Mac Pro RAID Card and Battery
Replacement Instructions

First Steps

Note: Follow these instructions carefully. Failure to do so could damage your equipment and void its warranty.

1 Shut down computer.

2 Wait 10 minutes.

⚠️ **Warning:** Parts inside computer can be very hot. Allow computer to cool down before continuing.

3 Unplug all external cables except power cord.

4 Touch metal PCI cover on back of computer.

5 Unplug power cord.
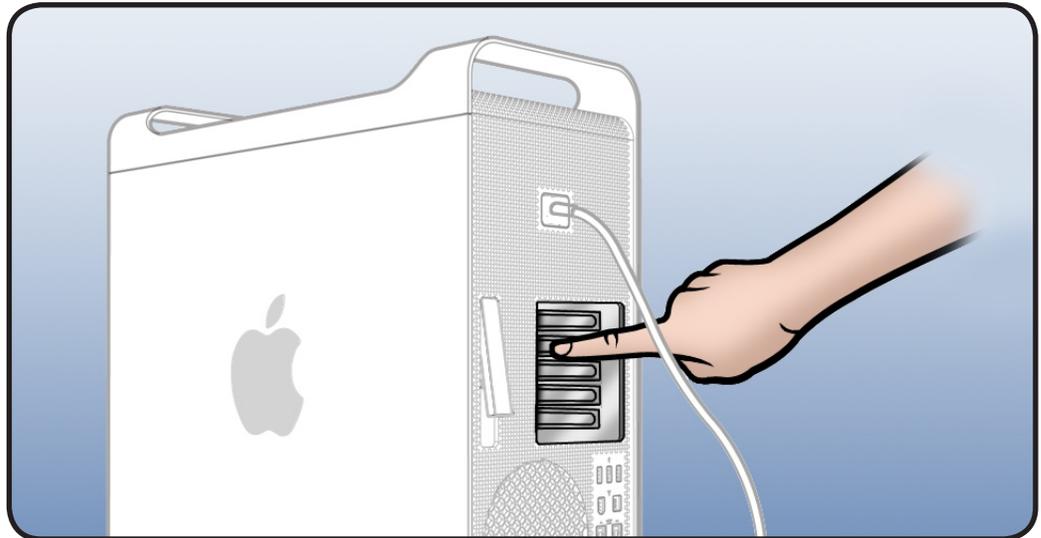
Opening the Computer

1 Hold side access panel and lift latch on back of computer.

⚠️ **Warning:** Edges of access panel and enclosure can be sharp. Be careful when handling.

2 Remove access panel and place it on flat surface covered by soft, clean cloth.
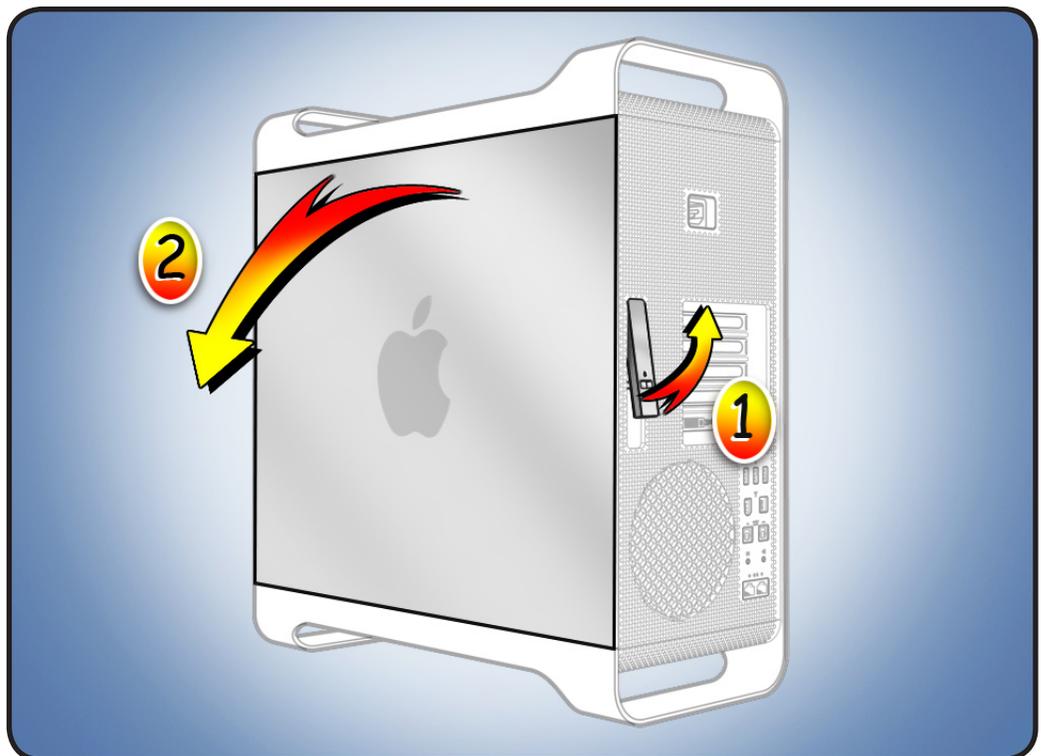
Required Tools

