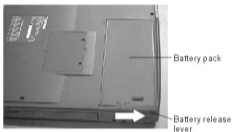# FIELD REPLACEABLE UNIT DOCUMENTATION
Satellite™
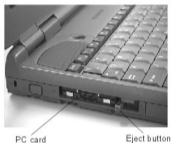
4030/4060/4070/4080/4090/4100 Series

BATTERY PACK REMOVAL

Battery pack

Battery release lever

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

PC card

Eject button

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

Latch

Keyboard holder

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

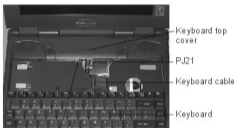### KEYBOARD REMOVAL

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™
4030/4060/4070/4080/4090/4100 Series

KEYBOARD REMOVAL

- Keyboard top cover
- PJ21
- Keyboard cable
- Keyboard

M2.5x4 black screw

4. Lift out the **Keyboard** and lay it on the palm rest. Be careful not to apply pressure on the **keyboard cable**.
5. Remove **one M2.5x4 black screw** and lift out the **keyboard top cover** between the speakers.
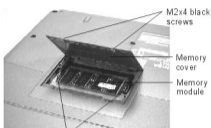6. Disconnect the **Keyboard cable** from PJ21 on the system board and remove the **Keyboard**.

EXPANSION MEMORY REMOVAL

- M2x4 black screws
- Memory cover
- Memory module

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

- M2.5x6 black screw

HDD slot cover

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™
4030/4060/4070/4080/4090/4100 Series
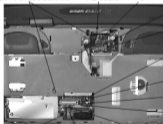
MODEM REMOVAL

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 .

TOP COVER REMOVAL

M2x14 brass screws   FL cable   PJ4
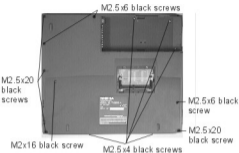
LCD cable

PJ3

Left speaker cable

PJ6

PJ7

Right speaker cable

M2.5x4 black   Membrane   PJ20
screw   switch cable

2. Turn the computer right side up and open the display panel.
3. Remove **two M2x14 brass screws** and **one M2.5x4 black screw** securing the top cover.
4. Disconnect the following five cables:
   - **LCD cable** from PJ4
   - **FL cable** from PJ4
   - **Membrane switch cable** from PJ20
   - **Left speaker cable** from PJ6
   - **Right speaker cable** from PJ7

TOP COVER REMOVAL

M2.5x6 black screws

M2.5x20 black screws

M2.5x6 black screw

M2.5x20 black screw

M2x16 black screw

M2.5x4 black screws

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
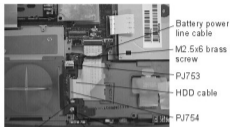   - **1 M2x16 black screw**

Top cover

Volume control

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 (arrow1 and 2). Push to the right (arrow3) to clear the **volume control** from the top cover.
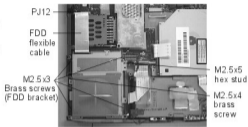6. Rotate the **top cover** and **display assembly** forward to release the right latch.

TOSHIBA
Tough Enough for Today's World.

FIELD REPLACEABLE UNIT DOCUMENTATION
Satellite™
4030/4060/4070/4080/4090/4100 Series

HDD AND BATTERY BOARD REMOVAL

- Battery power line cable
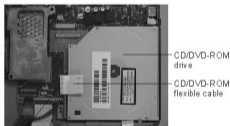- M2.5x6 brass screw
- PJ753
- HDD cable
- PJ754

HDD/battery board   PJ750   Sensor cable

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

CD-ROM/DVD ROM DRIVE REMOVAL

- CD/DVD-ROM drive
- CD/DVD-ROM flexible cable

PJ17   M2.5x4 brass screw

1. Disconnect the **CD/DVD-ROM flexible cable** from **PJ17** on the system board.
2. Remove **one M2.5x4 brass screw** securing the CD/DVD-ROM drive.
3. Slide out the **CD/DVD-ROM drive.**

FDD REMOVAL

- PJ12
- FDD flexible cable
- M2.5x3 Brass screws (FDD bracket)
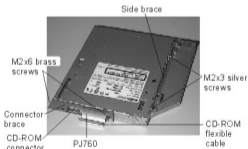- M2.5x5 hex stud
- M2.5x4 brass screw

FDD

1. Disconnect the **FDD flexible cable** from **PJ12** on the system board.
2. Remove **one M2.5x5 hex stud** and **one M2.5x4 brass screw** securing the FDD.
3. Remove **four M2.5x3 brass screws** securing the FDD to the FDD bracket.
4. Disconnect the **FDD flexible cable** from the FDD.

- Side brace
- M2x6 brass screws
- M2x3 silver screws
- Connector brace
- CD-ROM connector
- PJ760
- CD-ROM flexible cable

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.**
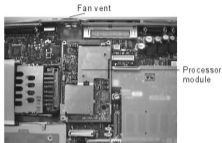
TOSHIBA
Tough Enough for Today's World.

