Replacing the Gateway 200ARC Keyboard

This package includes a replacement keyboard for your Gateway 200ARC notebook and these printed instructions.

Tools you need

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

Preventing static electricity discharge

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

Warning	ESD can permanently damage electrostatic discharge-sensitive components in your notebook. Prevent ESD damage by following ESD guidelines every time you replace the keyboard.

Warning	To avoid exposure to dangerous electrical voltages and moving parts, turn off your notebook and unplug the power cord and modem and network cables and remove the battery before opening the case.

Before replacing the keyboard, follow these guidelines:

- Turn off your notebook.
- 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.

Warning	To prevent risk of electric shock, do not insert any object into the vent holes of the notebook.

- Touch a bare metal surface on your workbench or other grounded object.

- Unplug the power cord and the modem and network cables.

- Remove the battery. For more information, see "Changing batteries" in your user's guide.

- Disconnect all peripheral devices and remove any PC Cards.

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.

Removing the keyboard

▶ To remove the keyboard:

1 Follow the instructions under "Preventing static electricity discharge" on page 1.

2 Turn off your notebook.

3 Remove any PC Cards.

4 Disconnect the AC adapter and modem and network cables.

5 Disconnect the optional port replicator.

6 Turn your notebook over so the bottom is facing up.

7 Remove the battery.

8 With a small Phillips screwdriver, remove the two keyboard screws and put them in a safe place.

Screws

9 Turn your notebook over so the top is facing up.

10 Open the LCD panel to the normal viewing position.

11 Insert the small flat-blade screwdriver in front of the keyboard in the locations shown and gently pull the three spring-loaded tabs toward you. The keyboard will spring up slightly.
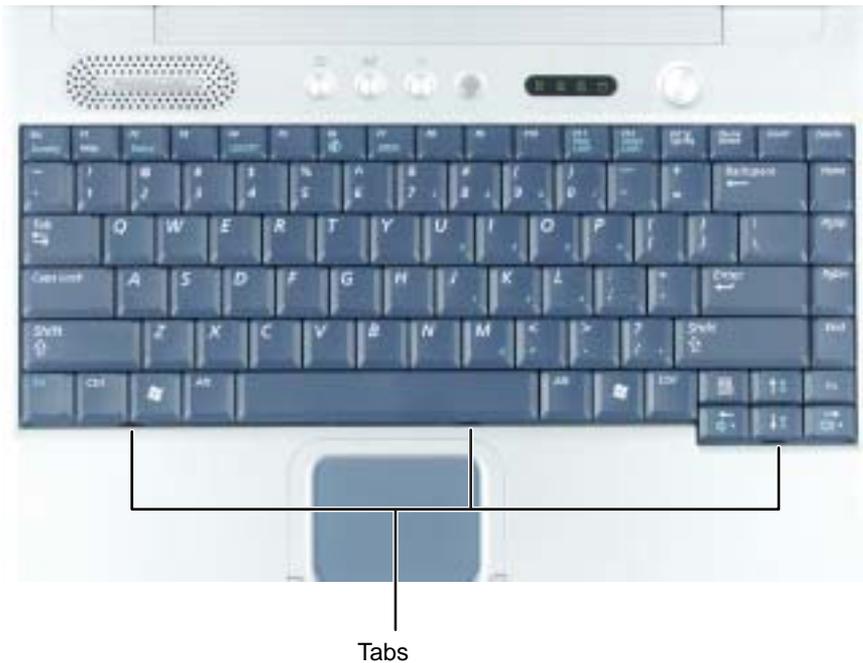
Tabs

12 While lifting the front of the keyboard, slide the keyboard toward you to release the five tabs at the back of the keyboard.

13 Lift the back edge of the keyboard, then slowly rotate it toward you so it lies **keys-down** on top of your notebook. Be careful not to damage the LCD panel.

14 Using two fingers, slide the plastic keyboard connector clamp forward. After the keyboard connector clamp is in the forward position, gently pull the keyboard cable out of the connector. Be careful not to touch or damage any other components.
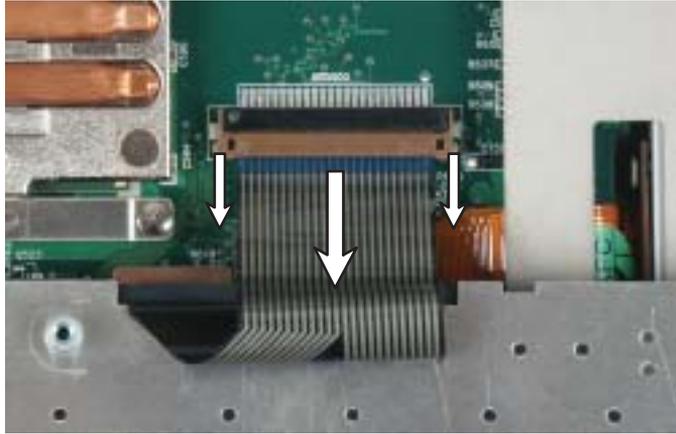
Installing the keyboard

▶ **To install the keyboard:**

1 Place the new keyboard **keys-down** on your notebook with the space bar away from you.

2 Locate the keyboard connector clamp and pull forward on it to verify that it is in the forward position.

3 Slide the end of the keyboard cable into the keyboard connector.

4 Using two fingers, press backward on the keyboard connector clamp. This locks the keyboard cable into the keyboard connector.

5 Rotate the keyboard toward the LCD panel until the keyboard is almost face-up.

6 Insert the tabs on the back of the keyboard under the keyboard bezel.

7 Gently press the front of the keyboard down until the spring loaded tabs click into place and the keyboard is flat all the way across. The keyboard should easily fall into place. Be careful not to damage the LCD panel.

8 Close the LCD panel.

7

9 Turn your notebook over so the bottom is facing up.

10 Replace the two keyboard screws.

11 Replace the battery.

12 Connect the power adapter and modem and network cables, then turn on your notebook.

Technical Support

See your user's guide for Gateway Technical Support information.

Safety, Regulatory, and Legal Information

See your user's guide for important safety, regulatory, and legal information.