-click the extracted file in order to initiate the update process
- The update process itself is fully automated and its progress is visualized by means of a progress indicator
- A visual notification is shown when the update is complete

⇒ NOTE





Upgrading the system BIOS incorrectly, or intermittence of the system BIOS update process could harm the product.

⇒ NOTE

System BIOS upgrades or downgrades, if not performed by an Acer Service Center or authorized Service Partner, are at own risk.

To update Drivers

Run Windows Update in order to get the latest drivers from Acer

- Select the Start  button
- Go to Settings  > Update & Security  > Windows Update 
- Drivers will automatically be listed on the screen. Press Download to start the download of the respective driver
- Installation of the driver will start automatically once the download is completed

Software Recovery

This product has embedded software recovery tools which can be used to either perform a partial or full software recovery, but also to create a Factory Default recovery media. For more information about the software recovery options, how to perform a software recovery or creating a Factory Default recovery media, please refer to the chapter "Recovery" which is available in the User Manual of the product.

⇒ NOTE







In the event of not being able to create a Factory Default recovery media, it is possible to obtain a copy of the recovery media through Acer Customer Service (<http://www.acer.com/support>)

This is not a free of charge service.

Personal Data Removal

Personal Data Removal

Removing your personal data There are three options to choose from:

- Option 1: Select Start  > Settings  > Update&Security  > Recovery. Under Reset this PC, select Get started. Open Recovery settings.
- Option 2: Restart your PC to get to the sign-in screen, then press and hold down the Shift key while you select the Power  icon > Restart in the lower-right corner of the screen. After your computer restarts, select Troubleshoot > Reset this PC
- >Option 3: Select Start  ., then press and hold down the Shift key while you select the Power  icon > Restart to restart your computer into Recovery Mode. After your computer restarts, select Troubleshoot > Reset this PC.