



Gateway SA1 Screen Replacement

Replace a broken screen in your Gateway SA1 laptop.

Written By: Diego Carteno



INTRODUCTION

Replace a broken screen in your Gateway SA1 laptop.

TOOLS:

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

PARTS:

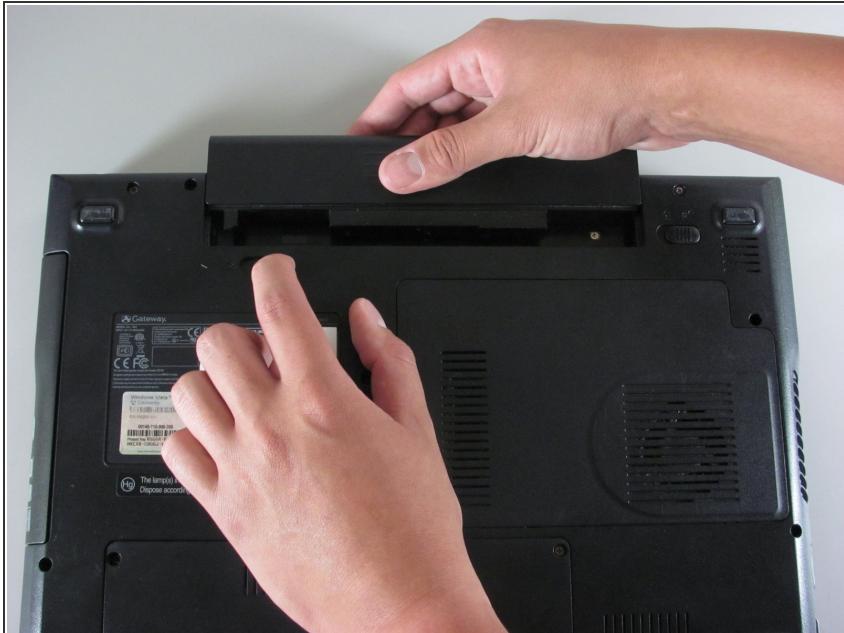
- [Gateway M Series 15.4 inch 1260 x 800 Glossy Laptop LCD Screen](#) (1)

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 — Screen



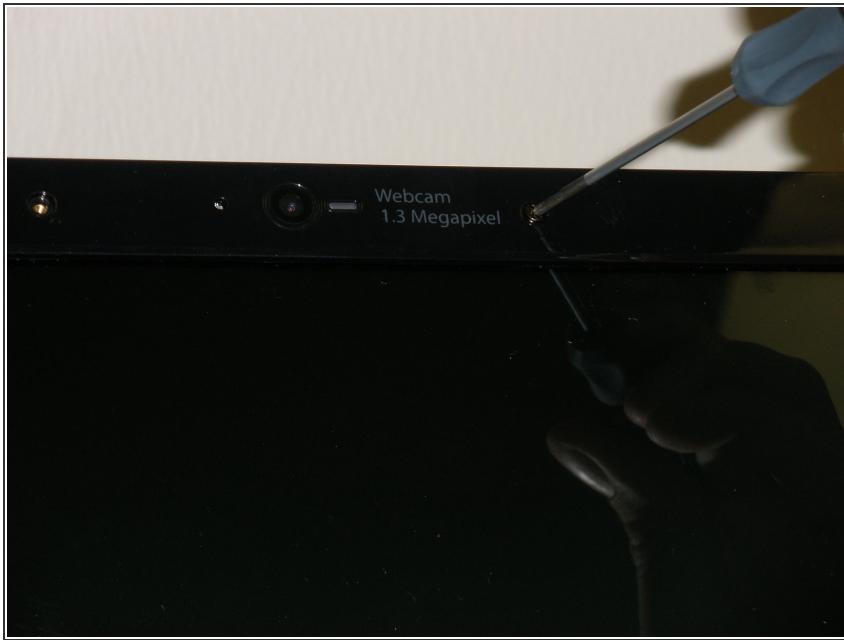
- Remove the hinge covers by lifting each with the sharp point of the spudger.
- Notice that the middle cover has a different shape and is more difficult to remove.

