

Disassembly Procedure

Please follow the information provided in this section to perform the complete disassembly procedure of the notebook. Be sure to use proper tools described before.

B14Y Notebook consists of various modules. This chapter describes the procedures for the complete notebook disassembly. In addition, in between procedures, the detailed disassembly procedure of individual modules will be provided for your service needs.

The disassembly procedure consists of the following steps:

- Keyboard Module
- Bottom Case Module
- Battery Module
- HDD Module
- Memory Card Module
- SSD Card module
- WLAN Module
- Thermal Module
- I/O Board Module
- Touch Pad Module
- Top Case Module
- LCD Module

**KEYBOARD
MODULE****Keyboard Module**

The illustrations below show how to remove the Keyboard module from the notebook.

Remove Keyboard Module

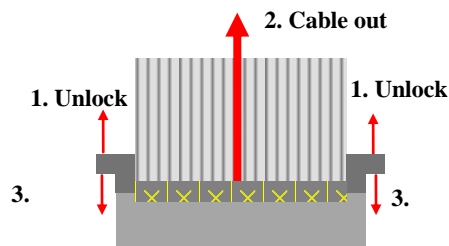
1. Open 6 latches (Esc, F5, F11, Del, Tab, Home) on keyboard module by a pair of tweezers.



2. Turn over the keyboard plate and disconnect the keyboard FPC and remove the keyboard plate.

**Remove Keyboard Cable**

1. Use a flexible connector tool to unlock the cable connector on both ends (no. 1).
2. Carefully pull out the keyboard cable (no. 2) with a pair of tweezers.
3. Lock the connector (no. 3) again to avoid possible breakage.



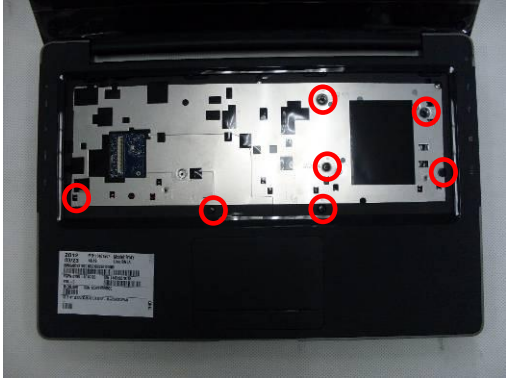
BOTTOM CASE

Bottom Case Module

The illustrations below show how to disassemble and remove the bottom case module of the notebook.

Remove Bottom Case Module

1. Remove 7 screws (M2*4) on top case.

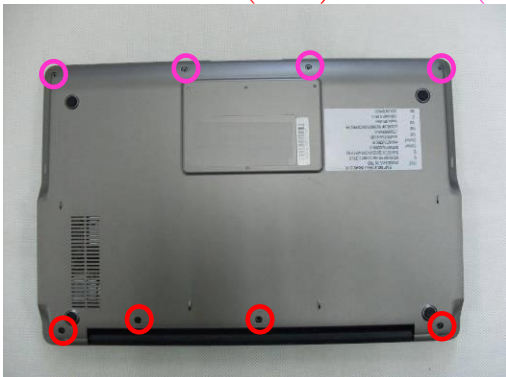


2. Place the protection coating on the LCD bezel.

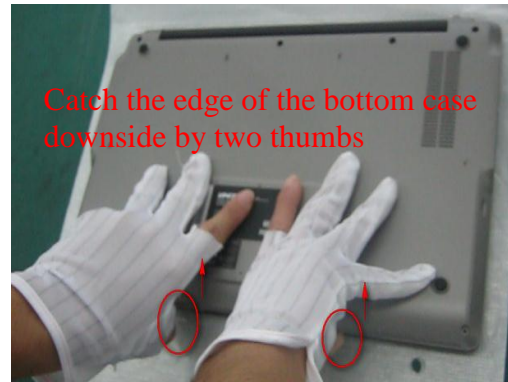
Caution: Protection coating should be placed along the edge of the LCD bezel internal frame according to the photo below.



