



Repairing PS4 Bluetooth Antenna from Defect or System fell

Conditions permitting this guide can show you how to fix a Broken Bluetooth antenna for the PS4 from either a defect at the solder point or breakage after the system has fallen.

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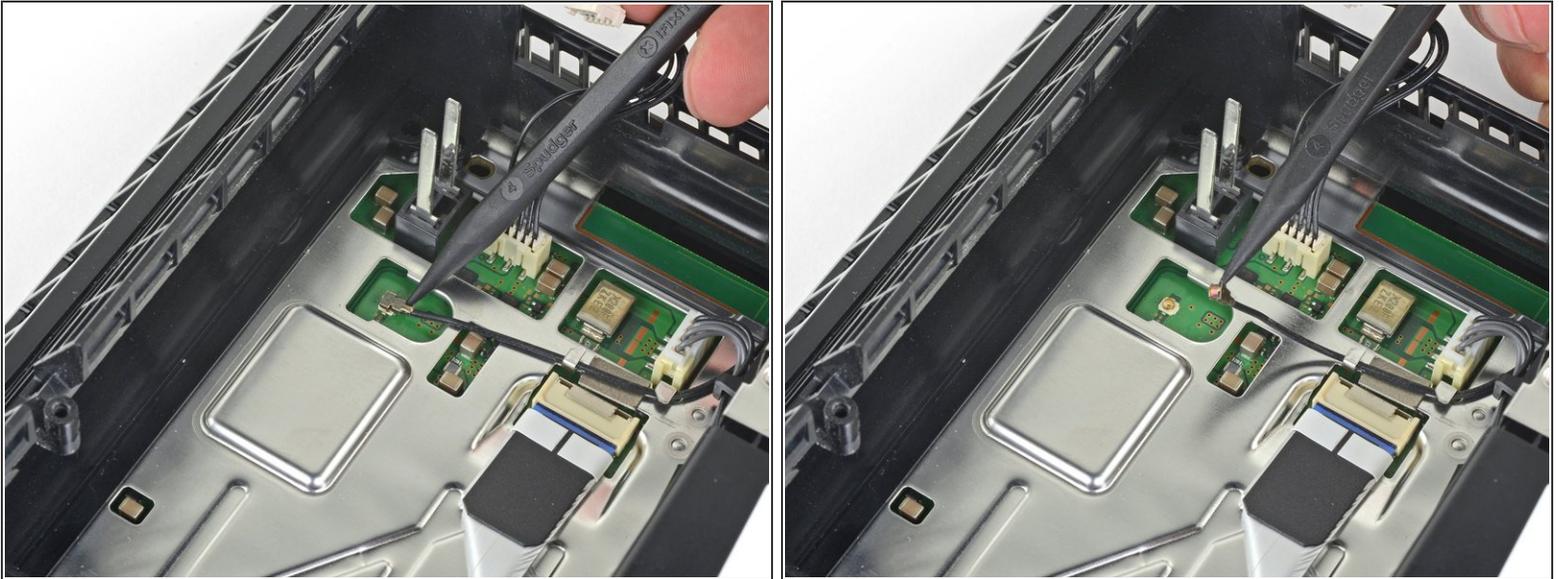
INTRODUCTION

My system had fallen from a shelf and then the front corner where the Antenna sits was damaged. It caused a wire to break at the solder point on the antenna. It caused input lag and you had to be right in-front of the system. Literally direct line of sight. The controller would work for a minute then lag out. The X button wouldn't work or anything. How I fixed it could also fix a factory defect if the antenna wasn't put together right.

TOOLS:

- [TR9 Torx Security Screwdriver](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Metal Probe](#) (1)
 - [Tweezers](#) (1)
 - [Soldering Workstation](#) (1)
 - [Lead-Free Solder](#) (1)
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Step 1 — Remove the Wi-Fi antenna



- Use the tip of a spudger to disconnect the antenna cable from the motherboard.

