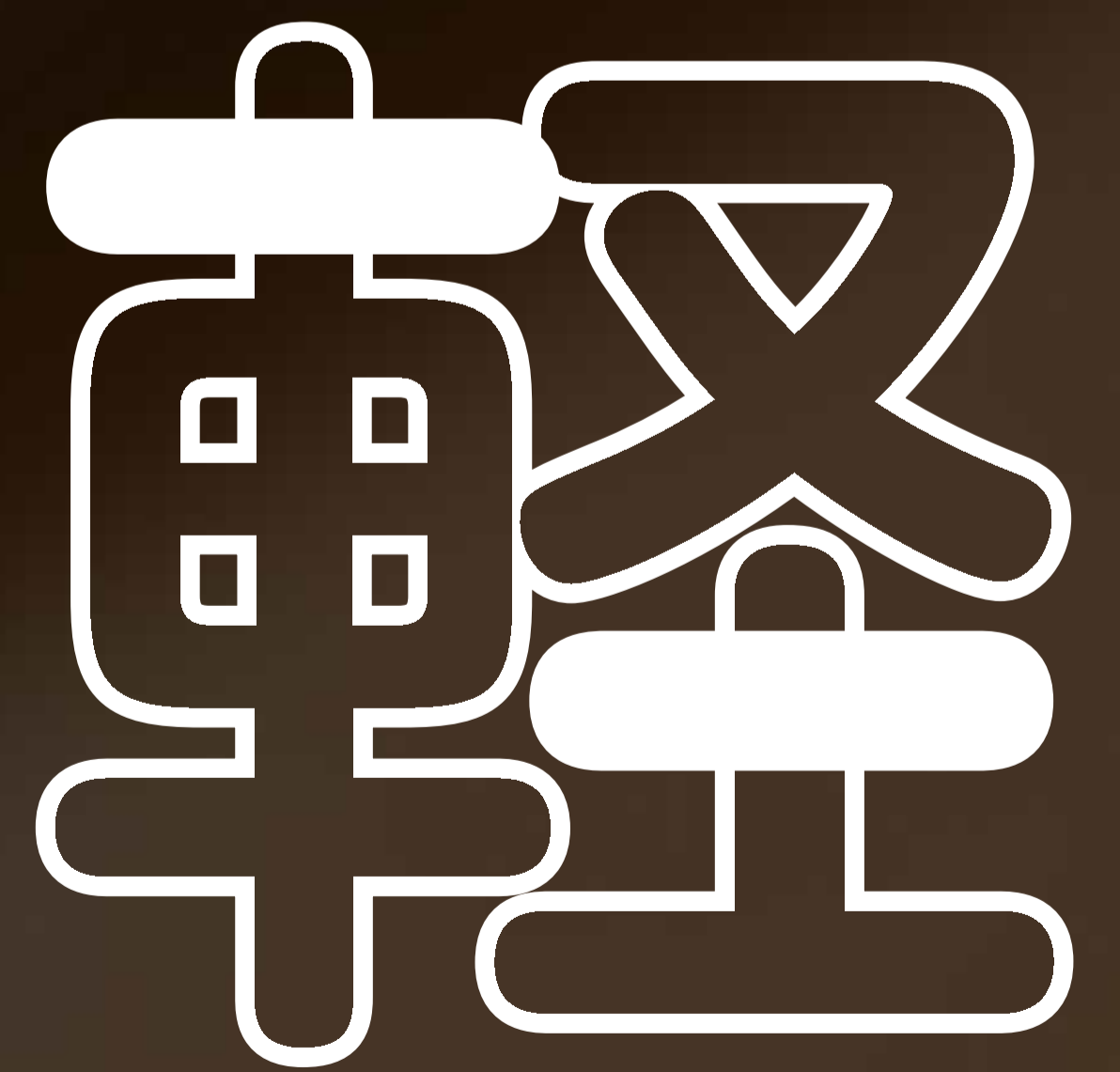


MONOKEI Kei v2

MX Build
Instructions



What's Included

Your purchase of MONOKEI Kei v2 comes with the following parts. Kindly ensure that your parts are complete before beginning the assembly process.

1 × **Top Case** 60% WK / 60% HHKB / 65%

1 × **Bottom Case**

1 × **MX PCB** Hotswap / Solder

1 × **MX Full Plate**

1 × **Bluetooth Daughterboard (BTDB) Pack**

- 1 × BTDB
 - 1 × BTDB Cable
 - 1 × Battery
 - 4 × Screws
-

1 × **Silicone Pack**

- 4 × Rubber Feet
 - 8 × Gasket Socks
 - 1 × USB Cover
 - 1 × Battery Sleeve
 - 1 × Plate Dampener
 - 1 × Seion Sheet
-

1 × **Accessories**

- 1 × Sticker Pack
 - 1 × User Guide Card
 - 1 × Microfiber Cloth
-

1 × **Kaban**

Missing parts? Kindly write in to support@monokei.co for us to assist you.

Additional Purchase

You will need these extra parts to complete the build. Please ensure you have them ready before starting the build.

60% MX Build

61-66 × MX Switches (depending on your layout)

1 × Stabilisers Set (PCB-mounted, clip-in*)

1 × 6.25U / 7U

4 × 2U

Your own keycaps

MX-compatible stem

65% MX Build

66-69 × MX Switches (depending on your layout)

1 × Stabilisers Set (PCB-mounted, clip-in*)

1 × 6.25U / 7U

3 × 2U

Your own keycaps

MX-compatible stem

* Screw-in stabilisers can be used but are not compatible with the plate dampener. Tested with Durock screw-in stabilisers (PCB mount).

01 — How to build your keyboard

SECTION 1 Unboxing the keyboard



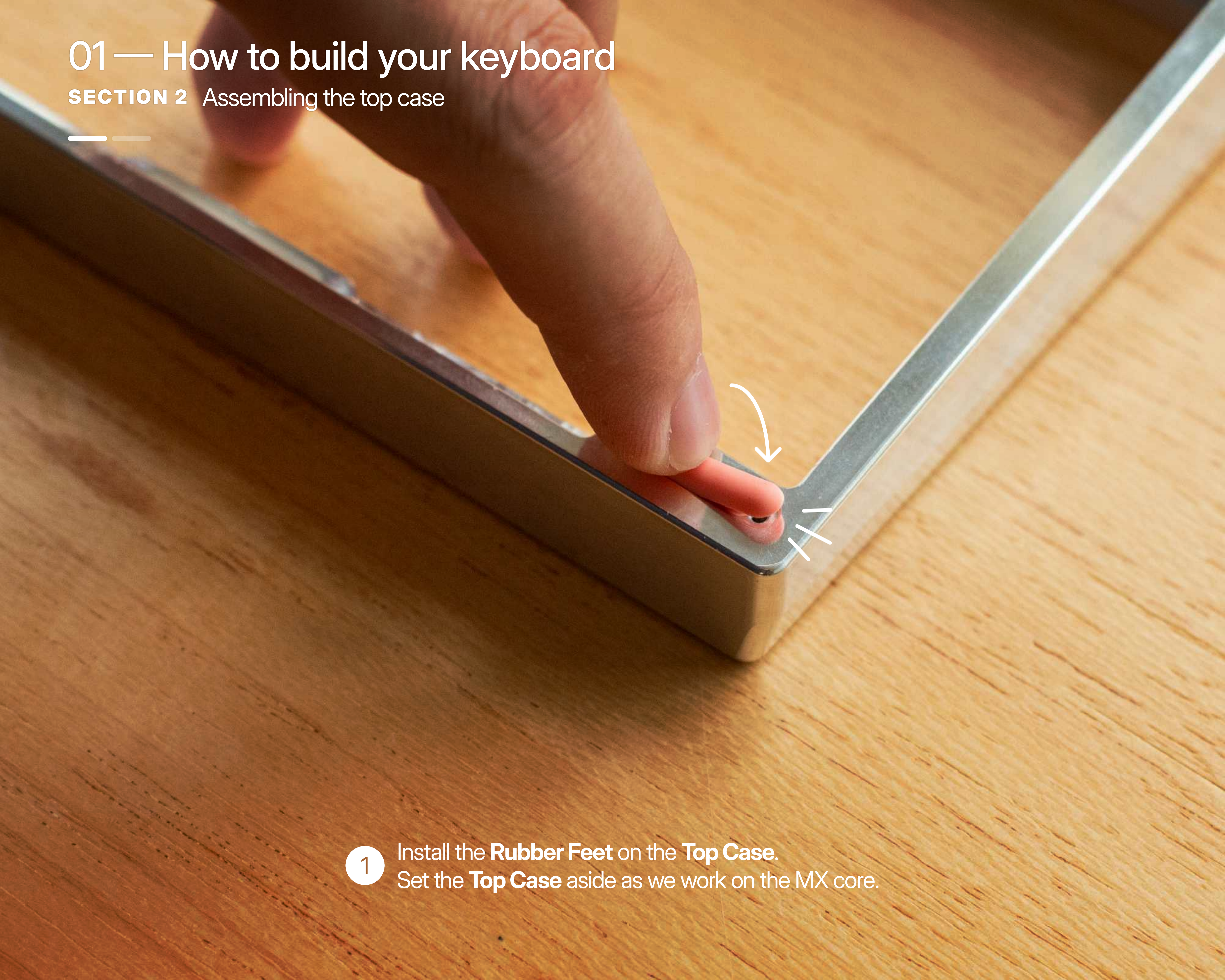
1 Carefully open the packaging of your **Kei v2**.

