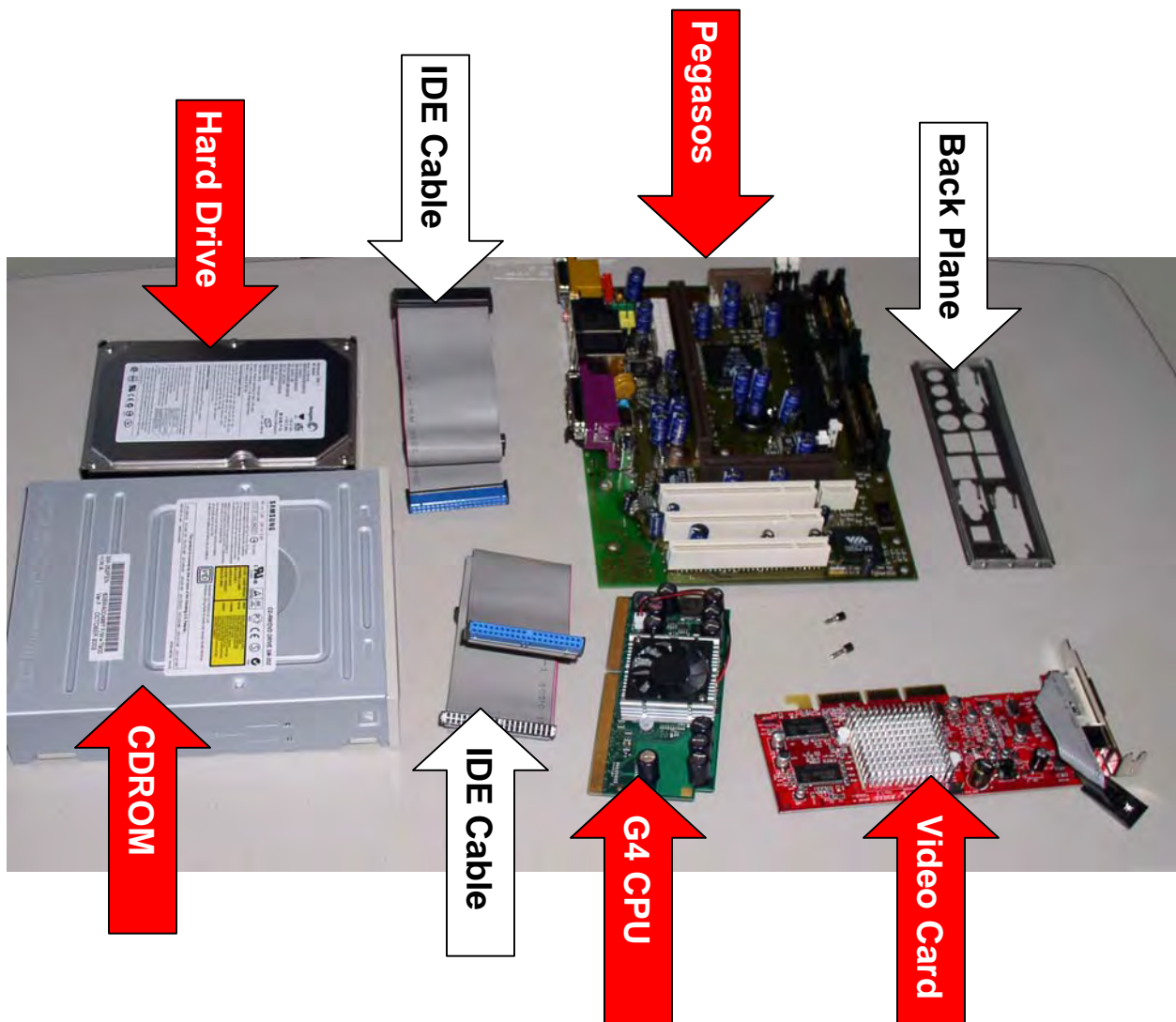# Open Desktop WorkStation
System Components
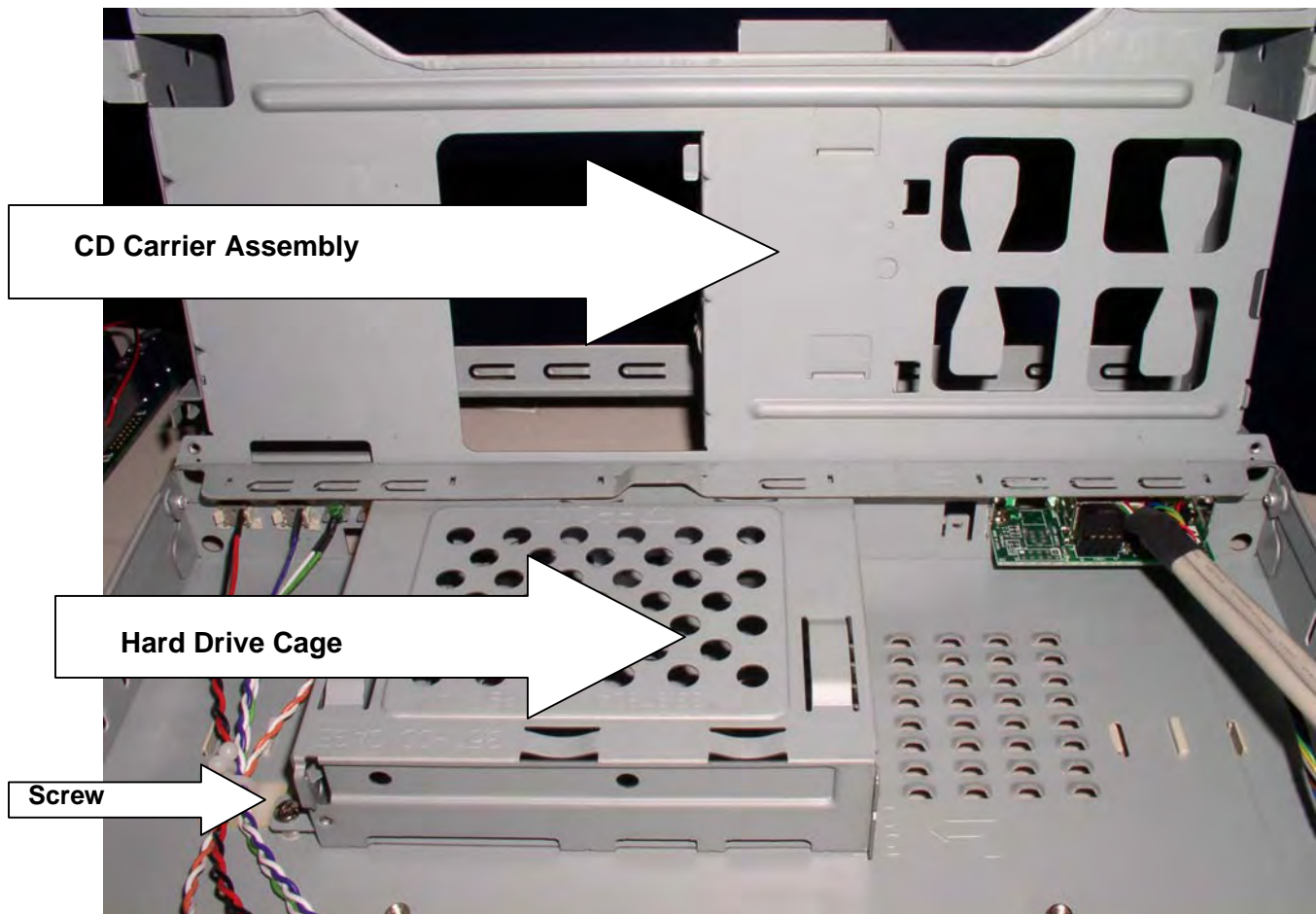# Items Labeled in RED are ESD Sensitive

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component

Remove top of case
Open CD carrier
Remove Hard Drive Cage

Hard Drive Cage –
Remove screw shown
Slide cage in the direction of the arrows.

