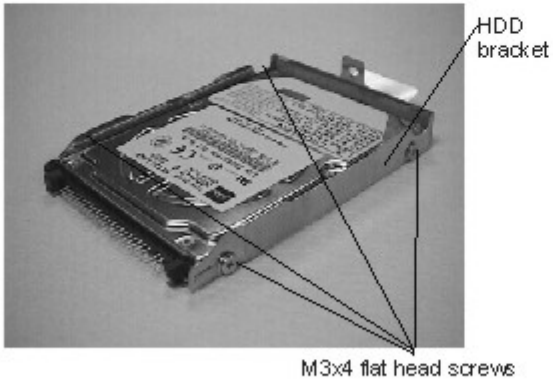
FIELD REPLACEABLE UNIT DOCUMENTATION

Satellite™

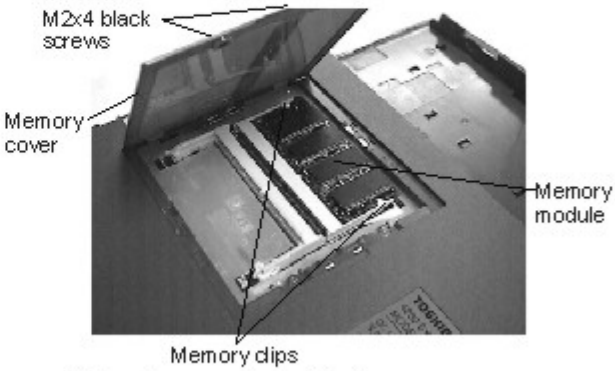
4200/4300 Series

HDD REMOVAL



6. Remove **four M3x4 flat head screws** securing the **HDD bracket** to the drive.

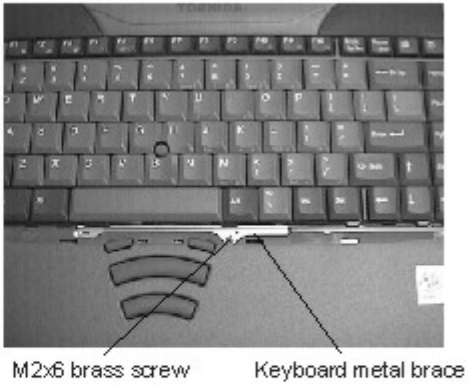
EXPANSION MEMORY REMOVAL



1. Turn the computer upside down.
2. Remove **two M2x4 black screws** and remove the **memory cover**.
3. Push the **memory clips** outward and pull the **memory module** out of the connector on a 30 degree angle.

KEYBOARD REMOVAL

1. Open the display panel.
2. Remove the **Keyboard holder** at the base of the keyboard.



3. Remove **one M2x4 brass screw** and lift out the **keyboard metal brace**.

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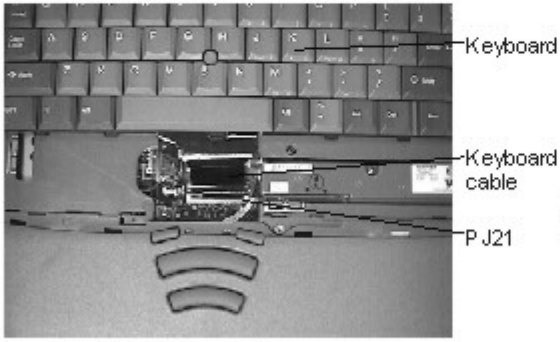
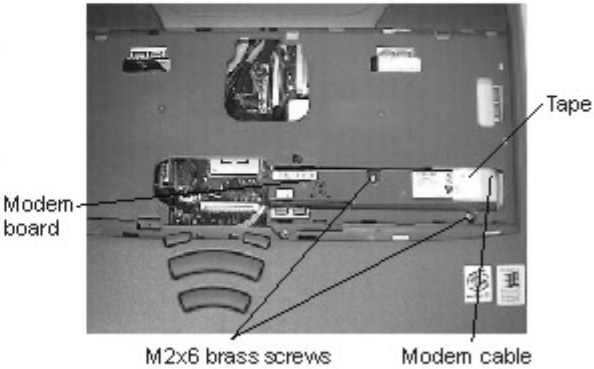
KEYBOARD REMOVAL



