Part Replacement Instructions

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BEFORE YOU BEGIN

1 Unplug the computer.

2 Ground yourself.

NOTE: Before doing any work inside your computer, ground yourself by touching a metal part of the computer frame.

CAUTION: This product contains components that are easily damaged by Electrostatic Discharge (ESD). To reduce the chance of ESD damage, work over a non-carpeted floor, use a static dissipative work surface (like a conductive foam pad), and wear an ESD wrist strap that is connected to a grounded surface, like the metal frame of the computer.

REMOVE SIDE PANEL

1 Loosen the thumbscrew (A) and slide the panel about 1 inch to remove it. Lift the panel from the chassis.

REMOVE FRONT PANEL

1 Pull the three tabs (A) away from the outside edge of the chassis.

2 Swing the front panel away from the chassis toward the left to remove it.
**REMOVE OPTICAL DISC DRIVE**

1. Pull out the drive release latch and pull the drive part way out of the front of the chassis.

2. Disconnect the power, data, and sound cable, if present. For Serial ATA cables, press the latch (1, select models only) in the center of each plug, and then pull the plug (2) from the drive connector.

3. Pull the drive out through the front of the chassis.

**REPLACE OPTICAL DISC DRIVE**

1. Pull out the drive release latch and insert the drive part way into the bay through the front of the chassis.

2. Connect the power, and data cables to the drive. If present, connect the sound cable. For a Serial ATA drive, press the tab in the center of each plug (1), if present, and insert the plug into the drive connector.
3 Push the drive completely into the chassis until the drive release latch locks the drive in place with the latch in the hole labeled 1 on the chassis.

REMOVE HARD DISK DRIVE

1 Lay chassis on its side.

2 Remove two screws that secure the hard disk drive cage in the chassis.

3 Push down on the latch (1) and slide the hard disk drive cage away from the bottom of the chassis (2).

4 Lift the cage and remove the hard disk drive cables.

For Serial ATA cables, press the latch (1, select models only) in the center of each plug, and then pull the plug (2) from the drive connector.
**REPLACE HARD DISK DRIVE**

1. Slide the replacement drive into the hard disk drive cage with the connectors toward the right, as shown in the figure.

2. Align the four drive screw holes with the holes in the cage, and then insert four screws.

3. Connect the cables to the drive in the cage.

   For a Serial ATA drive, press the tab in the center of each plug (1), if present, and insert the plug into the drive connector.

4. Place the cage in the chassis, align the four guides on the bottom of the cage with the chassis holes, and then slide the cage toward the bottom of the chassis until the cage locks into place.

5. Remove four screws that secure the drive in the cage.

6. Slide the drive out of the cage.
Insert two screws to secure the cage in the chassis.

Set the chassis upright.

**REMOVE MODEM**

1. Lay chassis on its side.

2. On the back of the chassis, remove the screw from the bracket cover for the add-in cards, and then remove the bracket cover.

3. Remove any cabling to the card, rock the card to free it from the sockets, and then lift the card from the chassis.

**REPLACE MODEM**

1. Align the edge of the add-in card with the slot in the chassis, and press the card straight down until it is seated fully into the connector. Connect any cabling to the card.

2. Replace the bracket cover onto the back of the chassis, and insert the screw.
3 Set the chassis upright.

REMOVE POWER SUPPLY

1 Lay chassis on its side.

2 Remove four screws (A).

3 Press the power supply latch (1), and then slide the power supply (2) into the chassis.

4 Lift the power supply and disconnect the cables by pressing the release latch on each plug and removing plug.

Remove power supply from chassis.
**REPLACE POWER SUPPLY**

1. Connect the cables from the power supply to the chassis connectors.

2. Place power supply in chassis (1) and slide the power supply (2) into the opening in the back of the chassis until the latch locks.

3. Insert four screws (A) to secure power supply.

4. Set the chassis upright.

**REPLACE FRONT PANEL**

1. Align the tabs on the left side of the front panel with the holes on the left side of the front of the chassis, and then press the left side of the panel to insert the tabs into the chassis.

2. Swing the right side of the front panel toward the chassis, align the tabs (A), and press the right side of the panel into the chassis.
1. Align the tabs on the bottom of the side panel to the ridge on the bottom of the chassis, place the side panel onto the chassis, and then slide the panel toward the front of the chassis.  
   **NOTE:** When the panel is attached properly, there is a 3 mm gap (A) between the top of the chassis and the top of the side panel.

2. Replace the thumbscrew (A).