How to Install an M.2 SSD

Follow this general guide to learn how to...

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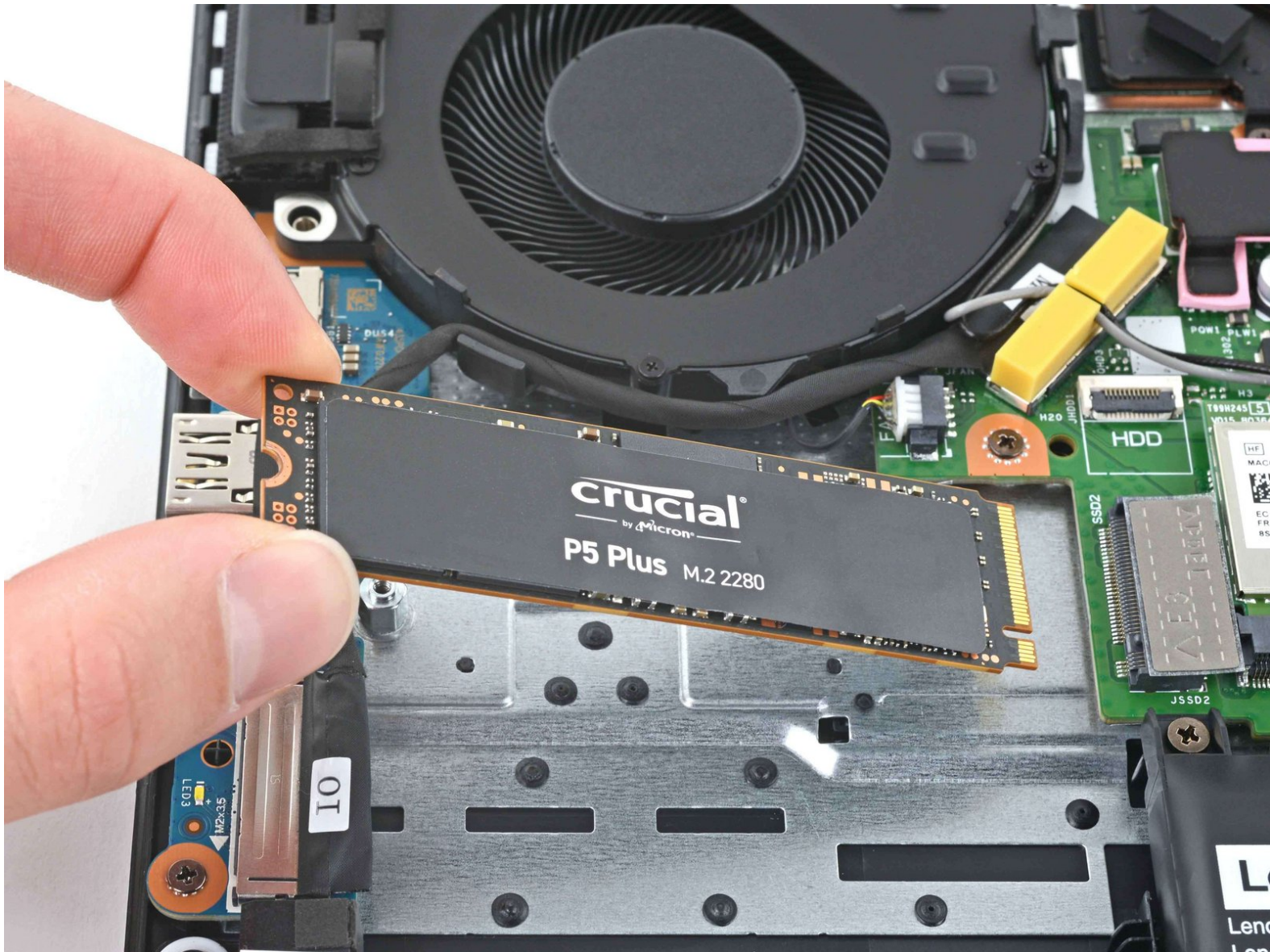
INTRODUCTION

Follow this general guide to learn how to install an M.2 SSD in your laptop.

Before you work on your laptop , be sure to **completely power off and unplug** it. Make sure the laptop is not in standby, sleep, or hibernation mode.