4. Lift out the **keyboard** and disconnect the **keyboard cable** from **PJ21** on the system board.

MODEM REMOVAL

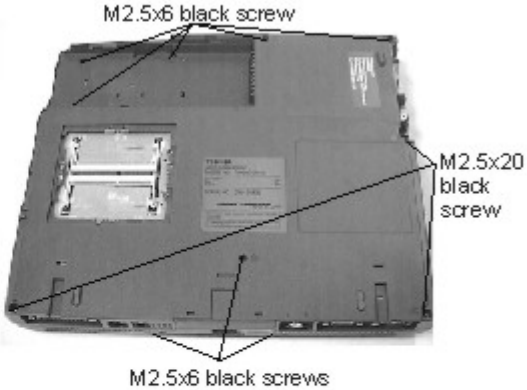


1. Remove **two M2x6 brass screws** securing the modem board.
2. Lift up the let side of the **modem board** and remove it from the system board.
3. Remove the **tape** and disconnect the **modem cable** from P J2 on the modem board .

MODEM REMOVAL

4. Remove **RJ11 modem jack**.

TOP COVER REMOVAL



1. Turn the computer upside down and remove the following eleven screws:
   - **3 M2.5x20 black screws**
   - **8 M2.5x6 black screws**

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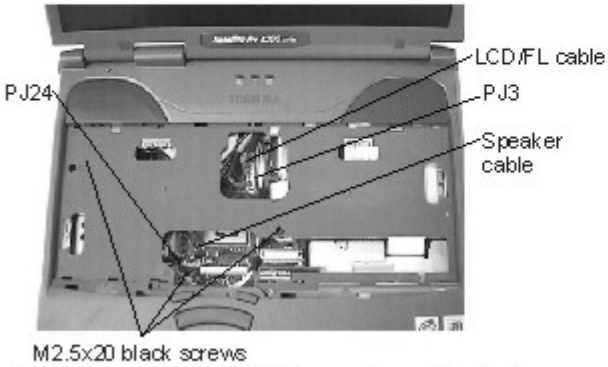
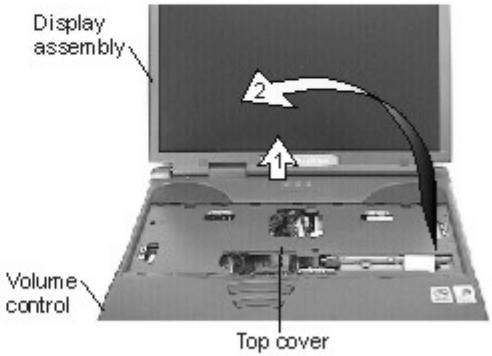
TOP COVER REMOVAL

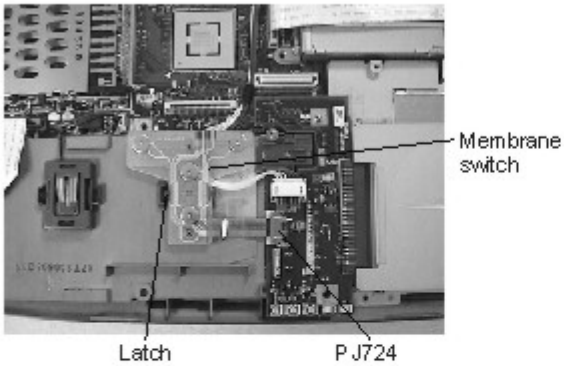


2. Turn the computer right side up and open the display panel.
3. Disconnect the following two cables:
   - **LCD/FL cable** from **PJ3**
   - **Speaker cable** from **PJ24**
4. Remove **three M2.5x20 black screws** securing the top cover.



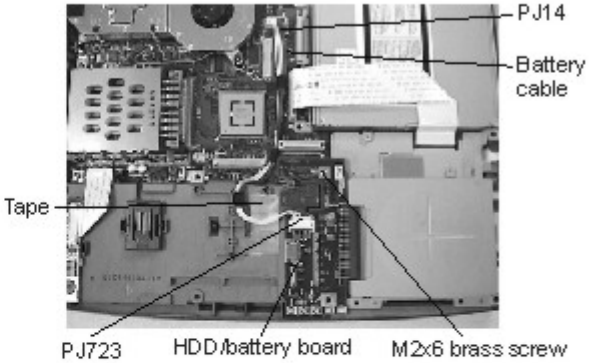
5. Lift up the back and right side of the **top cover** about 1 cm (arrow1)to release the front latches.
6. Push to the left (arrow2) to clear the **volume control** dial and remove the top cover assembly.