Step 4



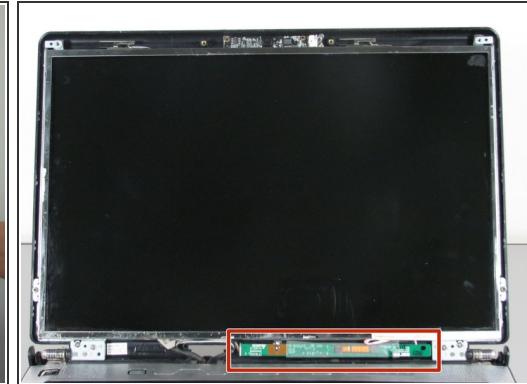
- Remove the six screw covers on the front bezel with the sharp point of the spudger.
- The bottom two are more difficult to remove.

Step 5



- Remove the six 5.9 mm Philips screws securing the screen bezel.

Step 6

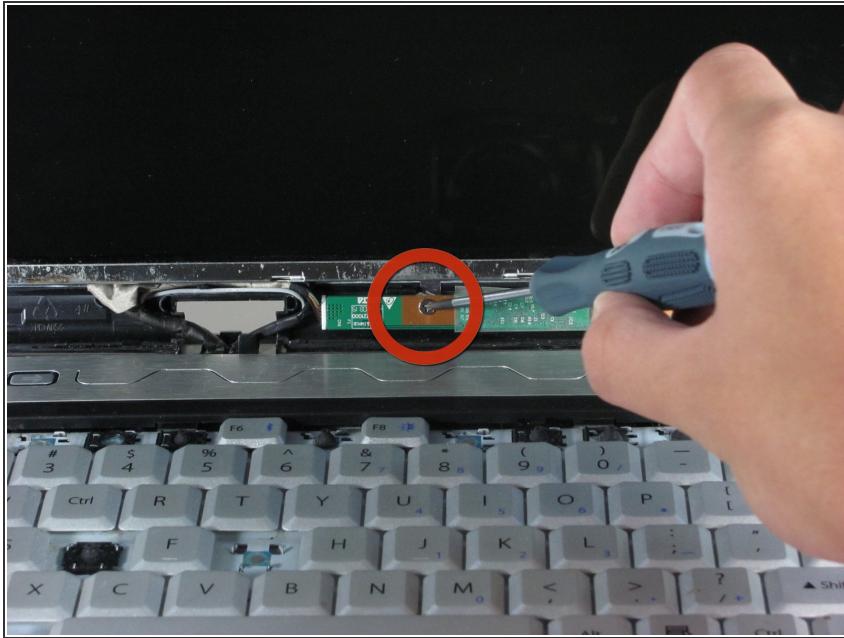


- Remove the front bezel by prying it off with the wedged end of the spudger.

i Verify that your spudger does not touch the LCD.

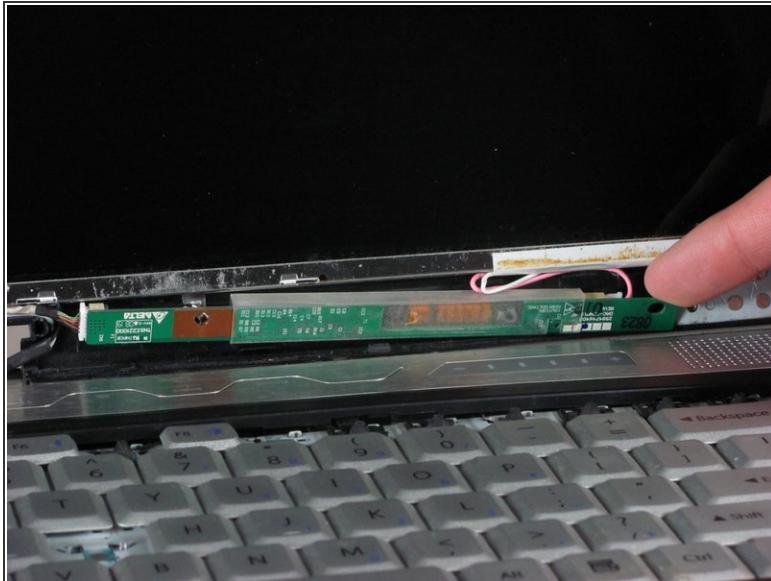
- The screen inverter is now exposed below the LCD.