Phillips #1 screwdriver

⊕ # 1
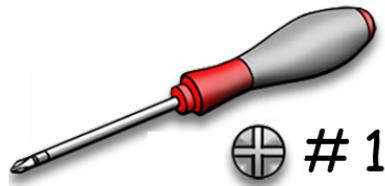
Removing the Installed RAID Card and Battery

1 Locate RAID card.
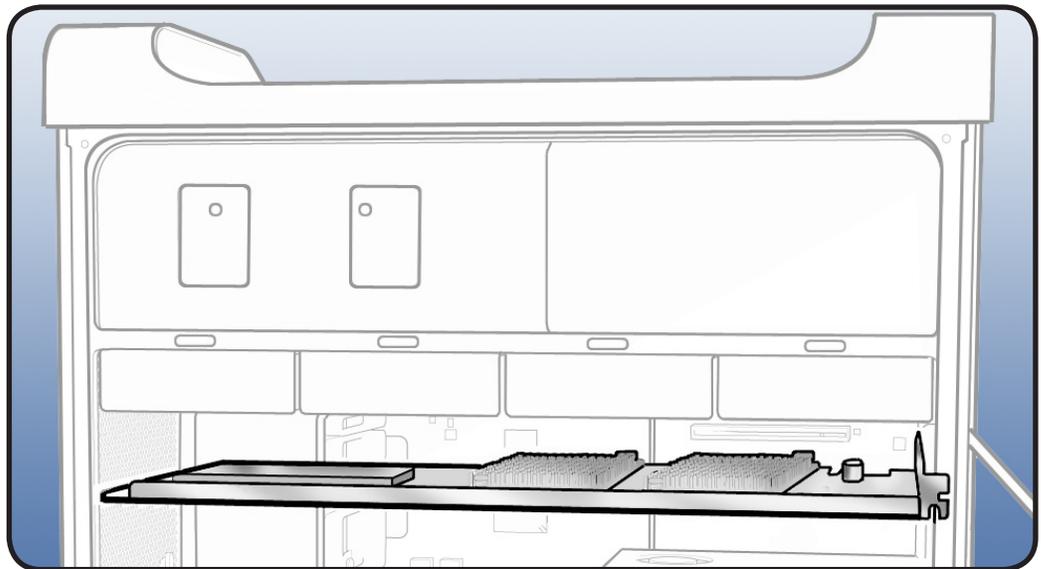
Note: Before removing or installing a RAID card, you must remove all hard drives. Also remove any 12-inch PCI card blocking access to the RAID card.

