



How to Use the Anti-Clamp

Follow these instructions to use an Anti-Clamp...

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INTRODUCTION

Follow these instructions to use an Anti-Clamp to open a device.

TOOLS:

[Anti-Clamp](#) (1)

Step 1 — Prepare your device



- ① The Anti-Clamp needs smooth, even surfaces for its suction cups to adhere to.
- If your device has cracked glass or a slippery surface, follow [this guide](#) to apply the included tape pad.
 - ① Packing tape also works to cover a cracked display.
 - ① If your **back glass** is badly shattered, the tape might damage it further. Refer to your specific guide to use a suction handle instead.
- If your device can be opened from both its screen and back cover, follow [this guide](#) to apply the included tape strips.

Step 2 — Unlock the arms



- Pull the blue handle backward to disengage the arms of the [Anti-Clamp](#).
 - ⓘ The handle may be stiff the first time you unlock the arms.

Step 3 — Center the suction cups



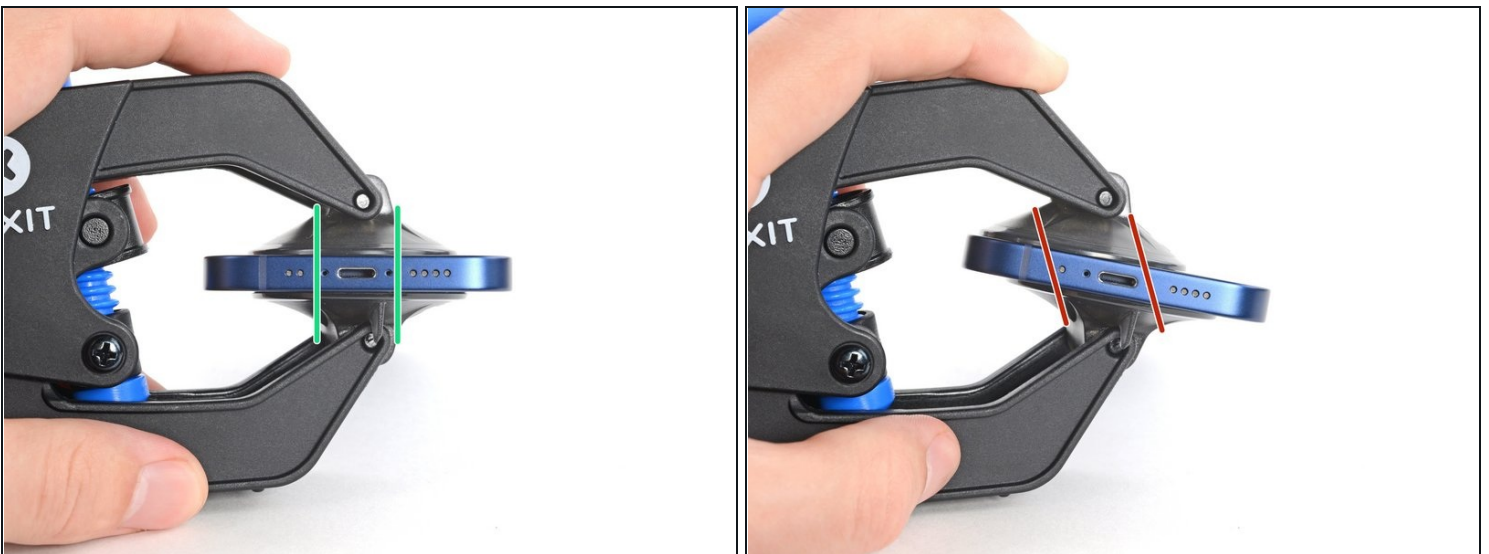
- Rotate the Anti-Clamp to the side so it doesn't obscure your starting edge. Refer to your original guide for which edge to start with.
- Center the suction cups over a smooth area of the device near the starting edge.
 - ⚠ Avoid buttons, gaps, seams, and speakers, as they will prevent a good hold.

Step 4 — Secure the suction cups



- Squeeze the suction cups together to secure them to the device.
 - ① If the cups are stiff and hard to secure, use your hands to warm them up.

Step 5 — Alignment information



- The suction cups need to be aligned with each other for the Anti-Clamp to work properly.
- Improper alignment may cause the cups to separate prematurely. Pull the cups off the device using their pull tabs and re-center them.

Step 6 — Lock the arms



- Push the blue handle forward to lock the arms.

Step 7 — Support your device



- Place a support under your device so the Anti-Clamp stands upright without being held in place.

Step 8 — Apply tension



- ① Most adhesives separate under **constant** tension rather than more force. Take your time during this process to avoid breaking the suction cups free or violently opening your device.
- Twist the handle clockwise **one full rotation** (360 degrees) or until the cups begin to stretch.

Step 9 — Heat your device



- For smaller devices, thread a [heated iOpener](#) through the arms of the Anti-Clamp to heat your device.
- For larger devices, or iPhone models 12 and newer, use a [hair dryer](#) or a [heat gun](#) to soften the adhesive along your starting edge.
 - ⓘ iPhone models 12 and newer have a tougher adhesive that the iOpener is less effective at opening than a hair dryer or heat gun.

⚠ Be careful not to overheat your device. The edge should feel slightly too hot to touch.

Step 10 — Open your device



- Wait one minute to give the adhesive a chance to release and present a gap.
 - ① If the Anti-Clamp doesn't separate the adhesive after one minute, apply more heat and wait another minute. Be patient and let the Anti-Clamp do the work for you.
- If, after several rounds of heating, the device doesn't show any signs of opening, twist the knob one quarter-turn.
 - ⚠ **Don't twist the knob more than three additional quarter-turns. Only use additional heat at this point. The more you twist the knob, the more likely the device is to suddenly pop open.**

Step 11 — Insert an opening pick



- Insert an opening pick into the gap created by the Anti-Clamp.

Step 12 — Remove the Anti-Clamp



- Pull the blue handle backward to the unlock icon to disengage the arms.
- Pull the suction cups off of the device using their pull-tabs.
- Remove the Anti-Clamp and set your device on a flat surface.

Step 13 — Finish opening your device



- Return to your original guide and continue disassembly, skipping any steps that open the device with a suction handle.

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

For a fun way to decorate your Anti-Clamp, click [here](#).