



- 3 Plug the power cord into a wall outlet. The power indicator turns on.



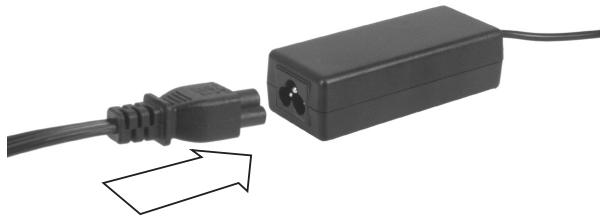
If the power indicator does not turn on, unplug the adapter from your notebook, then plug it back in.


**Warning**  Do not attempt to disassemble the AC adapter. The AC adapter has no user-replaceable or user-serviceable parts inside. The AC adapter has dangerous voltages that can cause serious injury or death. Contact Gateway about returning defective AC adapters.

**Important**  If the battery charge indicator does not turn blue after three hours, contact Gateway Customer Care at the Web address or telephone number shown on the label on the bottom of your notebook.

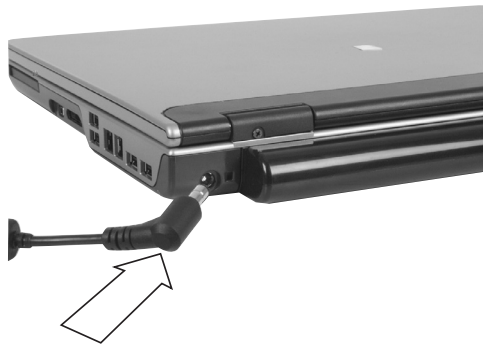


- 1 Connect the power cord to the AC adapter.



**Caution**  Replace the power cord if it becomes damaged. The replacement cord must be of the same type and voltage rating as the original cord or your notebook may be damaged.

- 2 Connect the AC adapter to your notebook's power connector.



**Technical Support**

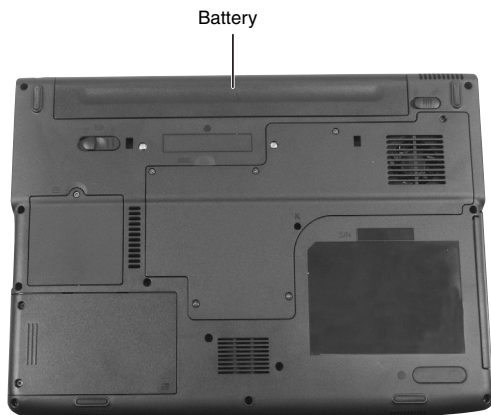
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## Replacing the Battery

### Tips & Tricks

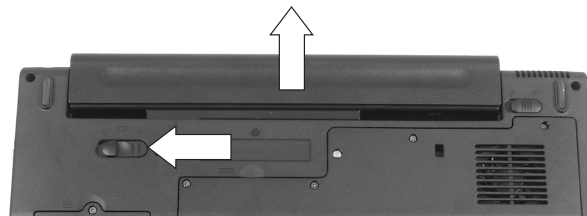
If your notebook is connected to AC power, you can replace the battery while the notebook is turned on.



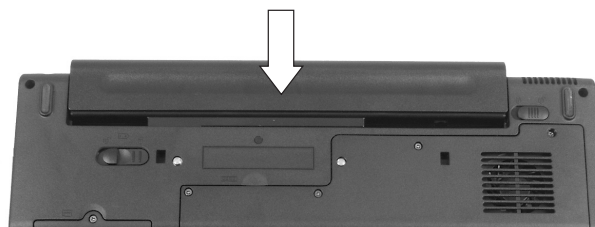
- 3 Turn your notebook over so the bottom is facing up.
- 4 Slide the battery lock to the unlock position.



- 5 Slide the battery release latch, then slide the battery out of the notebook.



- 6 Slide the replacement battery into the notebook until it snaps into place.



