



Acer Aspire V5-591G-75KE Power Jack Harness Replacement

This guide will help you identify, remove, and potentially replace the power jack harness within the Acer Aspire V5-591G-75KE.

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INTRODUCTION

This guide will help you identify, remove, and potentially replace the power jack harness within the Acer Aspire V5-591G-75KE.



TOOLS:

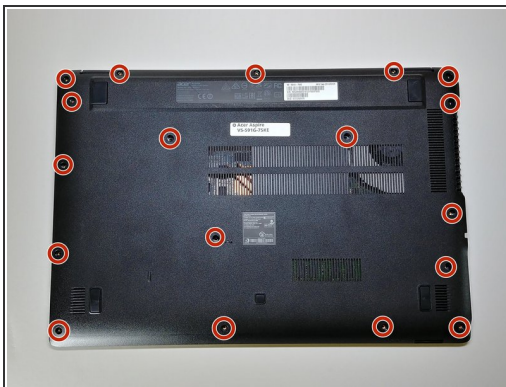
- [Phillips #1 Screwdriver](#) (1)
- [Spudger](#) (1)



PARTS:

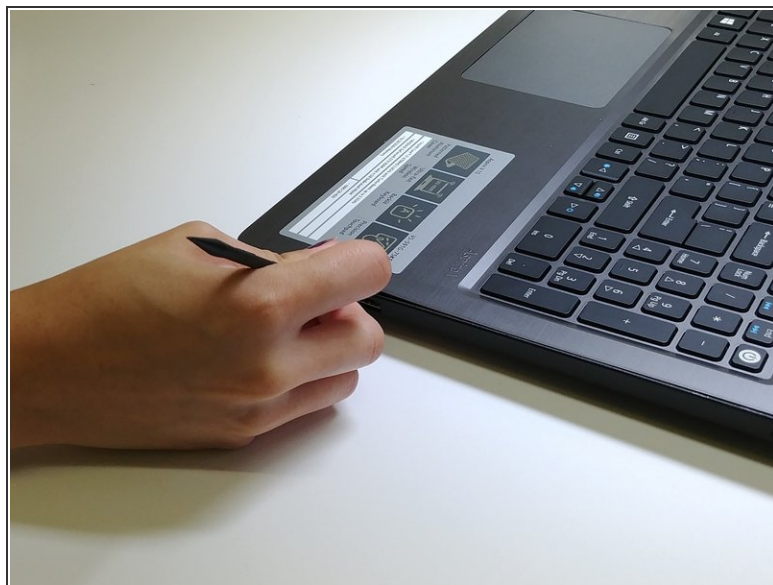
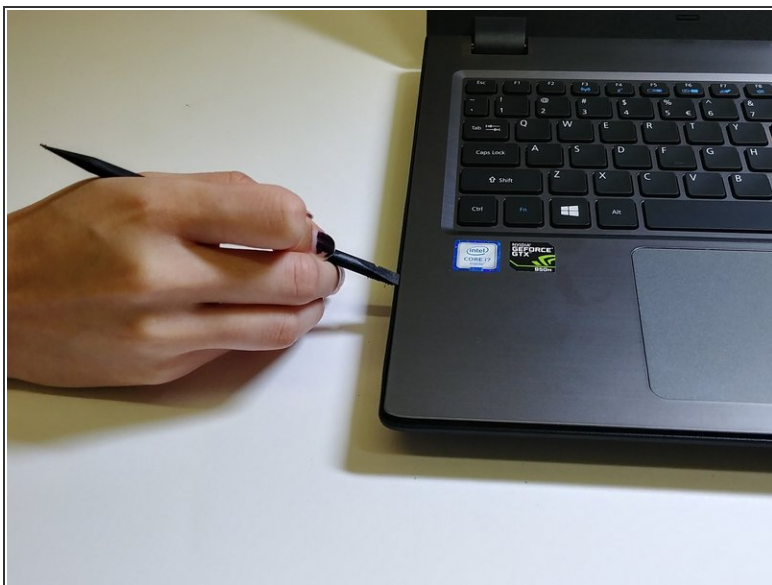
- [Acer Aspire V15 AC DC Power Jack Harness](#) (1)

Step 1 — Acer Aspire V5-591G-75KE Disassembly




- Close down the display and flip the device upside down.
- Use a **Phillips #1 screwdriver** to remove 18 black **10mm Phillips Head screws** in order to loosen up the protective bottom casing.

