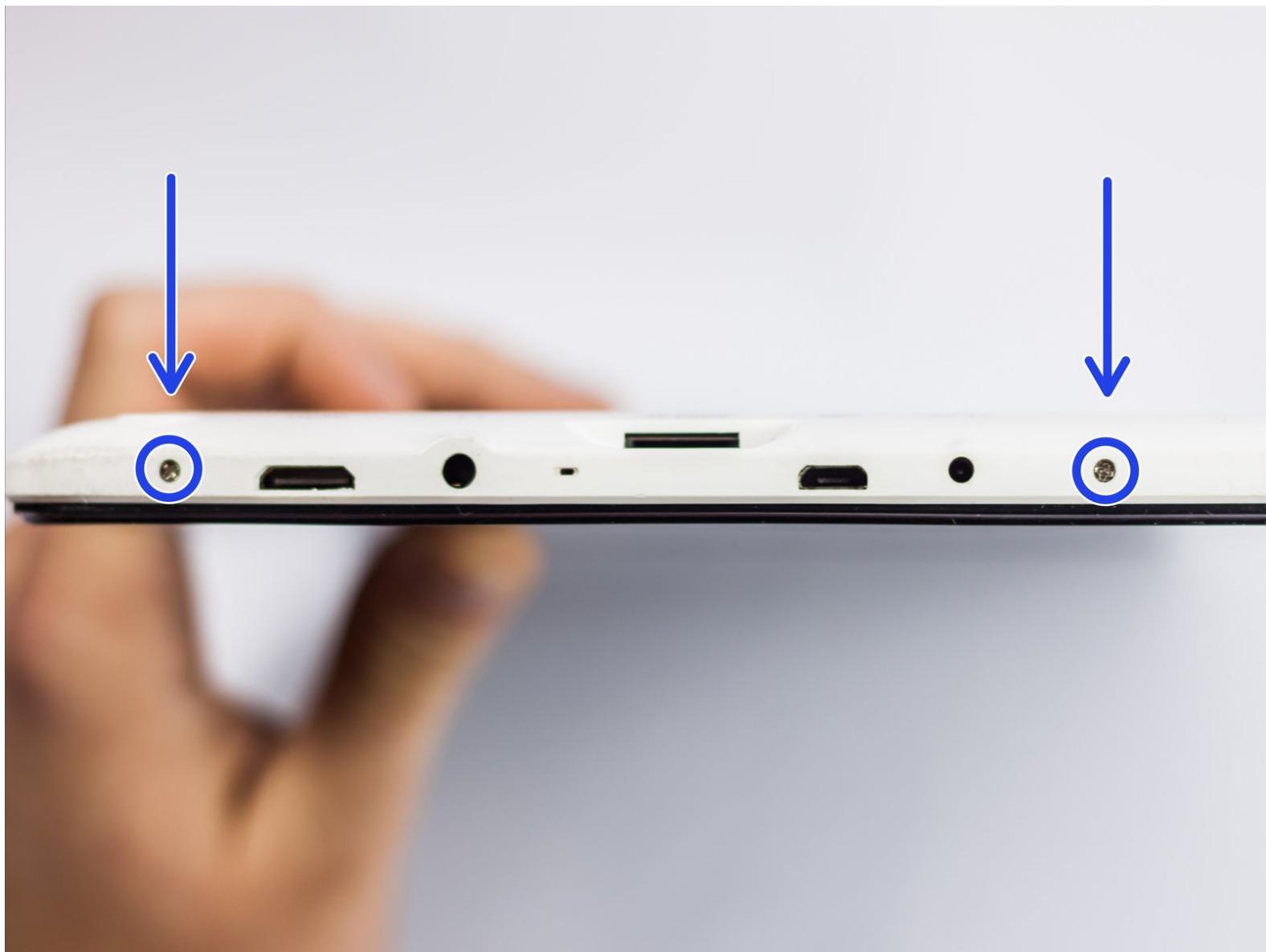




AKASO KingPad A90 WiFi Antenna Replacement

This guide will show you how to replace the WiFi Antenna on the AKASO KingPad A90 tablet.