3. Remove 4 screws (M2*5) & 4 screws (M2*4) on bottom case.

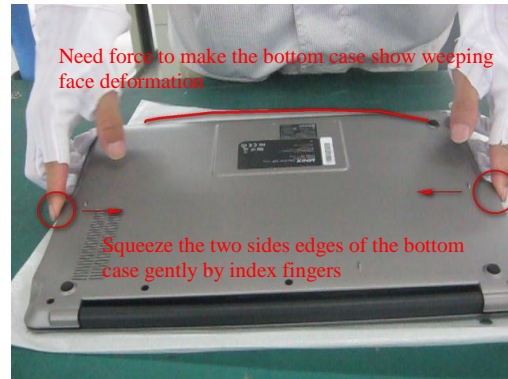
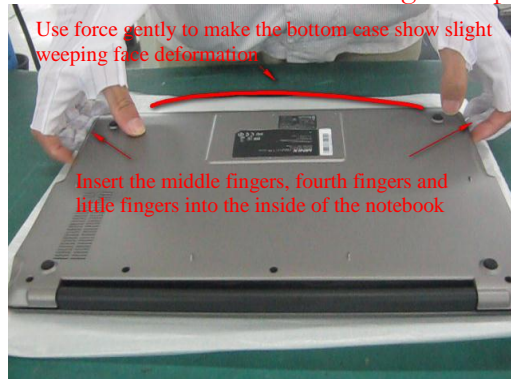


4.1 Disassemble the downside of the bottom case first: Press the bottom case with two hands gently. Then catch the edge of the bottom case downside by two thumbs and lift the downside of the bottom case.

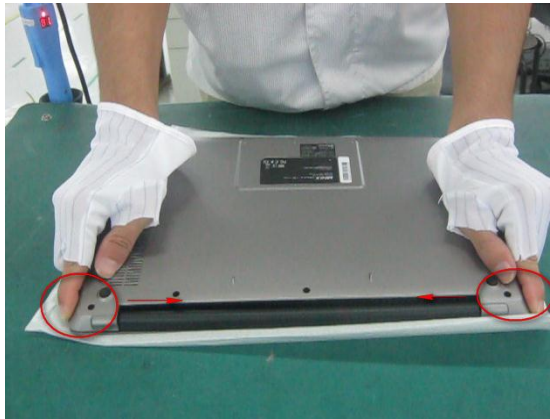


4.2 Disassemble two sides of the bottom case: Insert the middle fingers, fourth fingers and little fingers into the inside of the notebook and use force gently to make the bottom case show slight weeping face deformation. Then squeeze the two side edges of the bottom case gently by index fingers to open the latches between the top case and bottom case.

Caution: Disassemble the two sides of the bottom case from down to up and keep using force gently to make the bottom case show slight weeping face deformation.



4.3 Disassemble the upside of the bottom case: Follow the same method described in Step 4.2 to disassemble the top left corner and top right corner of the bottom case. Then pull down the bottom case and remove the bottom case.



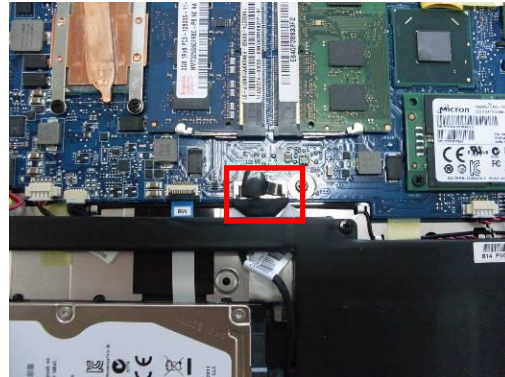
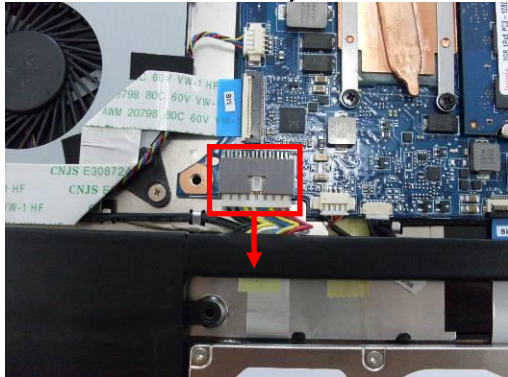
BATTERY MODULE