**When handling components, proper ESD protection procedures must
be observed. Always touch case BEFORE handling ANY component**
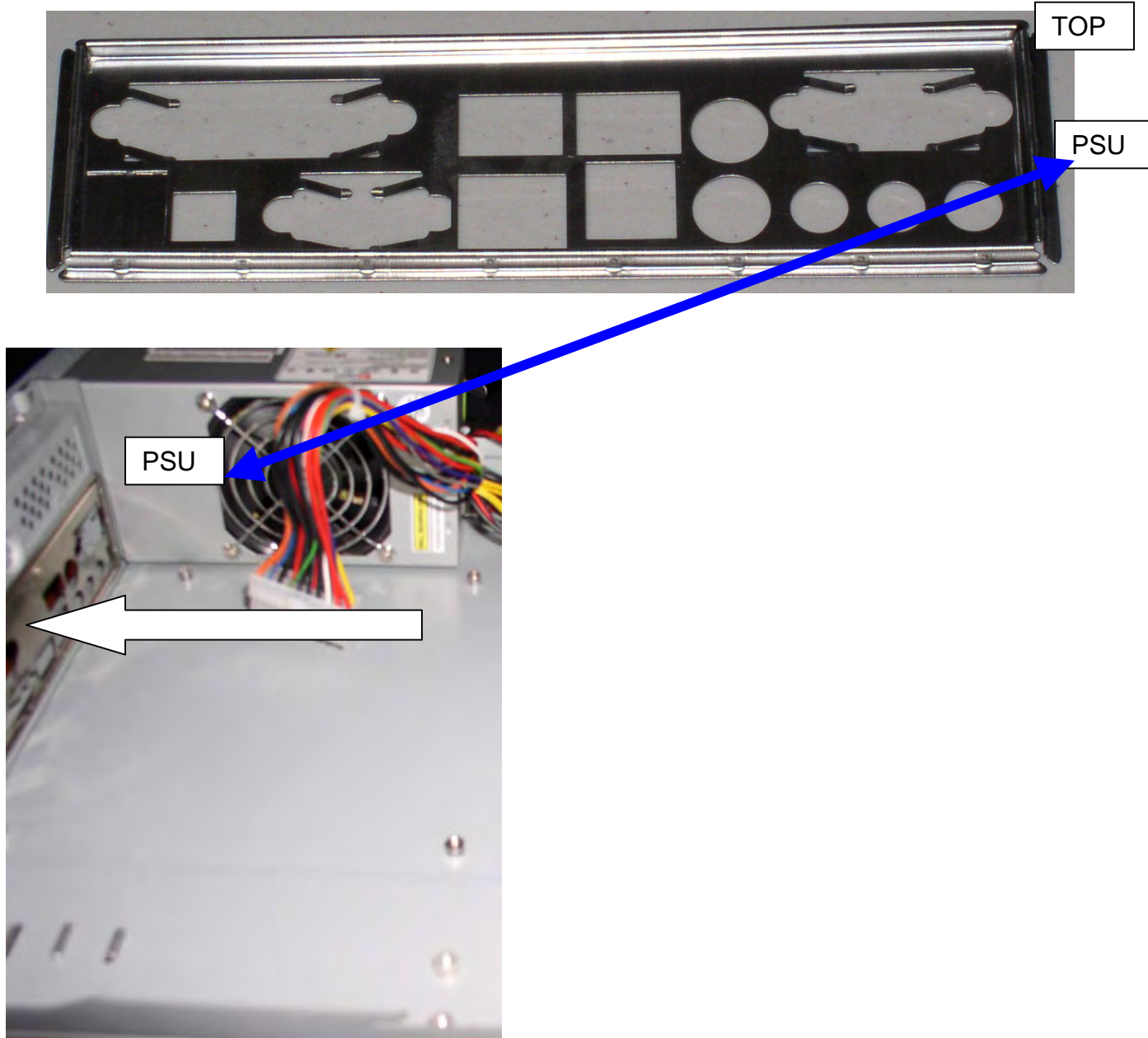
HARD DRIVE INSTALLATION

Install hard drive in cage and replace cage

Note that side of hard drive with label is installed towards the bottom of the cage.

Install cage by placing it in position, sliding in the direction of the arrow and re-inserting the screw.

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component

Installation of Pegasos BackPlane

TOP

PSU

PSU
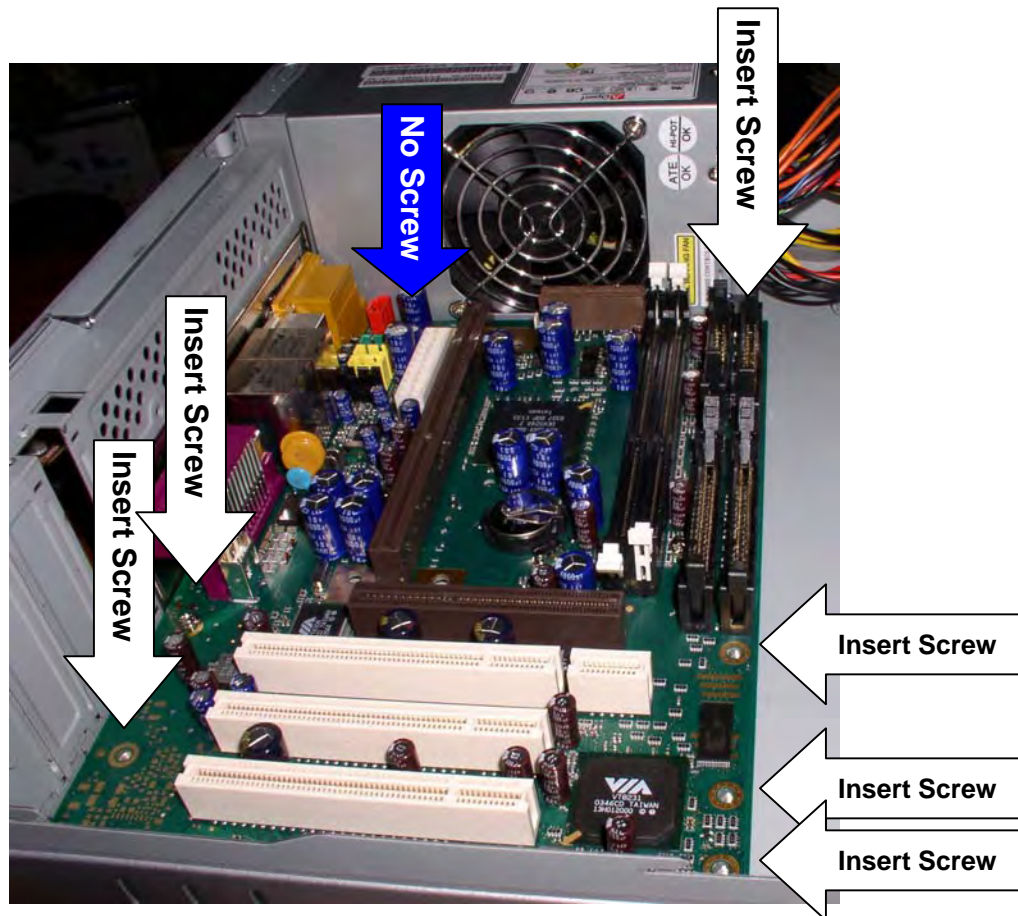
Remove backplane piece included with case.

Insert Pegasos backplane from the inside of the case.

Orientation is as shown

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component

Install Pegasos Mainboard
Mainboard is an ESD Sensitive Part – Observe Precautions

Align back of board to backplane.

Insert 6 screws in Screw motherboard into case at all points indicated by white arrows.

