FIELD REPLACEABLE UNIT DOCUMENTATION

9000 Series

GENERAL INFORMATION



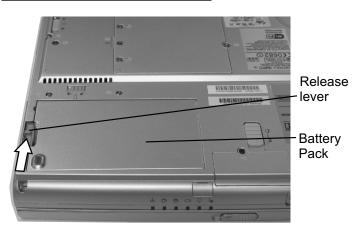
Before attempting any of the following procedures, make sure that the main battery and AC adaptor is not connected to the unit and the environment in which you are working on is protected from Electro-Static Discharge(ESD).







BATTERY PACK REMOVAL



- 1. Turn the computer upside down as shown.
- 2. Slide the **battery release lever** in the direction of the arrow.
- 3. Lift out the battery.

Release lever

arrow.

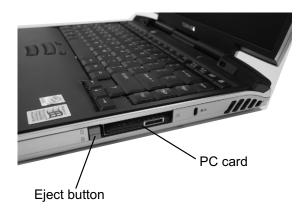
SELECT BAY REMOVAL

1. Turn the computer upside down.

2. Slide the **release lever** in the direction of the arrow.

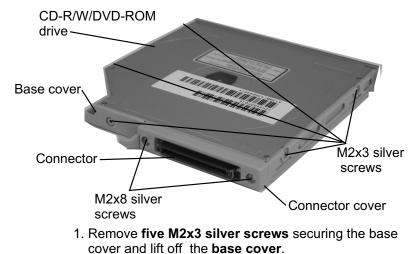
3. Pull out the select bay device in the direction of the

OPTIONAL PC CARD REMOVAL



- 1. Press the **eject button** for the PC card you want to remove.
- 2. Press the extended **eject button** to pop the PC Card out.
- 3. Grasp the PC card and remove it.
- **NOTE**: Before removing any PC Card device, make sure it is "STOPPED" in the PC Card manager.

CD-R/W/DVD-ROM DRIVE DISASSEMBLY



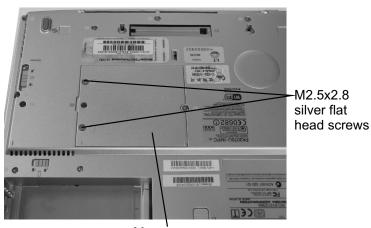
- Remove two M2x8 silver screws securing the connector cover.
- 3. Remove the **connector** and the **connector cover** from the CD- R/W/DVD-ROMdrive.

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Select bay

device

MEMORY MODULE REMOVAL



Memory cover

- 1. Turn the computer upside down.
- 2. Remove two M2.5x2.8 silver flat head screws and remove the memory cover.



Memory clips

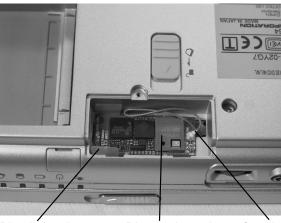
 Spread the memory clips outward and pull the memory module out of the connector on a 45 degree angle.



Bluetooth cover

M2x4 black security torx screw

- 1. Remove one M2x4 black security torx screw securing the bluetooth cover.
- 2. Lift out the **bluetooth cover**.



Plastic insulator

Bluetooth card

- Coaxial cable
- 3. Disconnect the **coaxial cable** from the bluetooth card.
- 4. Lift up the plastic insulator to disconnect the card.



BLUETOOTH CARD REMOVAL

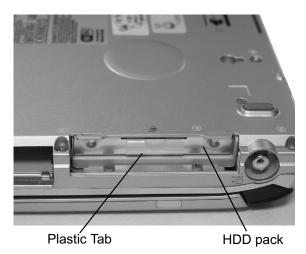
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HDD REMOVAL

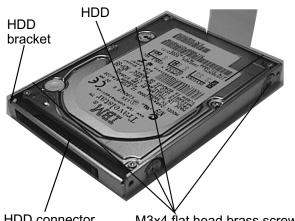


- 1. Turn the computer upside down.
- 2. Remove one M2.5x8 silver screw securing HDD cover.
- 3. Remove the HDD cover.

HDD REMOVAL



4. Unfold the plastic tab and pull to remove the HDD from the bay.



HDD connector

M3x4 flat head brass screws

- 5. Remove four M3x4 brass flat head screws securing the HDD to the bracket and lift the drive out of the bracket.
- 6. Unplug the HDD connector from the drive.

KEYBOARD REMOVAL



M2.5x16 silver screw

- 1. Turn the computer upside down.
- 2. Remove one M2.5x16 silver screw securing the keyboard on the bottom cover.



KEYBOARD REMOVAL



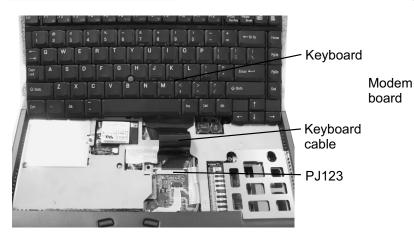
Keyboard holder

- 2. Turn the computer right side up and open the display panel.
- 3. Using the case separator, unlatch the keyboard holder at the top of the keyboard.