- 7 Slide the battery lock to the lock position.
- 8 Turn your notebook over.
- 9 Plug your notebook into an AC outlet.
- 10 Open the LCD panel and press the power button.

### Important



If the battery charge indicator does not turn blue after three hours, contact Gateway Customer Care at the Web address or telephone number shown on the label on the bottom of your notebook.



### Warning



Danger of explosion if the battery is incorrectly replaced.

Replace only with a battery specifically manufactured for your notebook. Recycle or dispose of the battery as hazardous waste.

The battery used in this device may present a chemical burn hazard if mishandled. Do not disassemble, heat above 212°F (100°C), or

short circuit the terminals.

- 1 If your notebook is on and is connected to AC power, go to Step 2.

- OR -

If your notebook is on and is not connected to AC power, save your work and turn off your notebook.


- 2 Close the LCD panel.


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- 7 With a small Phillips screwdriver, remove the keyboard screw and put it in a safe place.

**Tools**  You need a small Phillips screwdriver to replace the DVD drive.

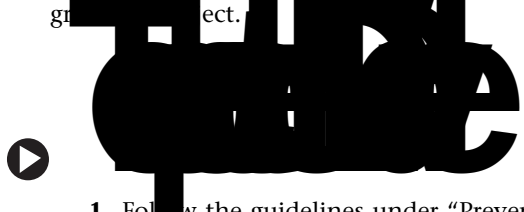
**Tips & Tricks**  The keyboard screw hole is marked with a K.

The components inside your notebook are extremely sensitive to static electricity, also known as *electrostatic discharge* (ESD). ESD can permanently damage electrostatic discharge-sensitive components in your notebook.

**Warning**  To avoid exposure to dangerous electrical voltages and moving parts, turn off your notebook and unplug the AC adapter, modem cable, and network cable before replacing a component.

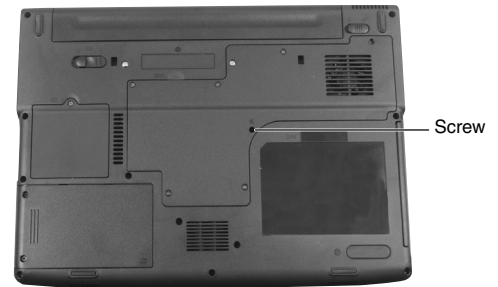
Before working with notebook components, follow these guidelines:

- Avoid static-causing surfaces such as carpeted floors, plastic, and packing foam.
- Remove components from their antistatic bags only when you are ready to use them. Do not lay components on the outside of antistatic bags because only the inside of the bags provide electrostatic protection.
- Always hold components by their edges. Avoid touching the edge connectors. Never slide components over any surface.
- Wear a grounding wrist strap (available at most electronics stores) and attach it to a bare metal part of your workbench or other grounded connection.
- Touch a bare metal surface on your workbench or other grounded object.

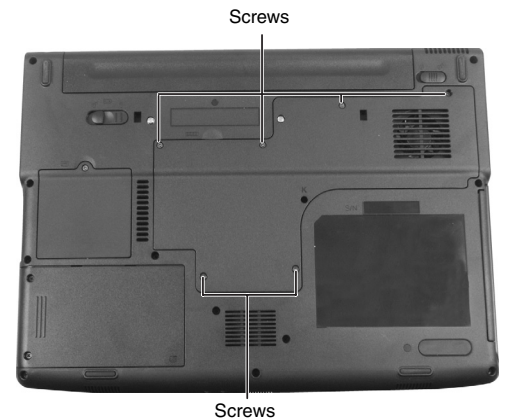


- 1 Follow the guidelines under “Preventing static electricity discharge.”
- 2 Make sure that the DVD drive is empty.
- 3 Turn off your notebook.
- 4 Disconnect the AC adapter, modem cable, and network cable.
- 5 Disconnect all peripheral devices and remove any PC Cards.
- 6 Turn your notebook over so the bottom is facing up, then remove the battery. For more information, see “Changing Batteries” in your online hardware guide.