Battery Module

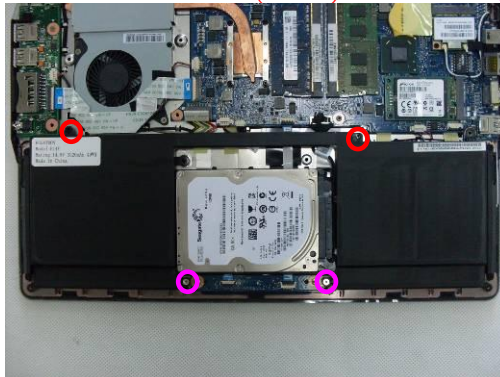
The illustrations below show how to remove the battery module from the notebook.

Remove Battery Module

1. Disconnect the battery cable and HDD SATA cable from motherboard.



2. Remove 2 screws (M2*4) & 2 screws (M2*2.5) on battery and take it away.



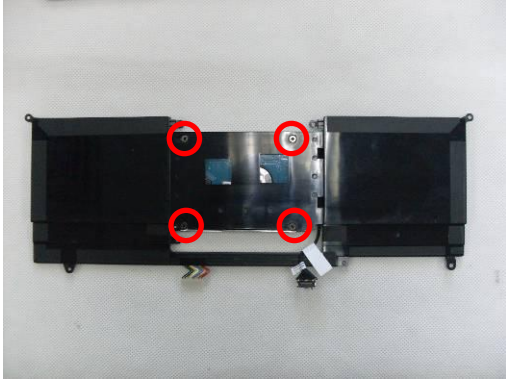
HDD
MODULE

HDD Module

The illustrations below show how to remove the HDD module from the notebook.

Remove HDD Module

1. Remove 4 screws (M3*3) on battery and take the HDD away.



2. Disconnect the HDD cable from HDD.



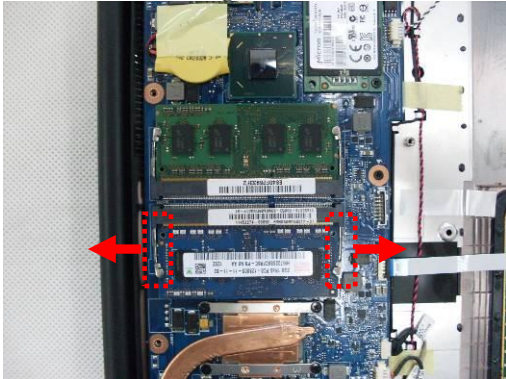
**MEMORY
MODULE**

Memory Module

The illustration shows how to remove the memory module from the notebook.

Remove Memory Module

1. Pull two latches here to pop the Memory module up at 45° angles, and then pull out the module at that angle.



2. Pull two latches here to pop the Memory module up at 45° angles, and then pull out the module at that angle.



SSD

MODULE

SSD Module

The illustration below shows how to remove the SSD module from the notebook.

Remove SSD Module

1. Remove 1 screw (M2*2.5), then pull out the card from its slot.



WLAN

MODULE

Wireless LAN Module

The illustration below shows how to remove the Wireless LAN module from the notebook.

Remove Wireless LAN Module

1. Disconnect the antennas and remove 1 screw (M2*2.5), then pull out the card from its slot.



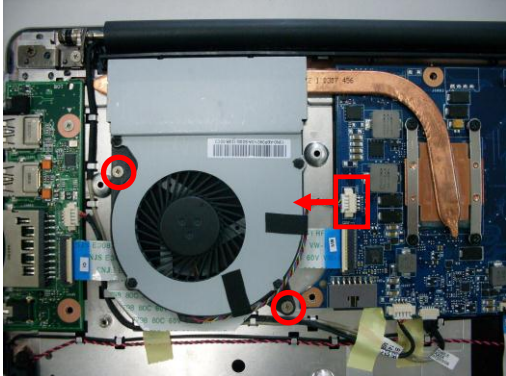
THERMAL MODULE

Thermal Module

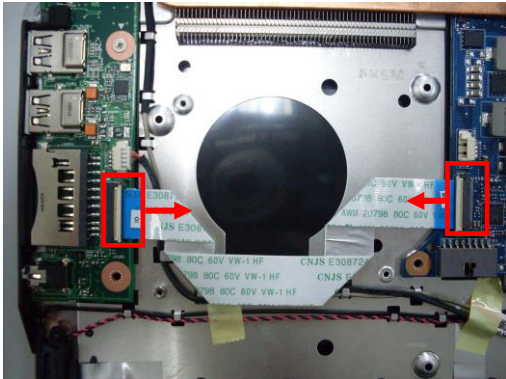
The illustrations below show how to disassemble and remove the thermal module of the notebook.