2 Remove the keyboard from the **Kaban**.

3 Set aside any included accessories.

01 — How to build your keyboard

SECTION 2 Assembling the top case

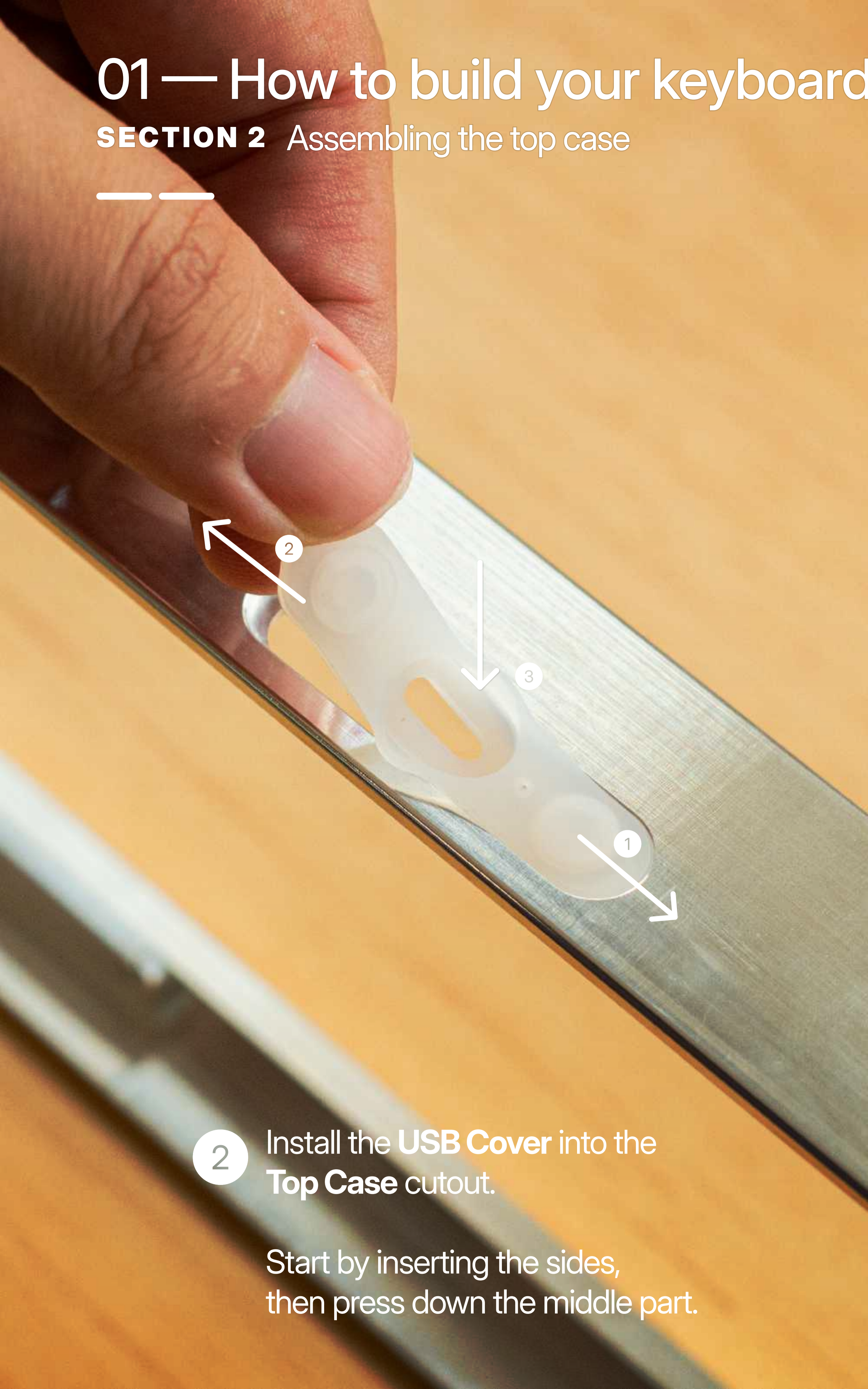
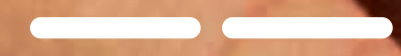


1

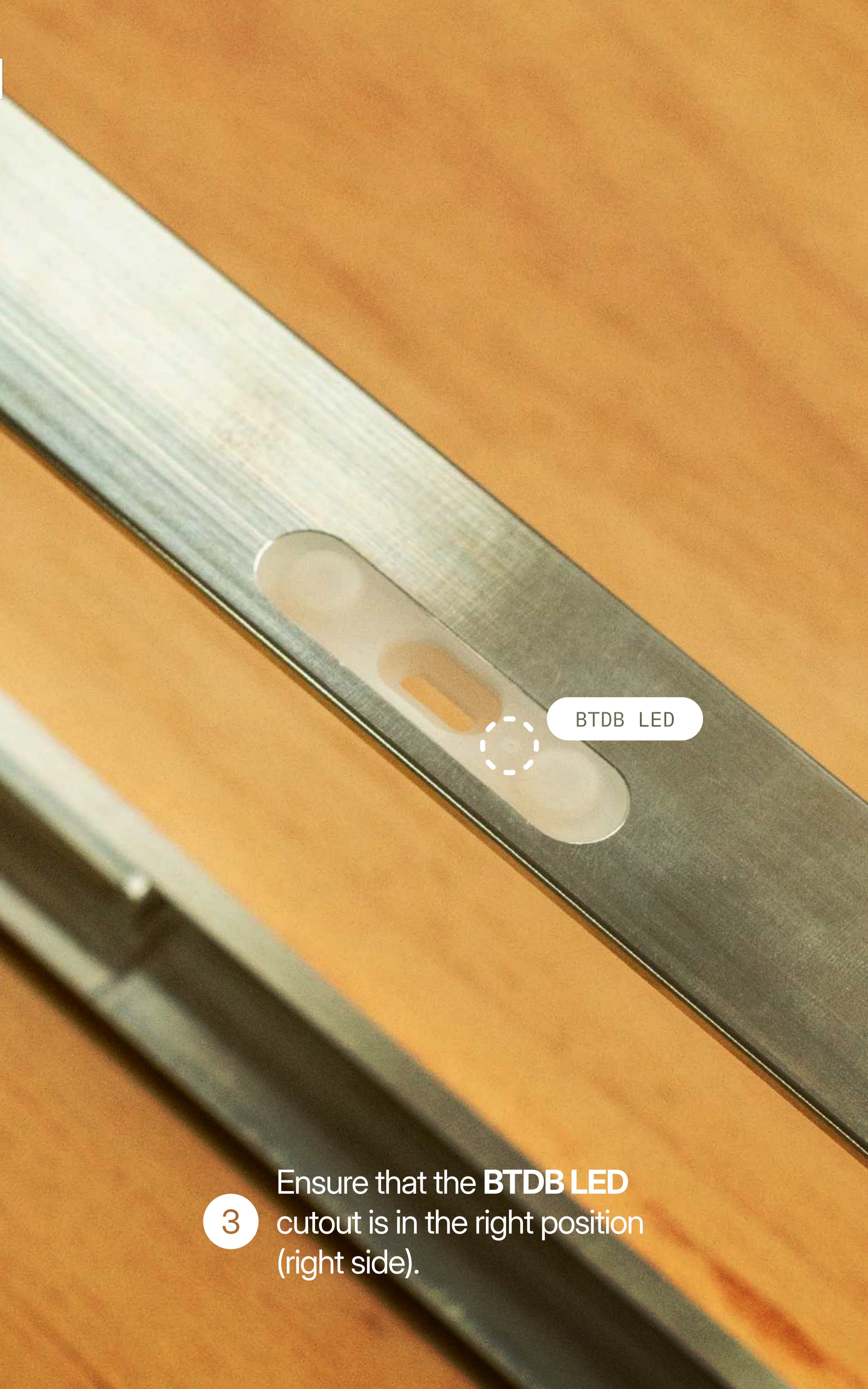
Install the **Rubber Feet** on the **Top Case**.
Set the **Top Case** aside as we work on the MX core.

