

## 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 A6Jc/Jm 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:

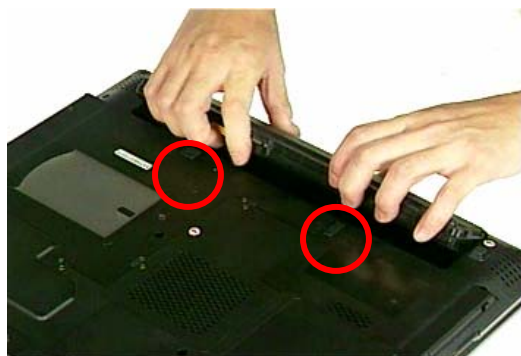
- Battery Module
- Memory Module
- Wireless LAN Module
- HDD Module
- ODD Module
- Keyboard
- LCD Module
- Top Case Module
- Main Board Module
- Modem Module
- CPU/Heat Sink Module

## BATTERY

### Battery Module

The illustration below shows how to remove the battery module.

1. Unlock and hold the latches, and remove the battery.



2. Slide the battery latch (No.1) to unlock and Firmly slide the other latch (No.2) to the top and remove the battery



## SECOND MEMORY MODULE

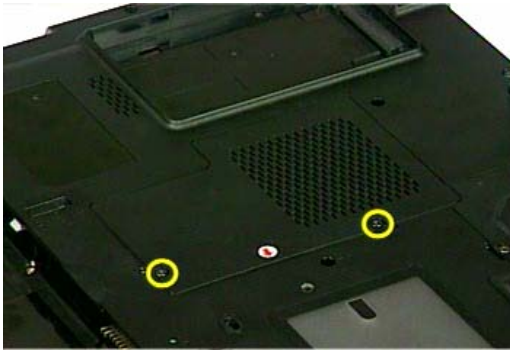
### Memory Module

*The A6Jc/Jm Notebook do not have onboard RAM. There are two SO-DIMM sockets for installing SO-DIMM RAM. It can upgrade the total memory size up to 2GB with a 1GB module on each socket.*

Removing Memory module

1. Remove 2 screws and remove DIMM door.

## MEMORY REMOVAL



2. Take the memory DIMM cover away as the picture shows.



## WIRELESS LAN MODULE REMOVAL

### Wireless Lan Module

The illustration below show show how to remove the Wireless LAN module

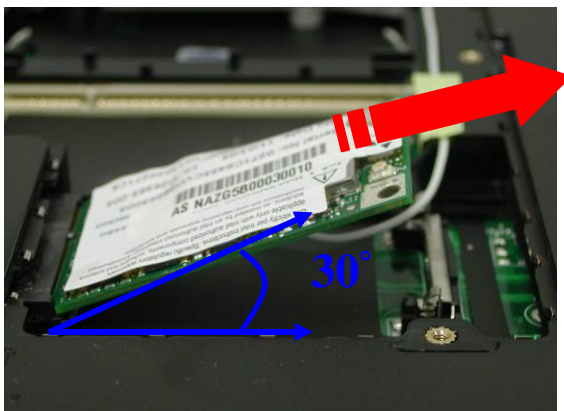
## WIRELESS LAN REMOVAL

Disassembling Wireless Lan board.