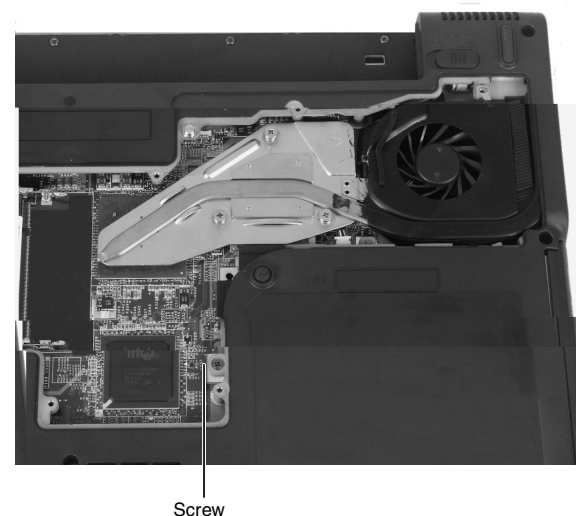
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- 8 Loosen the six memory bay cover screws (these screws cannot be removed), then remove the memory bay cover.

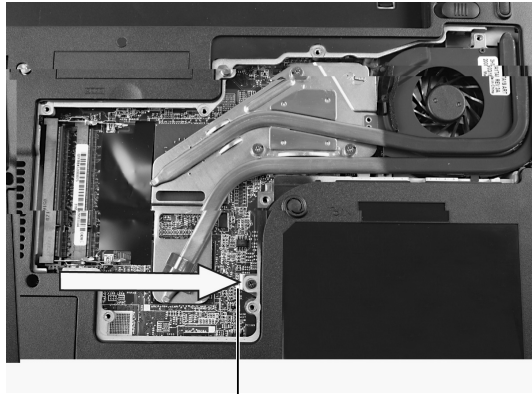


- 9 With a small Phillips screwdriver, remove the DVD drive screw, then put it in a safe place.



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- 10 Slide the DVD drive out of the drive bay by pushing on the DVD bracket.



DVD bracket

- 11 Slide the new DVD drive into the drive bay. Make sure that the drive fits securely in the bay.
- 12 Secure the DVD drive with the screw removed in Step 9.
- 13 Replace the memory bay cover, then tighten the six cover screws.
- 14 Replace the keyboard screw.
- 15 Insert the battery, then turn your notebook over.
- 16 Connect the power adapter, modem cable, and network cable, then turn on your notebook.
- 17 Reconnect all peripheral devices and replace any PC Cards.



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**Tools**



You need a small Phillips screwdriver to replace the hard drive.  
You need the operating system disc that came with your notebook.



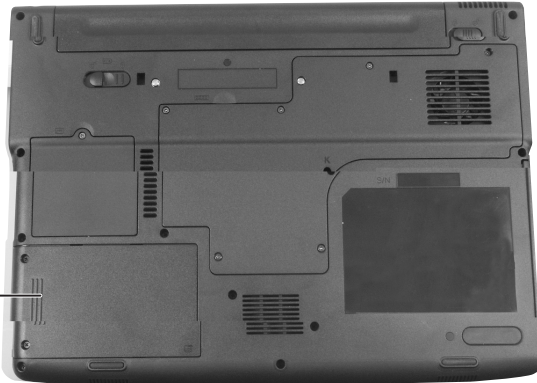
1 If possible, create a *Drivers and Applications Recovery* disc. For more information, see “Creating Drivers and Applications Recovery discs” in the online *User Guide*.

**Important**



If you cannot create a *Drivers and Applications Recovery* disc, Gateway may send you a set of recovery discs or a replacement hard drive with the drivers and applications already installed. Contact Gateway Customer Care at the Web address or telephone number shown on the label on the bottom of your notebook.

