



How to Use the Portable Anti-Static Mat

Follow this guide to learn how to use a...

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INTRODUCTION

Follow this guide to learn how to use a portable anti-static mat.

Anti-static mats help minimize electrostatic discharge (ESD) when repairing electronic devices. They work in tandem with [anti-static wrist straps](#) to equalize the charge between your hand and the device.

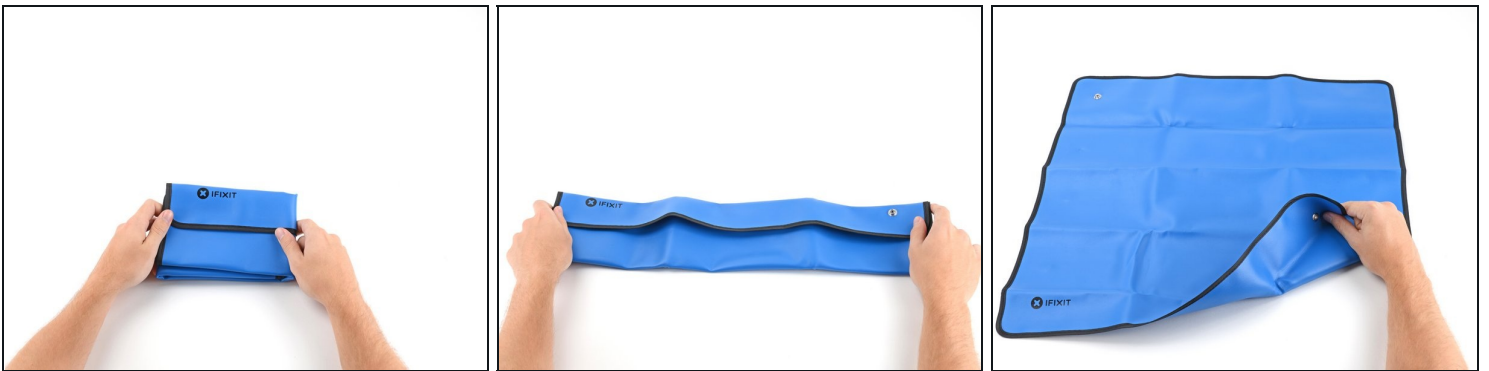
Note: the iFixit Portable Anti-Static Mat comes with an [anti-static wrist strap](#).

For more information on ESD, click [here](#).

TOOLS:

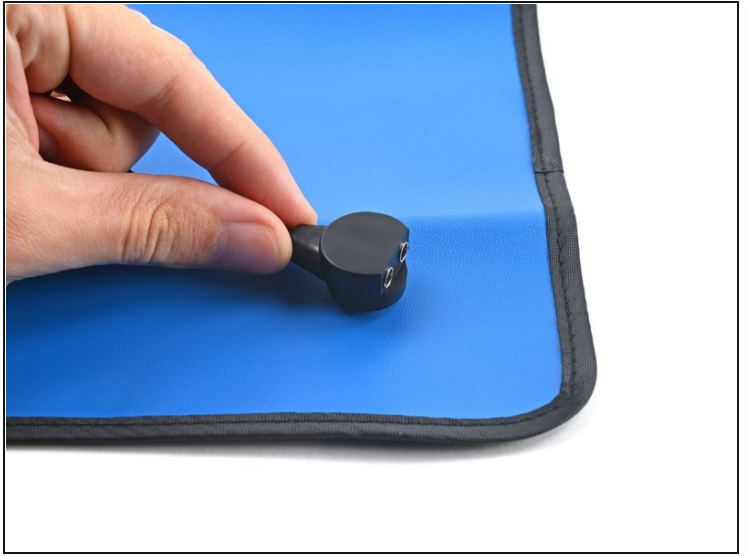
[Portable Anti-Static Mat](#) (1)

Step 1 — Unfold the mat



- Unfold your [anti-static mat](#) and spread it out on your work area.
- ① Make sure the iFixit logo is facing upward.

Step 2 — Attach the black grounding wire



- Place the black grounding wire's connector over one of the mat's grounding nodes.
- Press down on the connector until you hear a click to secure it to the mat.

Step 3



- Attach the black grounding wire's clip to a grounded metal surface.
- ① To ensure a good grip on the surface, pinch hard on the clip's levers to open the jaws wide.