Step 2



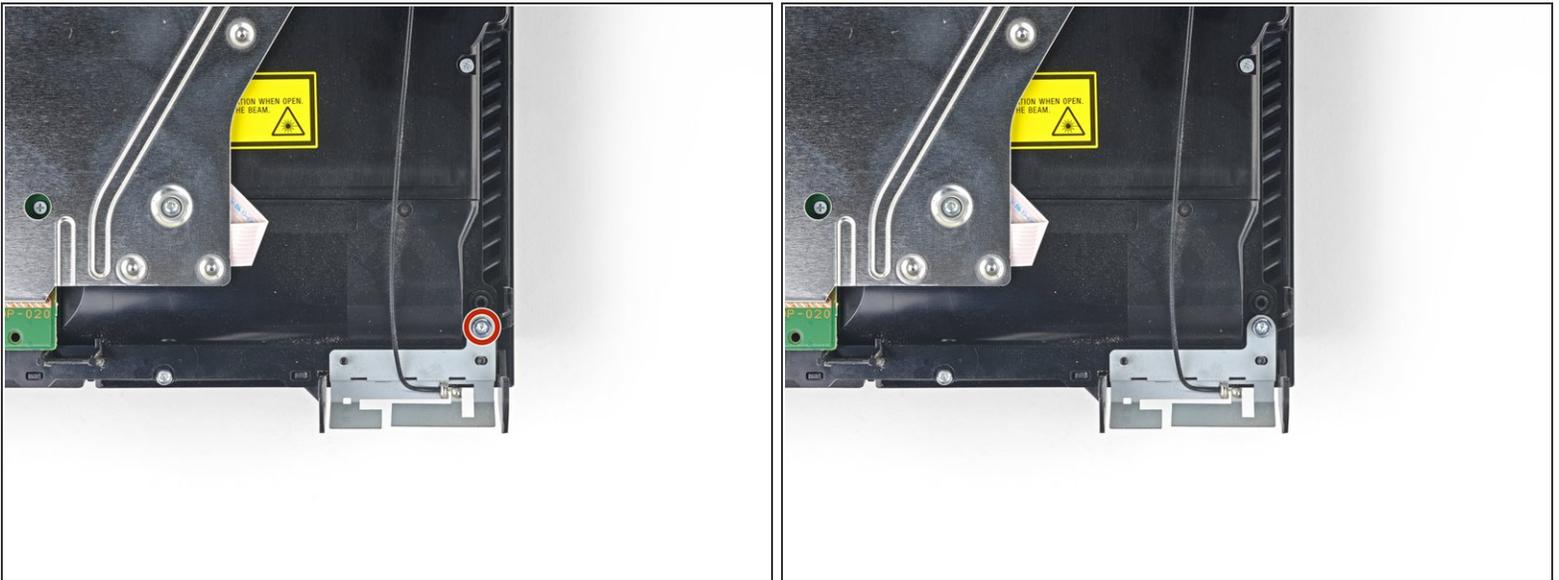
- Use a pair of tweezers or your fingers to grab the antenna cable and move it out from the cable guides.