Step 7



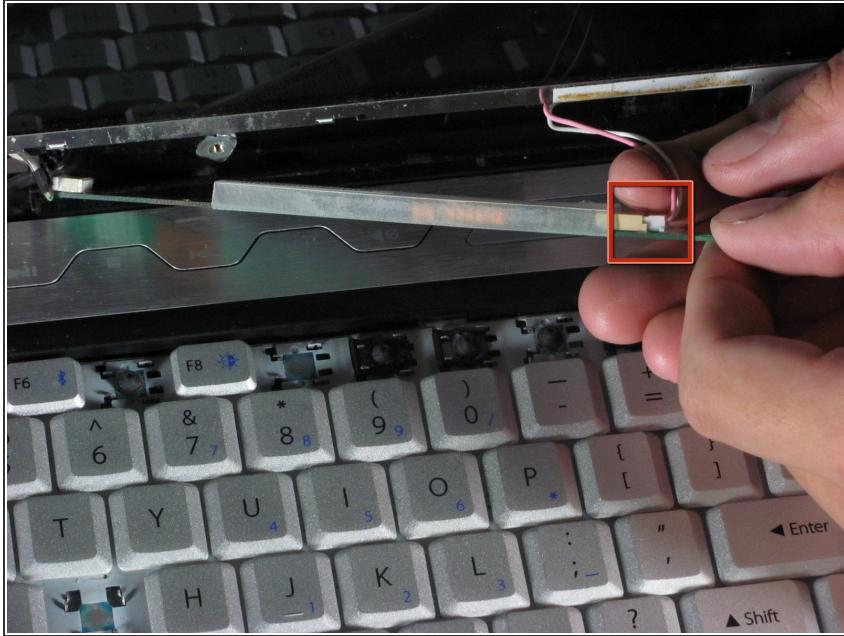
- Remove the single 3.8mm Phillips screw mounting the screen inverter to the computer.

Step 8



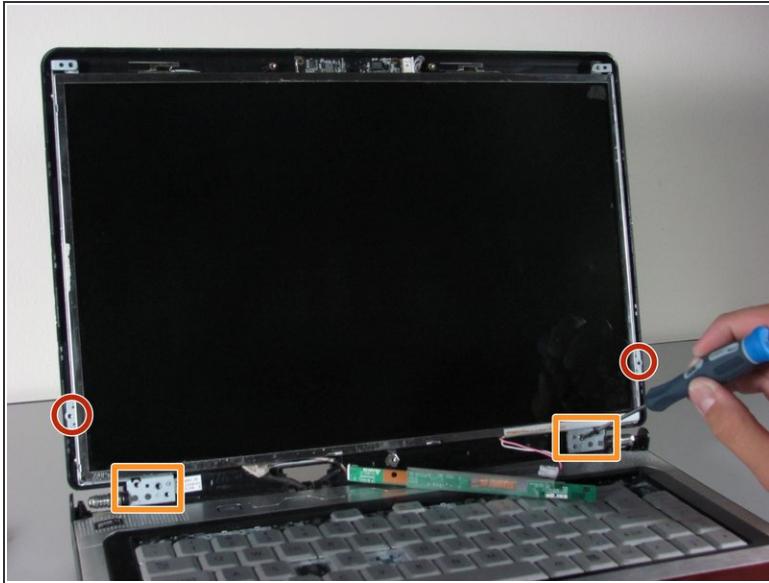
- Use your finger, or the spudger, to pry the inverter board out.
- *(i)* This exposes the wires behind it.