FIELD REPLACEABLE UNIT DOCUMENTATION
Satellite™
4030/4060/4070/4080/4090/4100 Series

CPU BOARD REMOVAL

Fan vent

M2x14 brass screw
M2x4 brass screws
Heat sink

Processor module

Fan cable   PJ11   Tape

1. Remove **tape** and disconnect the **fan cable** from **PJ11** on the system board.
2. Remove **two M2x4 screws** and **one M2x14 screw** securing the heat sink to the system board in the following order: **3-2-1**.
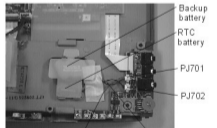3. Lift out the **heat sink** from the front side.

4. Grip the **processor module** from the side opposite to the **fan vent** and pull it out from PJ1 on the system board.

COOLING FAN REMOVAL

M2x4 flat head silver screws

Fan

1. Remove **two M2x4 flat head silver screws** securing the cooling fan.
2. Take out the **cooling fan** from the heat sink.

RTC AND BACKUP BATTERY REMOVAL

Backup battery
RTC battery

PJ701
PJ702

RTC battery cable   Backup battery cable

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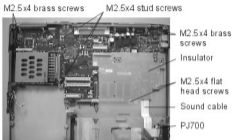4. Lift out the **RTC** and **backup battery**.

TOSHIBA
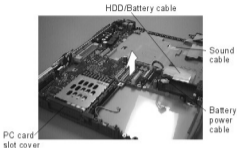## Tough Enough for Today's World.

FIELD REPLACEABLE UNIT DOCUMENTATION
Satellite™
4030/4060/4070/4080/4090/4100 Series

SYSTEM BOARD REMOVAL

1. Remove the **insulator** and disconnect the **sound cable** from **PJ700** on the sound board.
2. Remove the following nine screws securing the system board and PC card slot cover :
   - **3 M2.5x4 stud screws**
   - **4 M2.5x4 brass screws**
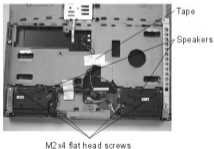   - **2 M2.5x4 flat head brass screws**
3. Lift out the system board at the front end and remove the **PC card slot cover**.
4. Disconnect the following cables from the system board:
   - **HDD/battery cable from PJ300**
   - **Battery power cable from PJ501**
   - **Sound cable from PJ302**

MEMBRANE SWITCH REMOVAL

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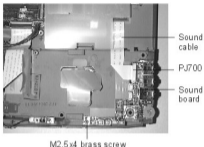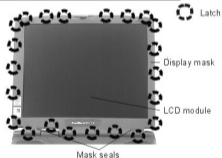2. Lift out the **membrane switch**.

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**.
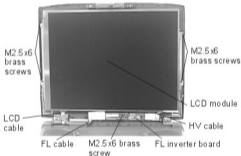
TOSHIBA
Tough Enough for Today's World.

FIELD REPLACEABLE UNIT DOCUMENTATION
Satellite™

4030/4060/4070/4080/4090/4100 Series

SENSOR AND SOUND BOARD REMOVAL

- Sound cable
- PJ700
- Sound board
- 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 out the **sound board**.

13.3 TFT DISPLAY MASK REMOVAL

- Latch
- Display mask
- LCD module
- Mask seals

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** 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 13.3 TFT LCD REMOVAL

- M2.5x6 brass screws
- M2.5x6 brass screws
- LCD module
- LCD cable
- HV cable
- FL inverter board
- M2.5x6 brass screw

1. Remove tape and **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 M2.5x6 brass screws** securing the LCD module.
4. Carefully rotate the **LCD module** from right to left off the LCD cover.
5. Disconnect the **LCD cable** from the LCD module and remove the **LCD** from the computer.
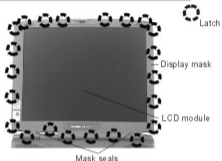

TOSHIBA
Tough Enough for Today's World.
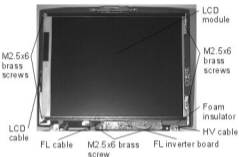
FIELD REPLACEABLE UNIT DOCUMENTATION
Satellite™
4030/4060/4070/4080/4090/4100 Series

13.3 DSTN DISPLAY MASK REMOVAL

Latch

Display mask

LCD module

Mask seals

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**.
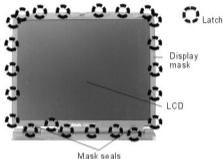
FL INVERTER AND 13.3 DSTN LCD REMOVAL

LCD module

M2.5x6 brass screws

M2.5x6 brass screws

Foam insulator

HV cable

LCD cable

FL cable

M2.5x6 brass screw

FL inverter board

1. Remove **two M2x5 brass screw** securing FL inverter board.
2. Carefully lift up the **FL inverter board** and disconnect the **FL inverter cable** from **CN1**. Remove the **foam insulator** on the **HV cable** and disconnect 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.
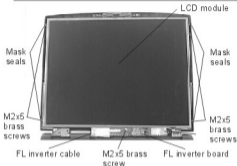5. Disconnect the **LCD cable** from the LCD module and remove the **LCD** from the computer.

TOSHIBA
Tough Enough for Today's World.

FIELD REPLACEABLE UNIT DOCUMENTATION
Satellite™
4030/4060/4070/4080/4090/4100 Series

14.1 TFT DISPLAY MASK REMOVAL

Latch

Display
mask

LCD

Mask seals

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

LCD module

Mask
seals

Mask
seals

M2x5
brass
screws

M2x5
brass
screws

FL inverter cable   M2x5 brass   FL inverter board
                         screw

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.

TOSHIBA
Tough Enough for Today's World.