Do not insert screw next to PSU

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component
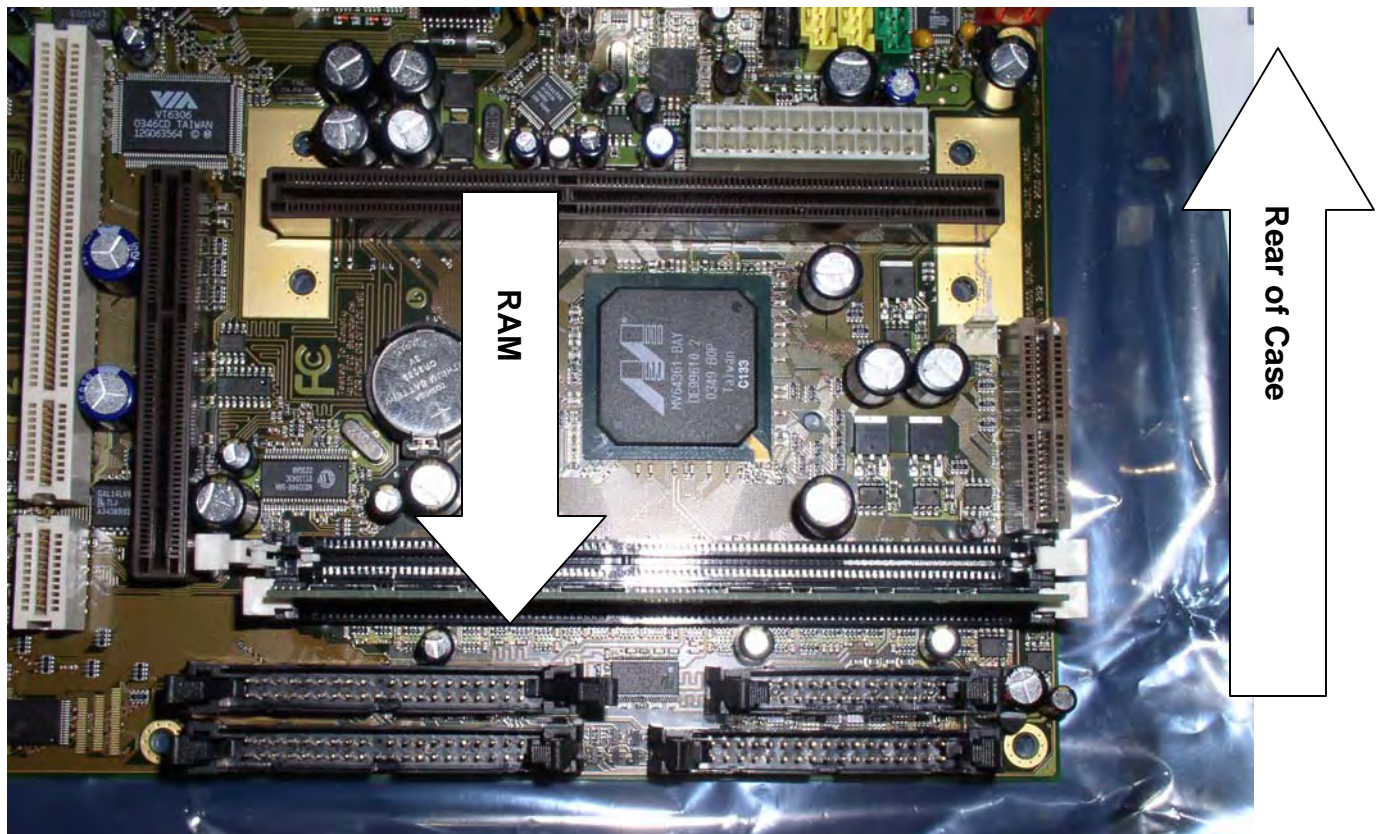
Install RAM on Pegasos Mainboard
RAM and Pegasos Mainboard are ESD sensitive
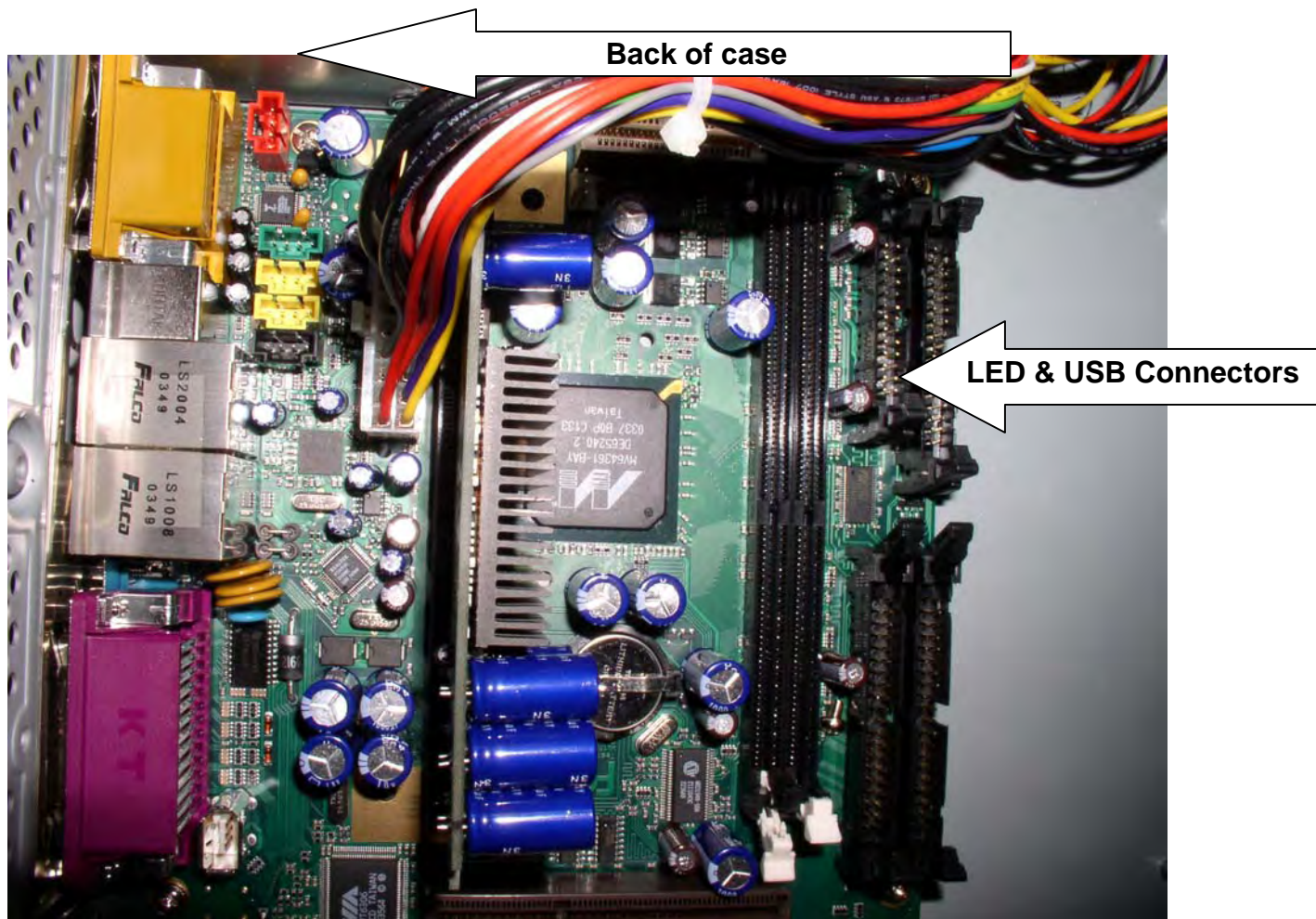## Observe Precautions

Install RAM

RAM

Insert RAM module into slot.
Chips face to rear of case.
Press into place until white fasteners engage.

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component

Make LED and USB Connections
Mainboard is ESD Sensitive
Use Precautions

The LED and USB Connectors are to the front of the board,located as shown below

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component
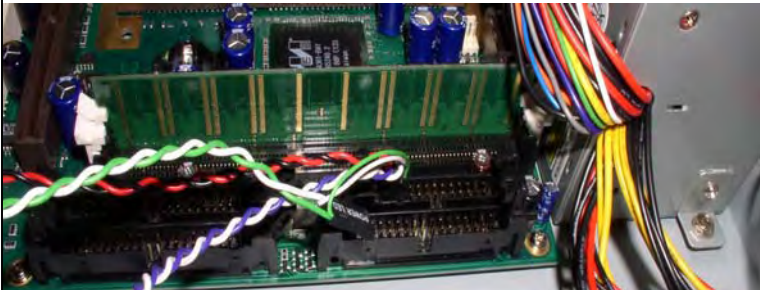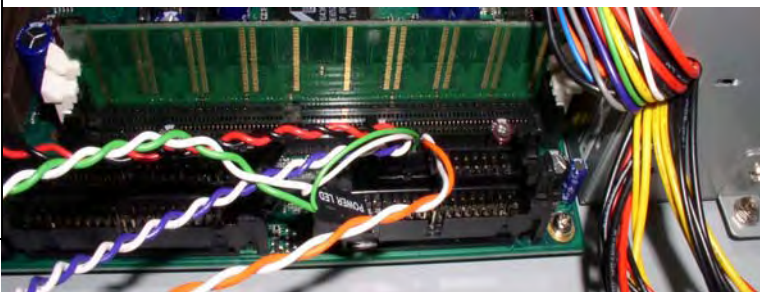
Back of Case