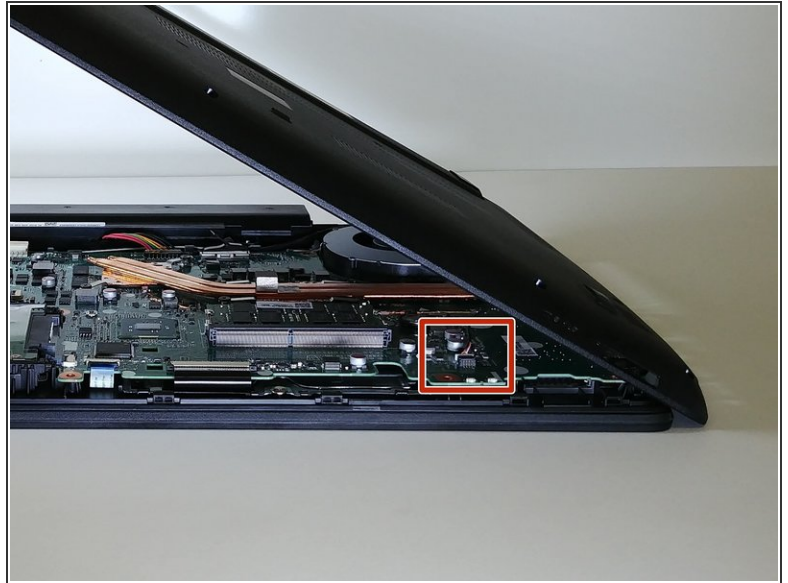
Step 2




- With the screws removed, flip the device right-side up and open up the display.
- Run a **plastic spudger** tool along the seam of the face-plate in order to loosen up the protective bottom casing.

 *Popping sounds are normal, but forceful prying can damage delicate components. Be especially careful near the USB and HDMI ports.*

Step 3



- Close the display down once more, and flip the laptop upside down, with the hinge facing away from you.

 *Do not yank the bottom casing off. There is a small speaker wire that connects it to the motherboard.*

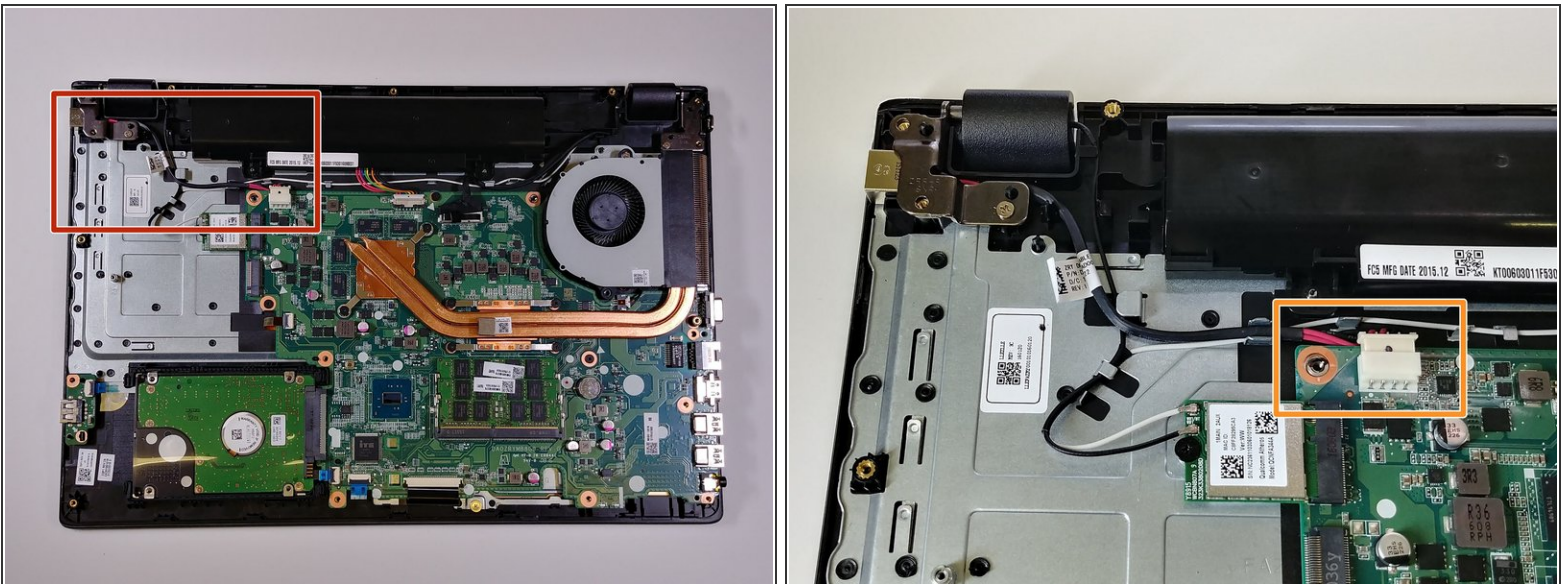
- Taking note of the small speaker wire, gently **lift only the left side** of the bottom casing.