01 — How to build your keyboard

SECTION 2 Assembling the top case



2 Install the **USB Cover** into the **Top Case** cutout.
Start by inserting the sides, then press down the middle part.



3 Ensure that the **BTDB LED** cutout is in the right position (right side).

01 — How to build your keyboard

SECTION 3A Testing the MX PCB



! Begin by testing the **PCB** to ensure it is fully functional.

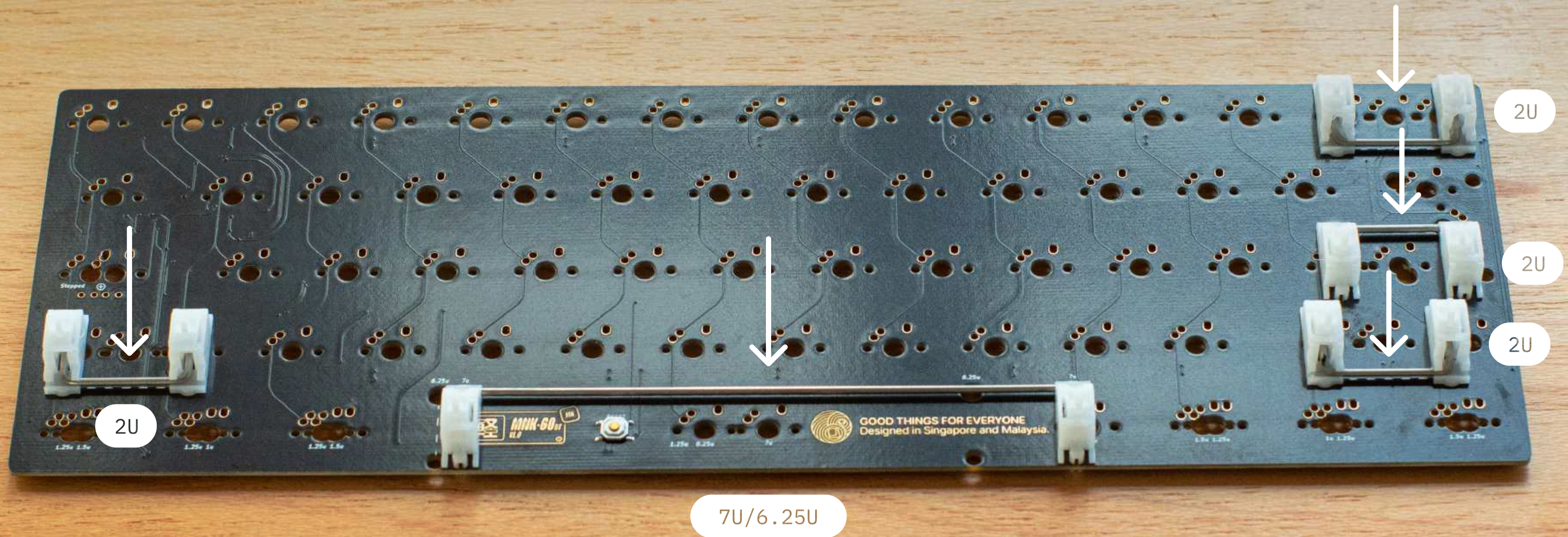
1 Connect the **PCB** to the **BTDB** using the supplied **BTDB Cable**.

2 Connect the **BTDB** to your computer via USB-C cable. Press the **BT button** once to enter **Wired mode**.

3 Test the **PCB** and verify keystrokes using VIA. Once testing is complete, remove the USB-C cable for the next step.

01 — How to build your keyboard

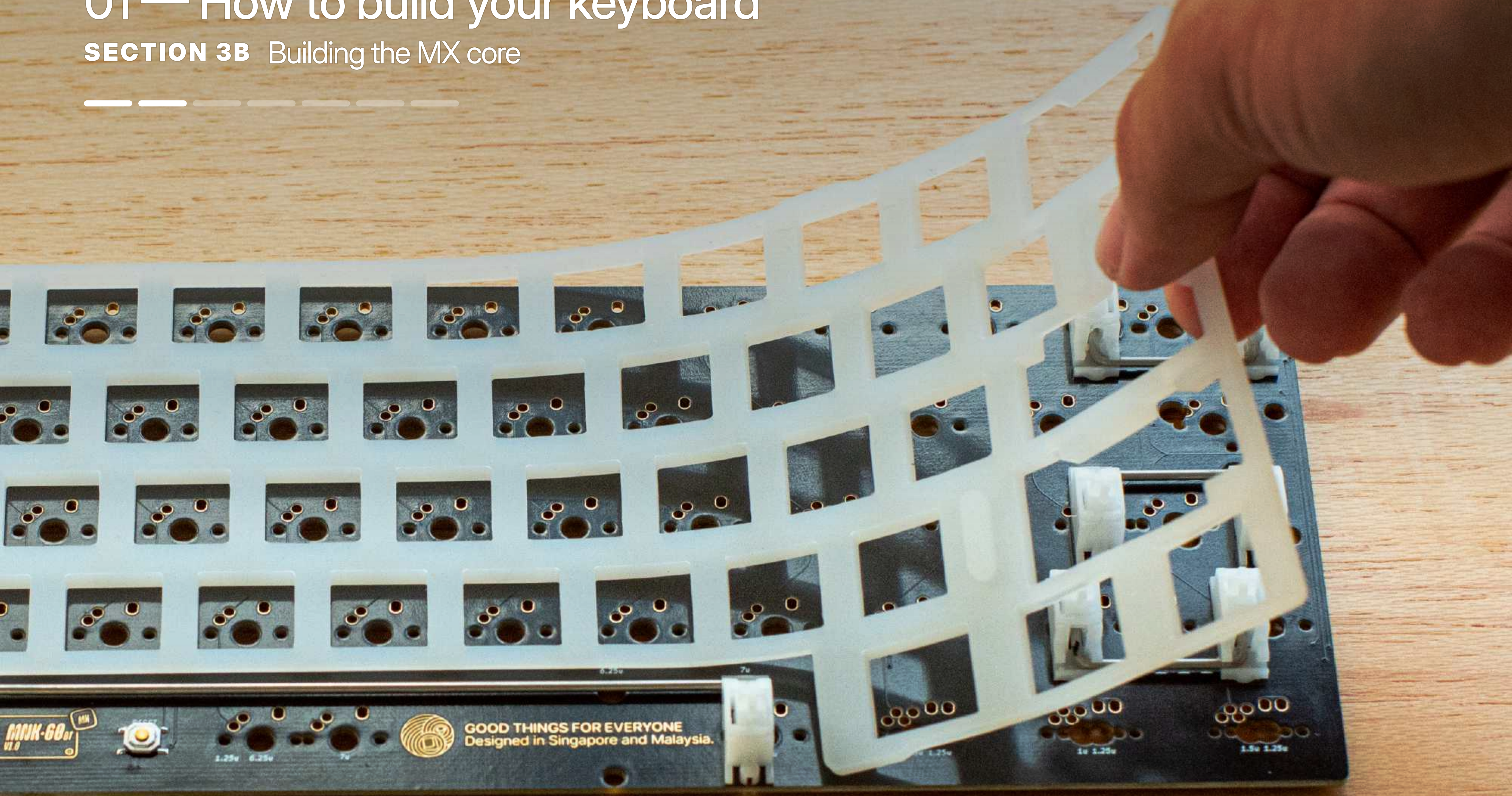
SECTION 3B Building the MX core



- 1 Install stabilisers onto the **PCB**.
For **Solder PCBs**, insert washers
to prevent shorting the **PCB**.

01 — How to build your keyboard

SECTION 3B Building the MX core



2

Place the **PCB** flat on the table. Install the **Plate Dampener** to reduce switch noise.

01 — How to build your keyboard

SECTION 3B Building the MX core



3 Place the **Plate** over the **Plate Dampener**.

01 — How to build your keyboard

SECTION 3B Building the MX core



4

Install your switches.