Connect red and black wire, to first two pins Black to the back

Connect blue and white wire, white to the back

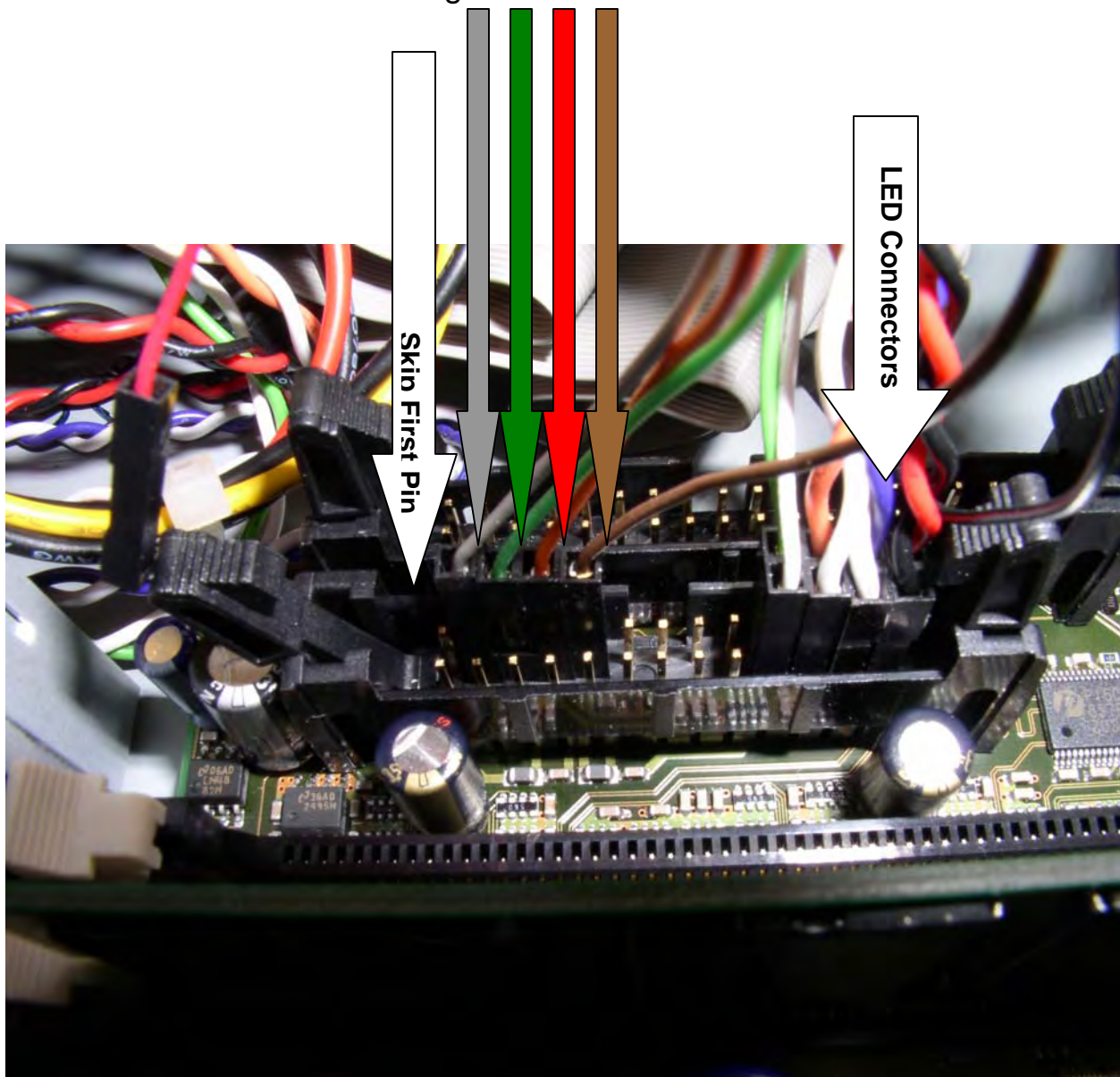Connect green and white wire, white to back

Connect orange and white wire, white to the back

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component

Connect USB From USB Cable
Mainboard is ESD Sensitive
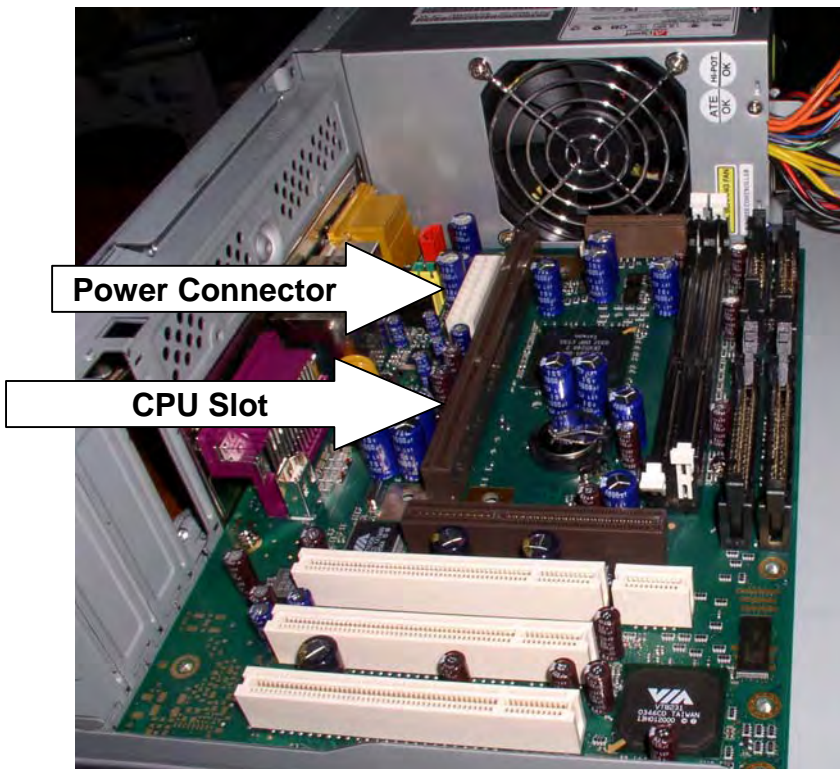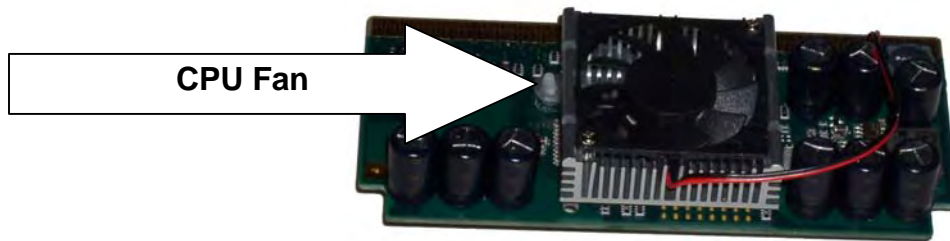## Use Precautions

Connect USB Wires according to color scheme shown below.
Skip First Pin, as shown
Note LED connectors to the right

**When handling components, proper ESD protection procedures must
be observed. Always touch case BEFORE handling ANY component**