1. Remove 2 Antenna cables from Wireless LAN Module.



2. Take the Wireless Lan away as the picture shows.



## HDD MODULE

### HDD Module

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

#### HDD

#### Removing HDD Module

#### MODULE

1. Remove 1 screw and lift the HDD cover away.

#### REMOVAL



2. Remove the sponch and pull the hard disk module toward the direction of the arrow and lift it up and take it out.



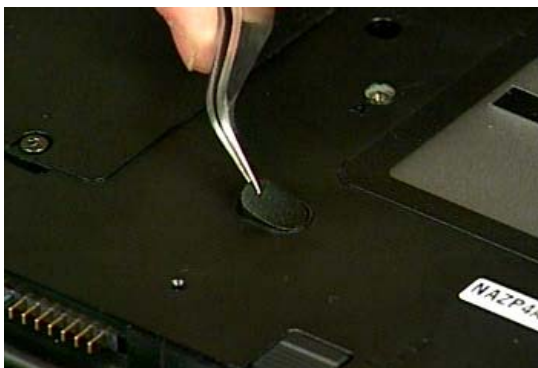
## OPTICAL DRIVE REMOVAL

### ODD Module

1. Remove 2 screws.

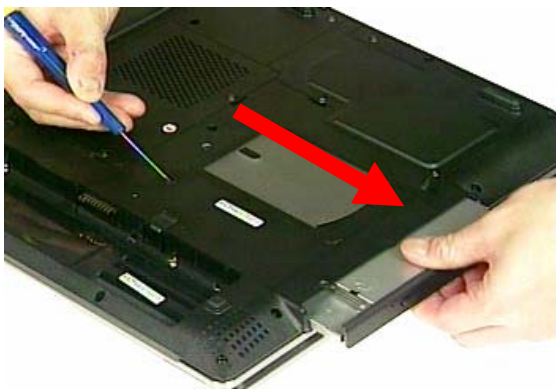


2. Remove the Mylar.





3. Push the metal plate with a screw driver and pull the ODD out.



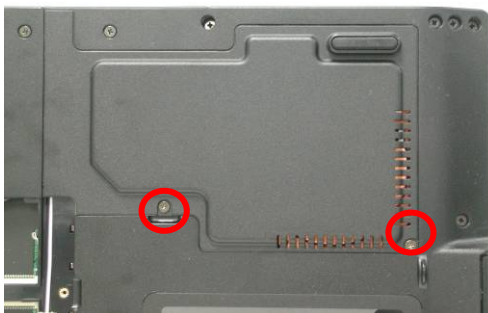
## CPU MODULE REMOVAL

### CPU Module

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

#### Removing CPU

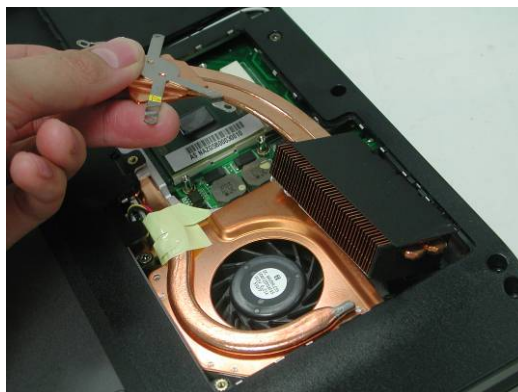
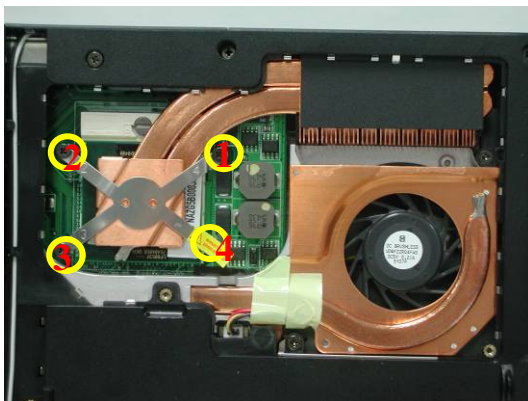
1. Remove 2 screws.



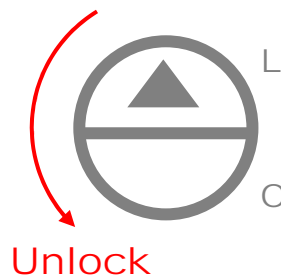
2. Remove the mylar.



- Remove 4 screws aside the CPU. And take away the thermal module.



- Turn the non-removable screw here 180 degrees counter-clockwise to loosen the CPU.



## LCD

### MODULE

## LCD Module

The illustrations below show how to disassemble the LCD module. The module contains LCD panel, Inverter board, LCD Hinge bracket, Hinge cover, LCD front cover, LCD back cover.

## LCD

### DISASSEMBLY

## Disassembling LCD Module

- Remove 3 screws on both side.