MEMBRANE SWITCH REMOVAL



1. Disconnect the **membrane switch cable** from **PJ724** on the HDD/battery board.
2. Release the **latch** securing the membrane switch.
3. Lift out the **membrane switch**.

HDD AND BATTERY BOARD REMOVAL



1. Remove **tape** securing the battery cable.
2. Disconnect the **battery cable** from **PJ723** on the HDD/battery board and from **PJ14** on the system board.
3. Remove **one M2.5x6 brass screw** securing the HDD/battery board.
4. Lift out the **HDD/battery board**.

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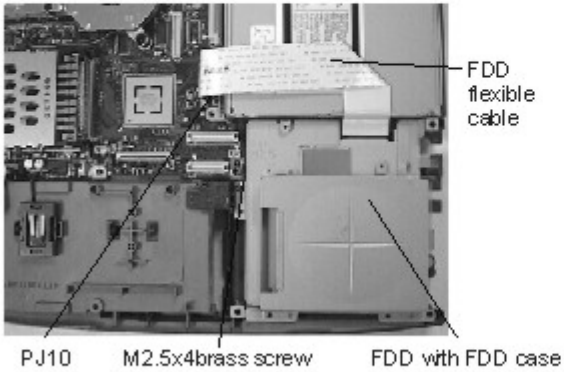
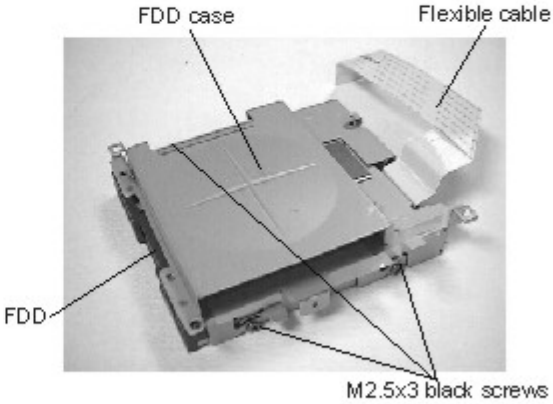
FDD REMOVAL

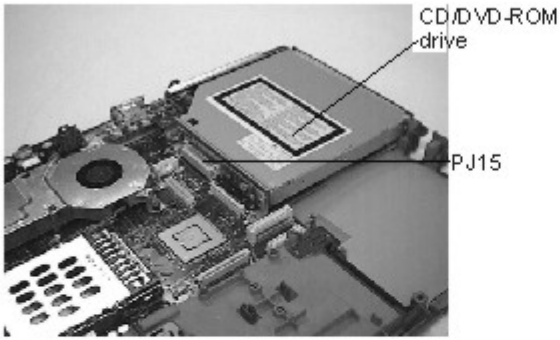


1. Disconnect the **FDD flexible cable** from **PJ10** on the system board.
2. Remove **one M2.5x4 brass screw** securing the FDD.
3. Lift out the **FDD** with the **FDD case**.

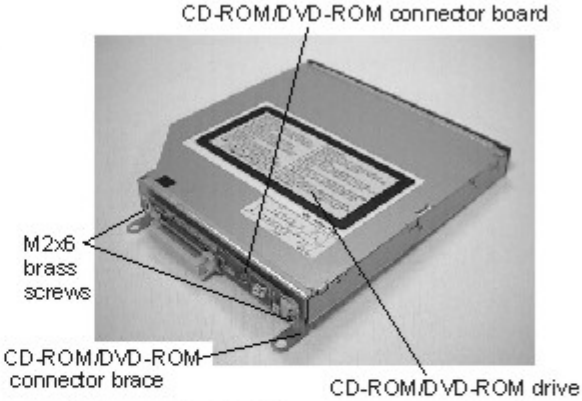


4. Remove **three M2.5x3 black screws** securing the **FDD** to the **FDD case** and separate the FDD from the case.
5. Disconnect the **flexible cable** from the FDD.

CD-ROM/DVD ROM DRIVE REMOVAL



1. Lift up the **CD/DVD-ROM drive** to disconnect from **PJ15** on the system board..



2. Remove **two M2x6 brass screws** securing the CD-ROM/DVD-ROM connector board.
3. Separate the **CD-ROM/DVD-ROM connector board** and the **CD-ROM/DVD-ROM connector brace** from the **CD-ROM/DVD-ROM drive**.

