

**Chapter****2**

## 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.*

**A** SUS K93 Series 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:

- ◆ [Battery Module](#)
- ◆ [HDD Module](#)
- ◆ [ODD Module](#)
- ◆ [Keyboard Module](#)
- ◆ [Top Case Module](#)
- ◆ [Motherboard Module](#)
- ◆ [LCD Module](#)
- ◆ [Bottom Case Module](#)

**BATTERY Module**

The illustrations below show how to remove the Battery Module from the notebook.

**Remove the Lower Door and HDD Door**

1. Remove 3 screws (M2.5\*10mm)

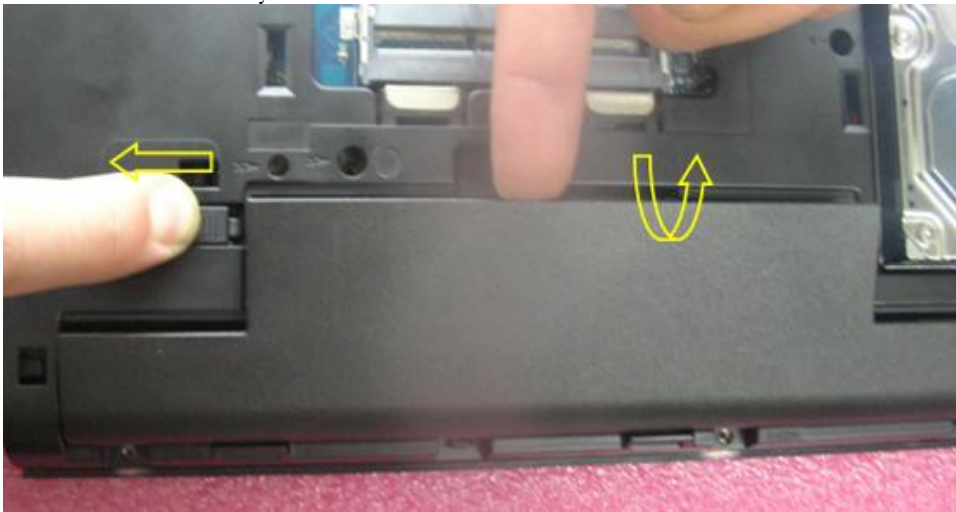


2. Disassemble lower door and HDD door follow below method



**Remove Battery Module**

3. Disassemble Battery follow below method shown

[\*\*BACK\*\*](#)

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**H D D**

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**HDD Module**

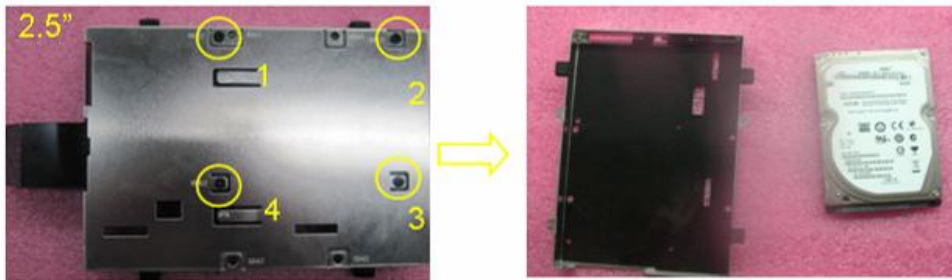
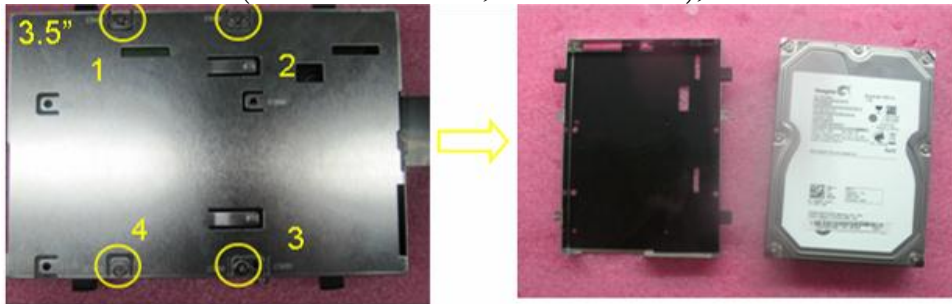
The illustrations below show how to remove the HDD Module from the notebook.