M2.5x2.8 silver screws

4. Remove **two M2.5x2.8 silver screws** securing the keyboard.



- 5. Lift out the **keyboard** and set it as shown above(Place an insulator between the keyboard and the LCD to prevent scratches on the LCD).
- 6. Disconnect the **keyboard cable** from **PJ123** on the system board.

MODEM BOARD REMOVAL



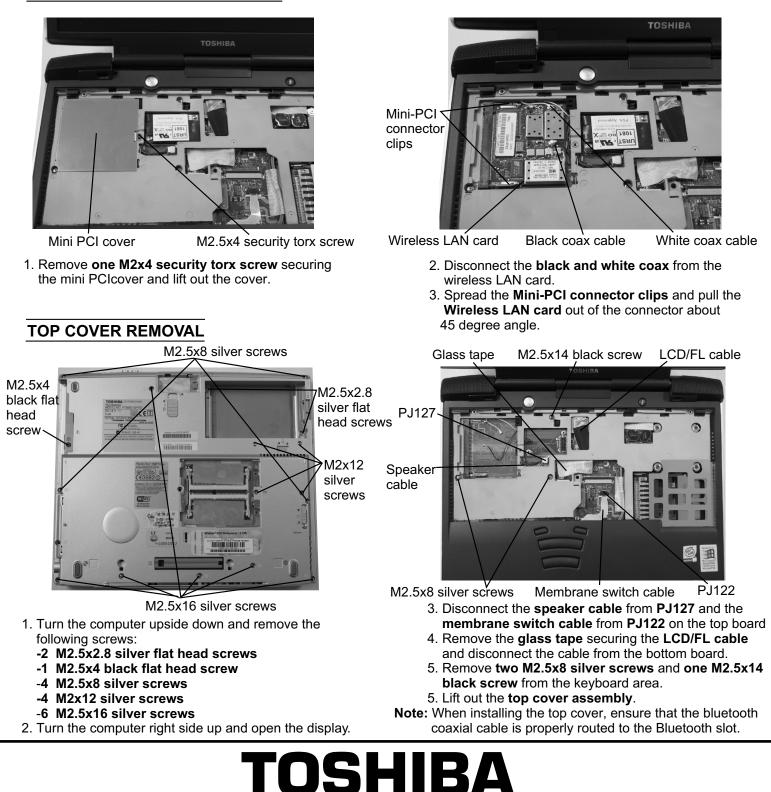
M2x4 brass screws

- 1. Remove **two M2x4 brass screws** securing the modem board.
- 2. Disconnect the **modem board** from PJ125 on the system board.



KEYBOARD REMOVAL

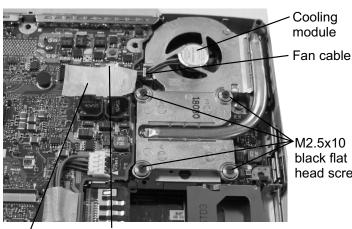
WIRELESS LAN CARD REMOVAL



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COOLING MODULE REMOVAL

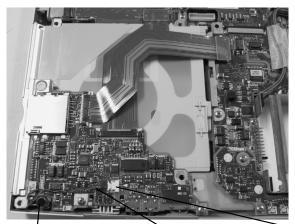


head screws

PJ770 Glass tape

- 1. Remove the glass tape securing the fan cable and disconnect the cable from PJ770 on the top board.
- 2. Remove four M2x10 black flat head screws securing the cooling module.
- 3. Lift out the cooling module.

MICROPHONE REMOVAL



Microphone

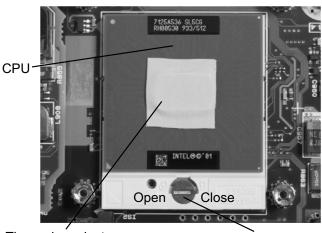
PJ1003

1. Disconnect the microphone cable from PJ1003 on the SD/Sound board.

Microphone cable

2. Lift out the microphone.

CPU REMOVAL

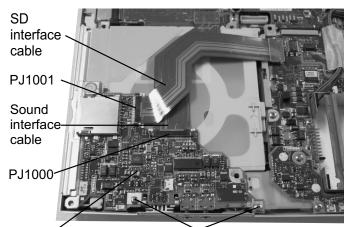


Thermal conductor

CPU lock

- 1. Peel off the thermal conductor. 2. Insert a flat head screwdriver and rotate it
- counter-clockwise to unlock the CPU lock.
- 3. Lift out the **CPU**.