Hard drive bay



- 2 Follow the guidelines under “Preventing static electricity discharge.”
- 3 Turn off your notebook.
- 4 Disconnect the AC adapter, modem cable, and network cable.
- 5 Disconnect all peripheral devices and remove any PC Cards.
- 6 Turn your notebook over so the bottom is facing up, then remove the battery. For more information, see “Changing Batteries” in your online hardware guide.
- 7 Remove the two hard drive bay cover screws, slide the hard drive bay cover, then remove it. The hard drive is attached to the back of the cover.

**Warning**

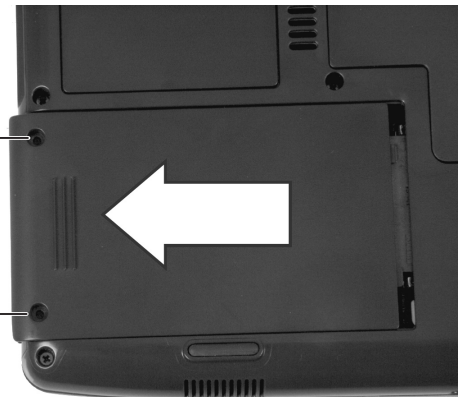


To avoid exposure to dangerous electrical voltages and moving parts, turn off your notebook and unplug the AC adapter, modem cable, and network cable before replacing a component.

Before working with notebook components, follow these guidelines:

- Avoid static-causing surfaces such as carpeted floors, plastic, and packing foam.
- Remove components from their antistatic bags only when you are ready to use them. Do not lay components on the outside of antistatic bags because only the inside of the bags provide electrostatic protection.
- Always hold components by their edges. Avoid touching the edge connectors. Never slide components over any surface.
- Wear a grounding wrist strap (available at most electronics stores) and attach it to a bare metal part of your workbench or other grounded connection.
- Touch a bare metal surface on your workbench or other grounded object.

Screws

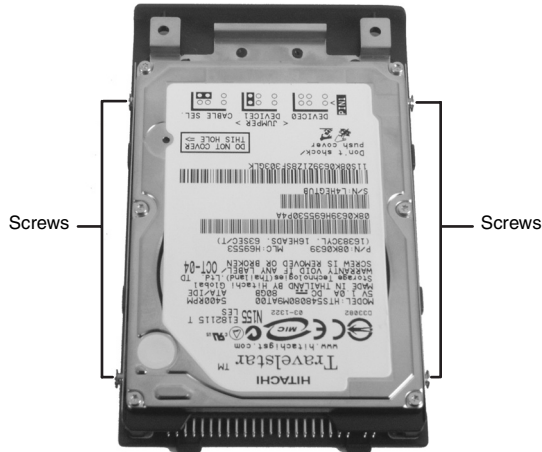


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- Remove the four screws that secure the hard drive to the hard drive cover.



- Remove the cover from the old drive.



- Place the new drive, label side up, onto the cover so the screw holes line up.
  - Replace the four screws that secure the cover to the drive.
  - Slide the new hard drive kit into your notebook, then replace the cover screws.
  - Insert the battery and turn your notebook over.
  - Connect the power adapter, modem cable, and network cable.
  - Reconnect all peripheral devices and replace any PC Cards.
  - Turn on your notebook.
  - If the hard drive was sent to you from Gateway with the operating system, applications, and drivers installed, you will see the Windows startup screen.
- OR-

If you see a blank screen, restart your notebook, then press **F11** while your computer is starting.


- Insert the *Operating System Recovery CD/DVD* when prompted, then follow the on-screen instructions.




**Technical Support**

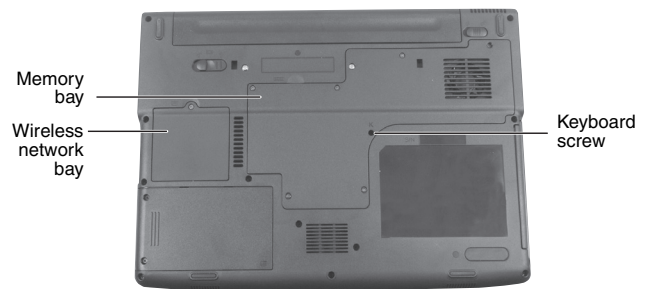
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**Tools**  You need a small Phillips and a small flat-blade screwdriver to replace the keyboard.