Install CPU

CPU and Mainboard are ESD Sensitive Observe Precautions

CPU Fan

CPU Installed
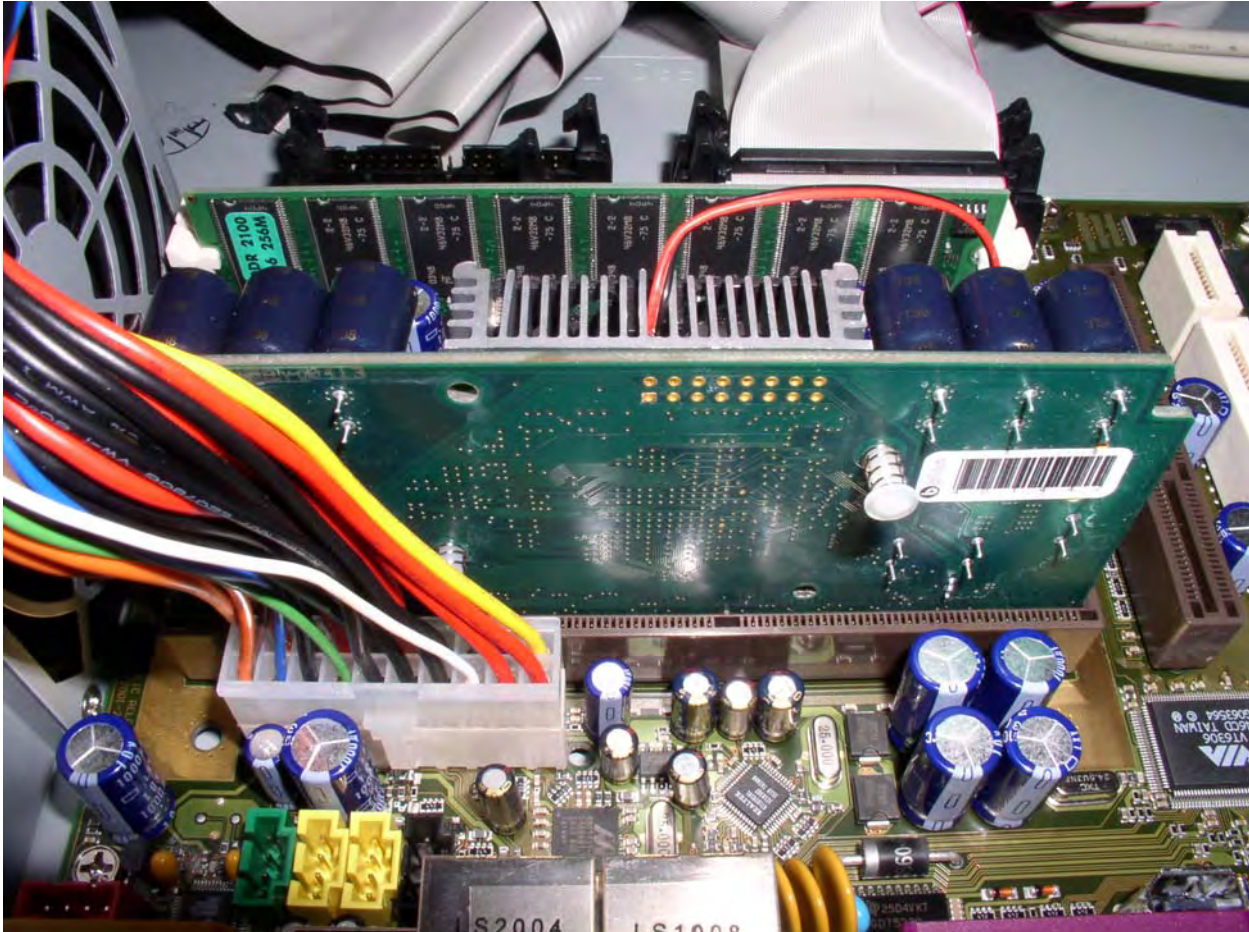
Power Connector

CPU Slot

Front of Case

Carefully press CPU into Slot.
Note: Fan faces front of case

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component

Connect Power Cable
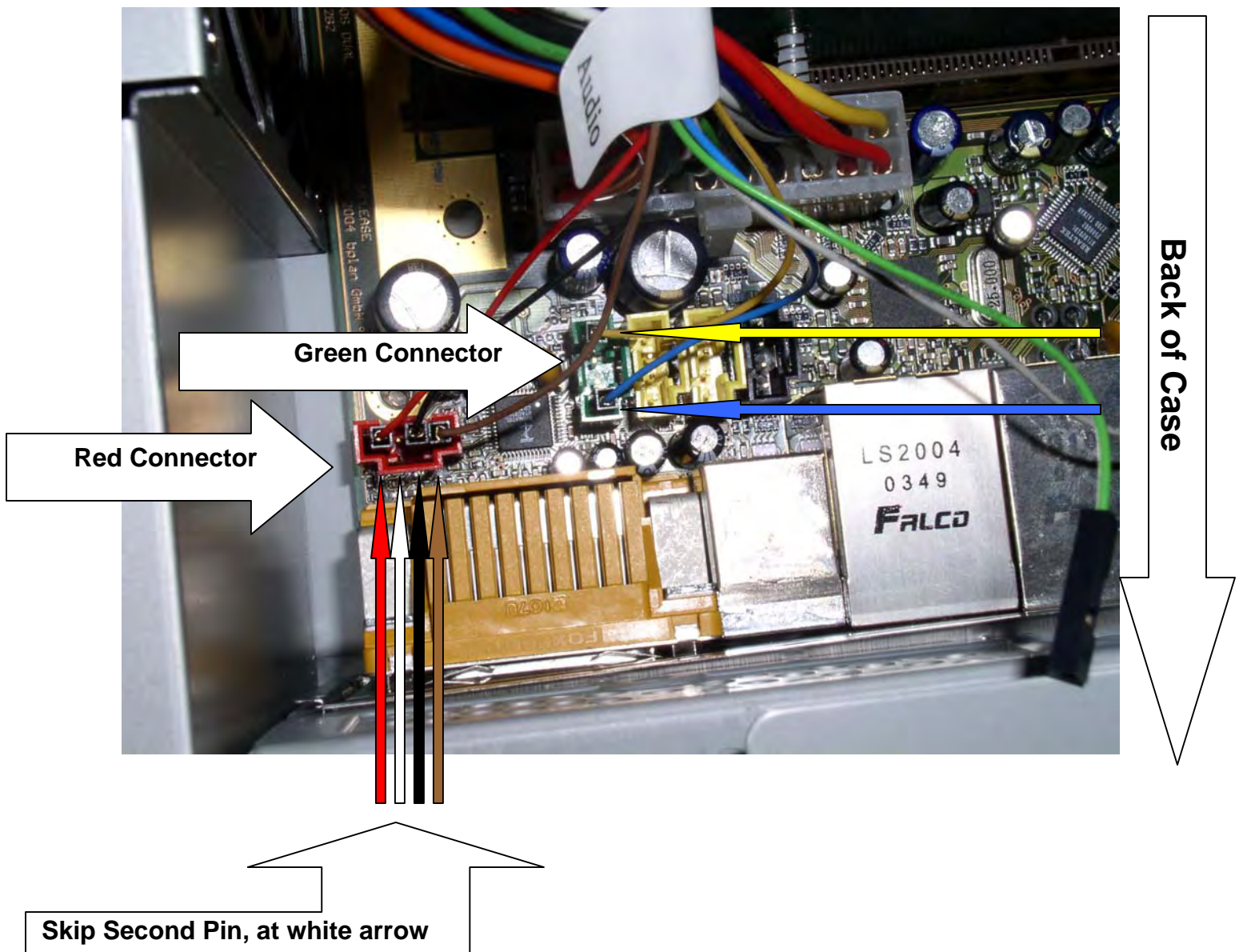## Mainboard is ESD Sensitive
Use Precautions

Carefully insert Powercable into connector
Note orientation of connector
Press until latched

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component

Make Rear Connectors from Audio Cable
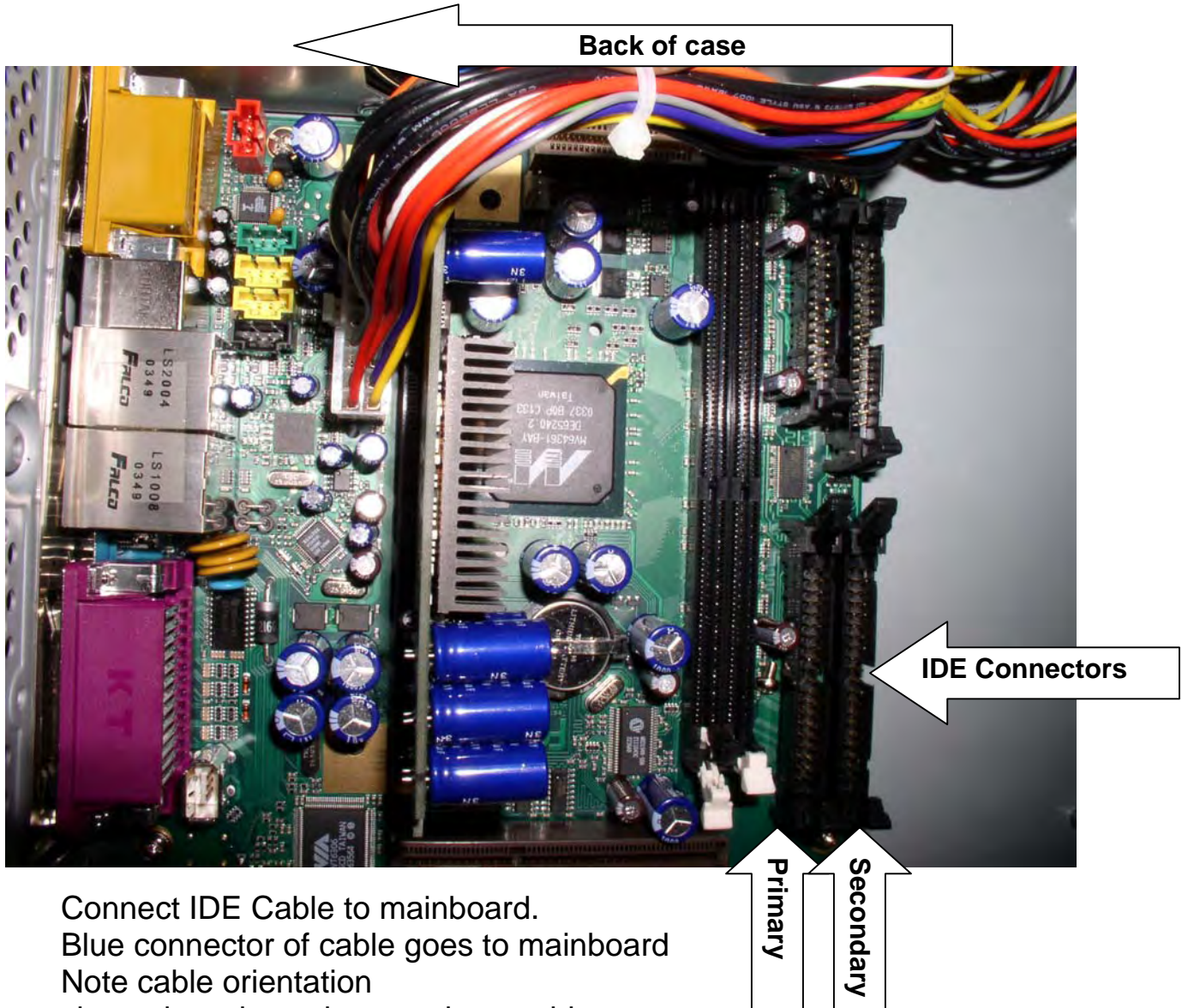## Mainboard is ESD Sensitive
Use Precautions