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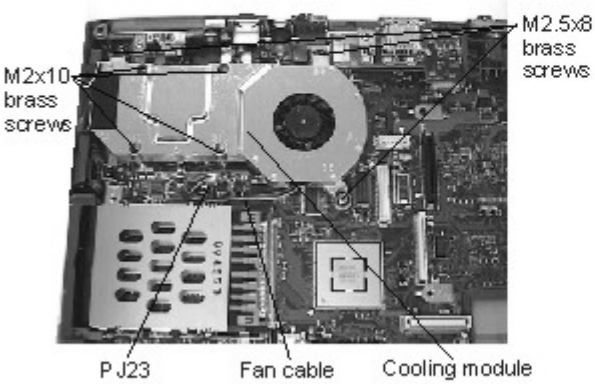
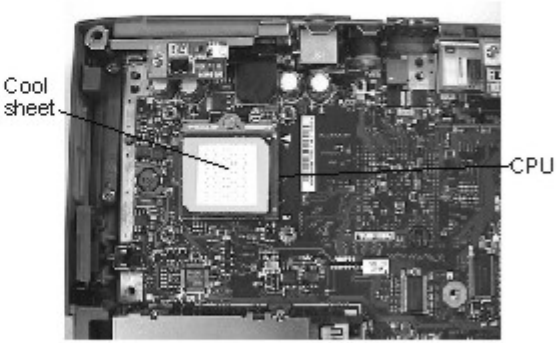
COOLING MODULE REMOVAL



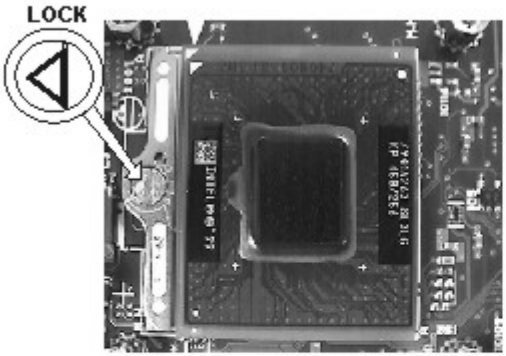
1. Disconnect the **fan cable** from **PJ23** on the system board.
2. Remove **three M2.5x8 brass screws** and **four M2x10 brass screws** securing the cooling module to the system board.
3. Lift out the **cooling module**.

CPU BOARD REMOVAL



1. Remove the cool sheet on top of the CPU.

CPU BOARD REMOVAL



2. Rotate the CPU lock 180 degree clockwise, to the **OPEN** position, and lift the CPU out of the socket.

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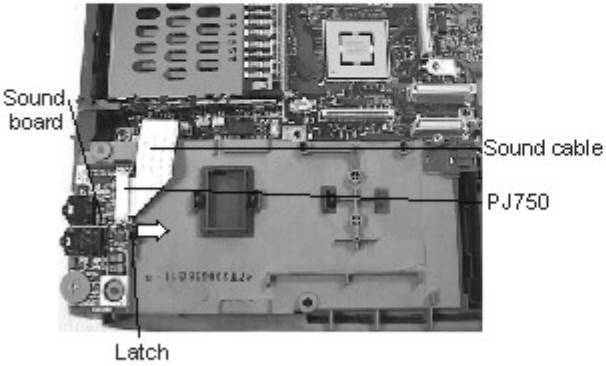
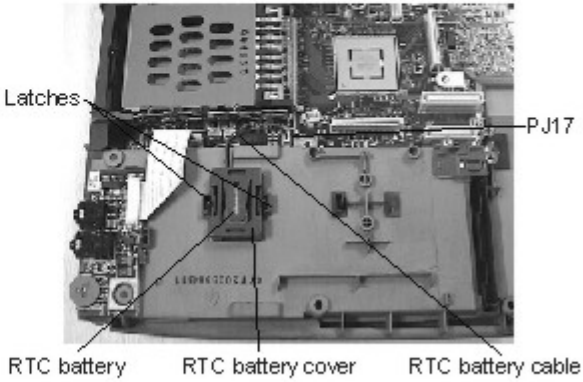
SOUND BOARD REMOVAL



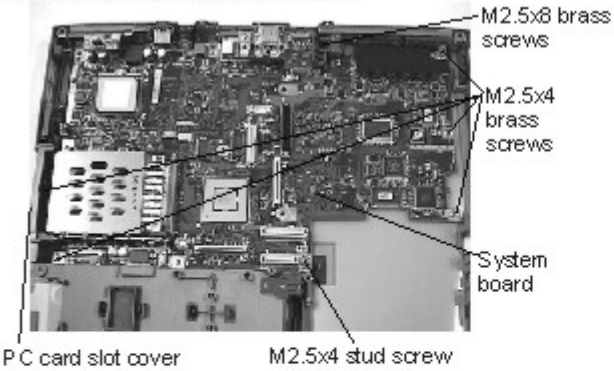
1. Disconnect the **sound cable** from **PJ750** on the sound board.
2. Release the **latch** securing the sound board.
3. Lift out the **sound board**.