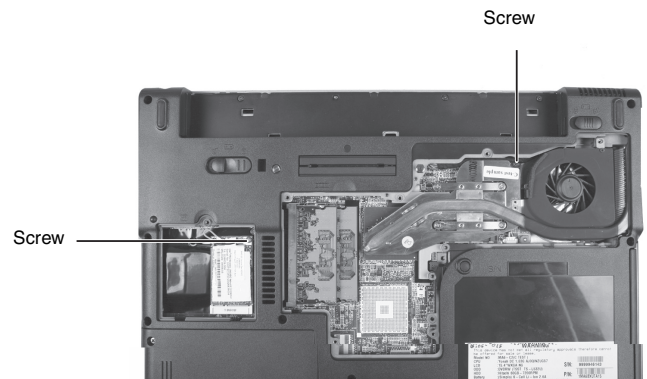
**6** With a small Phillips screwdriver, remove the keyboard screw and put it in a safe place.

**Tips & Tricks**  The keyboard screw hole is marked with a K.



**7** Loosen the six memory bay cover screws and one wireless network bay screw (these screws cannot be removed), then remove the bay covers.

**8** If your notebook has the two optional keyboard screws, remove them.



**9** Turn your notebook over so the top is facing up.  
**10** With a small Phillips screwdriver, remove the two hinge cover screws and put them in a safe place.




**11** Insert the small flat-blade screwdriver under the bottom of each hinge cover and gently pry it up.



**12** Carefully open the LCD panel to the fully opened position.

The components inside your notebook are extremely sensitive to static electricity, also known as *electrostatic discharge* (ESD). ESD can permanently damage electrostatic discharge-sensitive components in your notebook.

**Warning**  To avoid exposure to dangerous electrical voltages and moving parts, turn off your notebook and unplug the AC adapter, modem cable, and network cable before replacing a component.

Before working with notebook components, follow these guidelines:

- Avoid static-causing surfaces such as carpeted floors, plastic, and packing foam.
- Remove components from their antistatic bags only when you are ready to use them. Do not lay components on the outside of antistatic bags because only the inside of the bags provide electrostatic protection.
- Always hold components by their edges. Avoid touching the edge connectors. Never slide components over any surface.
- Wear a grounding wrist strap (available at most electronics stores) and attach it to a bare metal part of your workbench or other grounded connection.
- Touch a bare metal surface on your workbench or other grounded object.




- 1** Follow the guidelines under "Preventing static electricity discharge."
- 2** Turn off your notebook.
- 3** Disconnect the AC adapter, modem cable, and network cable.
- 4** Disconnect all peripheral devices and remove any PC Cards.
- 5** Turn your notebook over so the bottom is facing up, then remove the battery. For more information, see "Changing Batteries" in your online hardware guide.

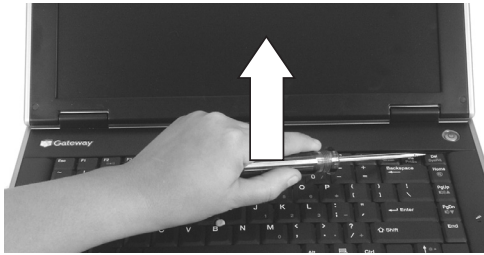
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- 13 Insert the small flat-blade screwdriver under the right end of the keyboard cover and gently pry it up.

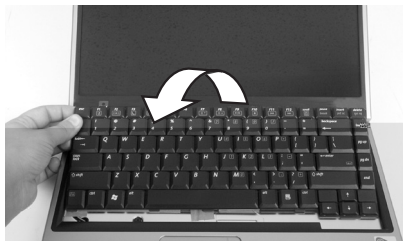
**Important**  Inserting a piece of cloth between the screwdriver and keyboard will help prevent damage to your notebook.