2. Remove both hinge covers

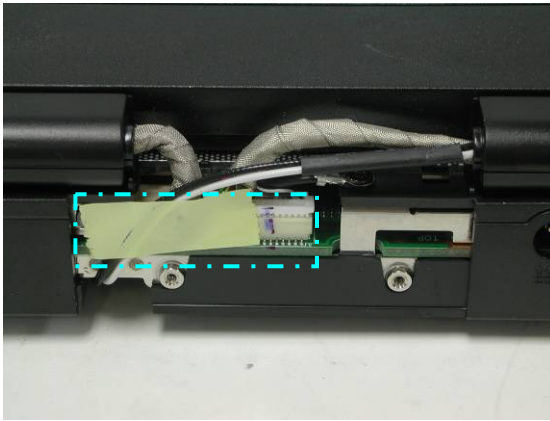


3. Remove 2 screws on the harness cover and take it away.

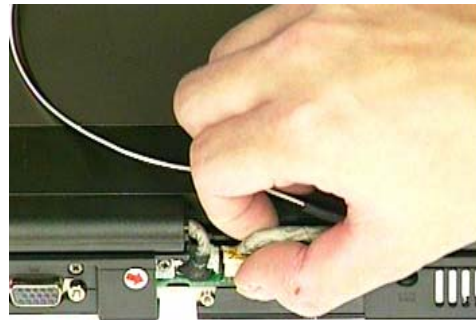


4. Remove 1 piece of tape.

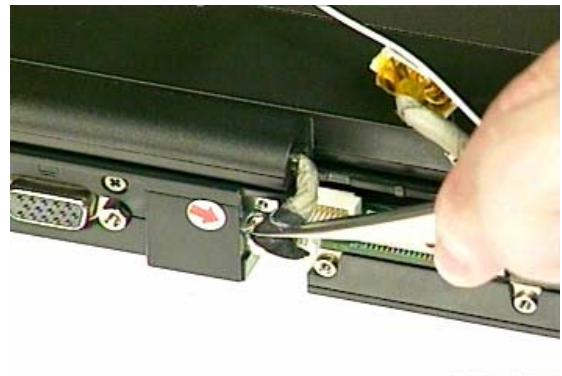
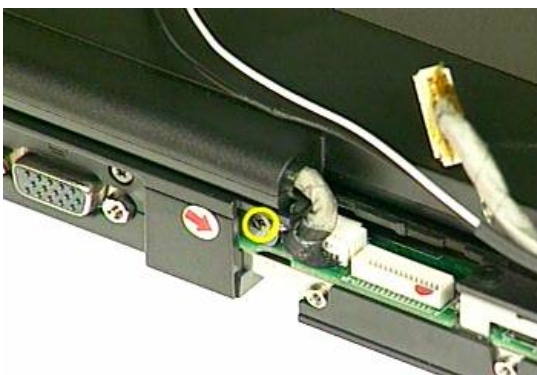




