



SSD Clip Replacement on Framework Laptop 12

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INTRODUCTION

Follow this guide to remove and replace the SSD clip in your Framework Laptop 12.

The SSD clip is a black plastic piece that holds the SSD in place. If you can't get the SSD to stay latched, you'll need to replace this clip.

You'll encounter some component terms in this guide:

- The **Input Cover** is the part that contains the Keyboard and Touchpad.



TOOLS:

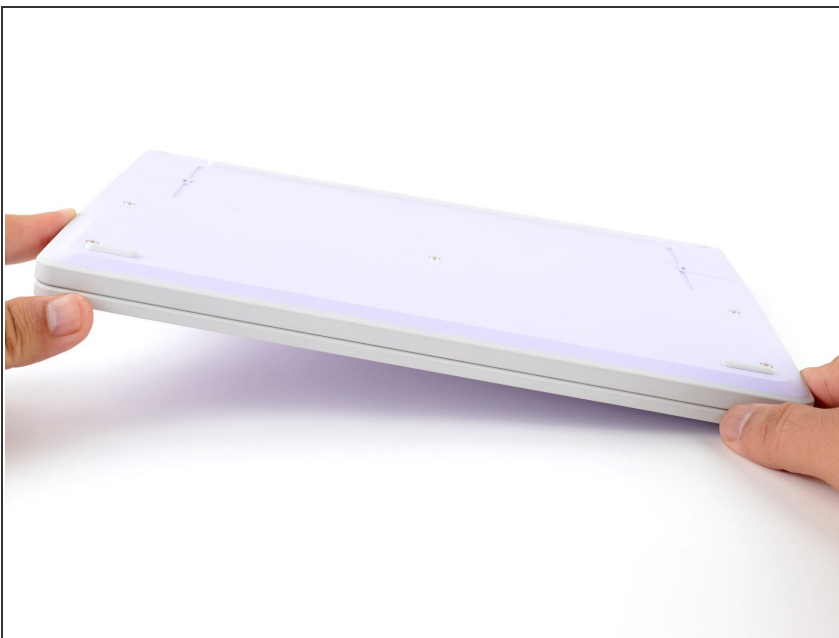
- [Framework Screwdriver](#) (1)
-

Step 1 — Power down your Laptop



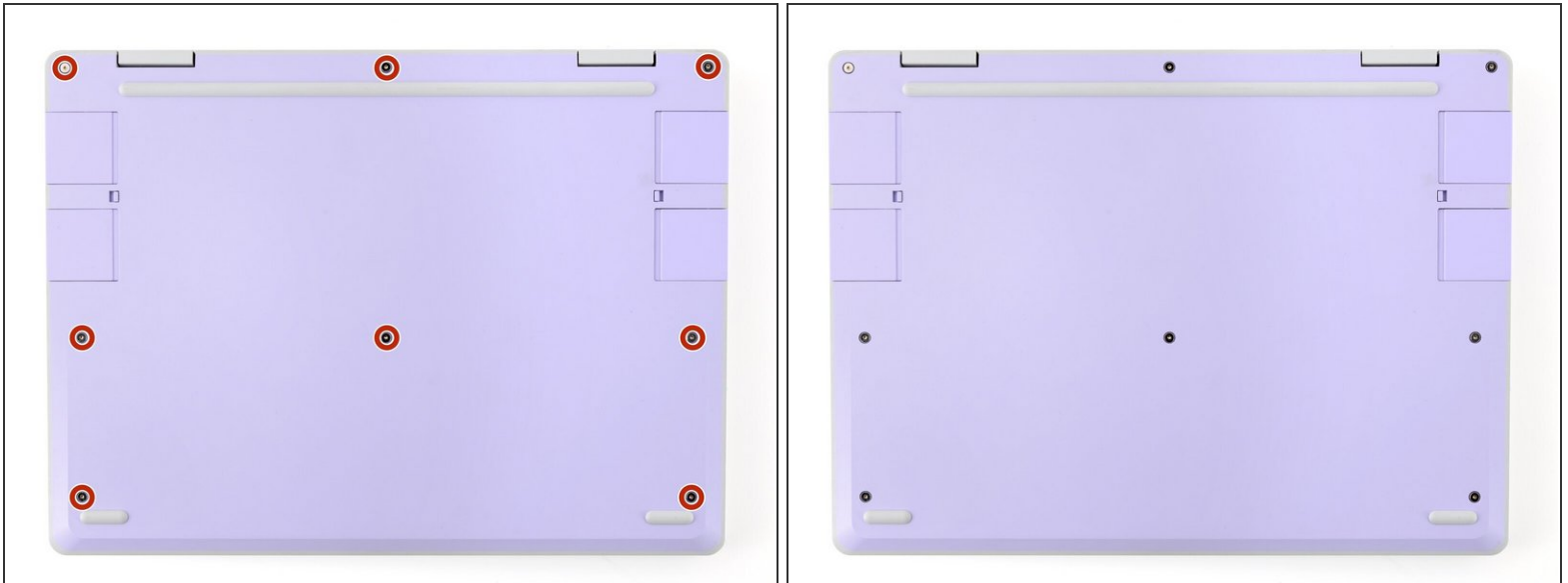
- Before you begin repairs, unplug your Laptop and **shut it down from the operating system**. This ensures that the Laptop isn't in standby/suspend mode.
 - ⓘ The indicator LEDs along the edges should be unlit. The Laptop should be silent.
 - ⓘ If you accidentally turn on the Laptop during repair, hold the power button down for 10 seconds to shut it down.
- Make sure your Framework Screwdriver has the T5 Torx bit (labeled as T-5) facing outwards. If it's not, pull the bit out and flip it.

