FIELD REPLACEABLE UNIT DOCUMENTATION

Portege™

7010CT

BATTERY PACK REMOVAL

Battery lock

Release lever
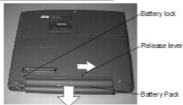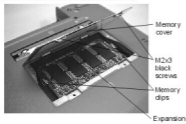
Battery Pack

1. Turn the computer down as shown.
2. Push the **battery lock** to unlock position.
3. Slide the **battery release lever** in the direction of the arrow.
4. Pull the **battery pack** slightly forward and **lift** it out.

OPTIONAL PCMCIA CARD REMOVAL

PC card   Eject Levers

1. Pull out the **eject lever** of the **PC card** to be removed.
2. Slide the **eject lever** to the right until the **PC card** is out.
3. Grasp the **PC card** and remove it.

EXPANSION MEMORY REMOVAL

Memory cover

M2x3 black screws

Memory clips

Expansion memory

1. Turn the computer upside down.
2. Remove **two M2x3 black screws** and remove the **memory cover**.
3. Push the **memory clips** outward and pull the **expansion memory** out of the connector on a 45 degree angle.

HDD REMOVAL

M2x14 black screws   HDD cover

1. Turn the computer upside down.
2. Remove **one M2x14 black screw** securing the **HDD cover** and lift the cover out.

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HDD REMOVAL

HDD   Plastic handle

3. Grasp the **plastic handle** and pull it towards your left to disconnect the HDD.
4. Lift up the **plastic handle** to remove the HDD.

CAUTION: Be very careful not to press on the TOP or BOTTOM of the HDD. Pressure can destroy data or damage the drive.

KEYBOARD REMOVAL

Keyboard cable   PJ10

4. Lift the front of the **keyboard** pulling the keyboard forward until the keyboard cable is exposed.
5. Disconnect the **keyboard cable** from **PJ10** on the system board and remove the **keyboard**.

KEYBOARD REMOVAL

LATCH

Keyboard   Keyboard holder

1. Turn the computer right side up and open the display.
2. Unlatch the **Keyboard holder** at the five points starting from the front side.
3. Pull up on the front of the **keyboard holder** to release the latches along the back and lift the holder out.

TOP COVER REMOVAL

Silver screws

M2x6 black screw

M2.5x6 black screws

M2.5x6 black screws

M2x6 black screws

Docking connector cover

M2x14 black screws

1. Turn the computer upside down.
2. Remove **two screws** securing the **docking connector cover** and lift the cover out.
3. Remove the following screws securing the bottom cover:
   - 7 **M2.5x6 black screws**
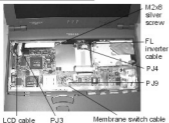   - 2 **M2x6 black screws**
   - 7 **M2x14 black screws**

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TOP COVER REMOVAL

M2x8 silver screw

FL inverter cable

PJ4

PJ9

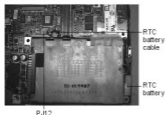LCD cable   PJ3   Membrane switch cable

4. Turn the computer right side up and open the cover.
5. Use a tweezer to gently remove the **LCD cable** from **PJ3** and the **FL inverter cable** from **PJ4**.
6. Disconnect the **membrane switch cable 1** om **PJ9.**
7. Remove **one M2x8 silver screw.**

8. Lift up the front of the top cover and tilt the display back until it lies flat.
9. Disconnect the **LED/Speaker cable** to separate the top cover with display assembly from the bottom cover.

RTC BATTERY REMOVAL

RTC battery cable

RTC battery

PJ12

1. Disconnect the **RTC battery cable** from **PJ12.**
2. Remove the tape securing the battery cable.
3. Lift out the **RTC battery.**

SYSTEM BOARD REMOVAL

M2x6 screw   LED board

1. Remove **one M2x6 black screw** securing the **LED board** and disconnect the board from **PJ32.**

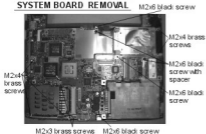# TOSHIBA
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SYSTEM BOARD REMOVAL

2. Remove **13 screws** securing the system board.
- **6 M2x4 brass screws**
- **2 M2x6 black screws with plastic spacers**
- **3 M2x6 black screw**
- **2 M2x3 brass screw**

3. Remove the **sound jack cover** in the direction of the arrow.
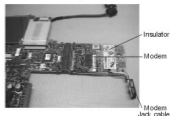4. Lift up the **system board**.
5. Disconnect the **DC III cable** from **PJ802** on the back of the system board.

PC CARD SLOT REMOVAL

1. Disconnect the **PC card slot** from **PJ21** on the system board.

MODEM REMOVAL

1. Grasp the **modem**.
2. Pull the **modem** and disconnect it from **PJ7** on the system board.
3. Lift the **insulator** off the modem board.
4. Disconnect the **modem jack cable** from **PJ110** on the modem board.

CPU REMOVAL

CPU board

1. Disconnect the **CPU board** from the system board.

CAUTION: Grip the CPU evenly on both sides of the connector. **DO NOT** apply excessive pressure to the connectors. Lift straight up to partially disconnect the CPU. A small tongue on the CPU module extends beyond the other side of the system board so be careful not to pull up too far. Slowly twist up the outside edge of the CPU board to remove it.

I/O BOARD REMOVAL

I/O board

I/O board plate

M2x4 silver screws

1. Remove **six M2x4 silver screws** securing the I/O board plate.
2. Pull out the **I/O board plate**.
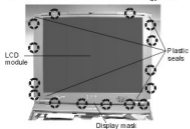3. Disconnect the **I/O board** from the system board.

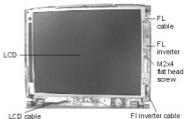## DISPLAY MASK REMOVAL

Latch

LCD module

Plastic seals

Display mask

1. Remove **four plastic seals** at the corners of the display assembly.
2. Remove **four M2.5x5 flat head silver screws**.
3. There are **16 latches** securing the display mask. Carefully insert your fingers between the **display mask** and the **LCD** panel and pry open the latches starting from the **top two latches**, to the **four latches on the right and left sides**, ending with the **six bottom latches**.

FL INVERTER AND LCD REMOVAL

FL cable

FL inverter

M2x4 flat head screw

LCD

LCD cable

Fl inverter cable

1. Remove **one M2x5 flat head brass screw** securing **FL inverter** board.
2. Lift up the **FL inverter board** and disconnect the **FL cable** from CN2 and the **FL inverter cable** from CN1.
3. Remove **three M2x4 flat head 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.

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