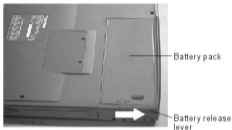


FIELD REPLACEABLE UNIT DOCUMENTATION

Satellite™

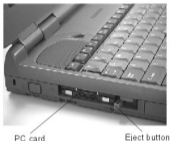
2590CDT

BATTERY PACK REMOVAL



1. Turn the computer upside down as shown.
2. Slide the **battery release lever** in the direction of the arrow.
3. Pull the **battery pack** slightly forward and lift it out.

OPTIONAL PCMCIA CARD REMOVAL



1. Pull out the **eject button** of the **PC card** to be removed.
2. Press the **eject button** and remove the **PC card**.

KEYBOARD REMOVAL



Keyboard holder

1. Open the display panel.
2. Unlatch the **Keyboard holder** at the five points and remove it.

KEYBOARD REMOVAL



Keyboard metal brace M2x4 brass screw

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

TOSHIBA

Tough Enough for Today's World.

FIELD REPLACEABLE UNIT DOCUMENTATION

Satellite™

2590CDT

KEYBOARD REMOVAL

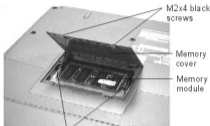


Keyboard top cover
PJ11
Keyboard cable
Keyboard

M2.5x4 black screw

1. Lift out the **Keyboard** and lay it on the palm rest cover. Be careful not to apply pressure on the **keyboard cable**.
2. Remove **one M2.5x4 black screw** and lift out the **keyboard top cover** between the speakers.
3. Disconnect the **keyboard cable** from **PJ11** on the system board and remove the **keyboard**.

EXPANSION MEMORY REMOVAL



Memory clips

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 45 degree angle.

HDD REMOVAL



HDD slot cover

M2.5x6 black screw

1. Turn the computer upside down.
2. Remove **one M2.5x6 black screw** securing **HDD slot cover** and pull out the cover.



HDD

M2.5x4 black screw

HDD bracket handle

3. Remove **one M2.5x4 black screw** securing the HDD.
4. Grasp the **HDD bracket handle** and pull to disconnect the **HDD**.

TOSHIBA

Tough Enough for Today's World.

FIELD REPLACEABLE UNIT DOCUMENTATION

Satellite™

2590CDT

MODEM REMOVAL

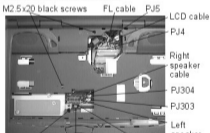


Modem board

Modem cable M2x3 silver screws M2x5 brass screw

1. Remove **two M2x3 silver screws** and **one M2x5 brass screw** securing the modem board.
2. Lift up the right side of the **modem board** and remove it from the system board.
3. Disconnect the **modem cable** from **PJ2** on the modem board.

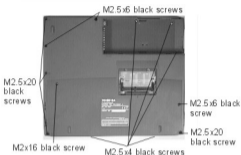
TOP COVER REMOVAL



M2.5x4 black screw Membrane switch cable PJ10

2. Turn the computer right side up and open the display panel.
3. Remove **two M2.5x20 black screws** and **one M2.5x4 black screw** securing the top cover.
4. Disconnect the following **five cables**:
 - LCD cable from **PJ4** and **FL cable** from **PJ5**
 - **Membrane switch cable** from **PJ10**
 - **Left speaker cable** from **PJ303**
 - **Right speaker cable** from **PJ304**

TOP COVER REMOVAL



1. Turn the computer upside down and remove the following **thirteen screws**:
 - **4 M2.5x20 black screws**
 - **3 M2.5x6 black screws** (one from HDD slot cover)
 - **5 M2.5x4 black screws** from battery slot and back of the computer
 - **1 M2x16 black screws**



Display assembly

5. Lift up the **back and left side of the top cover** about 1 cm to release the left latch on the front (arrow 1 and 2). Push the right (arrow 3) to clear the **volume control** from the **top cover**.
6. Rotate the **top cover** and **display assembly** forward to release the right latch.

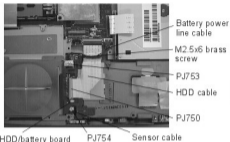
TOSHIBA

Tough Enough for Today's World.

Satellite™

2590CDT

HDD AND BATTERY BOARD REMOVAL



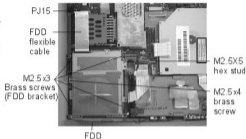
1. Disconnect the following cables from the HDD/battery board.
 -HDD cable from PJ750
 -Battery power line cable from PJ753
 -Sensor cable from PJ754
2. Remove **one M2.5x6 brass screw**.
3. Lift up the **HDD/battery board**.