In red connector, place red, black and brown wires, as shown.
In green connector, place blue and yellow wire as shown.

Green Connector

Red Connector

Back of Case

Skip Second Pin, at white arrow

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component
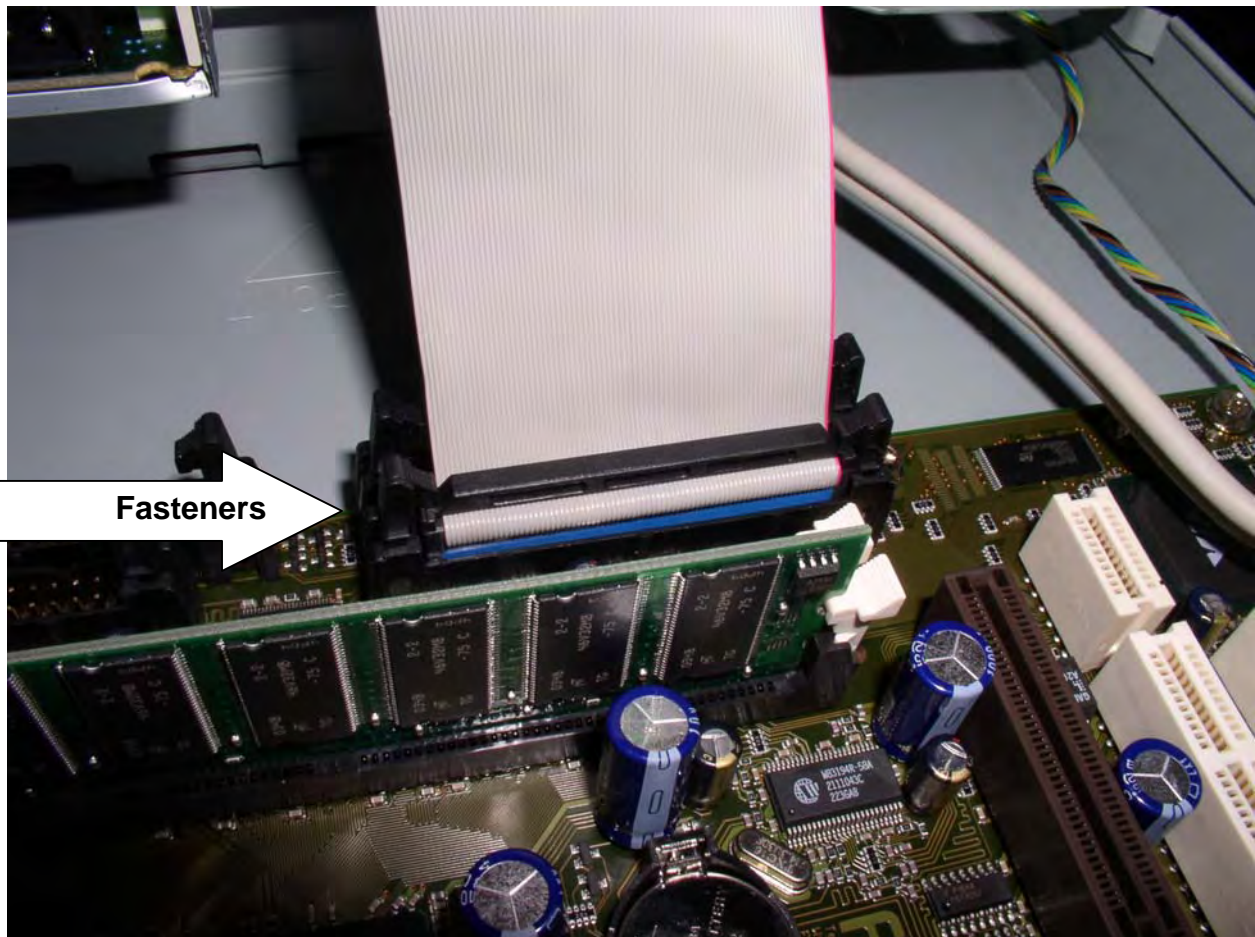
Connect IDE Cables to Mainboard
Mainboard is ESD Sensitive
Use Precautions

Back of case

IDE Connectors

Primary

Secondary

Connect IDE Cable to mainboard.
Blue connector of cable goes to mainboard
Note cable orientation
slot on board matches notch on cable

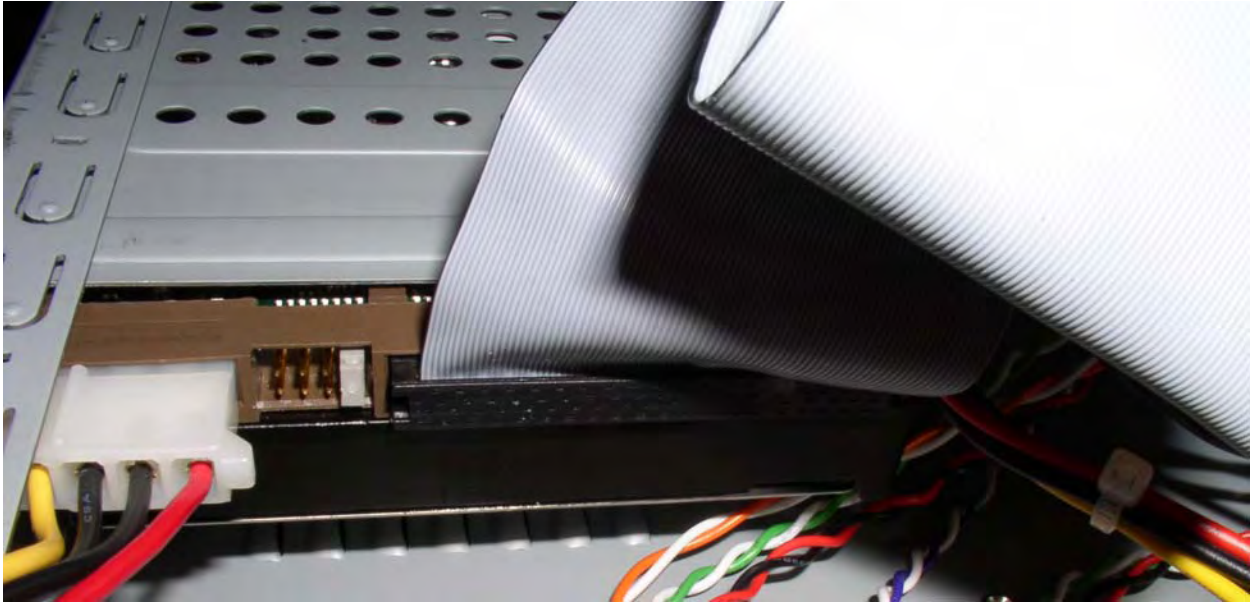**When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component**