Remove Fan Module

1. Disconnect the fan cable from motherboard, then remove 2 screws (M2.5*2.5) on fan, then take the fan away.

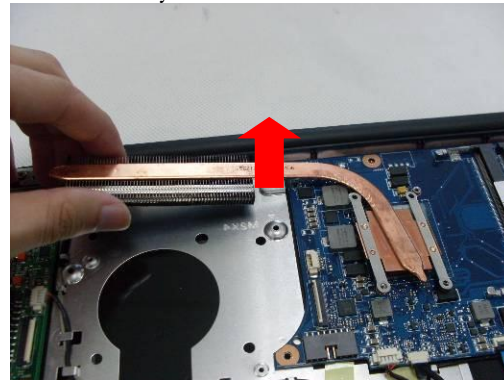
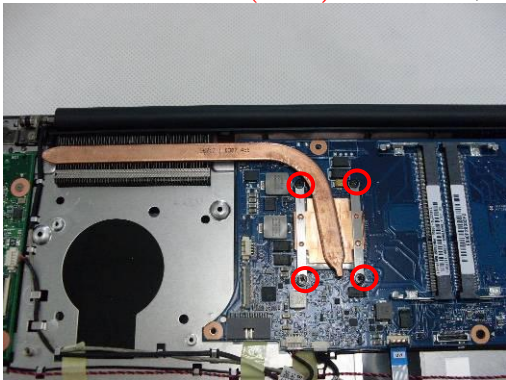


2. Disconnect the IO FFC cable and remove it.



Remove Heatsink Module

1. Remove 4 screws (M2*4) on heatsink, then take it away.



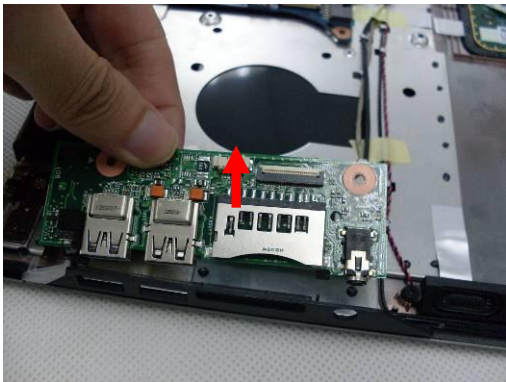
**I/O BOARD
MODULE**

I/O board Module

The illustrations below show how to disassemble and remove the I/O Module.

Remove I/O board Module

1. Disconnect the I/O power cable from I/O board, then remove 1 screw (M2*2.5) on the I/O board. And at last take it away.