## TOOLS:

- iFixit Precision Bit Driver (1)
- Tweezers (1)

PARTS:

- Crucial P3 NVMe PCIe M.2 2280SS SSD - solid performance, switching from HDD or SATA to NVMe™ (1)
- Crucial P3 Plus NVMe PCIe M.2 2280SS SSD - fast Gen4 NVMe™ storage for data-intensive applications (1)
- Crucial P5 Plus NVMe PCIe M.2 2280SS SSD - professionals, creatives, and hardcore gamers (1)

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Step 1 — Reposition the standoff
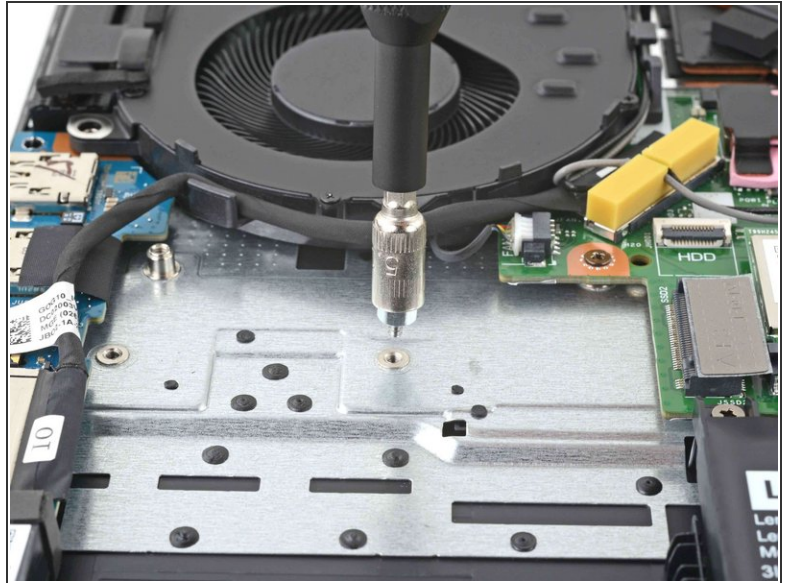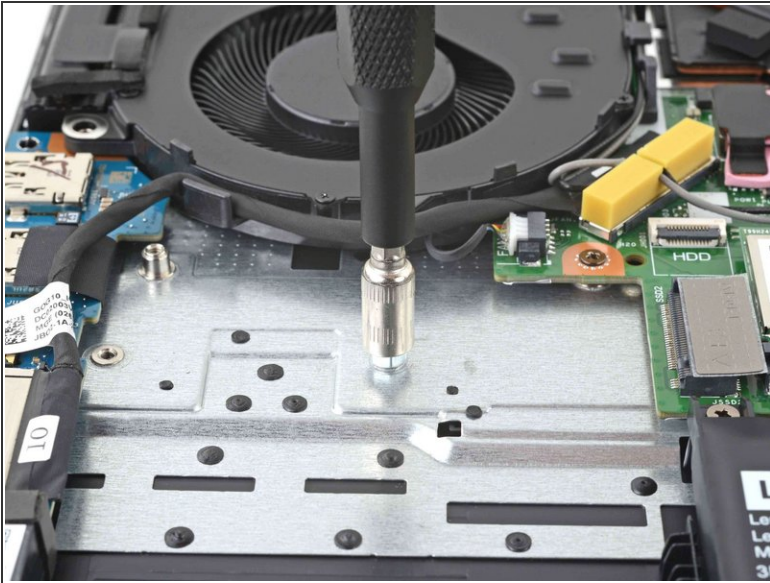
- ⓘ If your laptop did not include a removable standoff or only supports one M.2 SSD form factor, you can skip this step.

- Use a screwdriver to remove the preinstalled standoff.
  - ⓘ If your laptop does not include a preinstalled standoff, you will need to get one.

- Find the correct standoff location that corresponds to your desired M.2 SSD form factor.

- Screw in the standoff.

www.iFixit.com

Step 2 — Insert the SSD
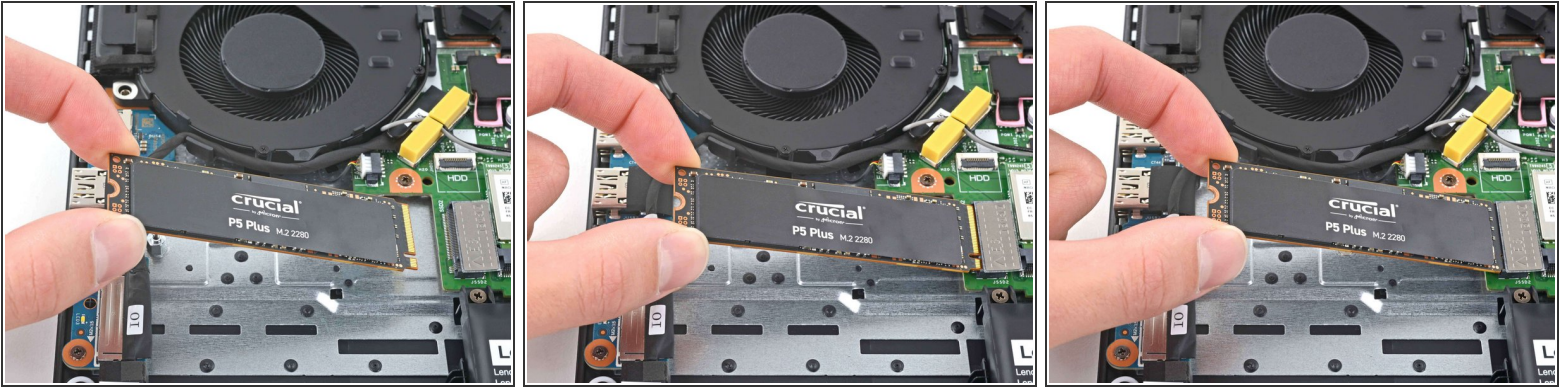
- Grip the SSD on the sides near the screw indent.