Step 4



- Using a pair of **blunt tweezers**, push on the tabs of the small white connector to separate it from the motherboard.
- ⓘ *The entire bottom casing should lift with no resistance. If there is too much resistance, verify you removed all the screws, and run the plastic spudger tool around the face-plate again.*

Step 5 — Power Jack Harness



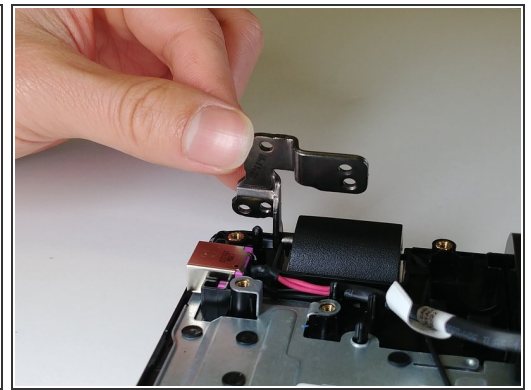
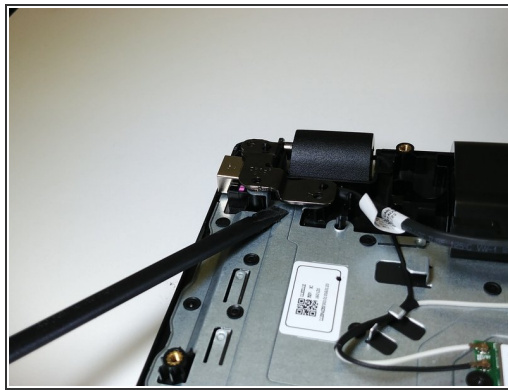
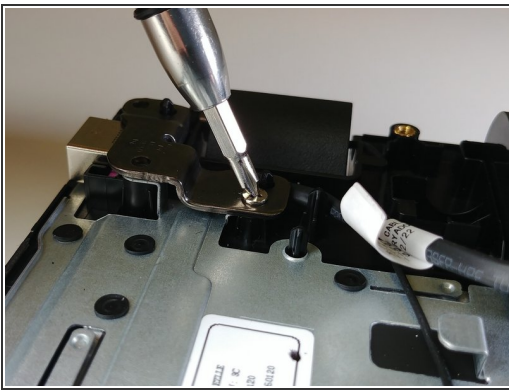
- Locate the power jack harness on the upper left quadrant of your device.
- Note where the power jack harness connects to the mother board of your device.

Step 6




- With a pair of **blunt tweezers**, push on the side tabs of the connector to disconnect the harness from the motherboard.