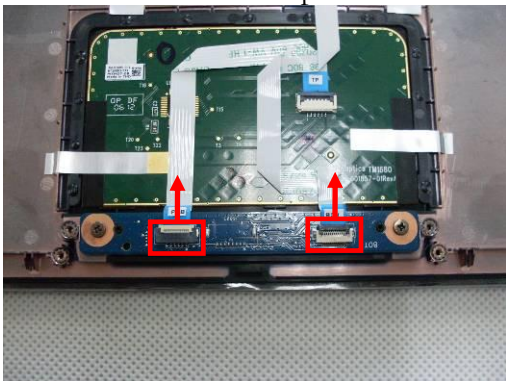
**TOUCH PAD
BOARD MODULE**

Touch Pad Board Module

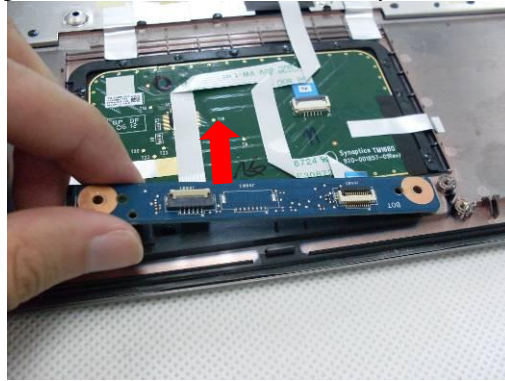
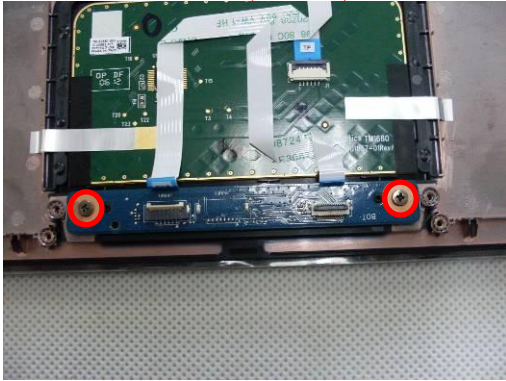
The illustrations below show how to disassemble and remove the touch pad board Module.

Remove Touch Pad Board Module

1. Disconnect two touch pad FFC cables from touch pad board.



2. Remove 2 screws (M2*2.5) on the touch pad board. And then take it away.



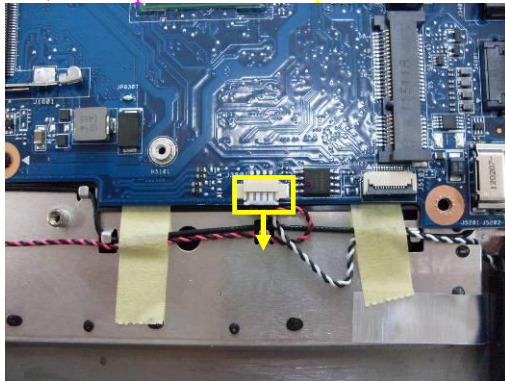
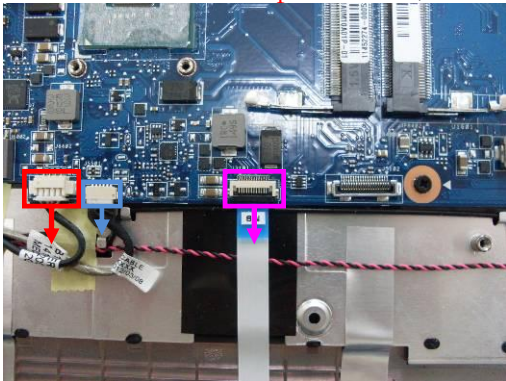
Top Case Module

TOP CASE MODULE

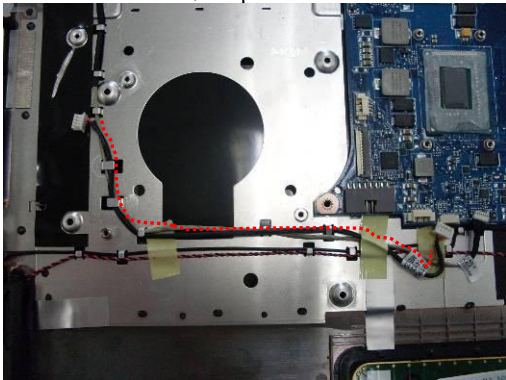
The illustrations below show how to disassemble and remove the top case Module.