Step 2 — Set your Laptop down



- Set your Framework Laptop face-down on a clean work surface.

Step 3 — Loosen the bottom screws



- Use your Framework Screwdriver to fully loosen the eight captive T5 Torx screws on the bottom of your Laptop.
 - ① Most screws in your Framework Laptop (including these) are captive—they're designed to stay in place after you loosen them.
 - ① Your Laptop comes with a spare set of screws [in the frame above the battery](#). Be careful—the replacement screws aren't captive.

Step 4 — Flip your Laptop over



- Flip your Laptop over so it's face-up on your work surface.

Step 5 — Open your Laptop



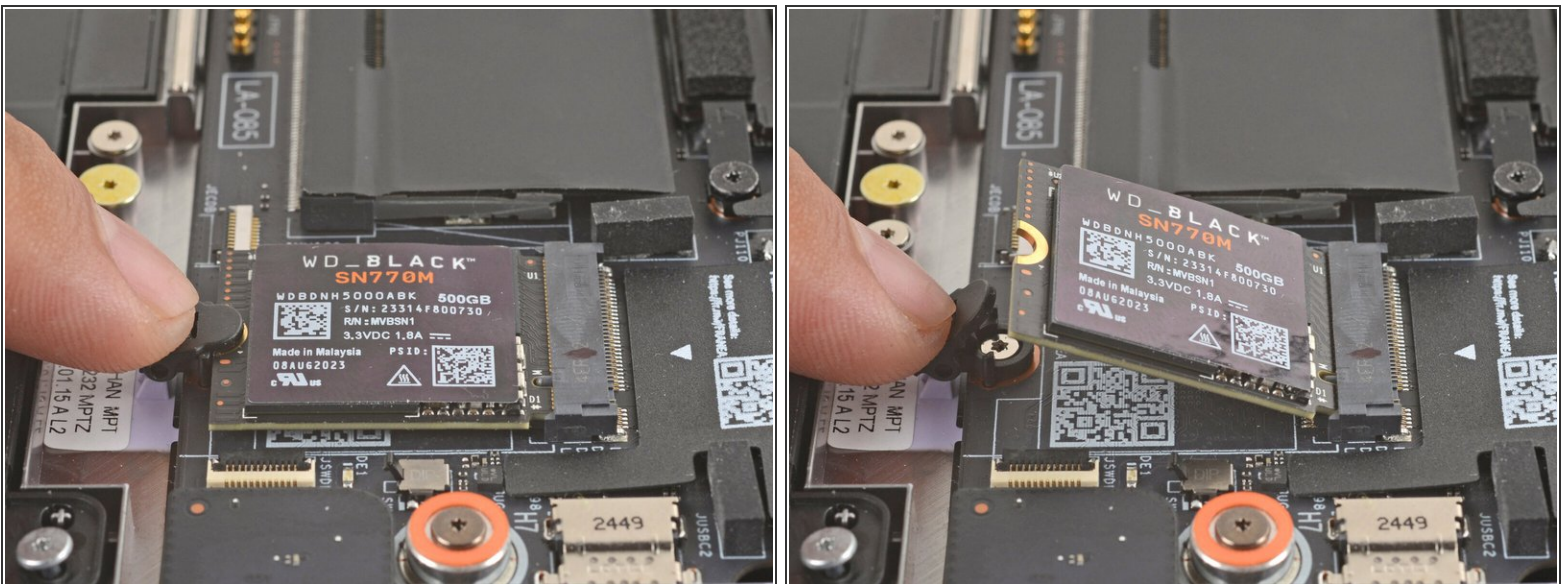
- Open the Laptop lid so that both the screen and the base lie flat on your work surface.