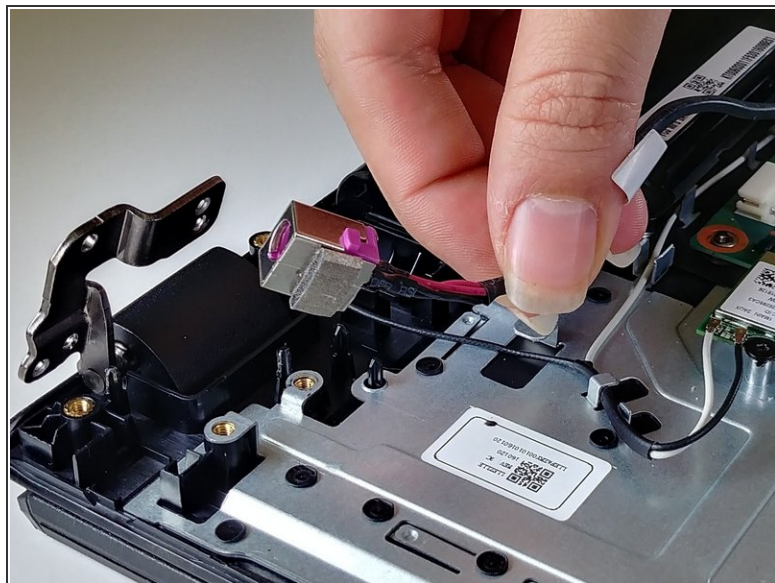
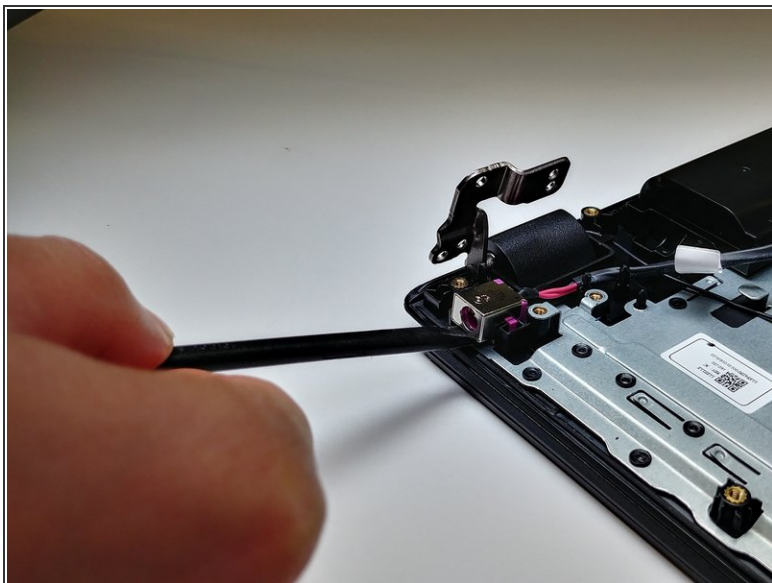
Step 7



- Using a **Phillips #1 screwdriver**, remove the single **10mm Phillips Head screw** located on the hinge.
- Wedge the **spudger tool** below the hinge, and lift only enough to get a grip with your fingers.

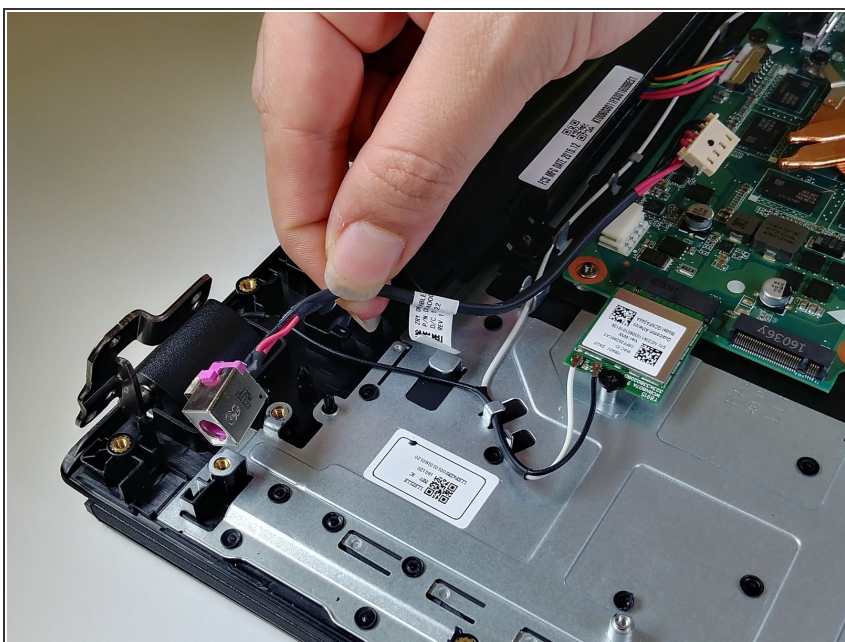
 *Use your hand to lift the hinge the rest of the way to avoid damaging your spudger tool.*

Step 8



- Wedge the **spudger tool** below the port harness head, and lift straight up until the side tabs clear the channels on each side.
- ⓘ *There is a piece of tape holding the power jack harness in place, which will give you some resistance. Prying through this tape will not damage the harness.*

Step 9



- Lift to completely remove the rest of the power jack harness out of the casing.

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