Remove Cables

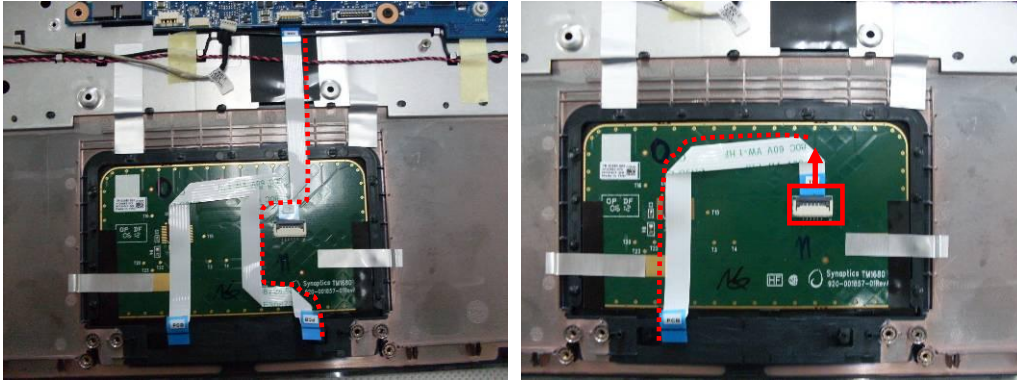
1. Disconnect the I/O power cable, MIC cable, touch pad cable and speaker cable.



2. Remove the I/O power cable from the top case.

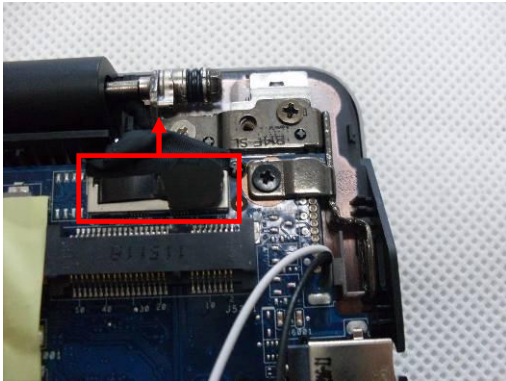


3. Remove the two touch pad cables and take them away.

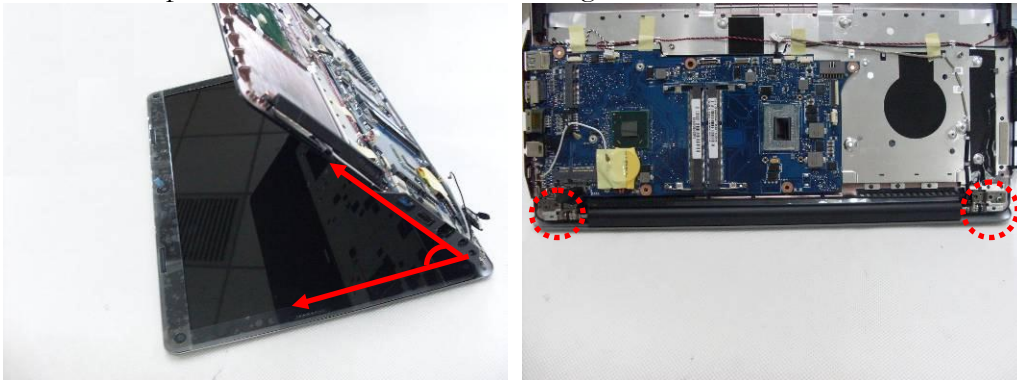


Remove LCD Module

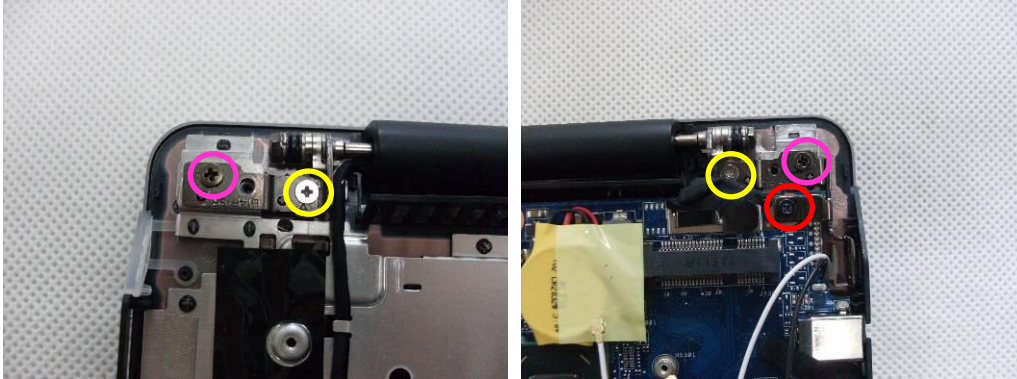
1. Disconnect the LVDS cable from the motherboard.