**Remove HDD Module**

1. Take away the 3.5" and 2.5" HDD follow below method.



2. Remove 4 screws (3.5" IMD 6#\*4mm, 2.5" M3.0\*3mm), disassemble HDD and HDD bracket



3. Remove 4 screws (M3.0\*3mm), disassemble 2.5" HDD and HDD AL-foil



[BACK](#)

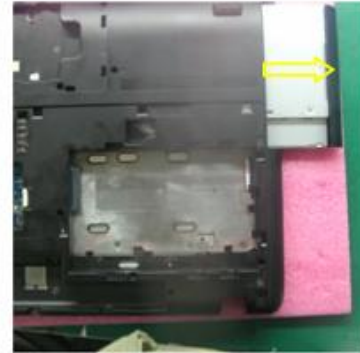
**ODD**

**ODD Module**

The illustrations below show how to remove the ODD Module from the notebook.

**Remove ODD Module**

1. Remove 1 screw (M2.5\*10mm) on ODD bracket, take it away form ODD house



2. Remove 2 screws (M2.0\*3mm).then separate ODD bracket and ODD door from ODD module



[BACK](#)

**KEYBOARD**

**Keyboard Module**

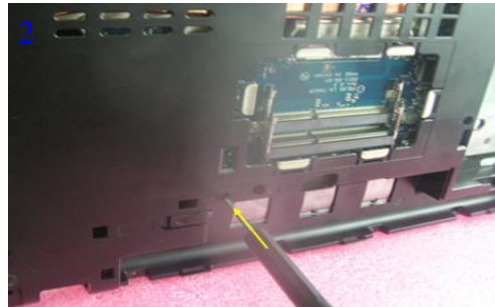
The illustrations below show how to remove the keyboard Module from the notebook.

**Remove Keyboard Module**

Remove 2 screws (M2.5\*10mm) on Keyboard at the back of notebook, then take the Keyboard away



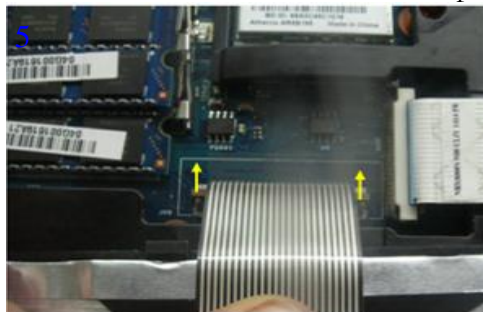
Remove 2 screws (M2.5\*10mm)



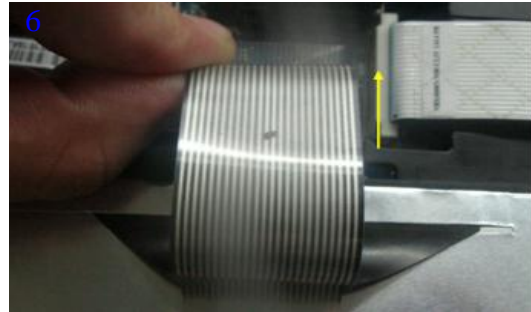
withstand the K/B use screwdriver



Disassemble the K/B use hand as picture shown



Open up Keyboard CONN



pull out Keyboard cable

[BACK](#)

## Top Case Module

The illustrations below show how to remove the Top Case Module from the notebook.

### Remove the Top Case

1. Remove 12 screws **M2.5\*10mm** 3 screws (**M2.0\*3mm**) on logic lower, 3 screws (**M2.5\*10mm**) on logic up, disassemble T/P cable, power button cable, then take the logic up away