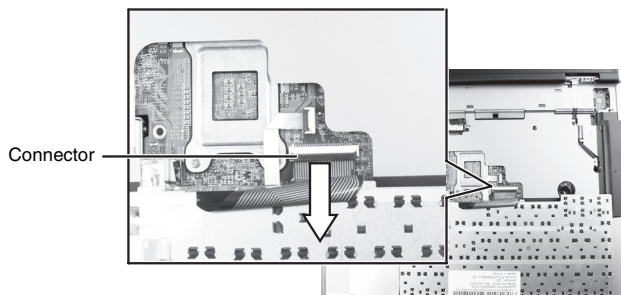
- 14 Pull the cover off the notebook. Be careful to not damage the LCD panel.



- 15 Lift the back edge of the keyboard slightly, then slowly slide it toward the LCD panel to release the keyboard retaining tabs located on the front of the keyboard.
- 16 Slowly rotate the keyboard toward you so it lies **keys-down** on top of your notebook. Be careful to not damage the LCD panel.




- 17 Slide the black keyboard connector clip to the front of the notebook and slide the cable out of the clip. Be careful not to touch or damage any other components.



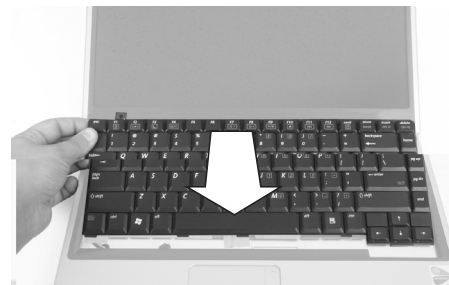
## Replacing the Keyboard




- 1 Place the new keyboard **keys-down** on your notebook with the space bar away from you.
- 2 Make sure the black keyboard connector clip is fully moved toward the front of the notebook, insert the cable into the connector, then slide the black clip to lock the connector in place.

**Important**  The keyboard cable is correctly oriented if it is not twisted.

- 3 Rotate the keyboard toward the LCD panel until the keyboard is almost face-up.
- 4 Insert the tabs on the front edge of the keyboard into the slot under the palm rest. You may need to press down on the keyboard keys along the front edge of the keyboard to seat the retaining tabs into their corresponding slots.



- 5 Gently press the keyboard down until it is flat all the way across. The keyboard should easily fall into place. Be careful to not damage the LCD panel.
- 6 Replace the keyboard cover. Press down on the cover in several places until it clicks in place. The cover is correctly mounted when you can run your finger along the cover and find no loose spots. The cover should be flat all the way across.

**Caution**  If the cover is not correctly replaced, your notebook could be damaged when you try to close the LCD panel.

- 7 Close the LCD panel, then replace the two hinge cover screws.
- 8 Turn your notebook over so the bottom is facing up.
- 9 Replace the two optional keyboard screws.
- 10 Replace the memory bay cover and wireless network bay cover.
- 11 Replace the keyboard screw.
- 12 Insert the battery, then turn your notebook over.
- 13 Connect the power adapter, the modem cable, and the network cable, then turn on your notebook.



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Before working with notebook components, follow these guidelines:

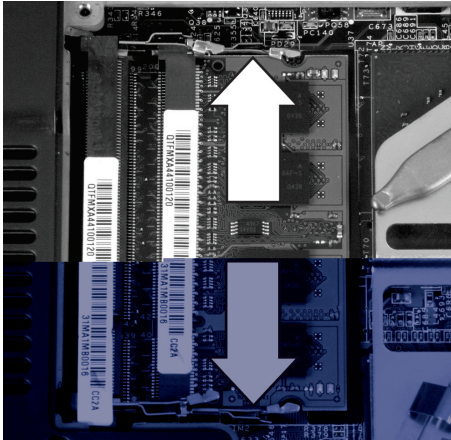
- Avoid static-causing surfaces such as carpeted floors, plastic, and packing foam.
- Remove components from their antistatic bags only when you are ready to use them. Do not lay components on the outside of antistatic bags because only the inside of the bags provide electrostatic protection.
- Always hold components by their edges. Avoid touching the edge connectors. Never slide components over any surface.
- Wear a grounding wrist strap (available at most electronics