2 Make sure latch on back panel is up, so that drive is unlocked.

3 Pull hard drive out of far-left drive bay.

4 Repeat for remaining drives.
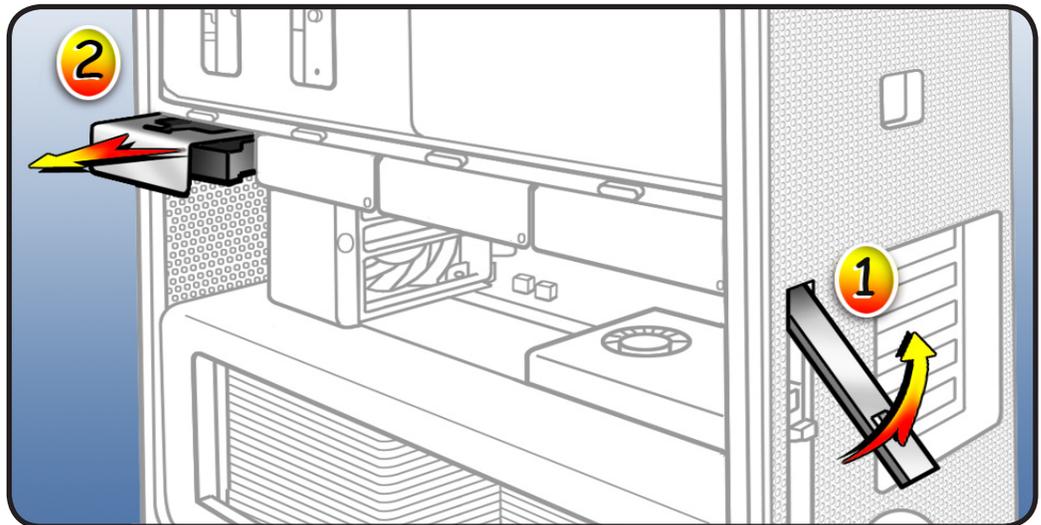
5 Using Phillips #1 screwdriver, loosen **2** captive screws securing card's bracket to enclosure.

6 Remove bracket from enclosure.
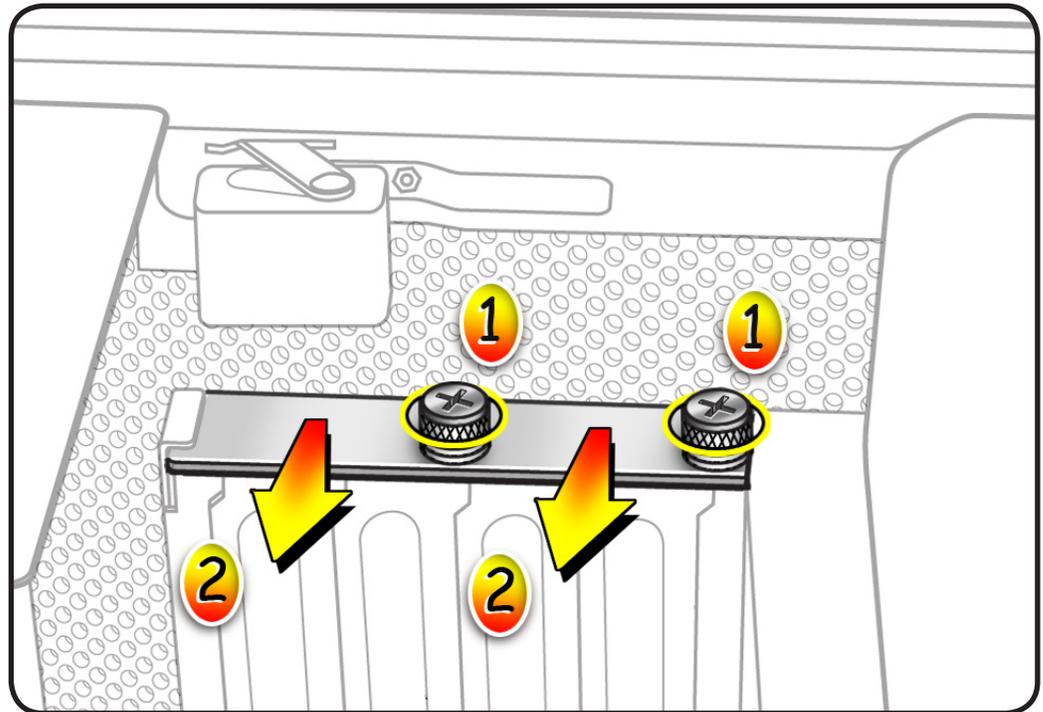
Note: Card is held in place by retention bar. Following two steps explain how to release bar.