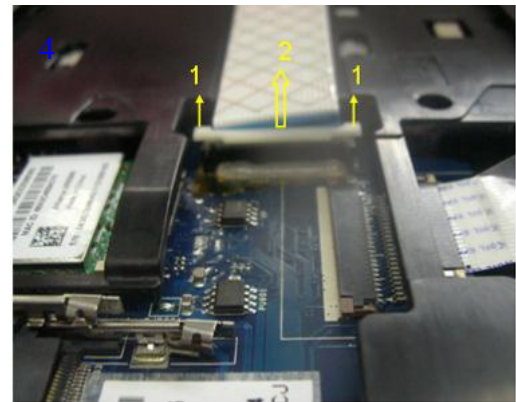
Remove screw on logic lower



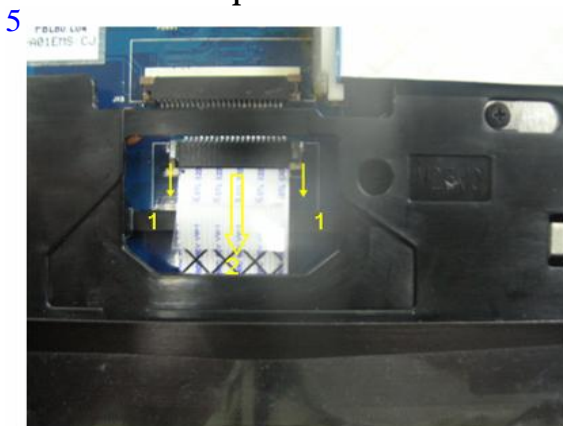
Remove screws on logic up



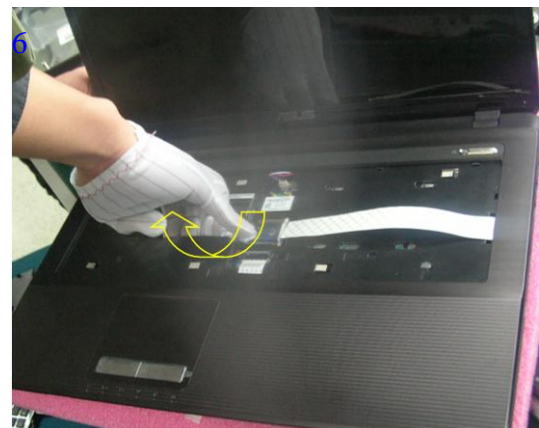
Disassemble the **speaker cable** follow order



Unplug the **USB cable** follow order



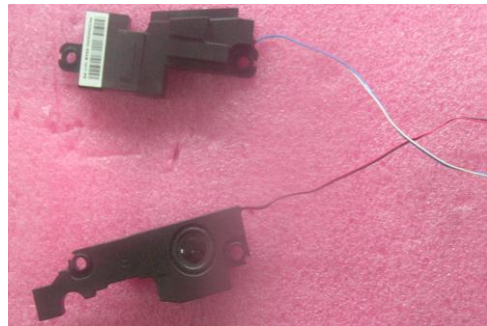
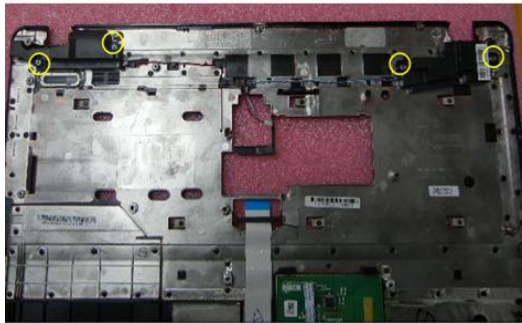
Unplug the **T/P cable** follow order



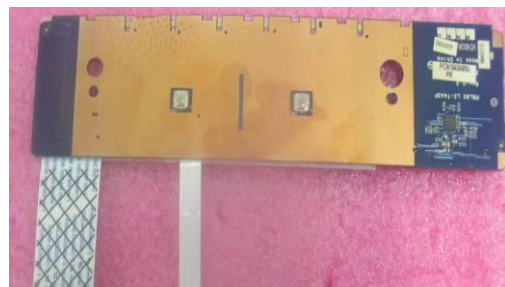
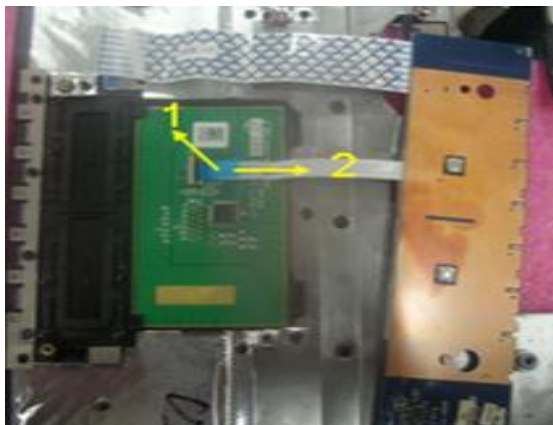
disassemble the logic up

**Disassemble the Top Case**

2. Remove 4 screws (M2\*3mm) disassemble speaker, and take it away



3. Remove 1 PCS screw (M2.0\*3mm)



[BACK](#)