Written By: Daniel Garcia



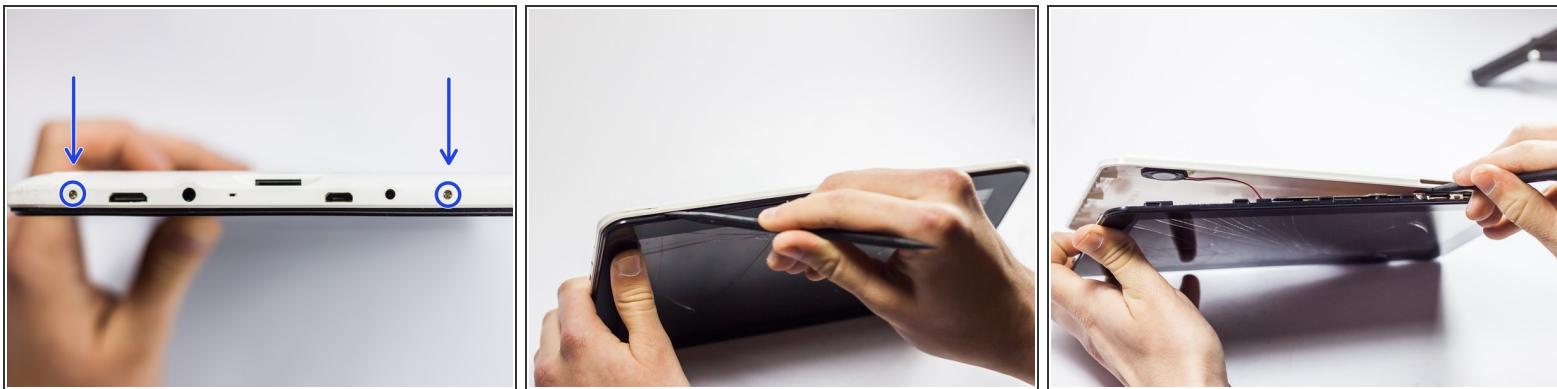
 **TOOLS:**

- [Tweezers \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Phillips #000 Screwdriver \(1\)](#)
- [Soldering Workstation \(1\)](#)
- [Spudger \(1\)](#)

 **PARTS:**

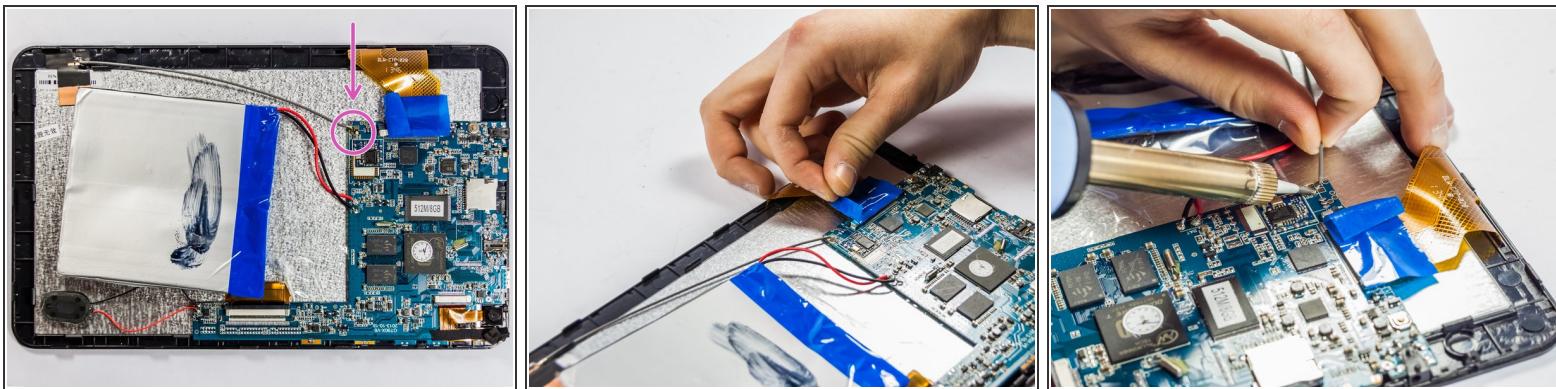
- [AKASO KingPad A90 WiFi Antenna \(1\)](#)