01 — How to build your keyboard

SECTION 3B Building the MX core



- 5 Install the **Gasket Socks** on the plate, with the wavy side facing down. This provides cushioning and improves typing feel.

01 — How to build your keyboard

SECTION 3B Building the MX core

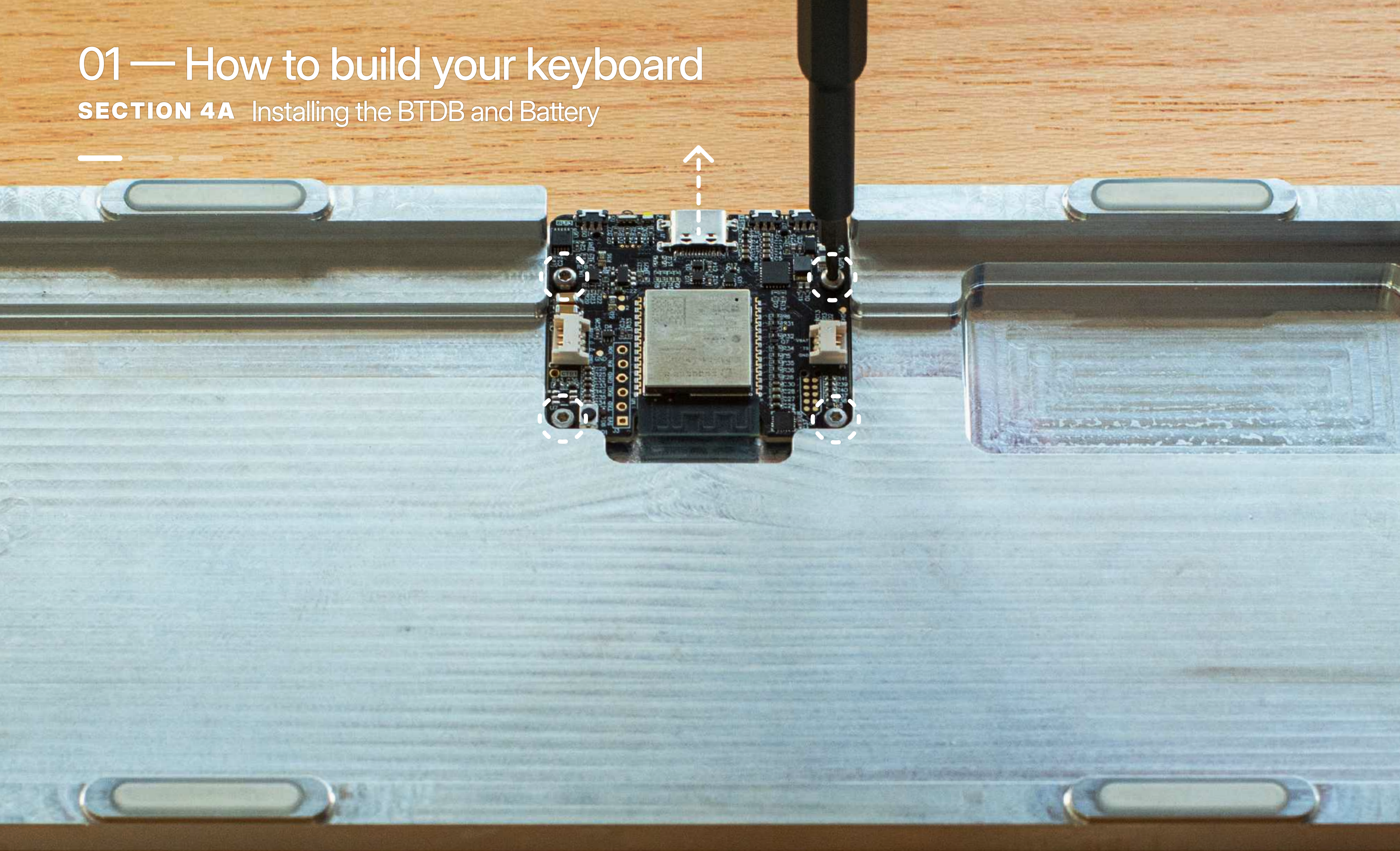


6

Install your favourite keycaps.
The core assembly is now complete.

01 — How to build your keyboard

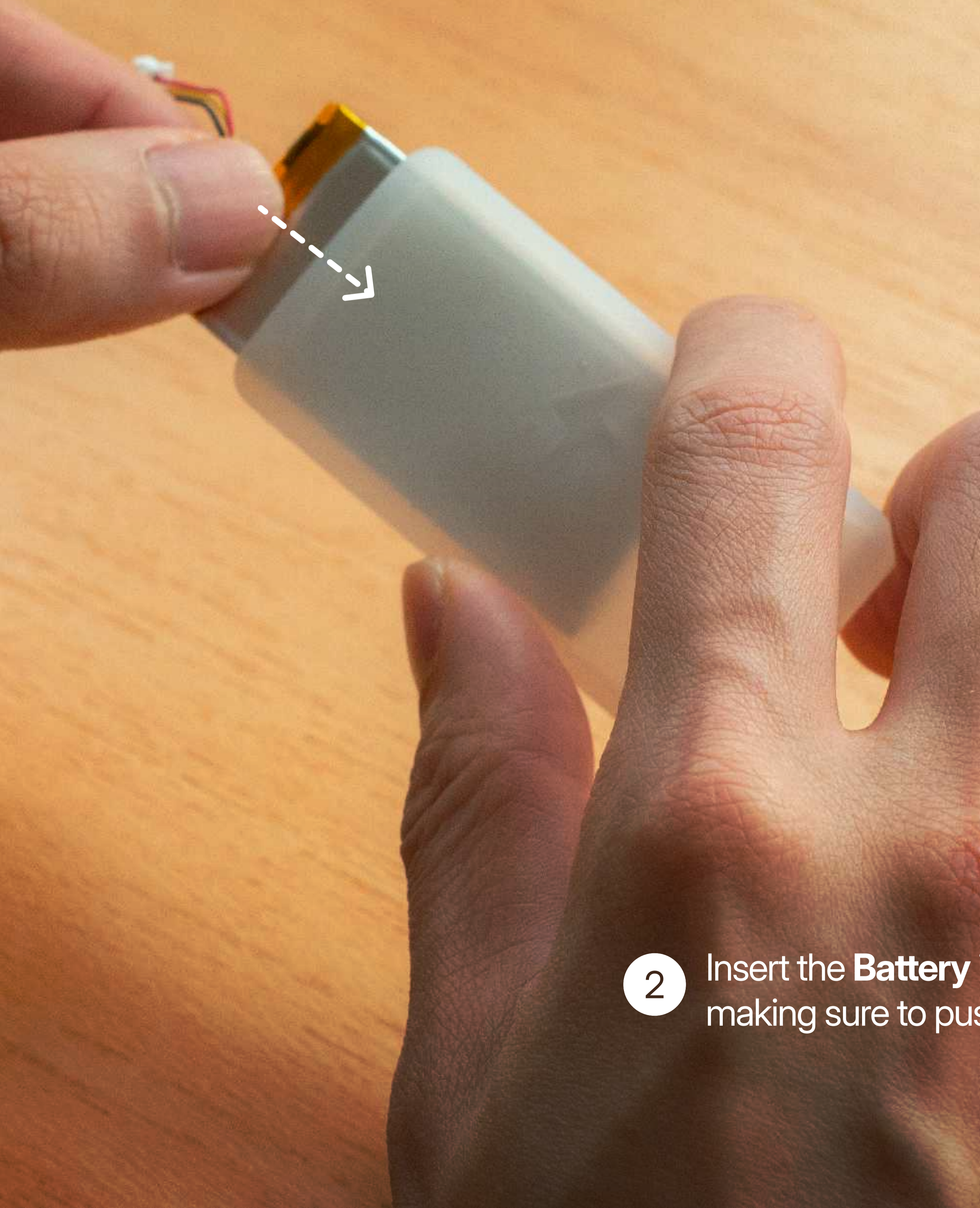
SECTION 4A Installing the BTDB and Battery



- 1 Position the **Bluetooth Daughterboard** and secure it using the provided screws and a T6 Torx screwdriver (not provided).