## Motherboard Module

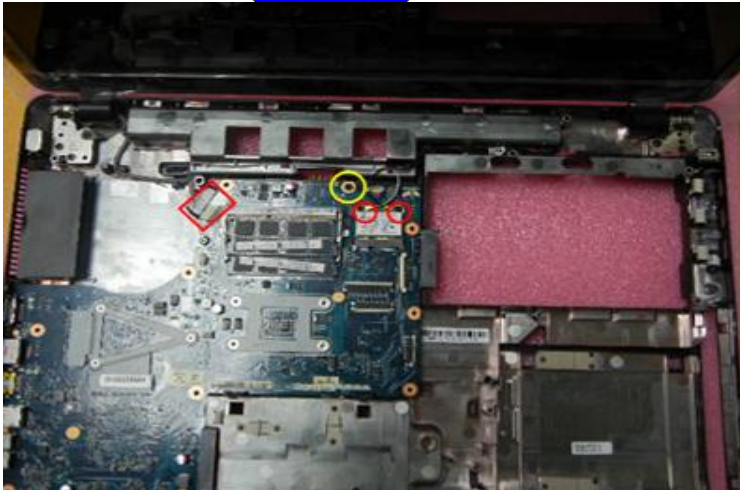
The illustrations below show how to remove the Motherboard Module from the notebook.

### Remove Motherboard Module

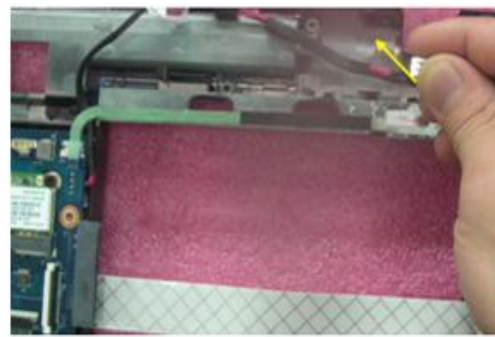
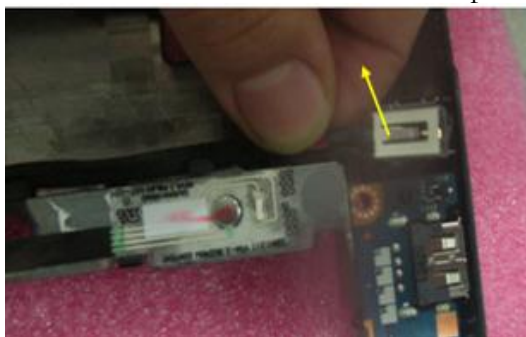
1. Remove 2 PCS screws (M2.0\*5mm), disassemble the Fan CONN, and take away the fan



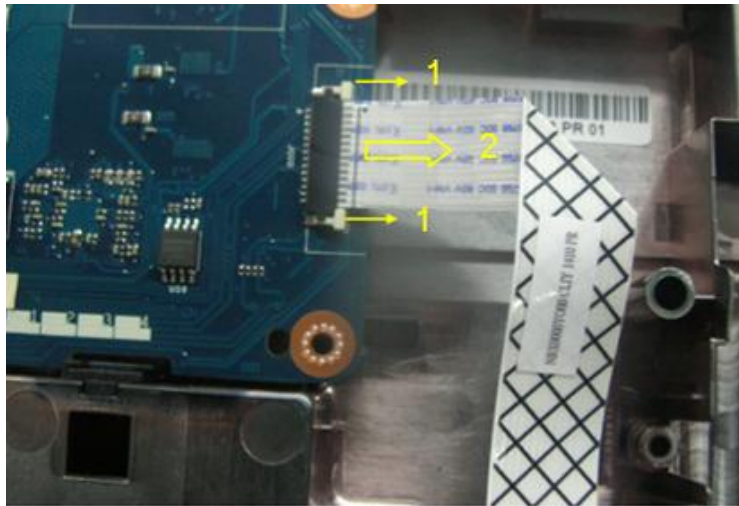
2. Remove 1 screw (M2.5\*5mm), disassemble LCD cable CONN, antenna CONN



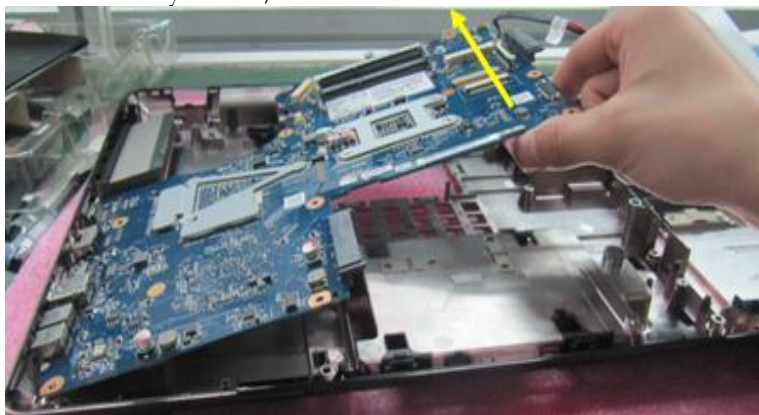
3. Disassemble D/C in cable as below picture shown method