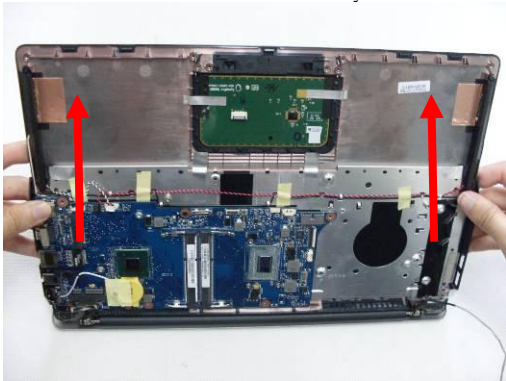
2. Take the top case and LCD module to 45° angle.



3. Remove the 5 screws (M2.5*4, M2.5*2.5, M2*4) from the LCD hinge.

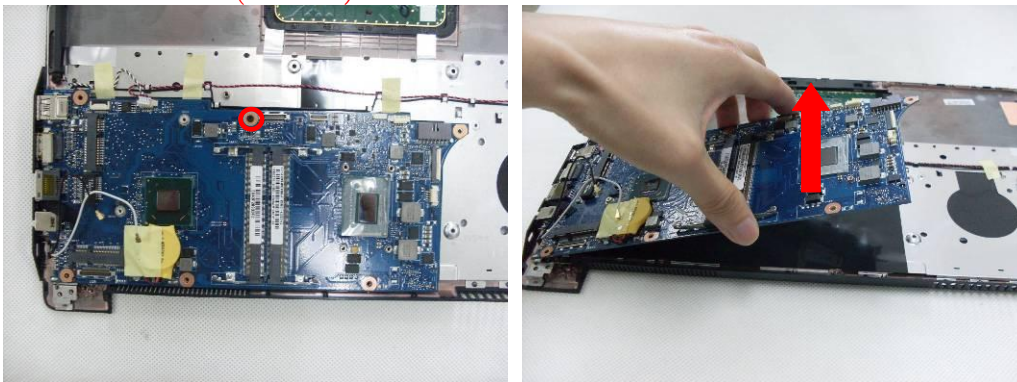


4. Take the LCD module away.



Remove Motherboard

1. Remove 1 screw (M2 * 2.5) from the motherboard.



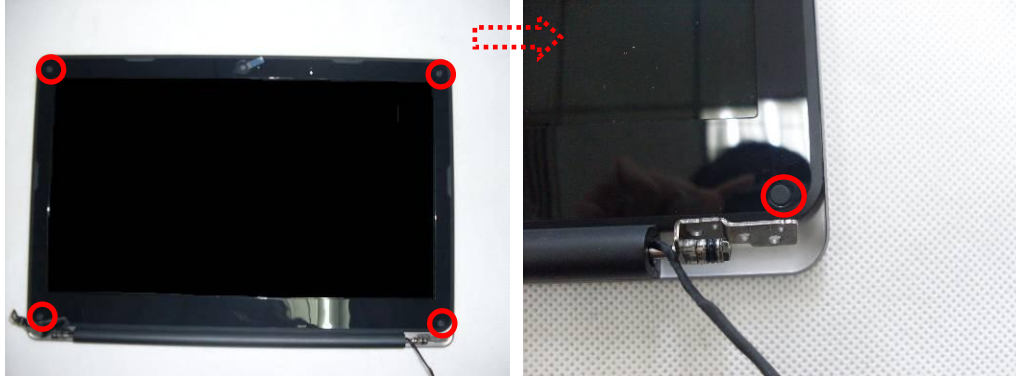
L C D
M O D U L E

LCD Module

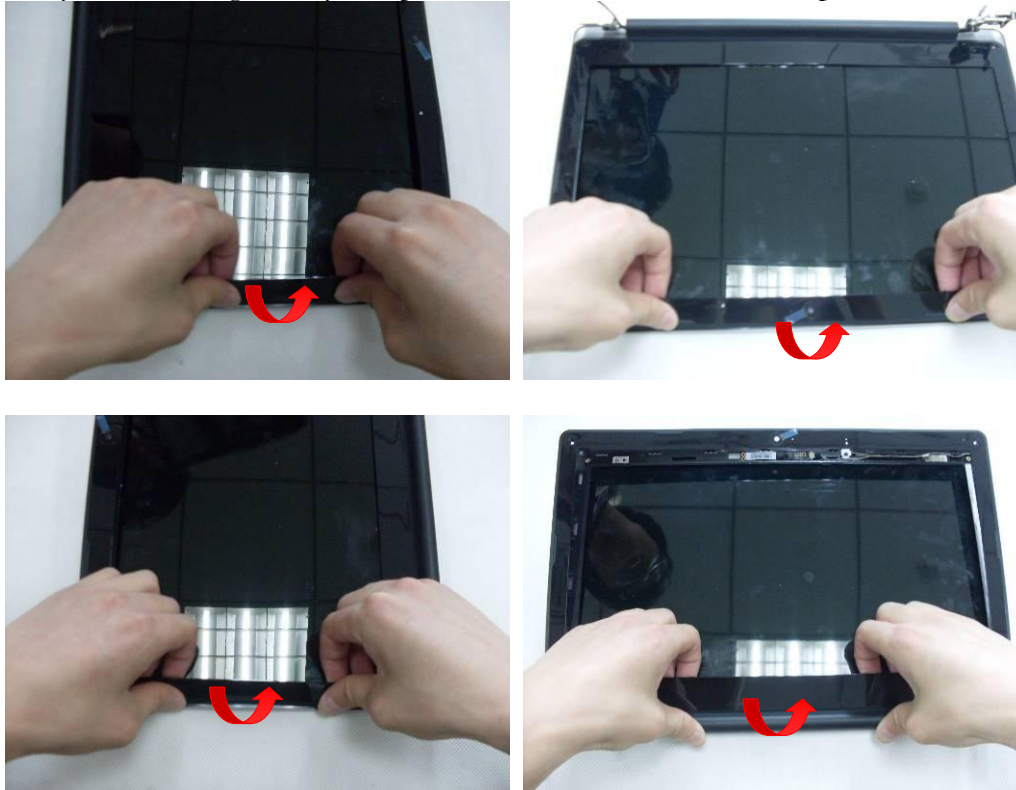
The illustrations below show how to remove and disassemble the LCD module. The module contains LCD panel, camera board, LCD bezel, LCD back cover.