01 — How to build your keyboard

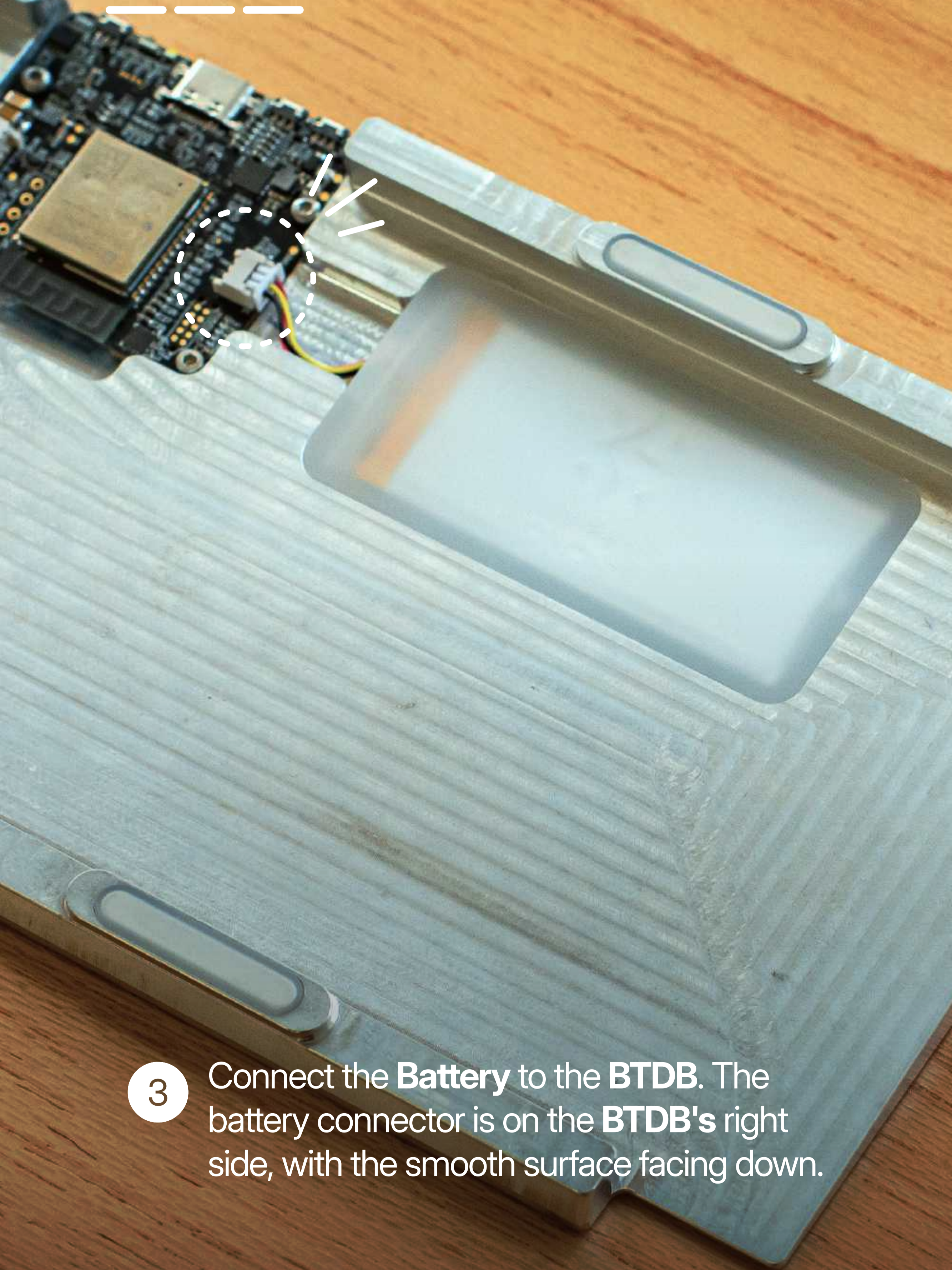
SECTION 4A Installing the BTDB and Battery



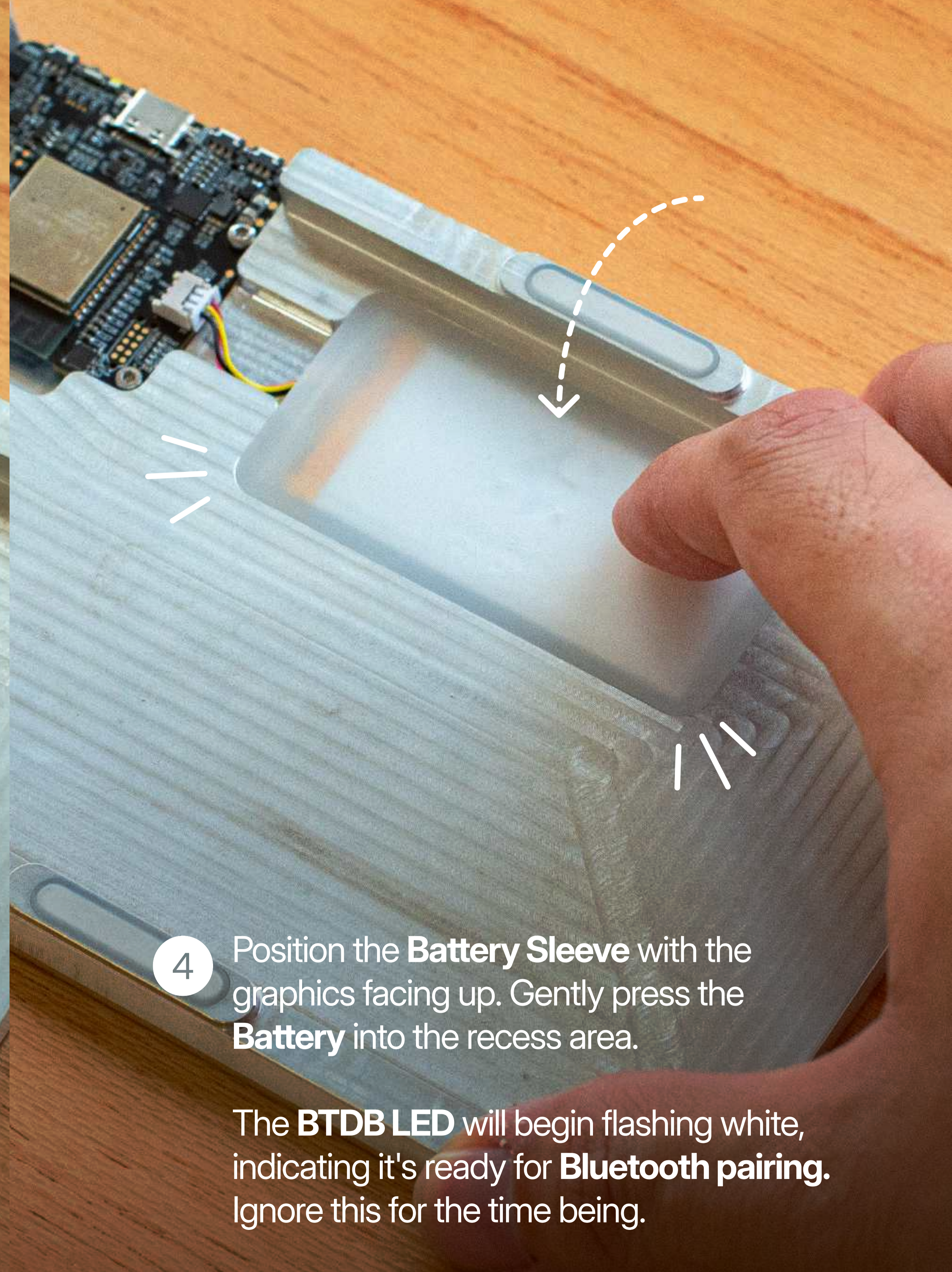
2 Insert the **Battery** into the **Battery Sleeve**, making sure to push it all the way in.

01 — How to build your keyboard

SECTION 4A Installing the BTDB and Battery



3 Connect the **Battery** to the **BTDB**. The battery connector is on the **BTDB's** right side, with the smooth surface facing down.



4 Position the **Battery Sleeve** with the graphics facing up. Gently press the **Battery** into the recess area.

The **BTDB LED** will begin flashing white, indicating it's ready for **Bluetooth pairing**. Ignore this for the time being.

