

# ATA Cable Replacement Instructions

Follow the instructions in this sheet carefully. Failure to follow these instructions could damage your equipment and void its warranty.

**Note:** Written and video instructions covering customer-installable parts are available at <http://www.info.apple.com/installparts/>.

**Warning:** During this procedure, keep small parts away from children.

## Tools Required

The only tool required for this procedure is a Phillips screwdriver.

## Opening the Computer

**Warning:** Always shut down your computer before opening it to avoid damaging its internal components or causing injury. After you shut down the computer, the internal components can be very hot. Let the computer cool down before continuing.

1. Place your computer on a clean, flat surface.
2. If you think your computer is in sleep, press the power button on the front of the computer to wake it.
3. Shut down your computer and wait five minutes before continuing.
4. If you attached a security cable through the computer's lockable cover latch, remove the cable.
5. Unplug all other cables from the computer except the power cord.

6. Touch the metal PCI access covers on the back of the computer. **(Figure 1)**

**Figure 1**



**Important:** To avoid electrostatic discharge, always ground yourself by touching the port access covers before you touch any parts or install any components inside the computer. To avoid static electricity building back up in your body, do not walk around the room until you have completed the installation and closed the computer.

7. Unplug the power cord.

**Warning:** The power supply in your computer is a high-voltage component and should not be opened for any reason, even when the computer is off. If the power supply needs service, contact your Apple reseller or Apple Authorized Service Provider.

8. Lift the latch on the right side access panel.
9. Gently lower the access panel until it lies flat. To avoid scratching the case, lower the panel onto a soft, clean cloth.

**Warning:** If you see any lights glowing on the main logic board, the computer has not been shut down. Close the side access panel and shut down the computer before proceeding.

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## Removing the ATA Cable

1. Disconnect the ATA 100 cable from the logic board. **(Figure 2)**

**Figure 2**



2. **Note:** To reach the ATA cable connector on the back hard drive, you may need to remove the carrier. If so, use a Phillips screwdriver to remove the mounting screw that holds the carrier to the chassis. Then pull the carrier lever forward and slide up the carrier to disconnect it from the chassis. **(Figure 3)**

**Figure 3**



3. Rotate the carrier back from the chassis far enough to reach the drive cables.  
Disconnect the ATA ribbon cable from the hard drive(s). **(Figure 4)**
4. Open the cable clamp at the bottom of the chassis to free the ATA cable.

**Figure 4**

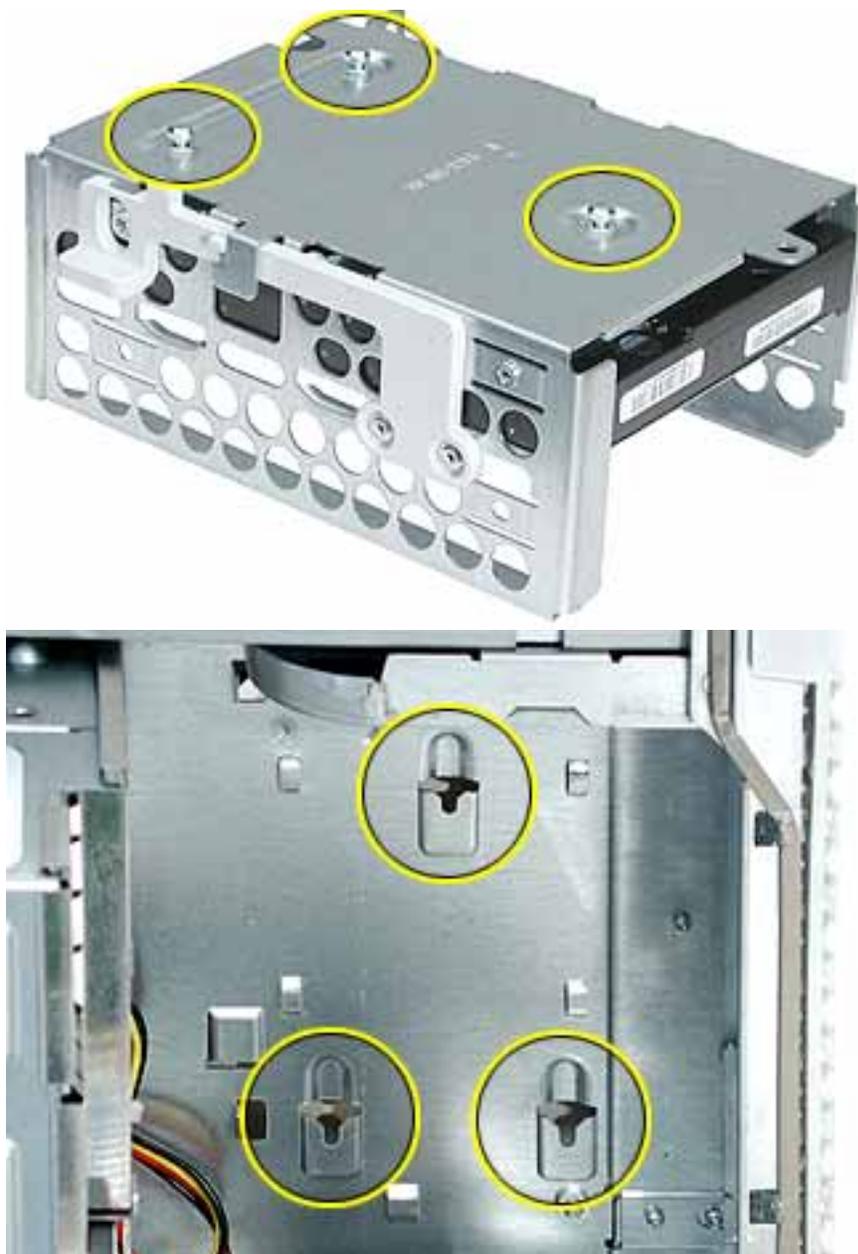


## Installing the Replacement ATA Cable

1. Connect the ATA cable to all drives.
2. Reinstall the hard drive carrier, if necessary.

**Note:** Be sure to align the mounting pegs on the back of the carrier with the notches in the chassis. Then press the carrier in and down until the pegs engage and the left side lever clicks into place. (Figure 5)

Figure 5



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3. Secure the ATA cable with the cable clamp.
  4. Connect the cable to the logic board.

## Closing the Computer

1. Raise the side access panel, lift the latch, and press the panel against the case until it snaps securely into place.
2. Reconnect all cables and restart your computer.

**Warning: Never turn on your computer unless all of its internal and external parts are in place and it is closed. Operating the computer when it is open or missing parts can damage your computer or cause injury.**

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