5. Remove 1 screw and disconnect the connector.



6. Remove 1 screw and disconnect the connector.



7. Remove 2 screws on both ends.



8. Remove the LCD module from system.



## LCD DISASSEMBLY

### Disassembling LCD Module

1. Remove 5 rubber pads and 5 screws(M2.5 x 8L) from LCD module.

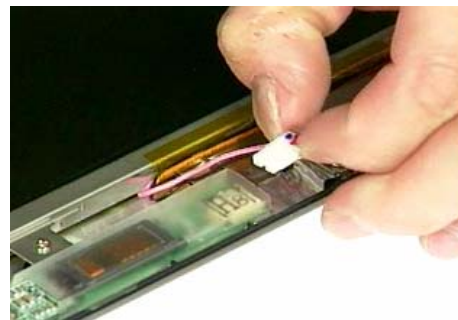


2. Prying the inside edges of the bezel, then separate it from LCD back cover and take LCD front bezel away.

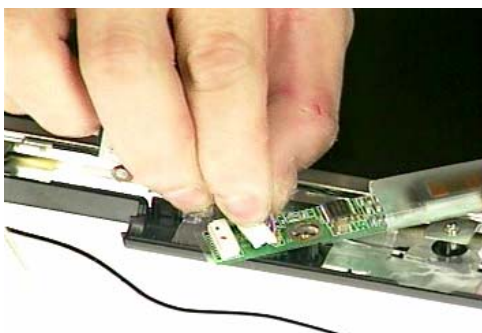


### Disassembling inverter board

3. Remove 1 tape and disconnect LED cable.



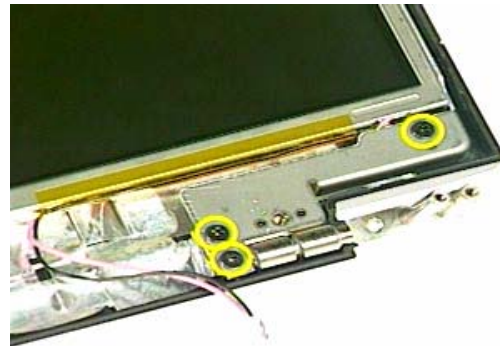
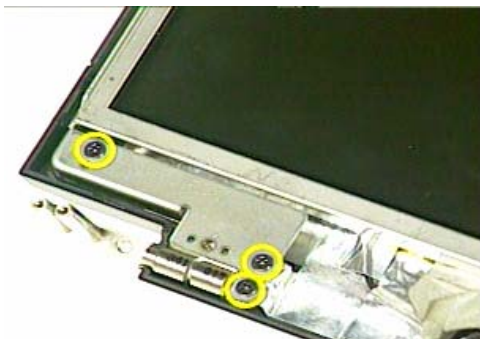
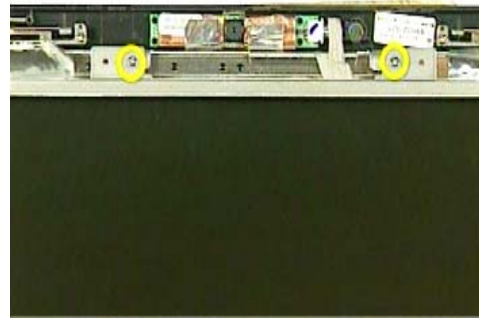
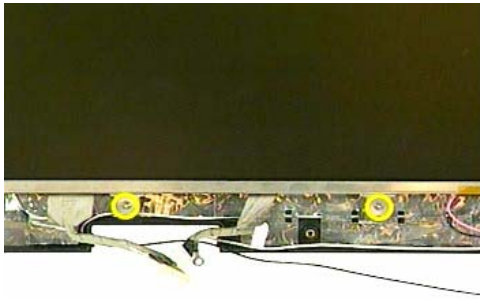
4. Disconnect inverter cable and take away the inverter board.



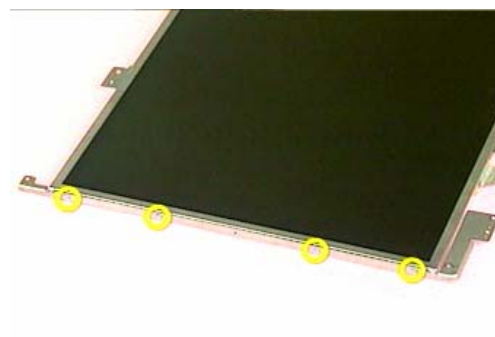
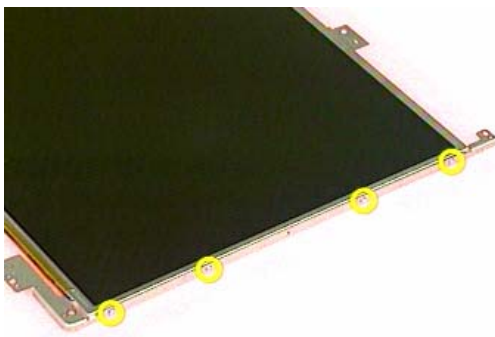
### Disassembling LCD panel