01 — How to build your keyboard

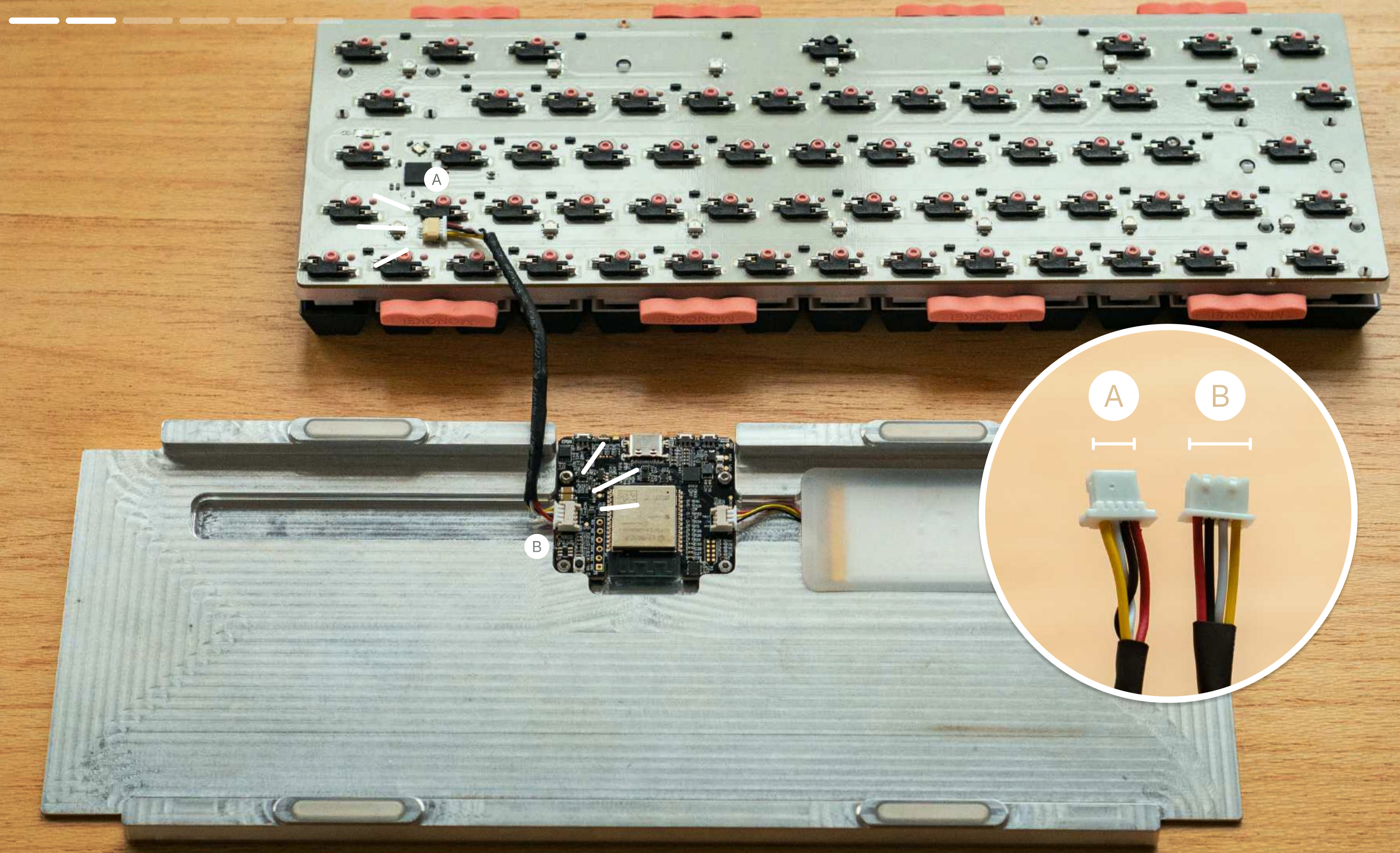
SECTION 4B Final assembly



- 1 Align and place the **Seion Sheet** over the **BTDB**. (optional)

01 — How to build your keyboard

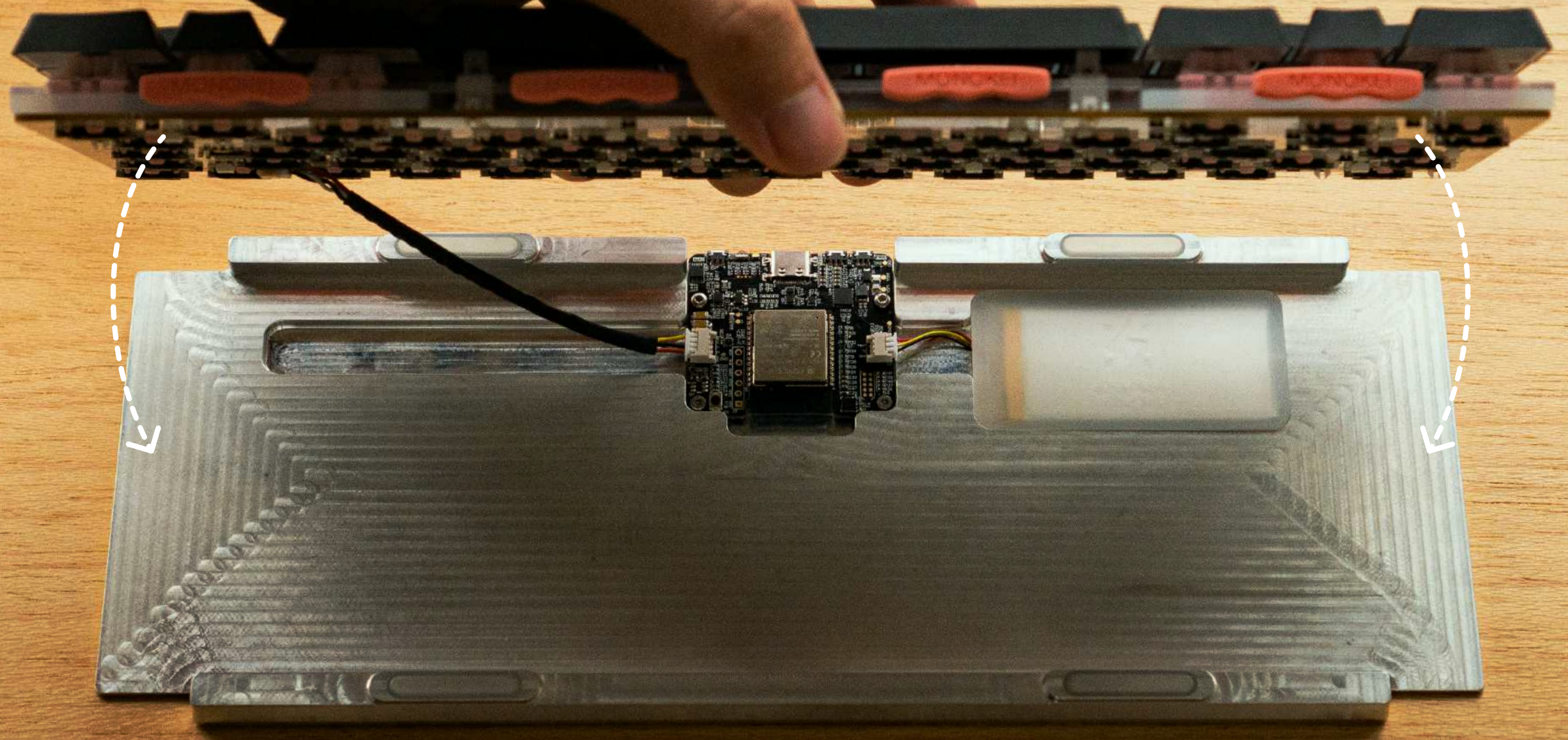
SECTION 4B Final assembly



- 2 Position the core assembly next to the bottom case to bring the cable connectors closer. Connect the **BTDB Cable** to the **BTDB**.

01 — How to build your keyboard

SECTION 4B Final assembly



- 3 Carefully flip the core assembly over onto the **Bottom Case**.