Step 1 — WiFi Antenna



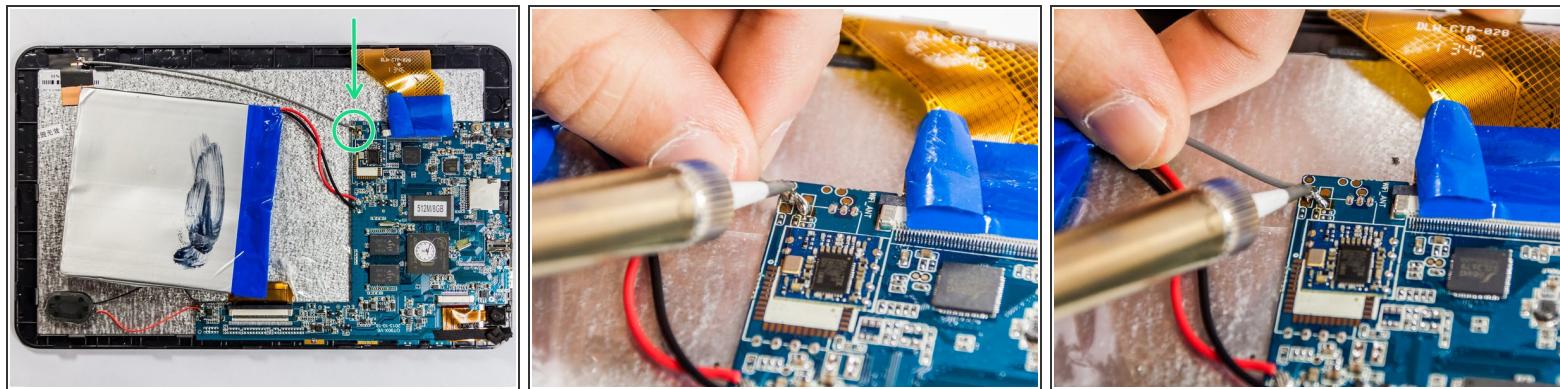
- Remove screws.
- Insert spudger tool on the middle of the left side, between the white and black plastic.
- Slide in a plastic opening tool and use it to further pull the back off.
- Work your way around the edge of the tablet with the plastic opening tool and insert more as needed.
- Pull off the back cover.

Step 2



- Plug in soldering iron and let it warm up for ten minutes.
- Locate the the soldering points of the antenna on the motherboard.
- Peel back the protective tape that covers the display ribbon cable so it isn't too close to the soldering points.
- *(i)* Solder hardens and cools quickly; you don't need to wait to move on to the next step.

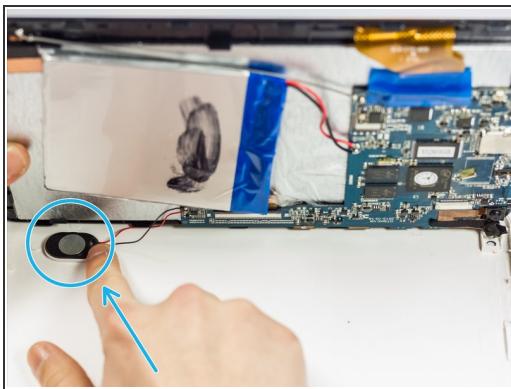
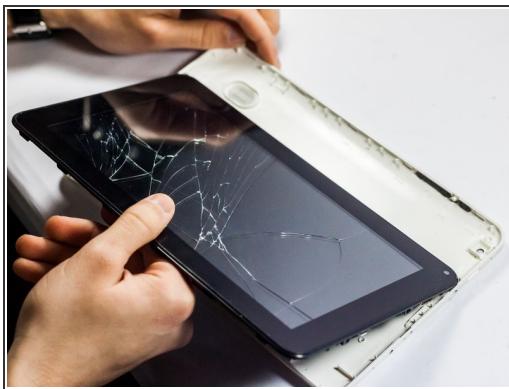
Step 3



⚠ If you do not know how to solder, be careful and follow steps precisely because you could otherwise ruin the device.

- With the new antenna locate the solder points.
- Add solder to the solder points to allow soldering.
- Place the antenna at each point and melt the solder point.
- Place the antenna solder location into the melted solder blob and let it sit for about 2 seconds.
- Repeat this step for each of the solder points.

Step 4



- Replace the back cover with the new part in place.

- Gently press the speaker into place.

 Don't let the volume rocker unit fall out of place.

- Replace the screws.