Step 4



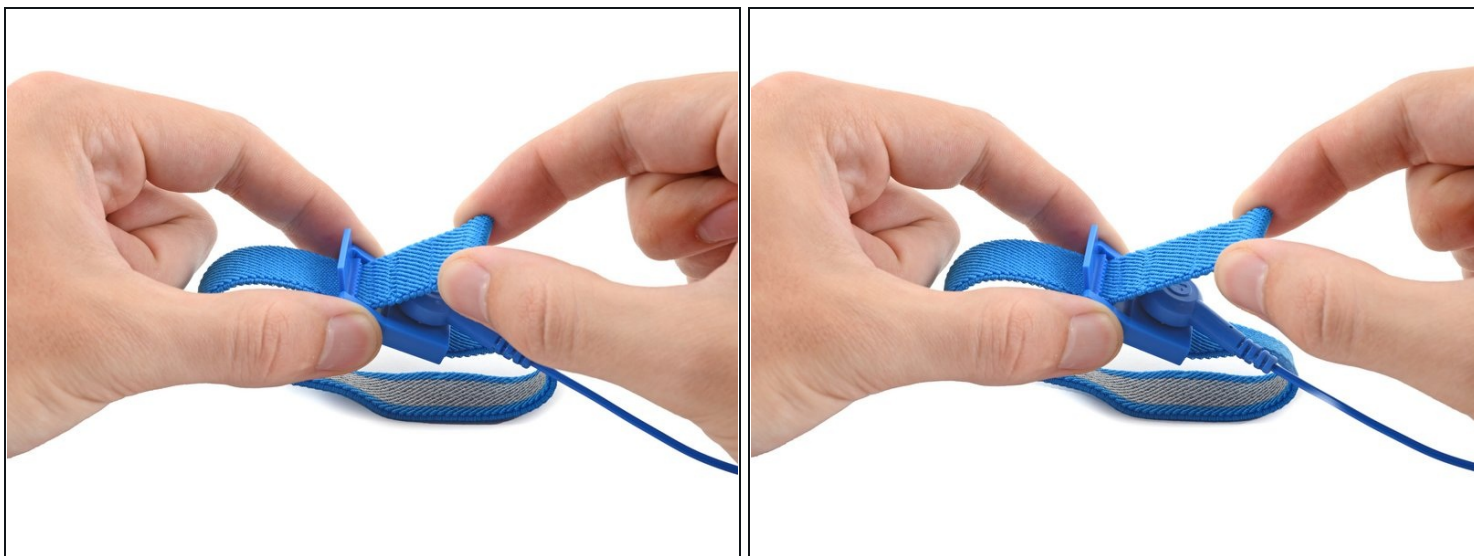
- Before you put on your [anti-static wrist strap](#), remove any jewelry from your wrist and fingers.

Step 5 — Adjust the strap



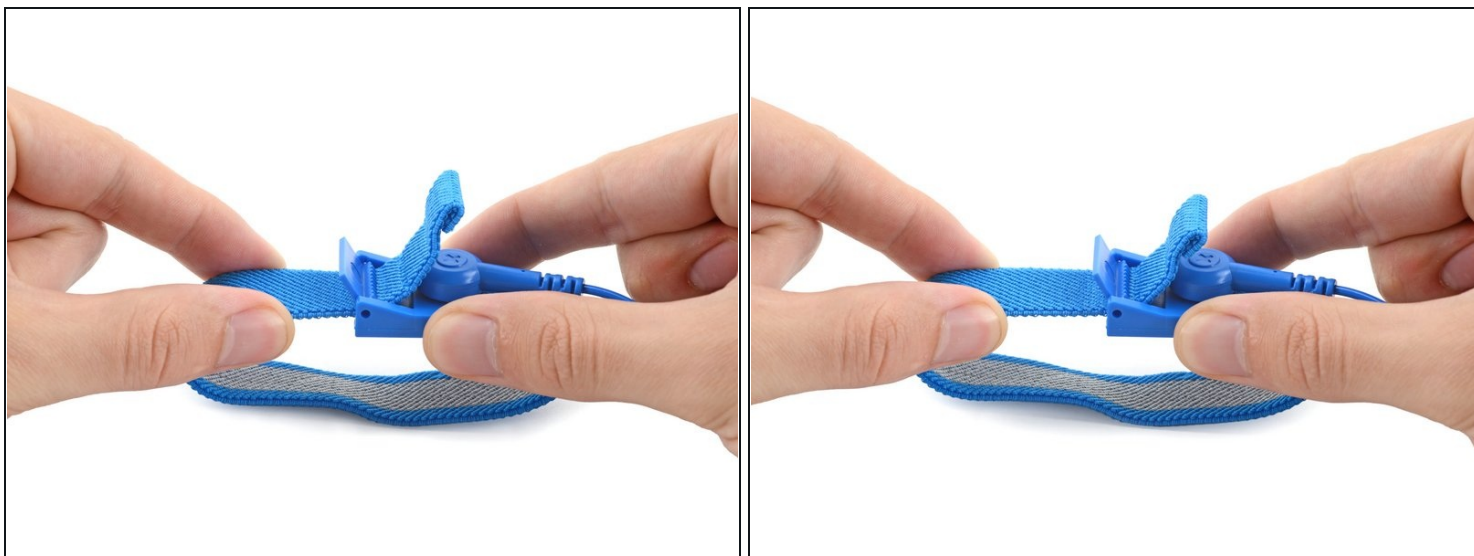
- ① The anti-static strap should be adjusted to fit snug on your wrist.
- Pull up on the looped end of the strap to disengage the plastic lock.