- Gently slide the SSD into the socket at about a 30˚ angle.
  - (i) The socket is spring loaded and will support the SSD at an angle.

Step 3 — Screw down the SSD
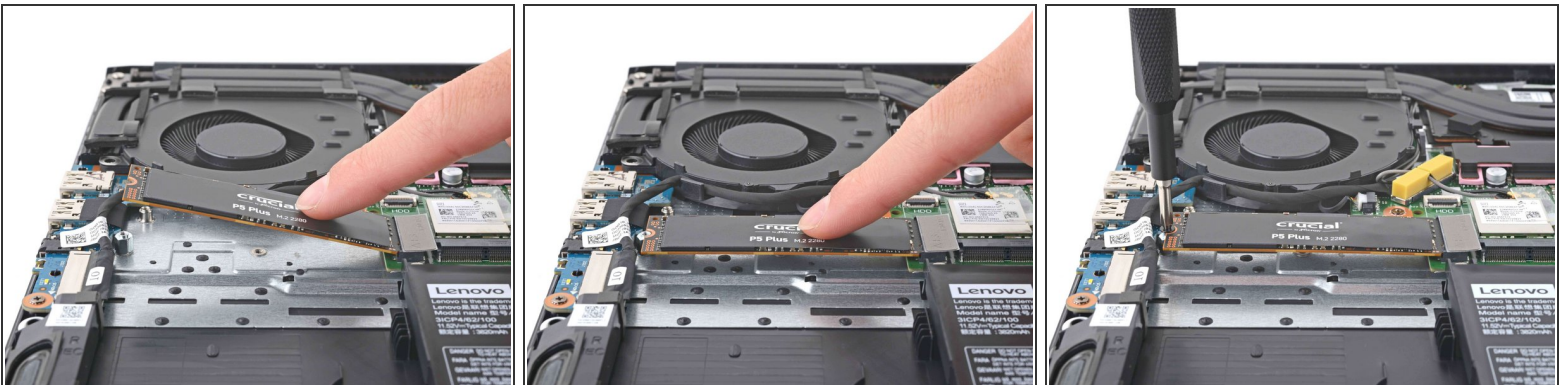
- Use your finger to hold the SSD down horizontally, making sure that the screw indent aligns with the standoff.

- Screw down the SSD to secure it.

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Step 4 — Apply a thermal pad
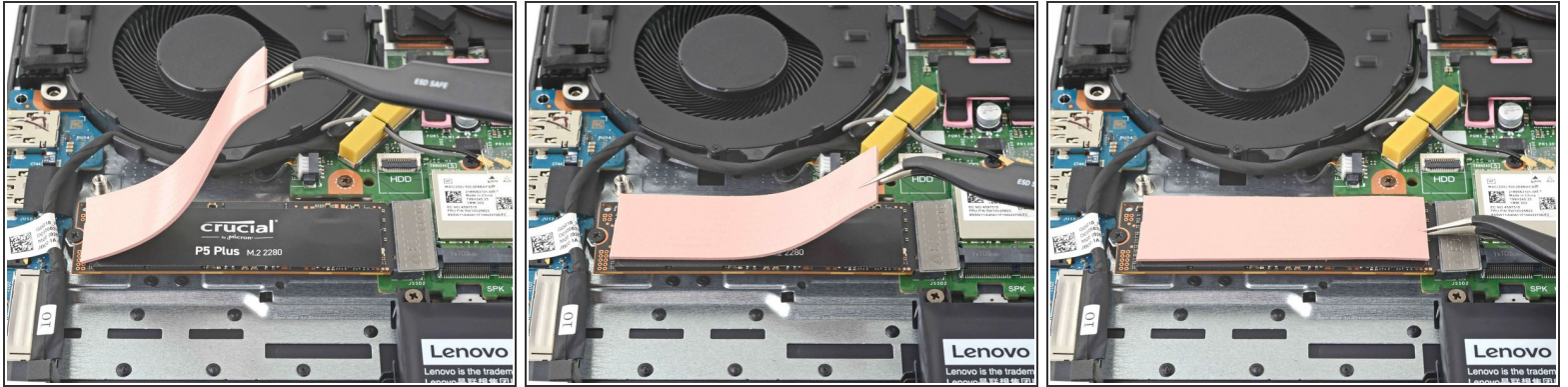
ⓘ If your laptop did not have a thermal pad installed, you can skip this step.

● Use tweezers or your fingers to place a thermal pad on the top of the SSD.

ⓘ The original thermal pad can be reused if it is clean and undamaged.

Installation didn't go as planned? Try some basic troubleshooting, or ask our Answers community for help.

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