7 Press button on PCI slider.

8 Move slider to left, which releases card's retention bar.

9 Holding card by top corners, gently pull up and remove card from computer.
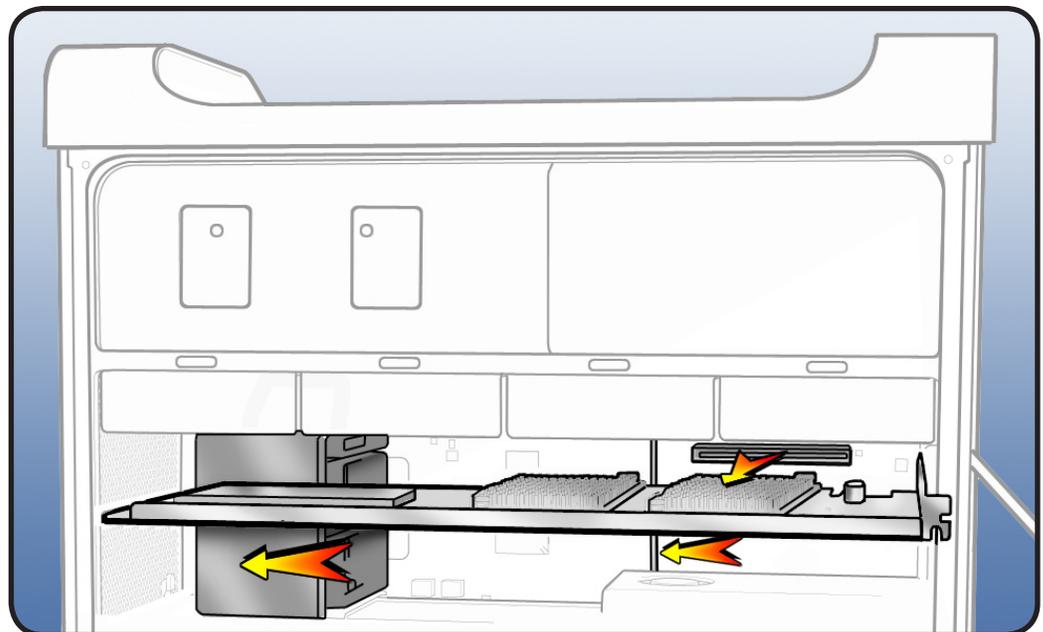
Note: When removing or installing card, handle it only by the edges. Do not touch its connectors or any components. Lift card straight out from connector to remove it, and insert it straight into connector to install it.