Step 6



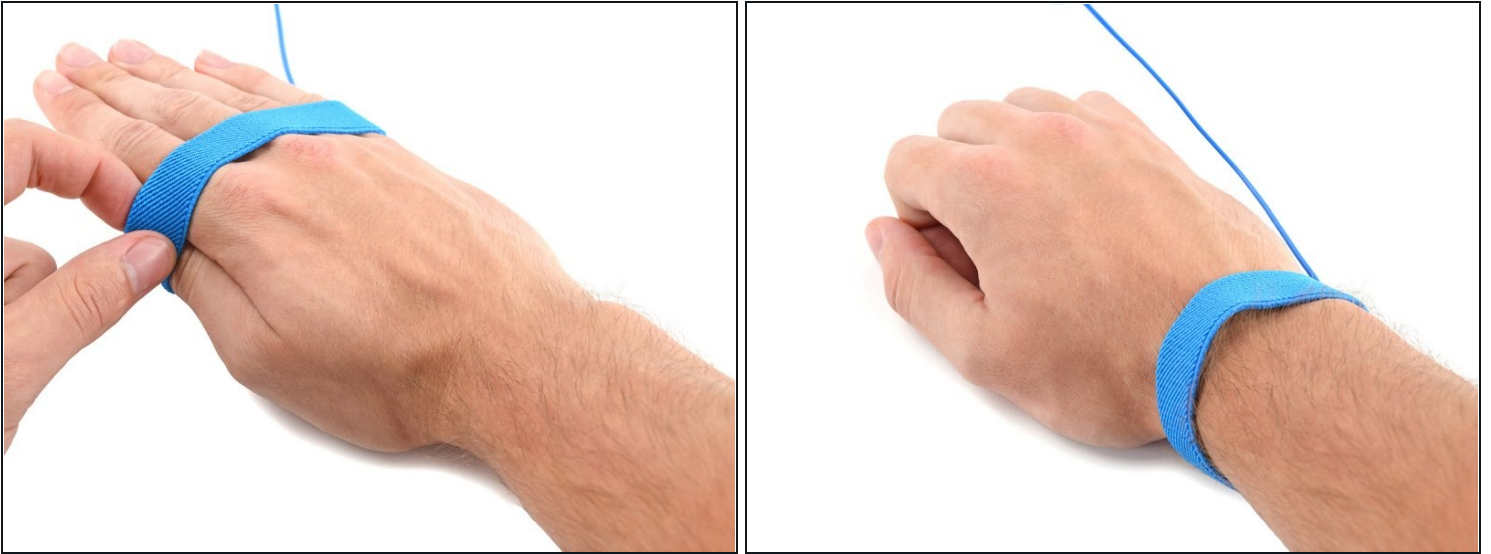
- To tighten the strap, pull the looped end away from the plastic slide.