01 — How to build your keyboard

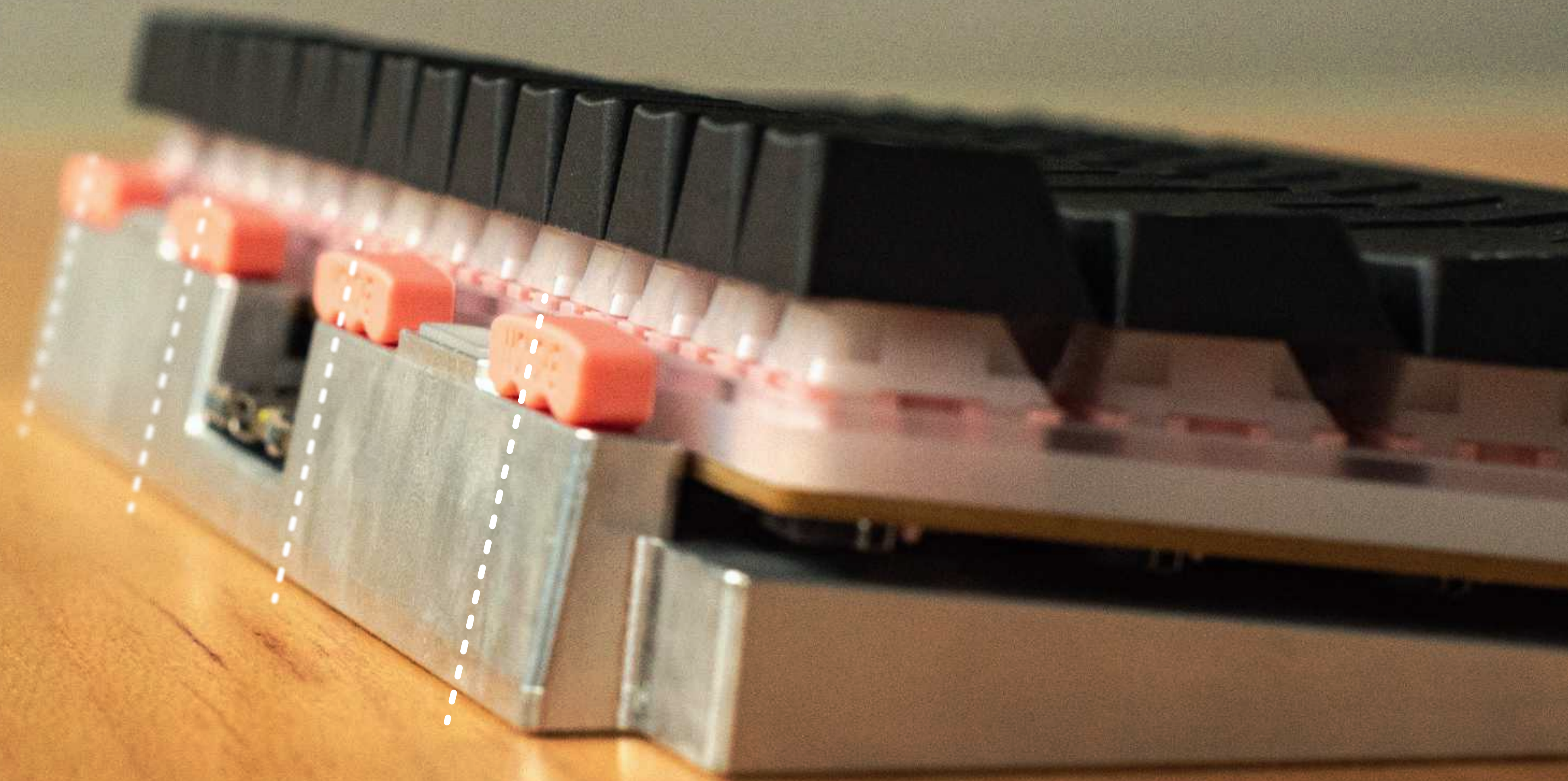
SECTION 4B Final assembly



4 Place the core assembly onto the **Bottom Case**.

01 — How to build your keyboard

SECTION 4B Final assembly



5

Ensure the **Gasket Socks** do not protrude past the **Bottom Case** edges.

01 — How to build your keyboard

SECTION 4B Final assembly



- 6 Assemble the **Top Case**. Congratulations, Your **Kei v2** is build is now complete!

02 — Dress up your Kei



1

Select unique and eye-catching keycaps that reflect your personal style.

02 — Dress up your Kei



- 2 Enhance the aesthetics of your **Kei v2** by attaching a sleek and visually appealing **Kohaku Backplate**.

02 — Dress up your Kei



3

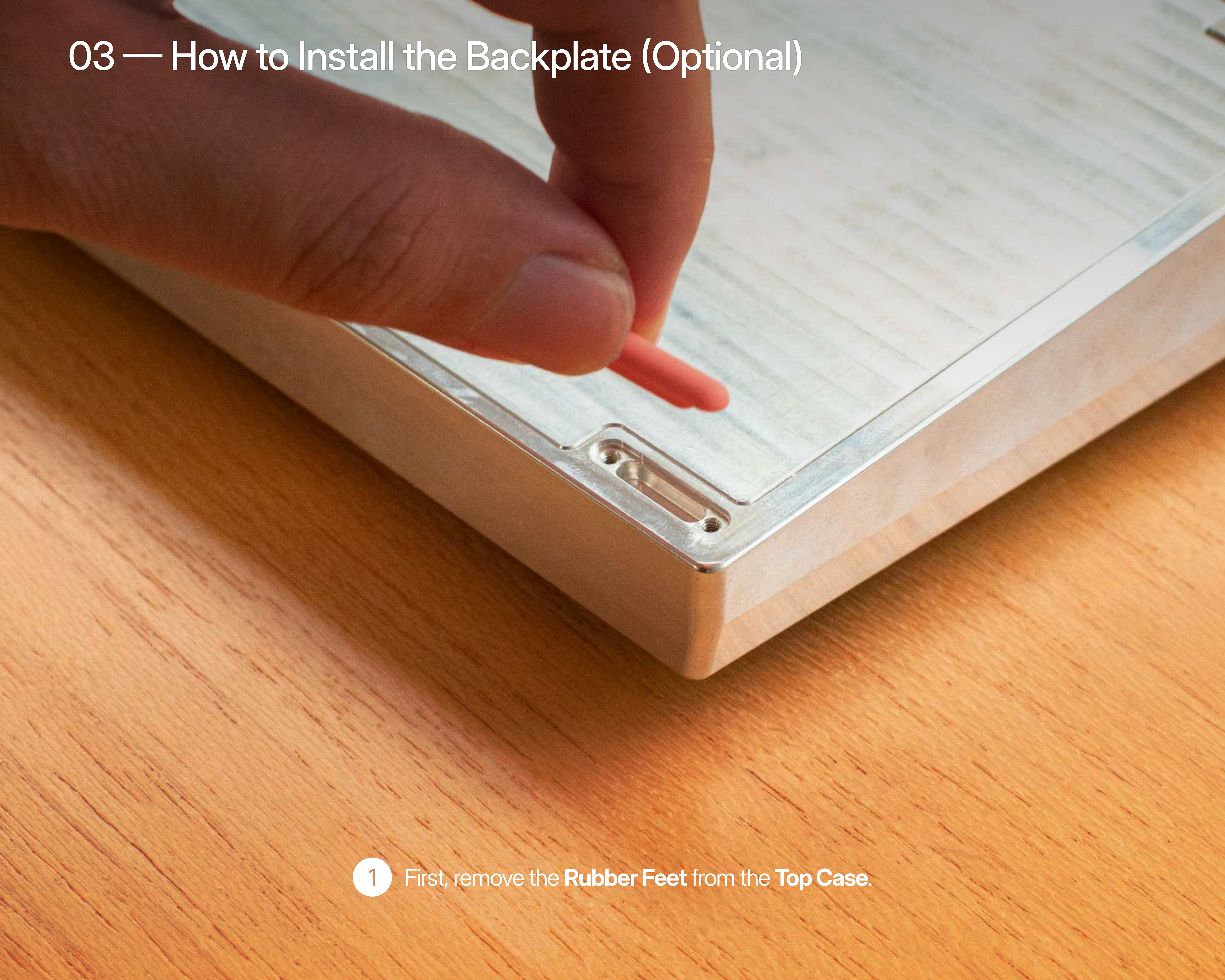
Personalise your **Kei v2** with a **Silicone Pack** of your favourite colour.

02 — Dress up your Kei



- 4 Switch up your build with all kinds of exciting switches in the market.

