

# **Gateway SA1 Outer Casing Replacement**

Written By: Diego Carteno



# INTRODUCTION

Procedure for dissembling the outer casing of the laptop safely.

# **TOOLS:**

۶

- Phillips #00 Screwdriver (1)
- Spudger (1)

#### Step 1 — Battery



• Move the latch to the right of the battery to unlock.

#### Step 2



- Slide the latch on the left directly below the battery to unlock and pull out the battery as shown.
- (i) The latch must be held in position to remove the battery.

# Step 3 — Disk Drive



Unscrew the marked 5.9 mm Philips screw.

# Step 4



• Use the spudger to pry out the Disk dive.



• The disk drive should easily detach and can now be replaced.

### Step 6 — Outer Casing



- Remove the twelve 5.9 mm Philips screws from the back cover.
- Remove one 8.8 mm Philips screw from the back cover.



- Unscrew the two 5.9 mm Philips screws located on the the side closest to the battery.
- Unscrew the three 3.6 mm Philips screws that are within the Disk drive port.

#### Step 8



• Remove the hinge covers by lifting each with the sharp point of the spudger.

(i) Notice that the middle cover has a different shape and is more difficult to remove.



 $\bigwedge$  There will be a connection underneath the speaker cover.

• Remove the speaker cover using the spudger.

# Step 10



Unscrew the two 3.9 mm Philips screws and remove the keyboard.



A Carefully lift the keyboard off from the laptop. It is still attached as shown.

- Using the spudger, detach the connector by pushing two tabs away from the white connector and then gently pulling the connector away.
- (i) The brown colored component with the tabs does not come out with the connector.

#### Step 12



• Lift up the black tab and gently pull out the connector.



• Unscrew the four marked 5.9 mm Philips screws.

# Step 14



• Move the wires out of the fixed space as shown.



- Unscrew the five marked 3.8 mm Philips screws.
  - Three screws are located on the right side of the screen.
  - Two screws are located on the left side of the screen.

# Step 16



• Remove the screen brackets from the computer's base.



- Remove the four 5.9 mm Philips screws as indicated:
  - There is one somewhat hidden screw on the left side under the screen hinge, and one to the right of the (left)speaker, right/top side of the video port on mobo.
  - There are two similarly positioned screws on the right side.

#### Step 18



- The following steps (18 20) explain how to remove the three indicated connections.
- The order is Blue, Violet, Orange.
- Lift the white tab up and gently take out the connector.



• Use the spudger to pull off the black attachment.

# Step 20



- Lift and pull the black tab upward until it becomes unattached.
- (i) Some force may be required.



- Use the spudger to remove the casing as seen in the picture.
- (i) Some force may be required.

# Step 22



• Remove the casing.

To reassemble your device, follow these instructions in reverse order.