Step 9



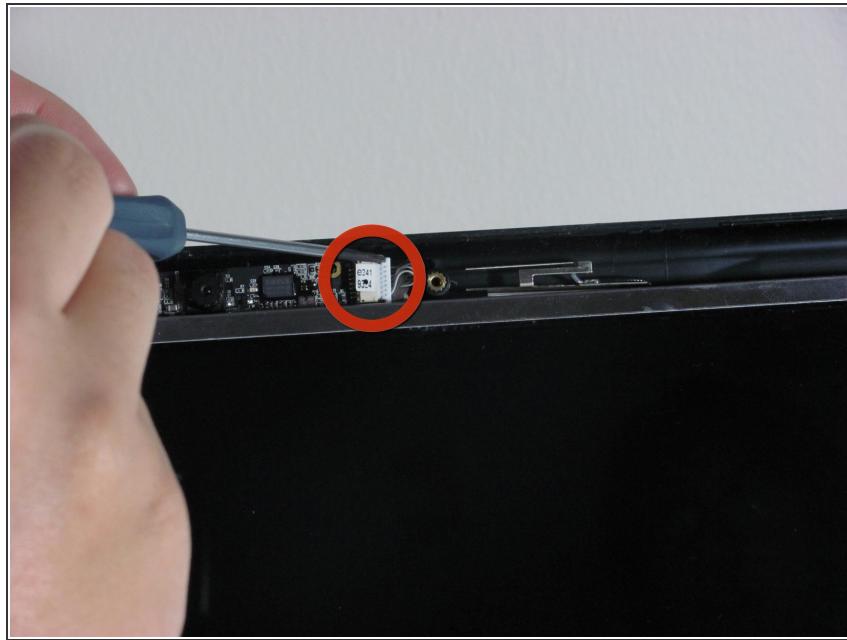
- Unplug the LCD back light cables from the right side of the screen inverter.

Step 10



- Remove the six screws that mount the screen to the hinge mounts.
 - Two 2.5 mm Phillips screws.
 - Four 3.8 mm Phillips screws.

Step 11



- Unplug the cable from the webcam board.

 Be gentle, do not use excessive force or you may break the connection.

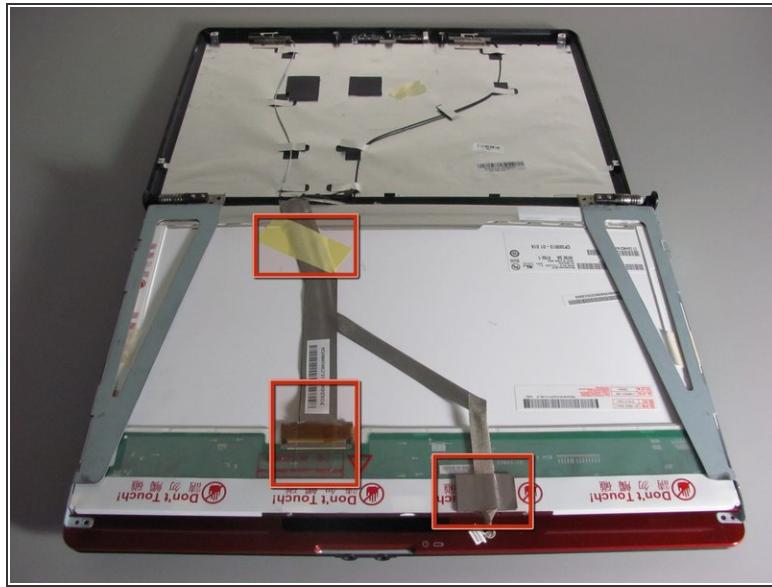
Step 12



- Separate the screen from the display cover.

 Do not touch the back of the screen.

Step 13



- Remove the three tape strips that hold down the cables.