Step 3



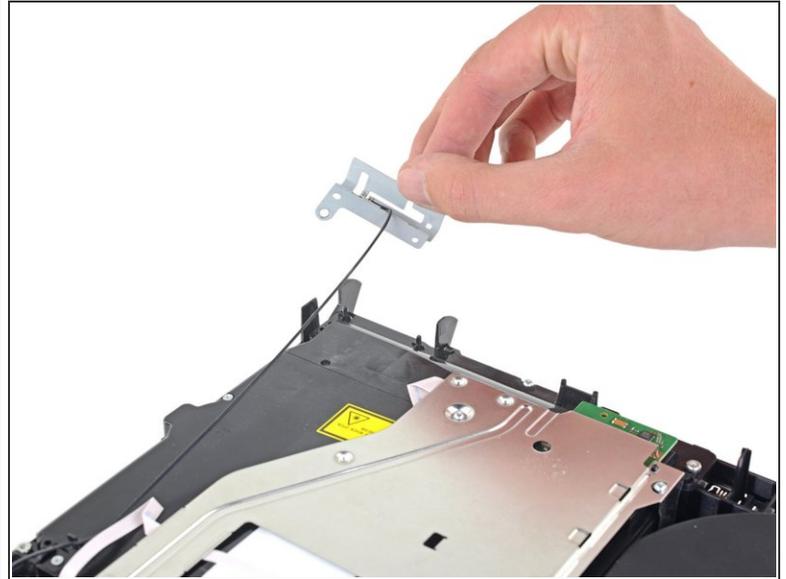
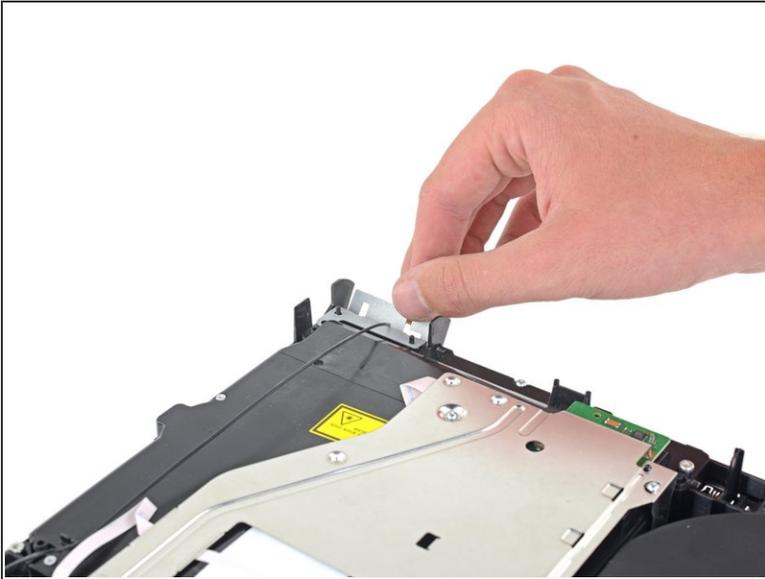
- Use a pair of tweezers or your fingers to thread the antenna cable out from underneath the optical drive cable.

Step 4



- Remove the 9.7 mm Torx security screw securing the antenna.

Step 5



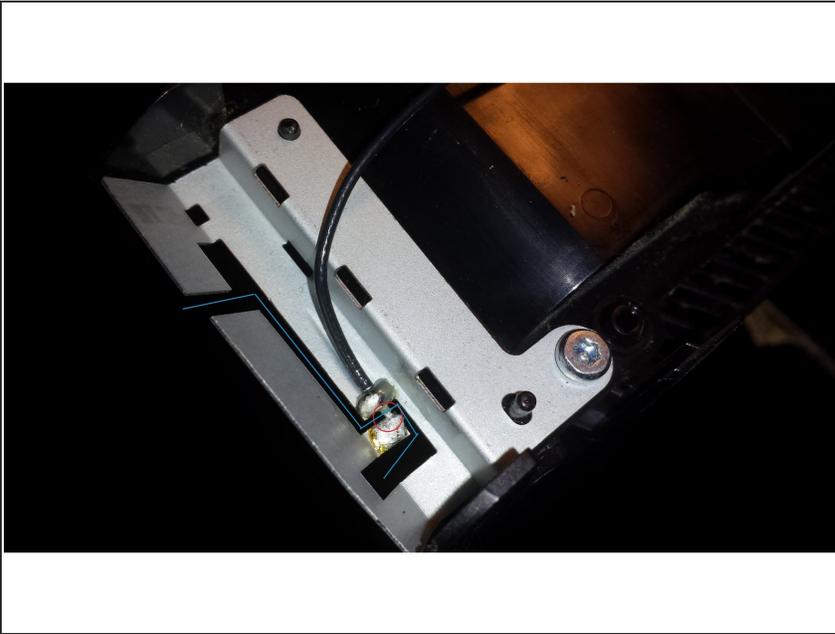
- Remove the Wi-Fi antenna.

Step 6 — What is Wrong?



- As you can see there are 2 solder points . the wire must run through the first point to the second point. But when the system fell it broke that connection and Antenna got bent. If at factory the solder points were not correct it will cause the same lag issue with controller and WiFi.

Step 7 — Solder it back



- This is the easy part. Remove the antenna. Move the wire inbetween the two solder points so it is connecting to the second point. Once there take your soldering Iron and heat up the solder and drag it over the wire to make the connection.

Step 8



- Just remember to leave the gap here. Do not bend the antenna to make the points touch your self. The gap that runs through it is there by design and changing that has adverse effects on controller and WiFi . But its that easy. My PS4 now works fine with controller and WiFi . No need for further tear-down and extra parts. Put bottom on. GTGo

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