IDE Connected to Board
Mainboard is ESD Sensitive
Use Precautions

Fasteners

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component
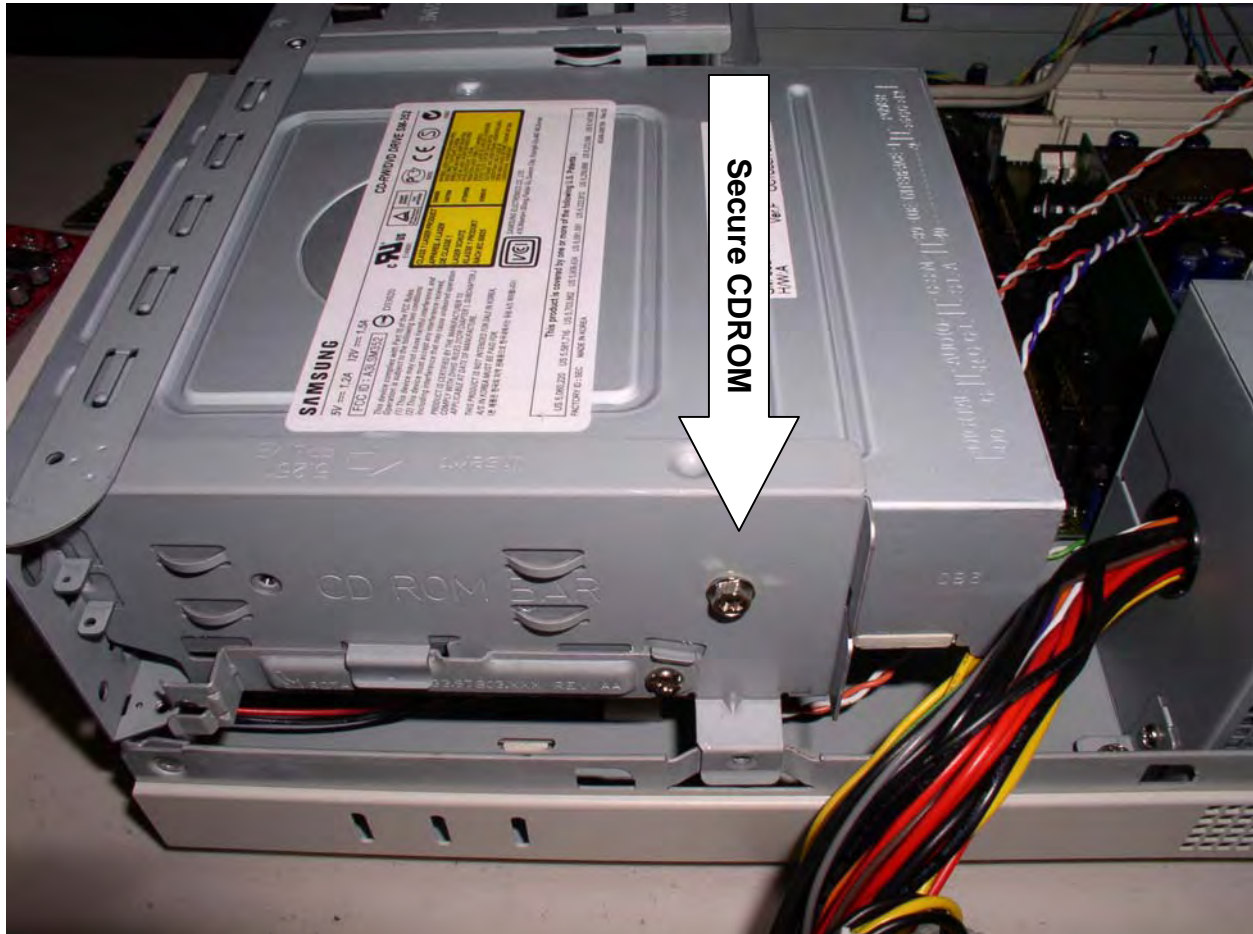
Connect IDE and Power Cable to Hard Drive

Connect Power Cable to Hard Drive.
Note connector orientation
Connect IDE Cable to Hard Drive
Align tab in cable to slot in Hard Drive Connector.

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component
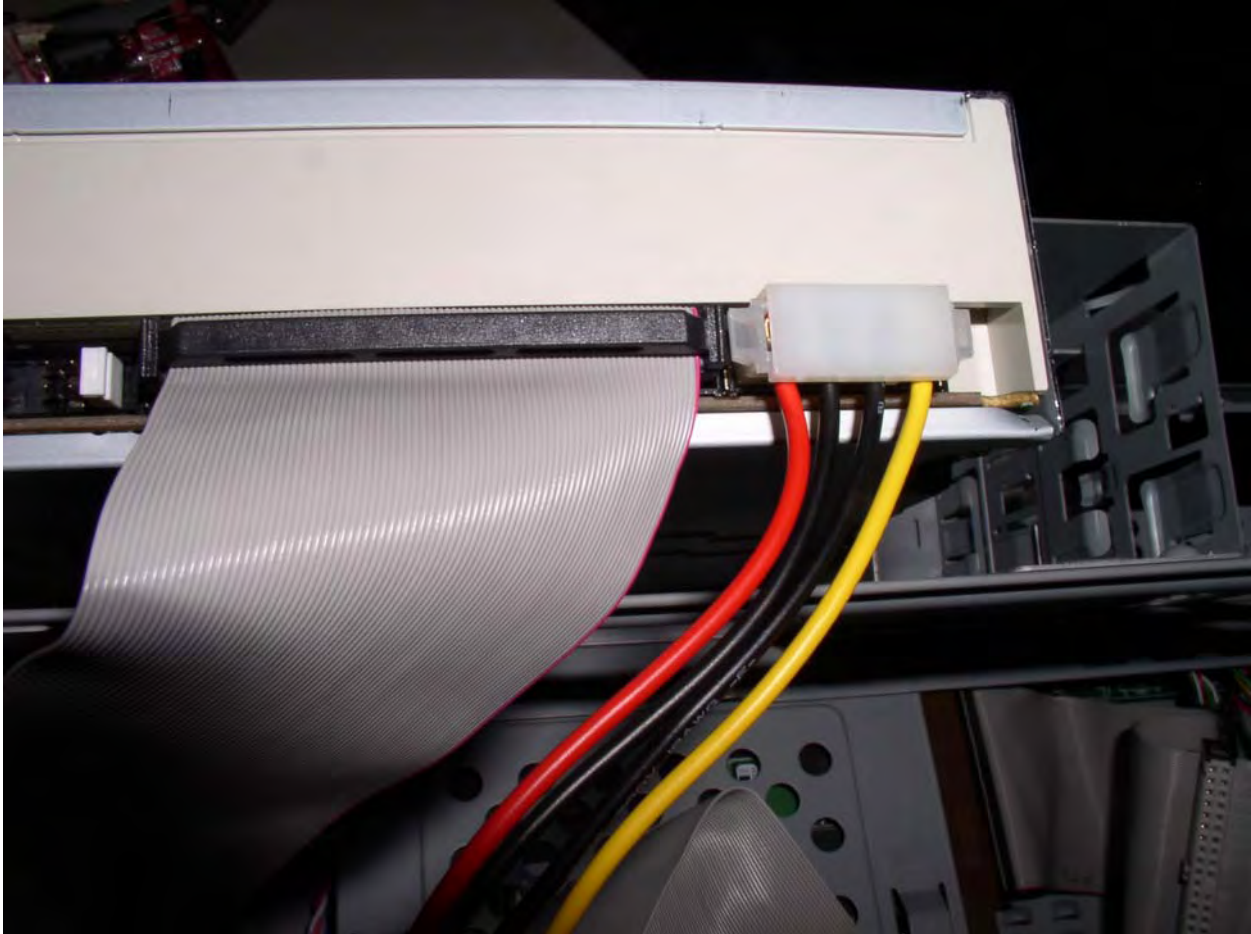
Install DVD / CD

Insert CDROM into cage
Secure CDROM in cage using big, flat rounded screws

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component

Connect IDE and Power Cables to CDROM

Connect Power Cable –
Note cable orientation
Connect IDE Cable
Slot in CDROM aligns with notch in cable