1. Remove 10 screws and take away the LCD panel.

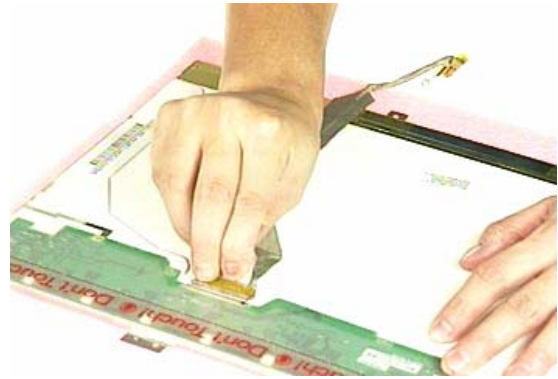
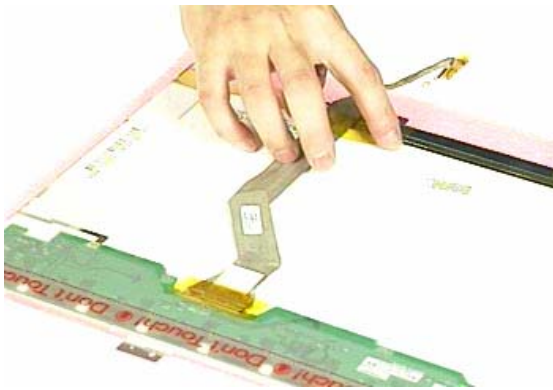




2. Finally, Remove 4 screws on the right LCD bracket, and 4 screws on the left side to disassemble LCD brackets.



3. Remove one tape and disconnect the coaxial cable.

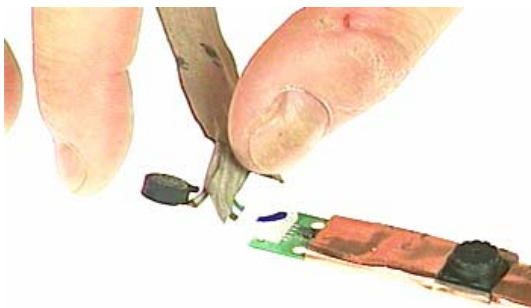


## Disassembling speaker

1. Tear of the tape and disconnect the cable from Video Camera module.

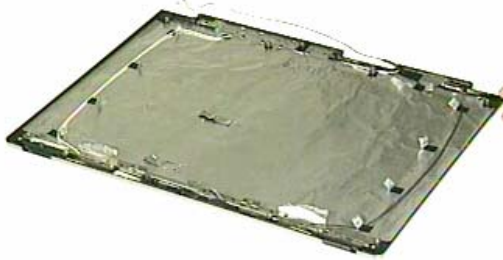


2. Disconnect the cable.

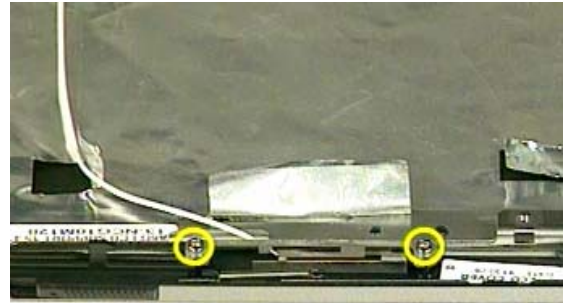
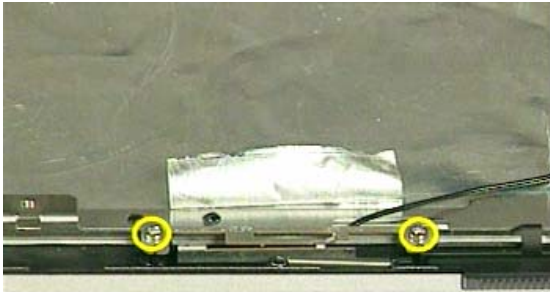