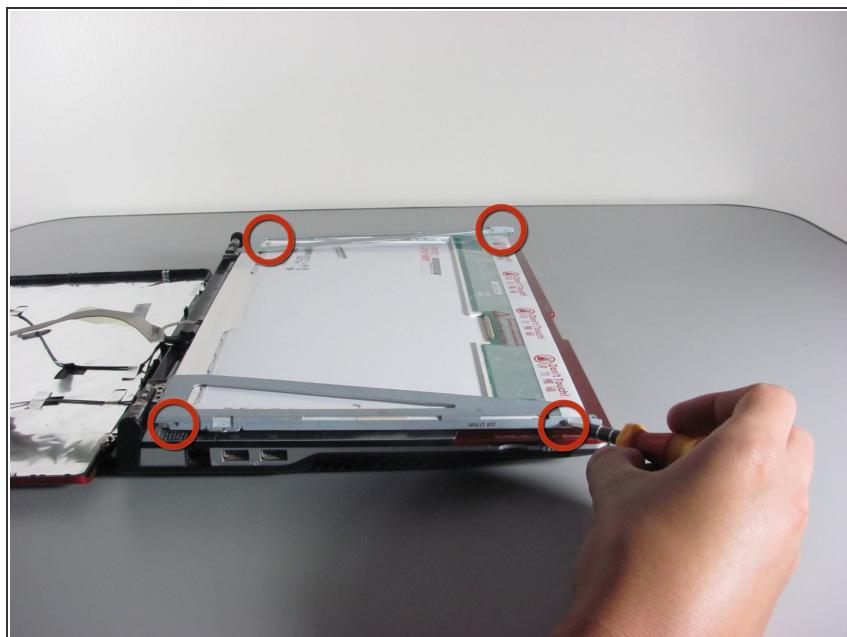
⚠ Be careful not to tear any of the tape. The piece holding down the webcam wires is especially delicate.

Step 14



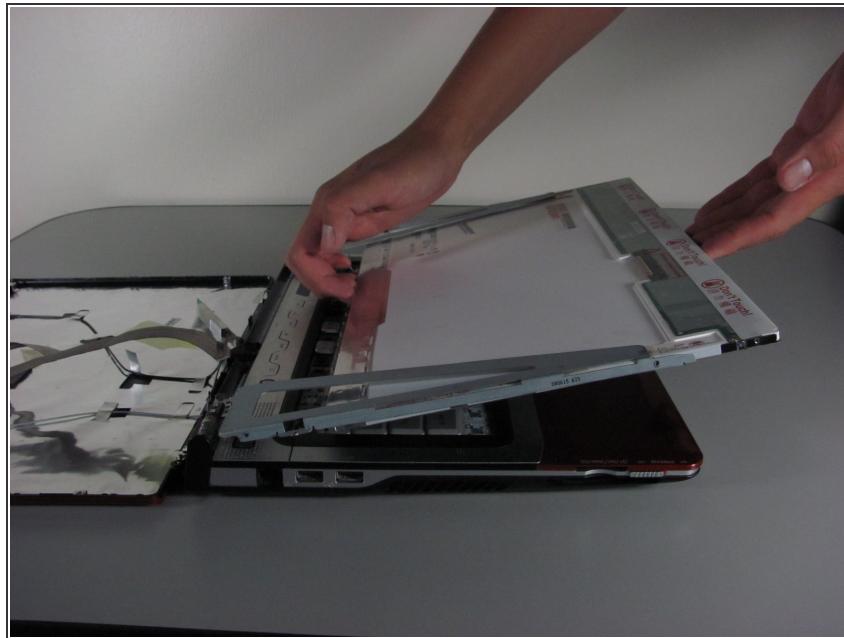
- Unplug the display data cable from the screen connector.
- ⚠ This connection is very fragile; do not use excessive force.
- ⓘ The screen should now be free from all wire connections.

Step 15



- Remove the four 2.8 mm Phillips screws that secure the screen to the mounting bracket using a screwdriver.
- ⓘ There will be two screws on either side of the mounting bracket.

Step 16



- You can now remove and replace the screen.

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