4. Disassemble ODD board cable



5. Take away the M/B



**Disassemble the Motherboard**

6. Disassemble thermal module

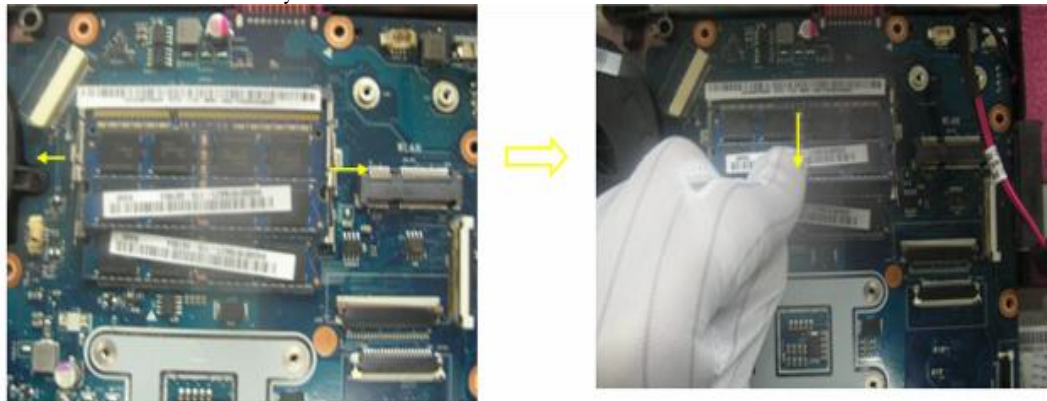
Remove 4 screws (M2.5\*6.2mm) 3screws (M2.5\*6.8mm) on thermal, then take it away



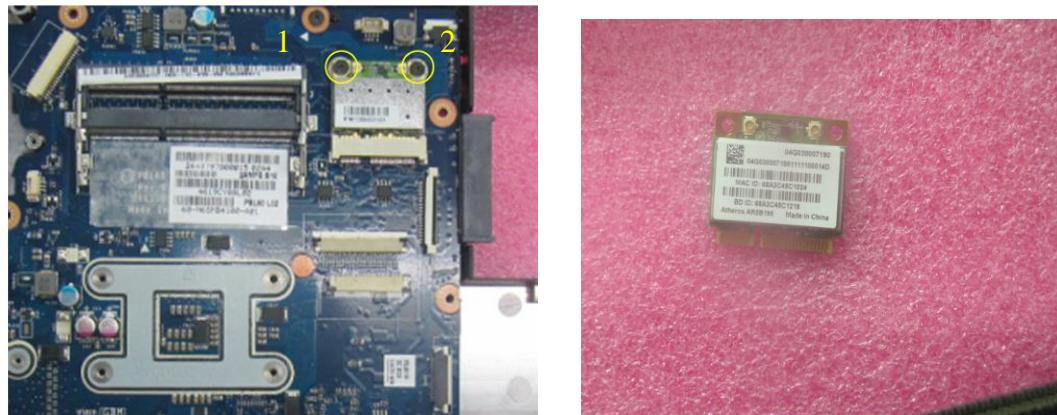
7. Disassemble the CPU Module. Open the screw as the below picture, and disassemble the CPU module



8. Disassemble the memory module  
Disassemble memory module as below method



9. Disassemble the Wireless\_LAN module  
Remove 2 screws (M 2.5\*5mm) and disassemble the wireless LAN module



[BACK](#)

## LCD Module

The illustrations below show how to remove the LCD Module from the notebook.