Step 6 — Remove the Input Cover



- Use your fingers to grip the Input Cover in the hinge cutouts.
- Lift upwards to swing the Input Cover up from the base of the Laptop.
 - ❗ There are magnets holding the Input Cover down, so you'll feel some resistance. If it feels like a lot of force is required, check that you've fully loosened all the screws on the bottom of your Laptop.
- Remove the Input Cover.

Step 7 — Unlatch the SSD



- Use your finger to press down on the black SSD latch to unlatch the SSD.
 - ❗ The SSD will pop up to an angle when it's unlatched.

Step 8 — Remove the SSD



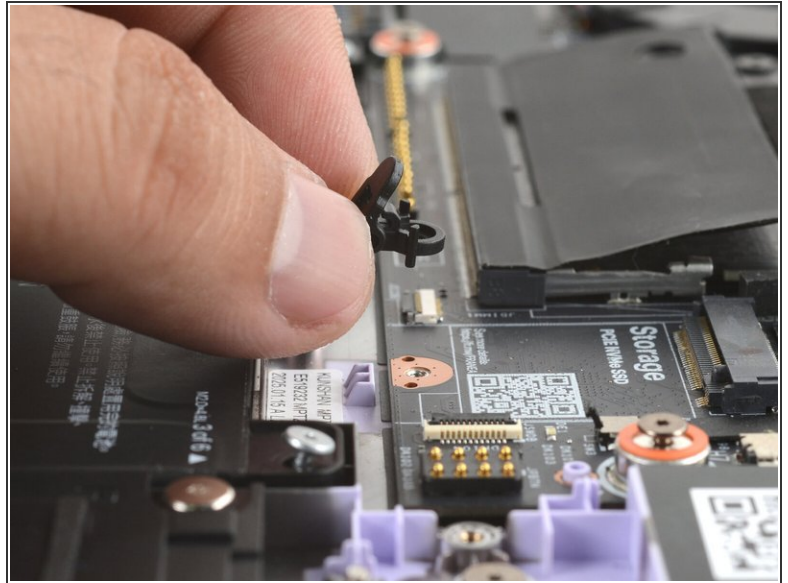
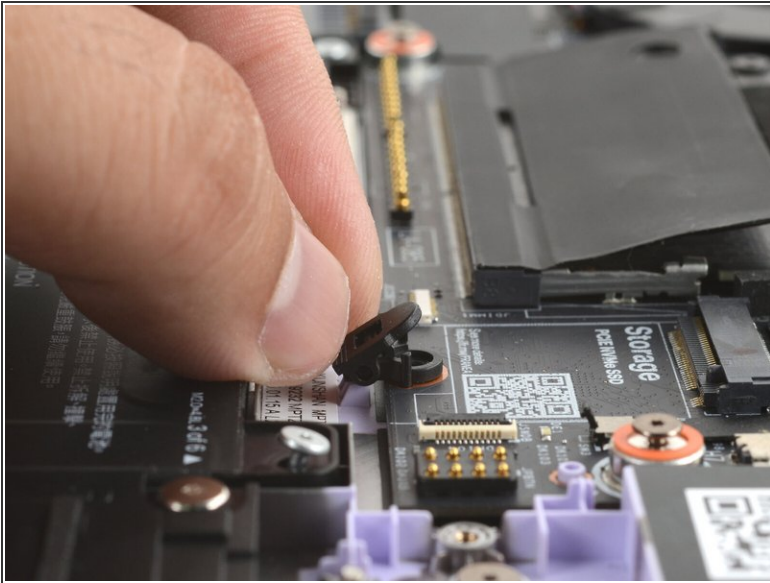
- Grab the SSD by its edges and pull it out of its socket.
- Remove the SSD.