Step 7



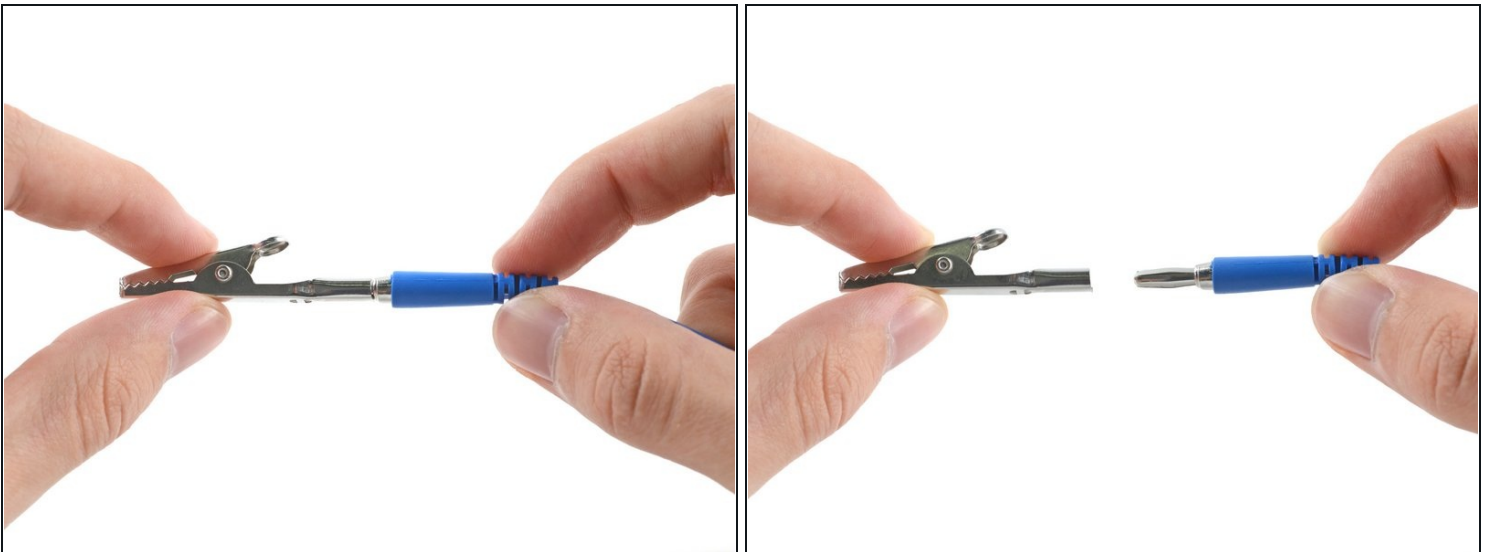
- To loosen the strap, pull the main part of the band away from the plastic slide.
- ① Re-engage the plastic lock before continuing.

Step 8



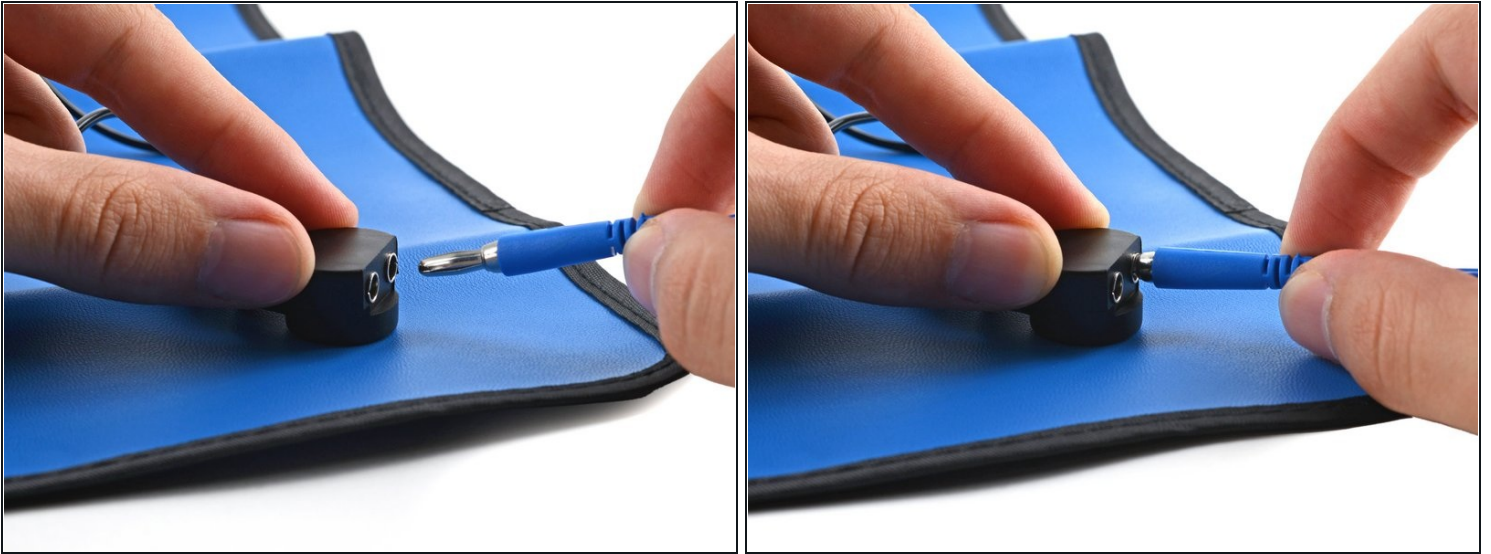
- Slide the strap over your hand and secure it to your wrist.
- ① If the strap is still too loose or tight, you can adjust it while it's on your wrist.

Step 9 — Plug in the strap



- Disconnect the strap's metal clip from the rest of the blue grounding wire.

Step 10



- Insert the tip of the blue grounding wire into one of the black grounding wire's sockets.

Step 11



- Place your device on the mat.
- You're now ready for repairs!
- ⓘ Throughout the repair, keep the device centered on the mat to minimize ESD.

For other general electronics skills guides, click [here](#).