3. Remove all tapes.

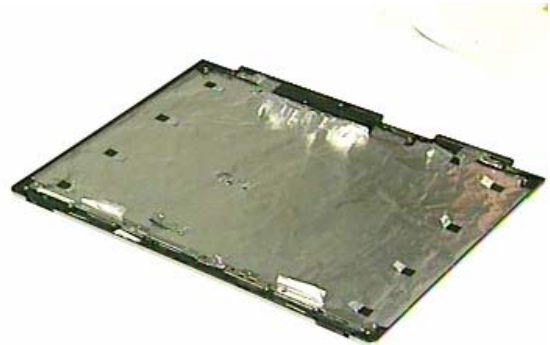




4. Remove 4 screws and take away the both cable.



5. Take away the both cable.



## KEYBOARD DISASSEMBLY

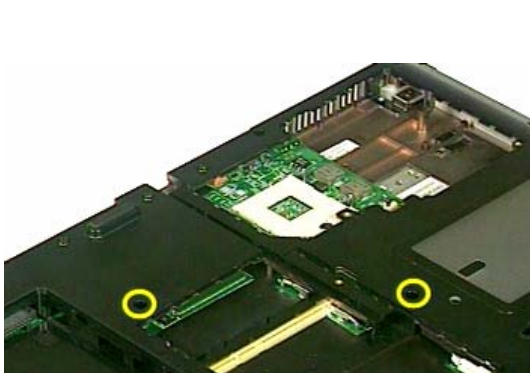
### Keyboard Module

*The illustration of below shows how to remove the keyboard*

## K/B COVER REMOVAL

### Removing Keyboard Cover

1. Remove 2 screws and Unlock 3 keyboard latches.



2. Disconnect the cable and take away the keyboard



## MAIN BOARD DISASSEMBLY

### Main Board Module

*The illustrations below show how to disassemble and remove the Main Board module of the notebook.*

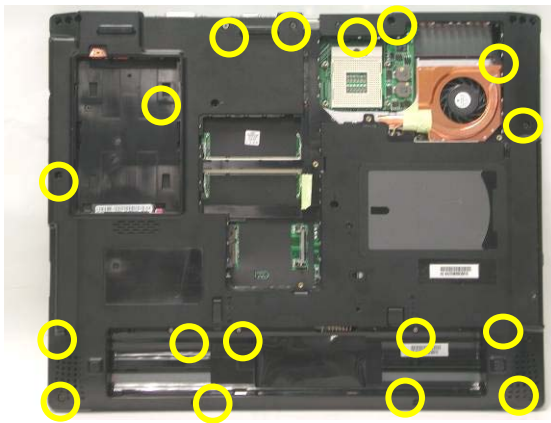
## TOP CASE REMOVAL

### Removing Top Case

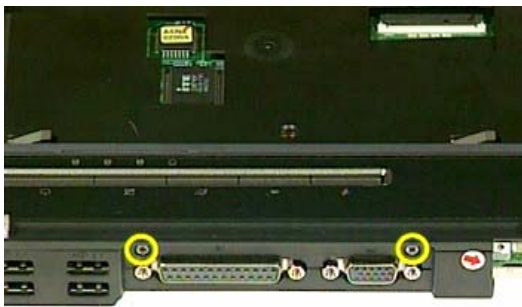
1. Disconnect the Touchpad cable.



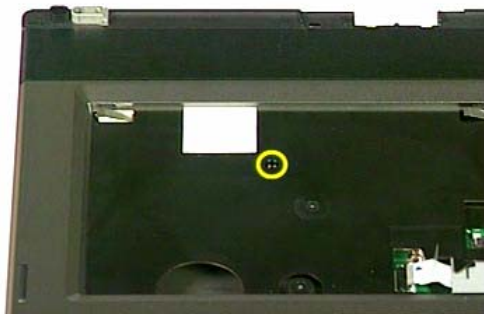
2. Turn over the NB and remove all screws on bottom case.



3. Remove 2 screws here.



4. Remove 1 screw on Top case.



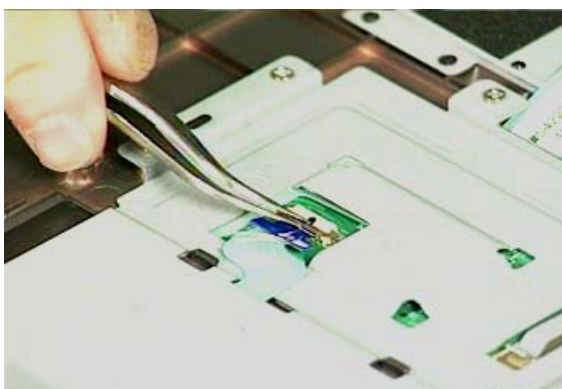
5. Separate the Top Case and Bottom case.