Step 9 — Remove the SSD clip screw



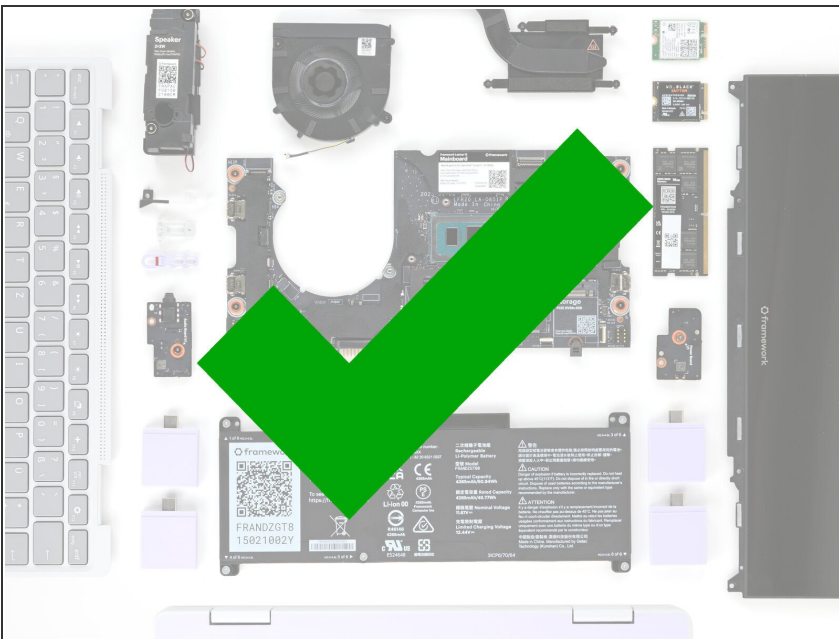
- Use your Framework Screwdriver to remove the 3.5 mm-long T5 Torx screw securing the SSD clip.
- ① This screw is not captive. Store it in a safe location for reassembly.

Step 10 — Remove the SSD clip



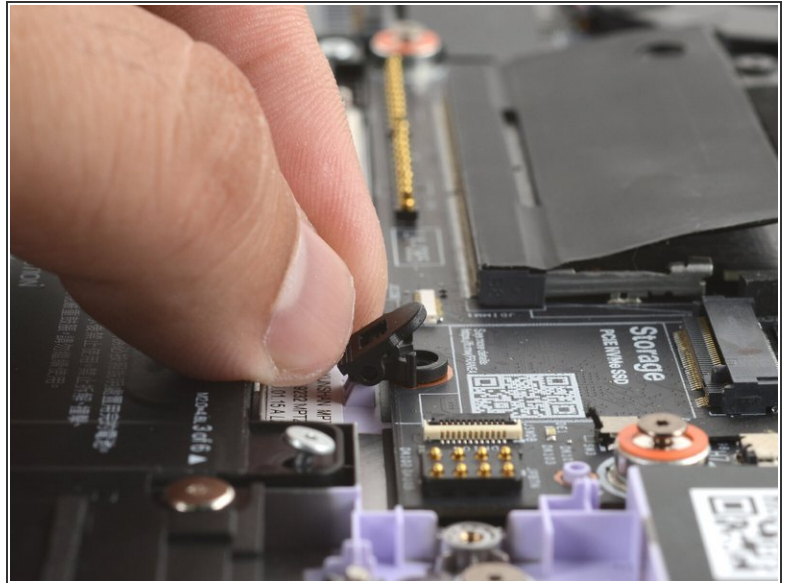
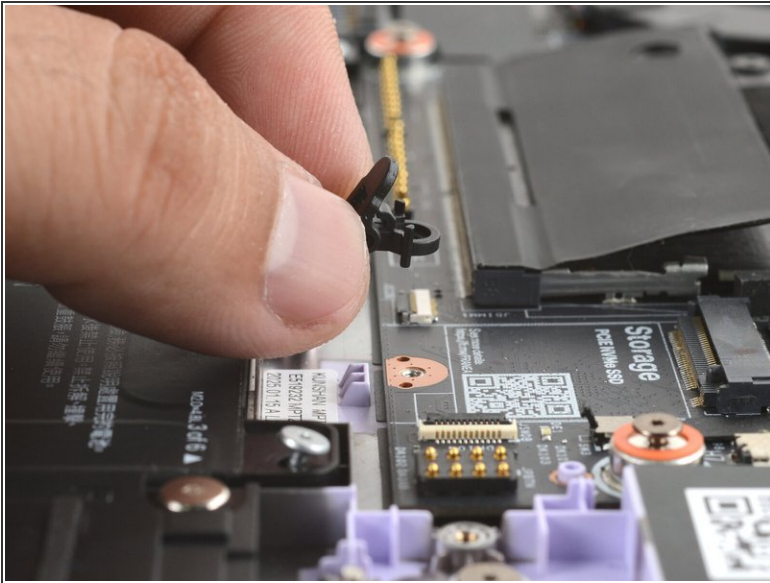
- Use your fingers to lift and remove the SSD clip.