CD-ROM DRIVE REMOVAL

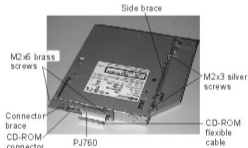


1. Disconnect the **CD-ROM flexible cable** from PJ301 on the system board.
2. Remove **one M2.5x4 brass screw** securing the CD-ROM drive.
3. Slide out the **CD-ROM drive**.

FDD REMOVAL



1. Disconnect the **FDD flexible cable** from PJ15 on the system board.
2. Remove **one M2.5x4 brass screw** and **one M2.5x5 hex stud** securing the FDD and lift the FDD out.
3. Remove **four M2.5x3 brass screws** securing the FDD to the FDD case.
4. Disconnect the **FDD flexible cable** from the FDD.



4. Remove **two M2x6 brass screws** securing the CD-ROM connector assembly.
5. Separate the **CD-ROM connector** and the **connector brace** from the CD-ROM drive.
6. Disconnect the **CD-ROM flexible cable** from PJ760 on the CD-ROM connector.
7. Remove **two M2x3 screws** securing the side brace.

TOSHIBA

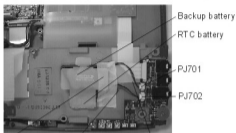
Tough Enough for Today's World.

FIELD REPLACEABLE UNIT DOCUMENTATION

Satellite™

2590CDT

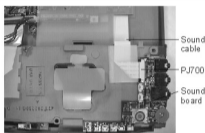
RTC AND BACKUP BATTERY REMOVAL



Tape RTC battery cable Backup battery cable

1. Open the RTC and backup battery cover.
2. Remove **tape** and disconnect the **RTC battery cable** from **PJ702** and **backup battery cable** from **PJ701** on the sound board.
3. Lift out the RTC and backup battery.

SENSOR AND SOUND BOARD REMOVAL

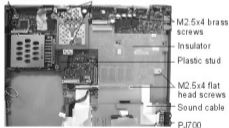


M2.5x4 brass screw

1. Disconnect the **sound cable** from **PJ700** on the sound board.
2. Remove **one M2.5x4 brass screw** securing sound board.
3. Lift up the **sound board**.

SYSTEM BOARD REMOVAL

M2.5x4 brass screws M2.5x16 brass screw



1. Remove **plastic stud** and the **insulator**.
2. Disconnect the **sound cable** from **PJ700** on the sound board.
3. Remove the following **nine screws** securing the system board, PC card slot cover and the heat sink :
 - 3 M2.5x16 brass screws
 - 2 M2.5x4 flat head brass screws
 - 4 M2.5x4 brass screws
 - 1 M2.5x6 brass screw



3. Lift up the system board at the front end and remove the **PC card slot cover**.
4. Disconnect the following cables from the system board:
 - **HDD/battery cable** from **PJ300**
 - **Battery power cable** from **PJ501**
 - **Sound cable** from **PJ302**

TOSHIBA

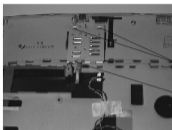
Tough Enough for Today's World.

FIELD REPLACEABLE UNIT DOCUMENTATION

Satellite™

2590CDT

MEMBRANE SWITCH REMOVAL

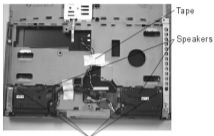


M2x4 brass screws

Membrane switch

1. Remove **two M2x4 brass screws** securing the membrane switch.
2. Lift up the **membrane switch**.

SPEAKERS REMOVAL



Tape

Speakers

M2x4 flat head screws

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

COOLING FAN REMOVAL



M2x4 flat head silver screws

Fan cable

PJ1

Fan

1. Remove the tape covering **PJ1** and the **fan cable**.
2. Disconnect the **fan cable** from **PJ1** on the system board.
3. Remove **two M2x4 silver screws** securing the cooling fan.
4. Take out the cooling **fan** from the system board.

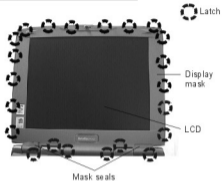
TOSHIBA

Tough Enough for Today's World.

Satellite™

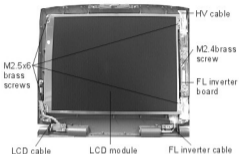
2590CDT

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 mask and the LCD panel 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 LCD REMOVAL



1. Remove all tapes and **one M2.5x6 brass screw** securing FL inverter board.
2. Carefully rotate the **FL inverter board** out, from right to left then disconnect the **FL inverter cable** from **CN1** and the **HV cable** from **CN2**.
3. Remove **four M2.5x6 brass screws** securing the LCD module.
4. Carefully rotate the **LCD module** from right to left of the **LCD cover**.
5. Disconnect the **LCD cable** from the **LCD module** and remove the **LCD** from the computer.

TOSHIBA

Tough Enough for Today's World.