**Technical Support**

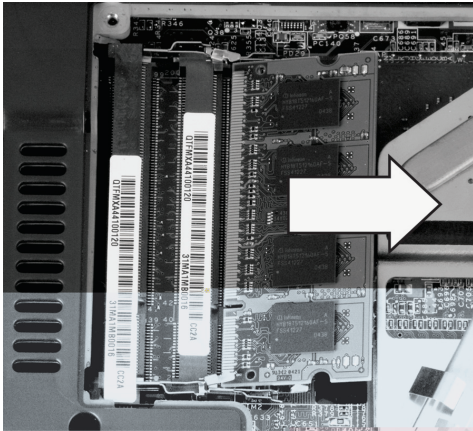
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- 8 If you are removing a memory module, gently press outward on the clip at each end of the module until the module tilts upward.



- 9 Pull the memory module out of the slot.



- 10 Hold the new or replacement module at a 30-degree angle and insert it into the empty memory slot. This module is keyed so it can only be inserted in one direction. If the module does not fit, make sure that the notch in the module lines up with the tab in the memory bay.

**Important**  Use only memory modules designed for your Gateway notebook.

- 11 Gently push the module down until it clicks in place.
- 12 Replace the memory bay cover, then tighten the six cover screws.
- 13 Replace the keyboard screw.
- 14 Insert the battery, then turn your notebook over.
- 15 Connect the power adapter, the modem cable, and the network cable.
- 16 Reconnect all peripheral devices and replace any PC Cards.
- 17 Turn on your notebook.



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**Caution**

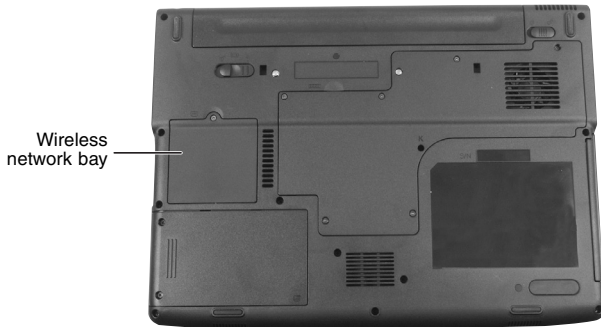


By law, only approved wireless modules provided by Gateway, or a Gateway authorized representative, explicitly for your notebook may be installed in this notebook.

**Tools**



You need a small Phillips screwdriver to replace the wireless network module.



- 1 Follow the guidelines under “Preventing static electricity discharge.”
- 2 Turn off your notebook.
- 3 Disconnect the AC adapter, modem cable, and network cable.
- 4 Disconnect all peripheral devices and remove any PC Cards.
- 5 Turn your notebook over so the bottom is facing up, then remove the battery. For more information, see “Changing Batteries” in your online hardware guide.
- 6 Loosen the wireless network bay cover screw (this screw cannot be removed), then remove wireless network bay cover.

The components inside your notebook are extremely sensitive to static electricity, also known as *electrostatic discharge (ESD)*. ESD can permanently damage electrostatic discharge-sensitive components in your notebook.

**Warning**

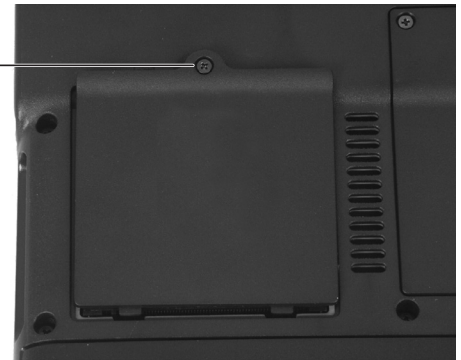


To avoid exposure to dangerous electrical voltages and moving parts, turn off your notebook and unplug the AC adapter, modem cable, and network cable before replacing a component.