10 To replace card's
    battery:

• Disconnect battery
  cable from card.
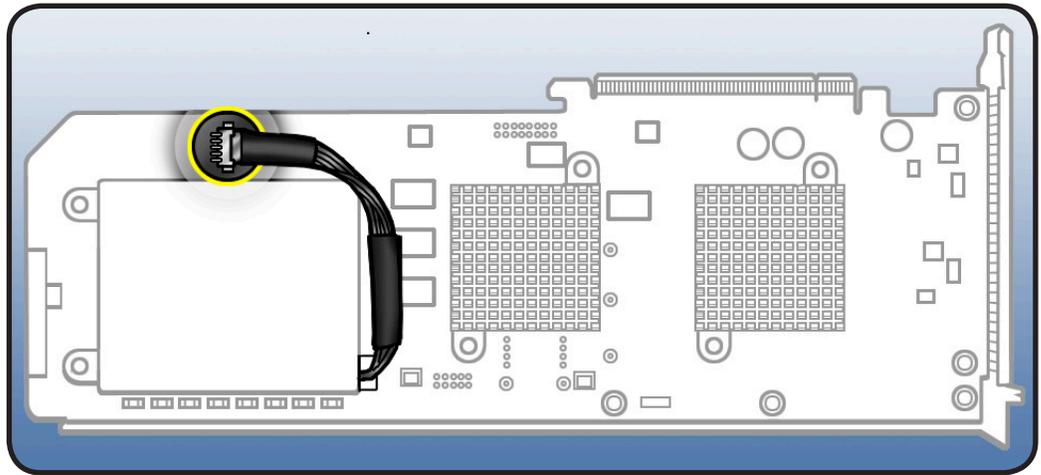
• Remove **3** screws and
  lift battery from card.
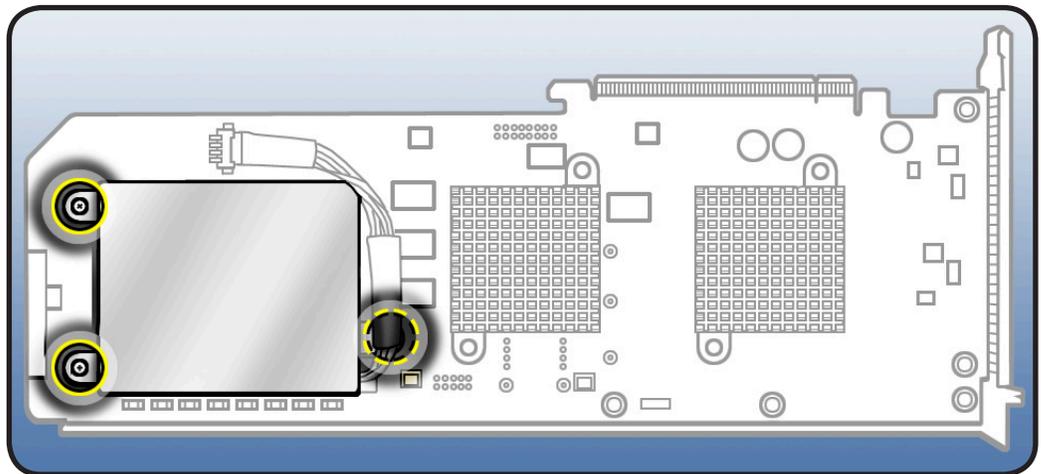
• Install replacement
  battery.

Installing the Replacement RAID Card and Battery

Note: Mac Pro RAID Card must always be installed in PCI slot 4.

1 Align card's connector with PCI slot 4 and press until connector is inserted all the way into slot. Make sure card also engages in slot 4 of PCI card guide.

2 Press button on PCI slider.

3 Move slider to right to secure card.
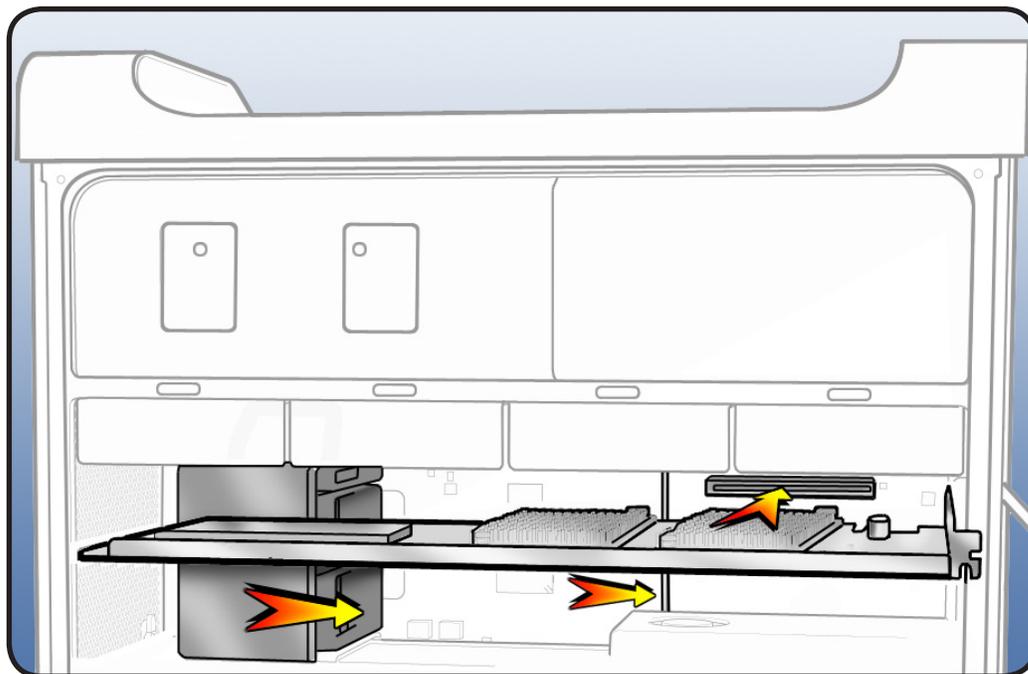
4 Replace PCI bracket and tighten screws.