RTC REMOVAL



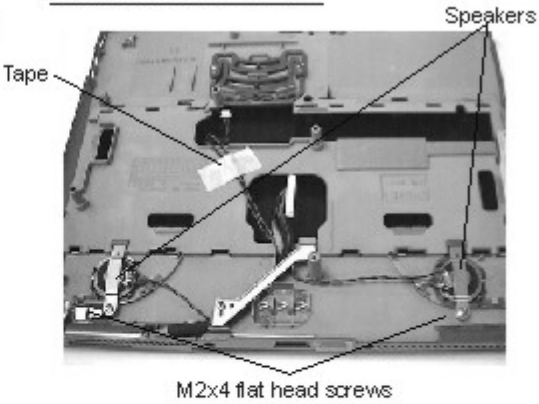
1. Spread the **latches** securing the RTC battery cover, lift off the cover.
2. Disconnect the **RTC battery cable** from **PJ17** on the system board.
3. Lift the **RTC battery** out of the slot.

SYSTEM BOARD REMOVAL



1. Remove the following seven screws securing the system board and PC card slot cover:
   - **1 M2.5x4 stud screw**
   - **5 M2.5x4 brass screws**
   - **1 M2.5x8 brass screw**
2. Lift out the **system board** from the base assembly.
3. Remove the **PC card slot cover**.

SPEAKERS REMOVAL



1. Remove **two M2x4 flat head screws** securing each speaker.
2. Remove the **tape** securing the speaker cables and lift out the **speakers**.

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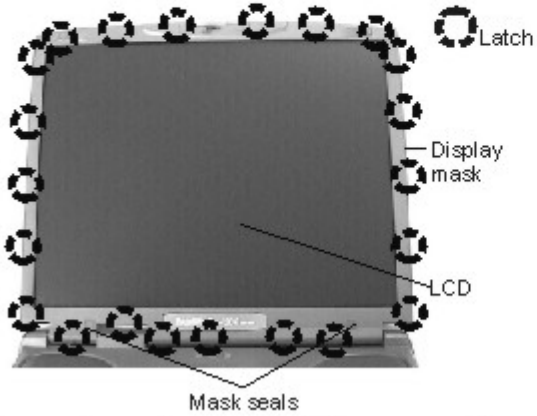
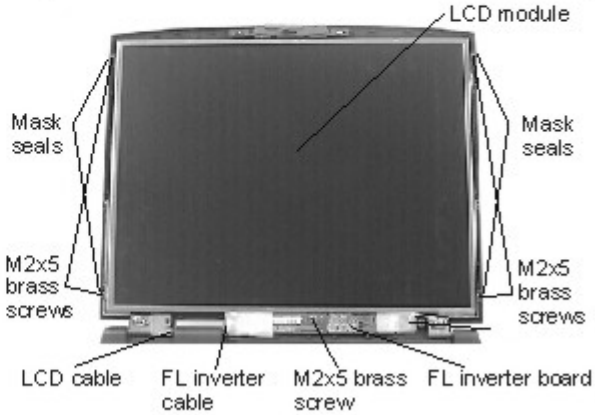
14.1 TFT DISPLAY MASK REMOVAL



1. Remove **two mask seals** at the bottom corners of the display assembly.
2. Remove **two M2.5x6 brass screws**.
3. There are **22 latches** securing the **display mask**. Carefully insert your fingers between the **display mask** and the **LCD module** and pry open the latches starting from the **top six latches**, to the **five latches on the right and left sides**, ending with the **six bottom latches**.

FL INVERTER AND 14.1 TFT LCD REMOVAL



1. Remove **one M2x5 brass screw** securing FL inverter board.
2. Carefully lift up the **FL inverter board** and disconnect the **FL inverter cable** from **CN1** and the **HV cable** from **CN2**.
3. Remove **four mask seals** to expose four screws securing the **LCD module**.
4. Remove **four M2X5 brass screws** securing the **LCD module**.
5. Carefully rotate the **LCD module** from right to left of the LCD cover.
6. Disconnect the **LCD cable** from the LCD module and remove the **LCD** from the computer.