03 — How to Install the Backplate (Optional)



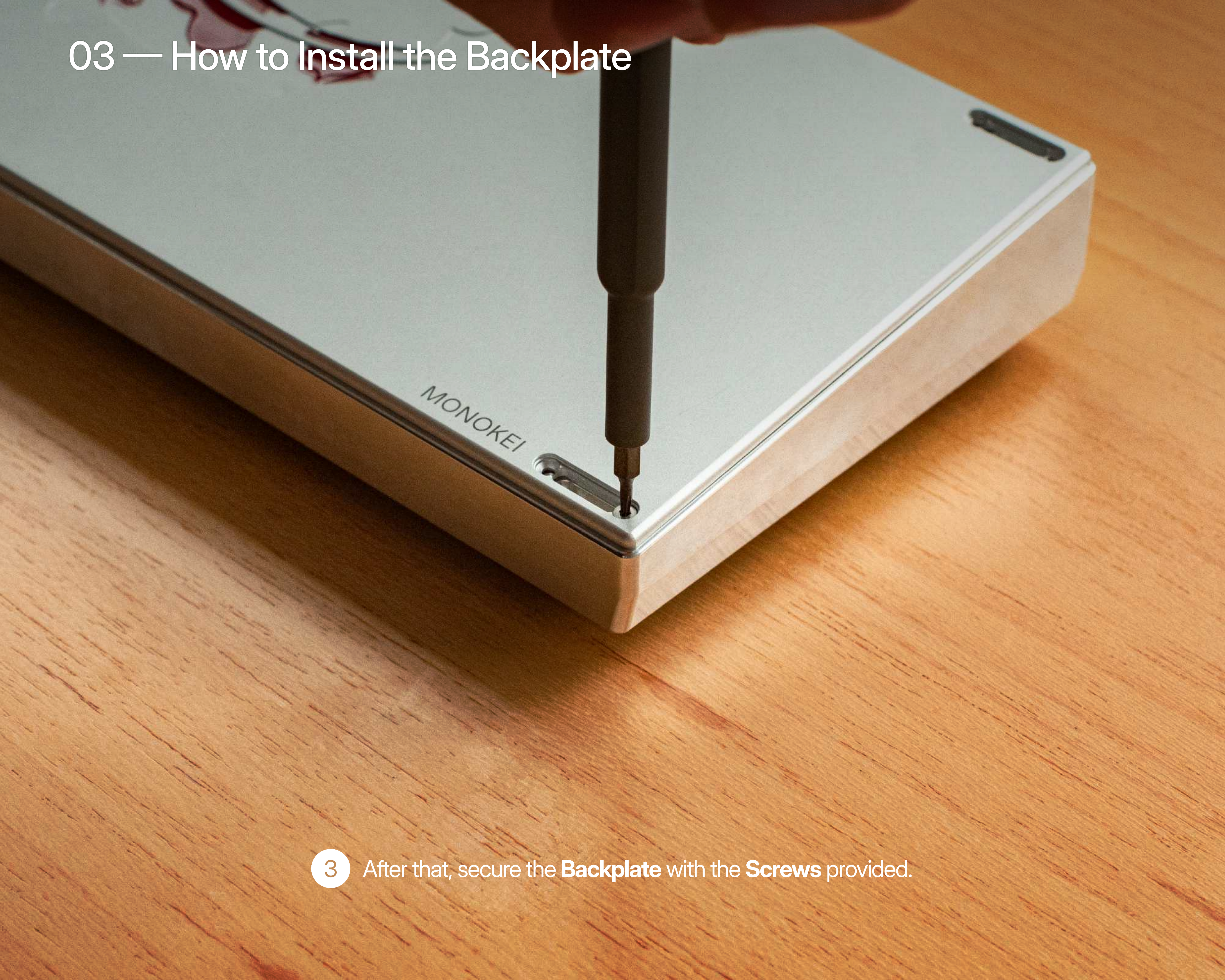
- 1 First, remove the **Rubber Feet** from the **Top Case**.

03 — How to Install the Backplate



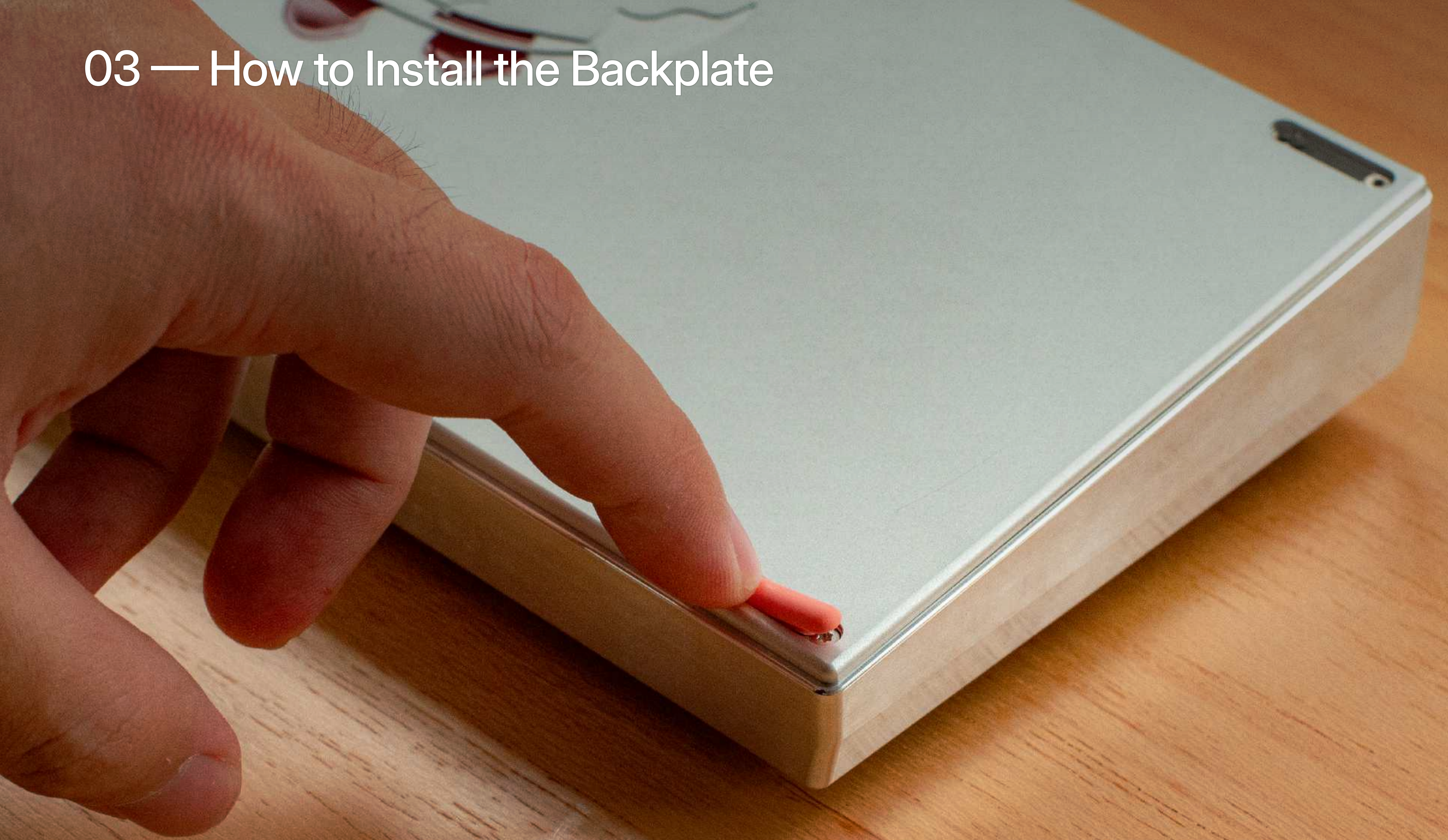
2 Align the **Backplate** with the **Bottom Case**.

03 — How to Install the Backplate



- 3 After that, secure the **Backplate** with the **Screws** provided.

03 — How to Install the Backplate



- 4 Lastly, re-install the **Rubber Feet** onto the **Backplate**.

03 — How to Install the Backplate



5 Enjoy your Kei v2 with Kohaku Backplate.

04 — Establishing a BT connection



1 Press and hold the **BT Button** for 2 seconds to initiate **Pairing mode** (white blinking LED).

2 Select "MONOKEI BLE KB" from your device's Bluetooth menu to pair.

04 — Establishing a BT connection



- 3 After pairing, the LED will blink blue twice, indicating a successful connection.

04 — Establishing a wired connection



1 Make sure that the **USB-C Cable** is plugged in.

2 Press the **BT Button** once.

3 After switching to **Wired mode**, the LED will blink green twice.

04 — Turning the keyboard OFF/ON



- 1 To turn the **Kei v2** OFF, hold the **Power Button** for 2 seconds until LED turns Red. To turn it back ON, press and hold the **Power Button** again for 2 seconds.

Please note that you can't turn the keyboard OFF when a USB-C cable is connected to the keyboard.

Troubleshooting

LED does not reach maximum brightness / VIA crash

- 1 Some custom PCs may not provide consistent USB power regulation. This limits the backlight brightness to 70% when using a wired connection.

Keeping the **Battery** connected at all times ensures that the backlight can reach 100% brightness. Rest assured, our batteries undergo thorough testing and certification for reliable performance.