**When handling components, proper ESD protection procedures must
be observed. Always touch case BEFORE handling ANY component**
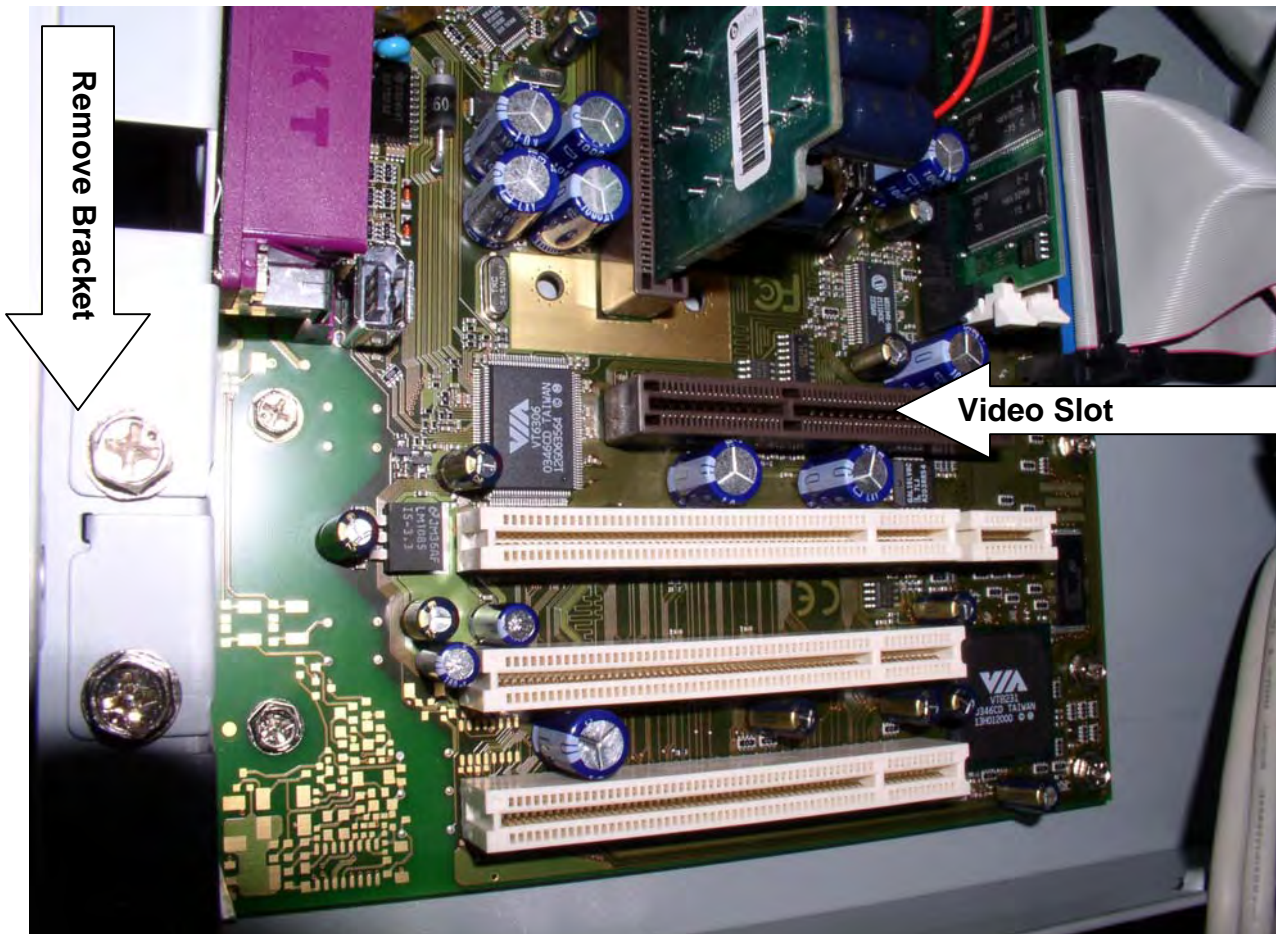
Secure CDROM Cage to Case

Secure CDROM cage to case using big, flat rounded screws

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component
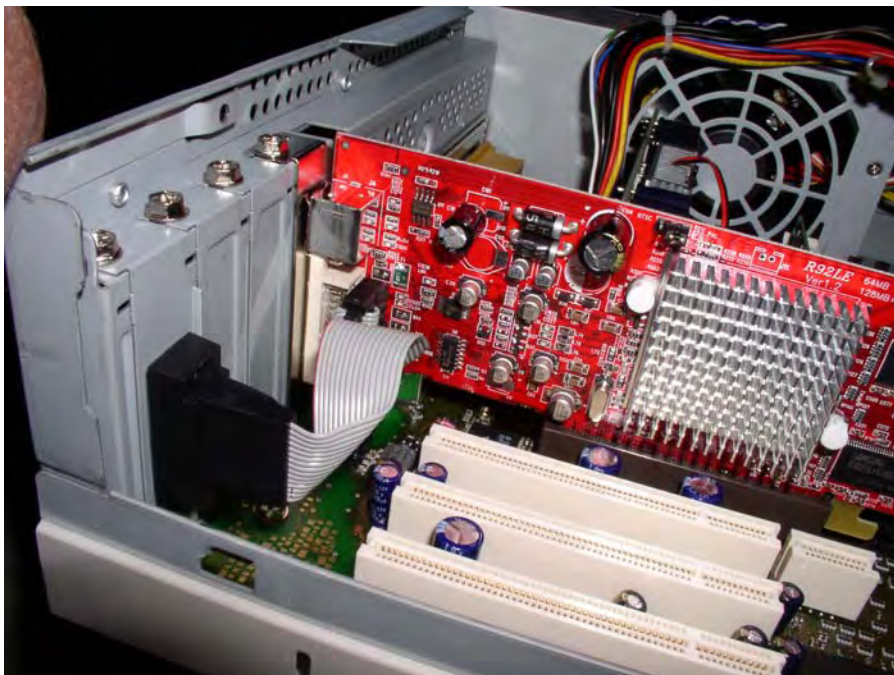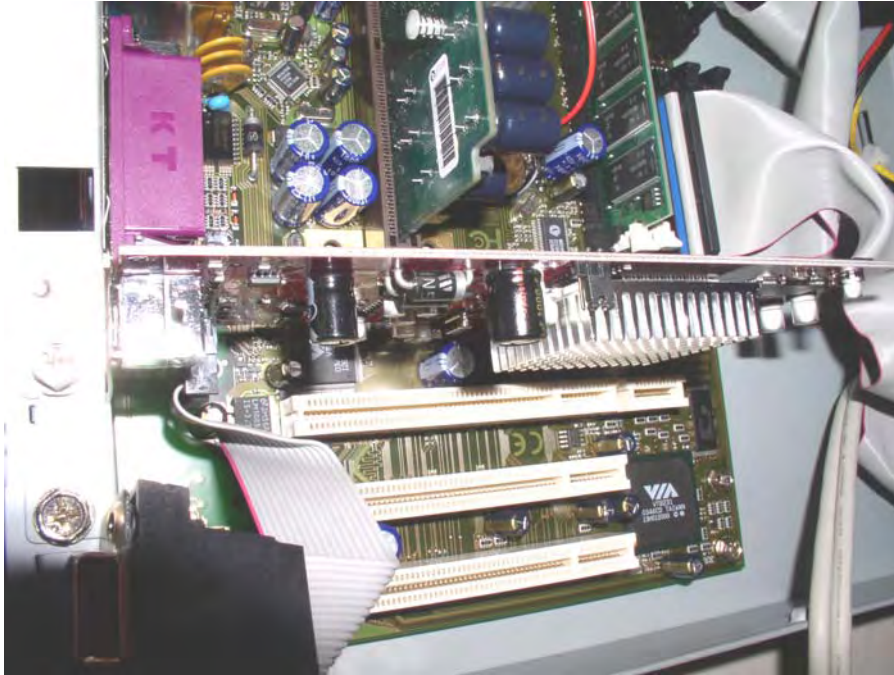
Install Video Card
Video Card and Mainboard are ESD Sensitive
Use Precautions

Remove designated bracket, save screw
Insert Video Card in slot
Screw Video Card into place

**When handling components, proper ESD protection procedures must
be observed. Always touch case BEFORE handling ANY component**

Video Card Installed

**When handling components, proper ESD protection procedures must
be observed. Always touch case BEFORE handling ANY component**

Case Clean-UP and Check

Gather loose wires

Secure with plastic wire holder

Ensure all screws are tight

Connect monitor, mouse and keyboard

Boot system to each operating system installed.

Replace case cover

Place system in box for shipping

When handling components, proper ESD protection procedures must be observed. Always touch case BEFORE handling ANY component