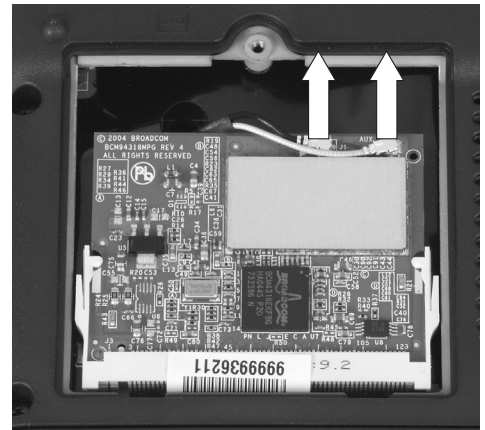
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- Avoid static-causing surfaces such as carpeted floors, plastic, and packing foam.
- Remove components from their antistatic bags only when you are ready to use them. Do not lay components on the outside of antistatic bags because only the inside of the bags provide electrostatic protection.
- Always hold components by their edges. Avoid touching the edge connectors. Never slide components over any surface.
- Wear a grounding wrist strap (available at most electronics stores) and attach it to a bare metal part of your workbench or other grounded connection.
- Touch a bare metal surface on your workbench or other grounded object.

Screw



- 7 Unplug the two antenna cables.



- 8 Move the antenna cables out of the way.

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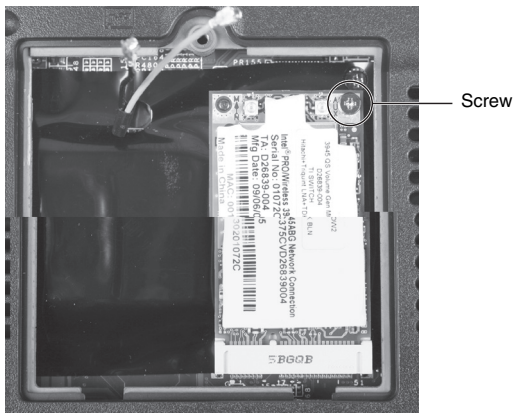
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- If your card is held by clips, press outward on the clip at each side of the module until the module tilts upward.

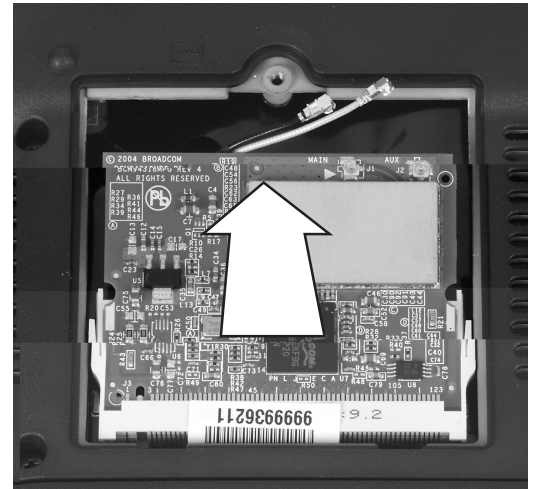


-OR-

If your card is held by a screw, remove the screw.



- Pull the module out of the slot.



- Hold the new module at a 30-degree angle and insert it into the empty slot. This module is keyed so it can only be inserted in one direction. If the module does not fit, make sure that the notch in the module lines up with the tab in the module slot.
- Move the antenna wires out of the way.
- If your card is held by clips, press the module down until it clicks into place.

-OR-

If your card is held by a screw, replace the screw.

- Reattach the black antenna cable to the connector labelled MAIN or M, then reattach the light gray antenna cable to the connector labelled AUX or A.
- Replace the wireless network bay cover, then tighten the cover screw.
- Insert the battery, then turn your notebook over.
- Connect the power adapter, the modem cable, and the network cable.
- Reconnect all peripheral devices and replace any PC Cards.
- Turn on your notebook.



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