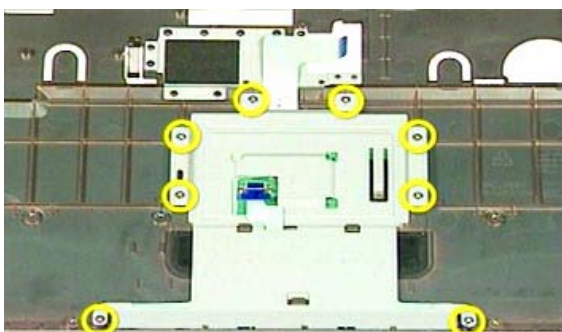
## TOUCHPAD REMOVAL

### Removing Touchpad bracket

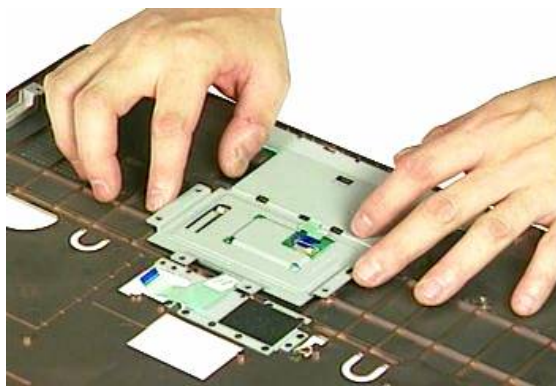
1. Disconnect the Touchpad cable.



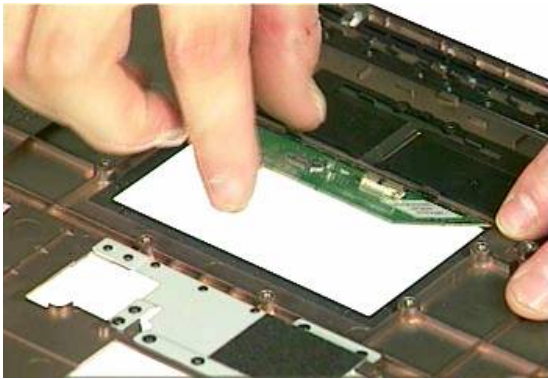
2. Remove All screws and take away the bracket



3. Take away the Touchpad.







### BT MODULE REMOVAL

#### Disassembling Bluetooth Module

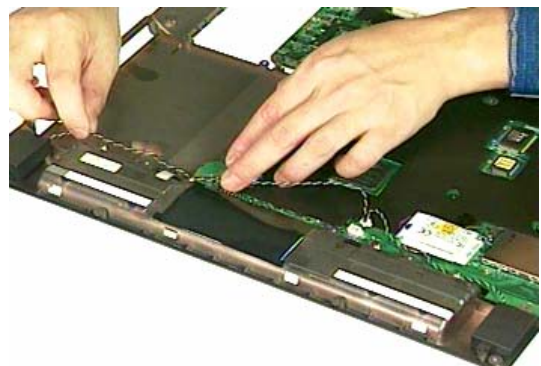
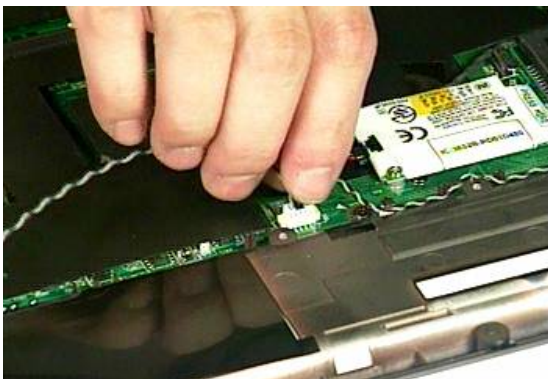
1. Tear off 1 piece of tape and disconnect the Bluetooth cable then take it away.