Disassemble LCD Module

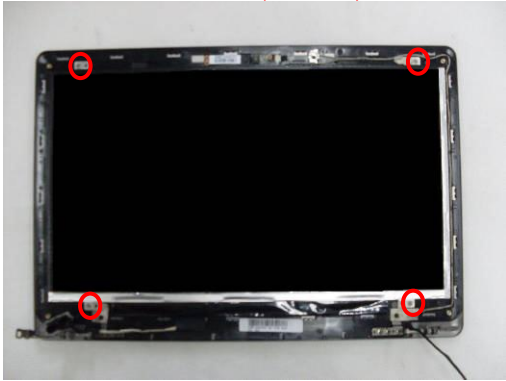
1. Remove 4 rubbers and 4 screws (M2*2.5) on LCD module.



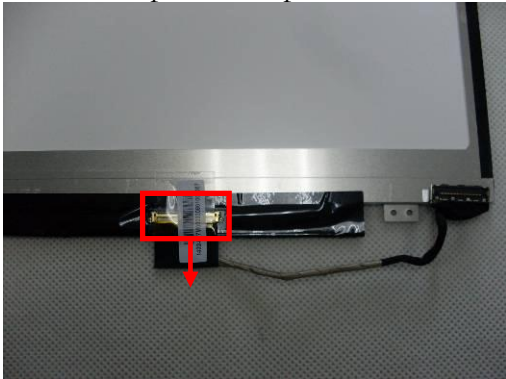
2. Pry the inside edges softly to separate LCD front bezel from LCD panel and take it away.



3. Remove 4 screws (M2*2.5) on LCD cover and take the LCD panel away.



4. Tear one piece of tape then disconnect the LVDS cable from LCD panel and take it away.



5. Disconnect the MIC cable and lift up the camera board, then take the camera away.