    Note: Slide bracket under circled tab.

Note: System Profiler does not display the serial number for the Mac Pro RAID Card. You can find the serial number by checking the serial number sticker on the back of the card.
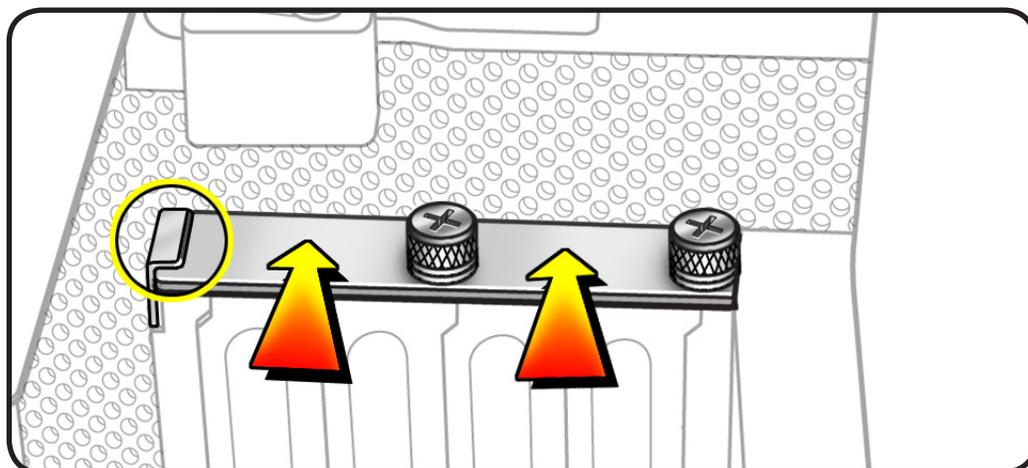
5 Replace any other PCI cards previously removed.

6 Replace all hard drives in drive bays.
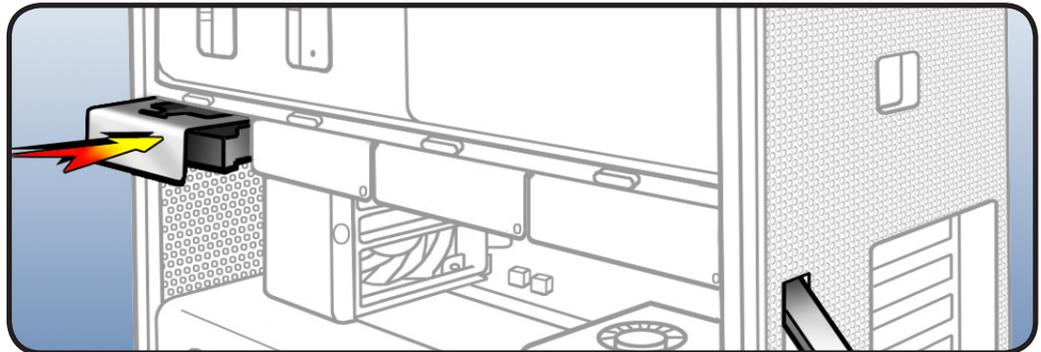
Closing the Computer

1 Replace access panel.

Note: Make sure latch is up before you replace panel. If latch is down, panel will not seat correctly.

2 Push latch down to close and secure access panel.

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

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