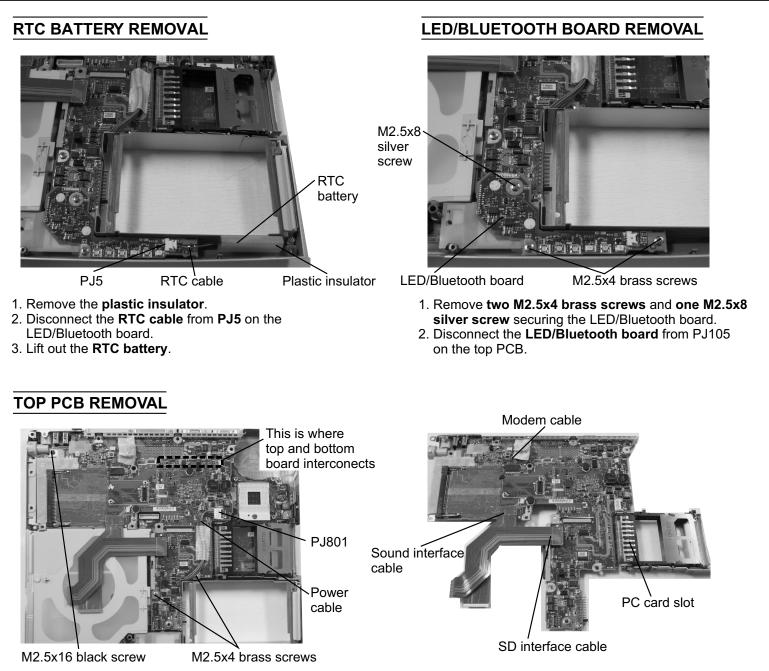
SD/SOUND BOARD REMOVAL



SD/Sound board M2.5x4 brass screws

- 1. Disconnect the SD interface cable from PJ1001 and sound interface cable from PJ1000 on the SD/sound board.
- 2. Remove two M2.5x4 brass screws securing the SD/Sound board.
- 3. Lift out the SD/Sound board.

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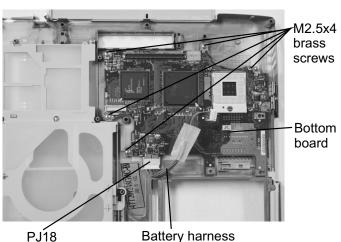


- 1. Disconnect the **power cable** from **PJ801** on the top PCB.
- Remove two M2.5x4 brass screws and one M2.5x16 black screw securing the top PCB.
- 3. Gently lift up the right side of the top board to disconnect from PJ19 on the top PCB.
- 4. Remove the **PC card slot** from PJ117 on the top PCB.
- 5. Disconnect the following cables from the top PCB: -Sound interface cable from PJ102 -SD interface cable from PJ103 -Modem cable from PJ126



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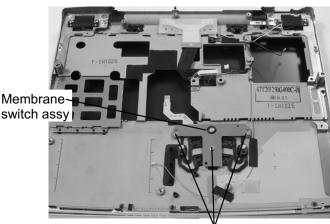
BOTTOM PCB REMOVAL



Battery harness

- 1. Disconnect the battery harness from PJ18 on the bottom PCB.
- 2. Remove five M2.5x4 brass screws securing the bottom PCB.
- 3. Lift out the **bottom PCB**.

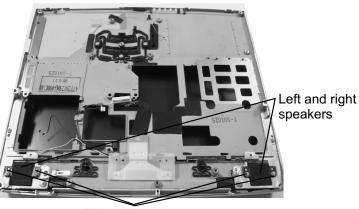
MEMBRANE SWITCH REMOVAL



M2.5x3 silver screws

- 1. Remove three M2.5x3 flat head silver screws securing the membrane switch.
- 2. Lift out the membrane switch assembly.

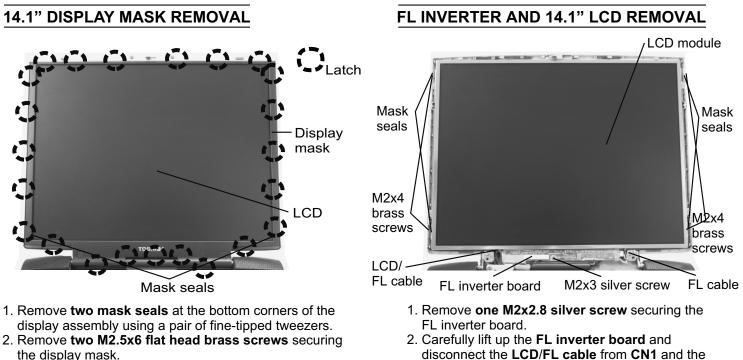
SPEAKERS REMOVAL



M2.5x4 brass screws

- 1. Remove four M2.5x4 brass screws securing the left and right speakers.
- 2. Lift out the speakers.





- There are 23 latches securing the display mask. Carefully insert your fingers between the mask and the LCD panel and pry open the latches starting from the six top latches, to the five latches on each right and left sides, ending with the bottom seven latches.
- FL cable from CN2.3. Remove four mask seals to expose four screws securing the LCD module assembly.
- 4. Remove four M2X2.8 brass screws securing the LCD module assembly.
- 5. Carefully rotate out the top of the **LCD module** enough to access the display cable
- 6. Peel off the tape securing the LCD/FL cable and disconnect the cable.
- 7. Remove **four M2x2.8 silver screws** securing the right and left LCD brackets.