### SPEAKER MODULE REMOVAL

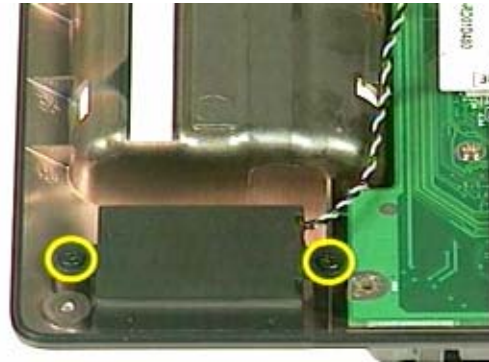
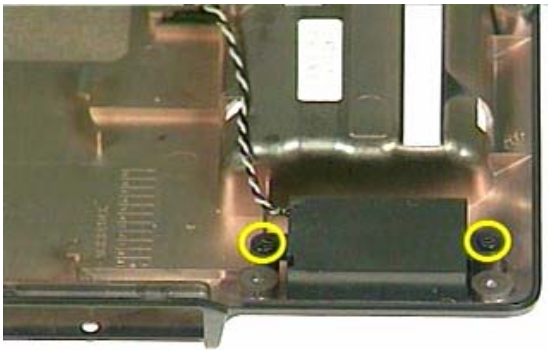
#### Disassembling Speaker Module

2. Disconnect the speaker cable.



3. Remove right side and left side 2 screws then take away the both speaker.

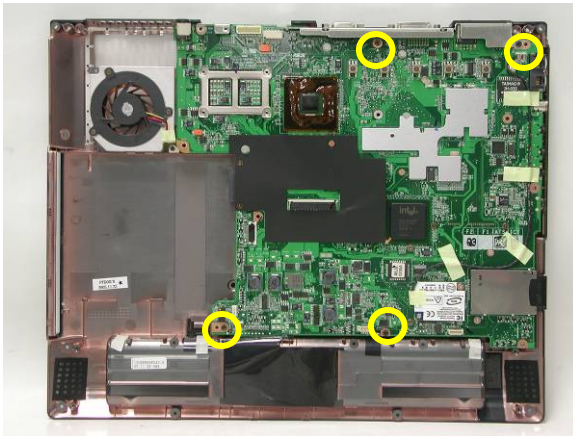




## MAIN BOARD REMOVAL

### Removing Main Board

1. Remove 4 screws on the M/B and remove the M/B from the bottom case.



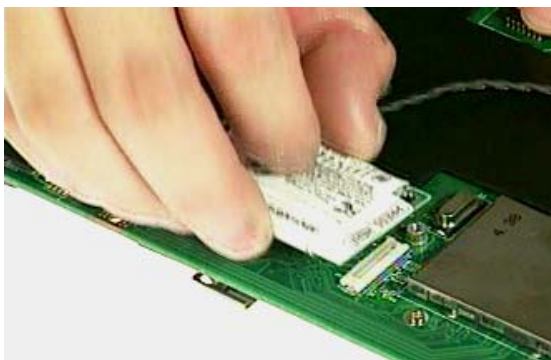
## MODEM BOARD REMOVAL

### Removing Modem board

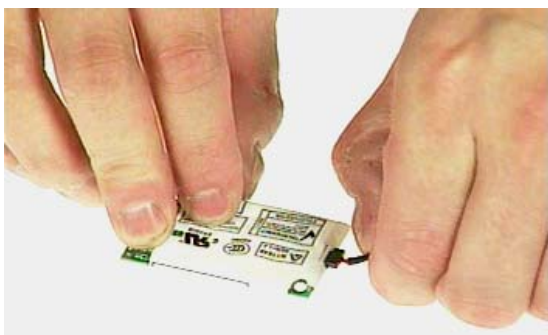
1. Remove 2 screws and disconnect the cable.



2. Take away the modem board.



3. Disconnect the cable.




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### HEAT SINK MODULE REMOVAL

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## Heat Sink Module

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

### Removing Heat sink

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### HEAT SINK REMOVAL

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5. Disconnect the cable and remove 4 screws on CPU fan and take away the Fan.