### Remove LCD Module

1. Remove 6 screws (M2.5\*5mm), disassemble LCD module, and take it away



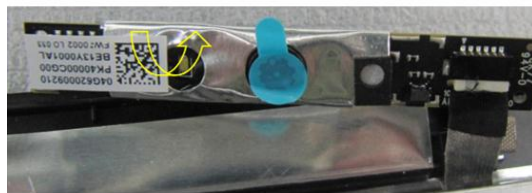
### Disassemble LCD module

2. Remove 2 screws (M2.5\*5mm), take LCD bezel away





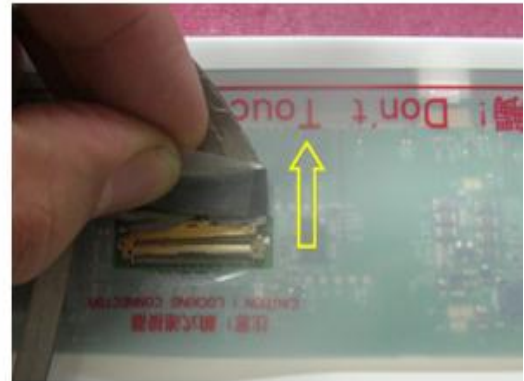
3. Disassemble Camera module



4. Remove 6 screws (M2.5\*5mm) and disassemble LCD panel



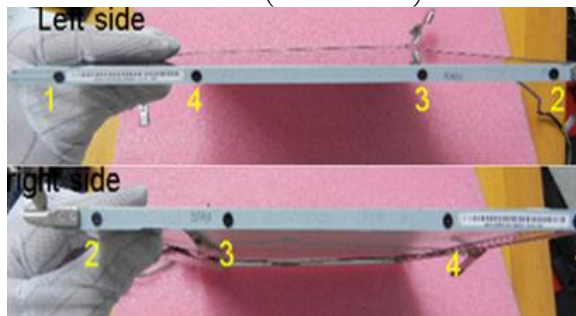
5. Disassemble LVDS Cable



LVDS cable

6. Disassemble LCD hinge

Remove 4 screws (M2.0\*3mm) both side follow order, take LCD hinge away



[BACK](#)

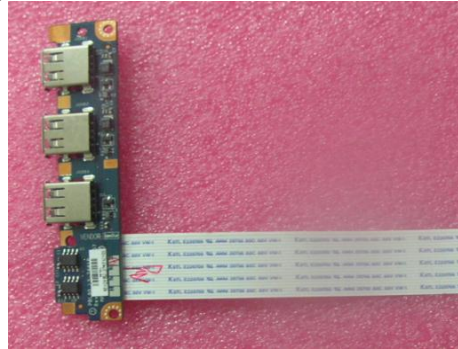
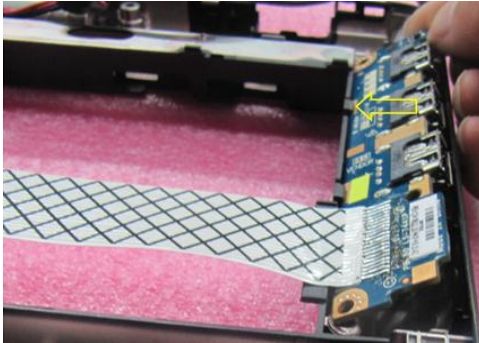
**BOTTOM CASE**

**Bottom Case Module**

The illustrations below show how to disassemble the Bottom Case.

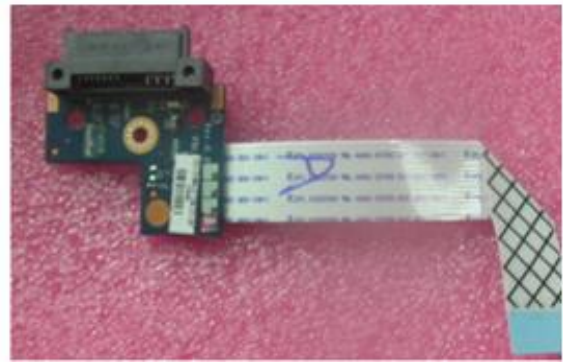
**Remove audio board**

1. Disassemble USB board follow below picture shown



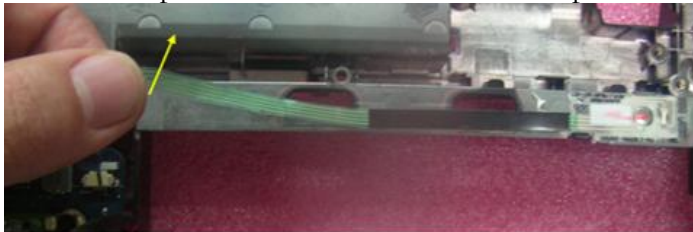
**Remove ODD board**

2. Remove 1 screw (M2.5\*5mm), and take away the ODD board



**Remove power button membrane**

3. Disassemble power button membrane as below picture shown



[\*\*BACK\*\*](#)