Step 11 — Disassembly complete



- ❗ Congratulations on completing disassembly! **The remaining steps will show how to reassemble your Framework Laptop.**

Step 12 — Install the SSD clip



- Align the SSD clip with its screw hole and set its two pins into their slots on the Mainboard.

Step 13



- Use your Framework Screwdriver to install the 3.5 mm-long T5 Torx screw to secure the SSD clip.

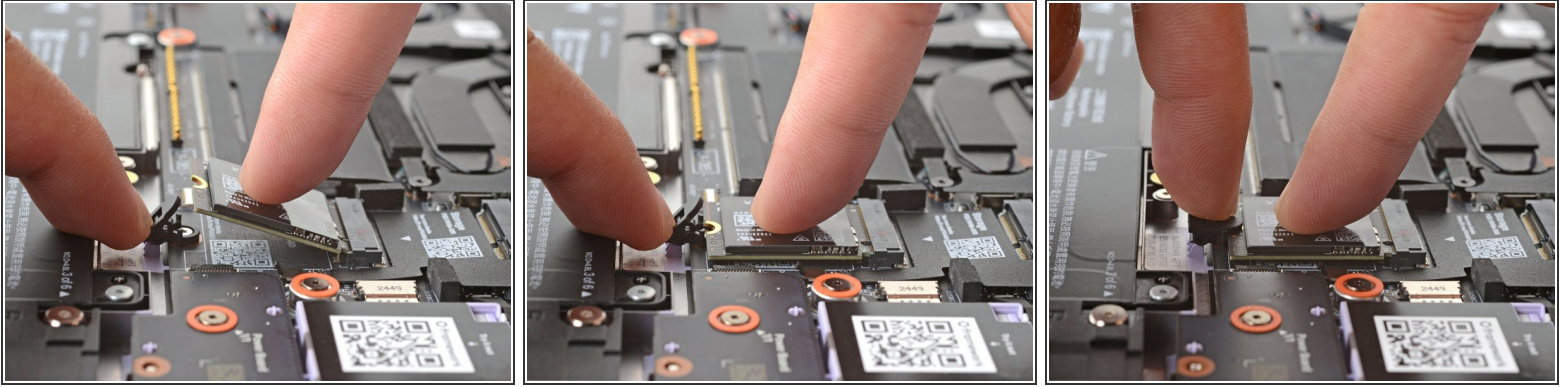
Step 14 — Install the SSD



⚠ Hold the SSD by its edges. Don't touch the gold contacts with your fingers . If you do, wipe the contacts with a clean, lint-free cloth to remove any finger oils.

- Align the SSD's gold contacts with its socket.
- Insert the SSD into the socket at a shallow angle. The gold contacts should mostly be covered by the socket.
- ① The SSD fits into the socket in one orientation. If it doesn't feel like it fits, try flipping the module.

Step 15



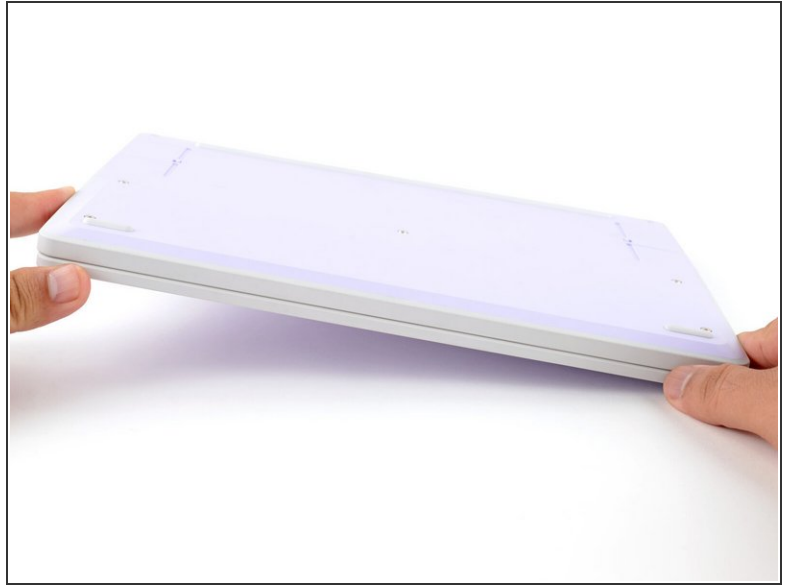
- Use your finger to press down on the black SSD latch to keep it open.
- Use another finger to press the SSD down until it lays flat.
 - ❗ If the SSD doesn't fit in the latch, you may need to insert the SSD further into its socket.
- Use your finger to close the latch to secure the SSD.
 - ❗ You should hear a click, and the SSD should no longer pop up.

Step 16 — Install the Input Cover



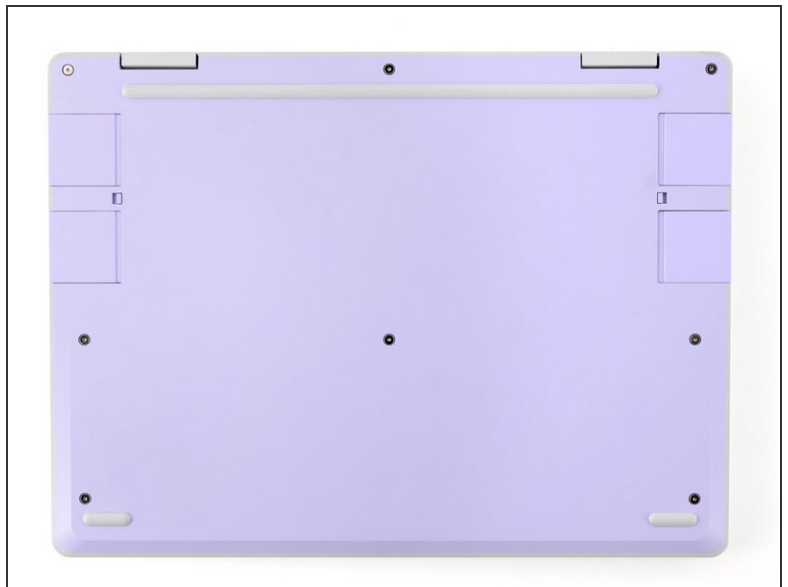
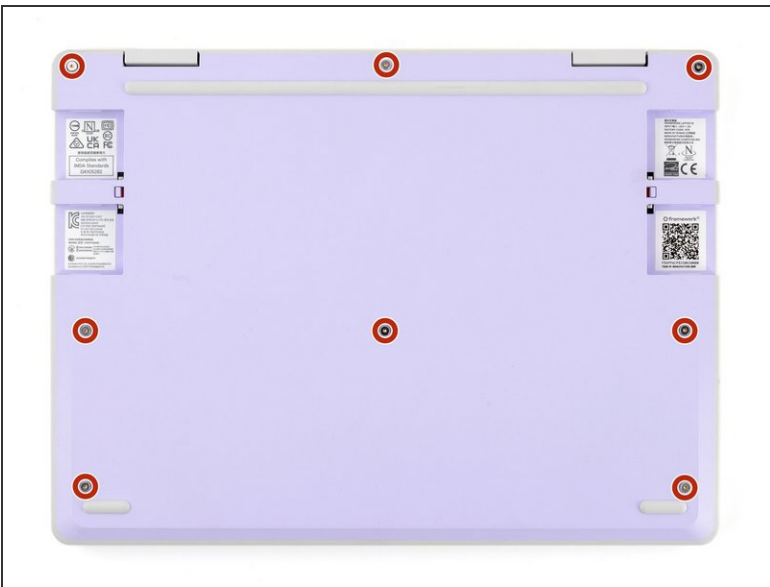
- Angle the bottom edge of the Input Cover towards the base of the Laptop.
- Align and insert the bottom edge of the Input Cover into the base of the Laptop.
 - ❗ Make sure the [slots along the bottom edge of the Input Cover](#) slide into the tabs in the base.
- Lower the Input Cover's top edge onto the laptop until the magnets snap it in place.
 - ❗ Make sure the Input Cover sits neatly within the laptop frame and no corners are popping up.

Step 17 — Close and flip your Laptop



- Close the Laptop lid.
- Flip your Laptop face-down on a clean work surface.

Step 18 — Tighten the bottom screws



- Use your Framework Screwdriver to tighten the eight captive T5 Torx screws on the bottom of your Laptop.
 - ⓘ Tighten the screws until they're snug. Don't over-tighten them, or you may strip the screws.

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You finished fixing your Framework Laptop!

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

If you need help, [contact Framework support](#).