Yunity

Installation Manual

V2024
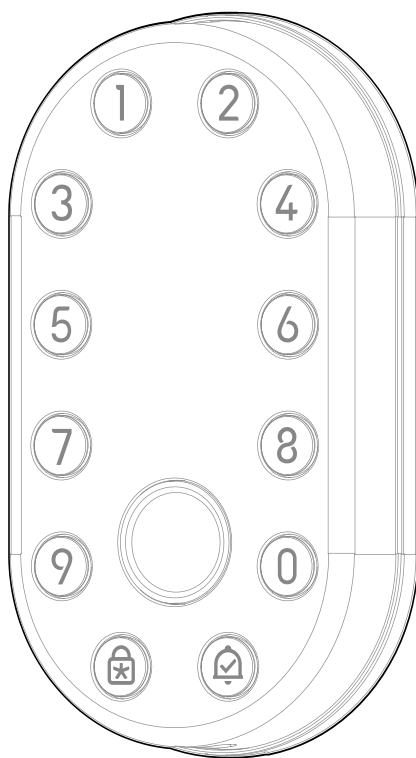
Blusafe

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External Panel

Adapter

Mounting Plate

Internal Panel

⊕ A × 3

⊕ B × 9

◎ C × 3

⊖ D × 3

⊕ E × 4

⊕ F × 1
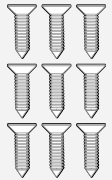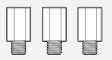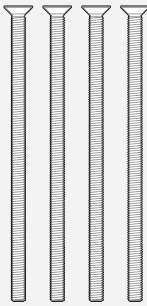
⊕ G × 1
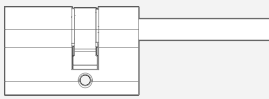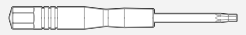
Cylinder

Cylinder Sleeve

Battery Cover

Thumb Turn

Keypad

Fingerprint Sensor

Type-C Backup Power Portal

Lock/Unlock Switch
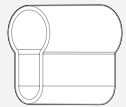
Blusafe
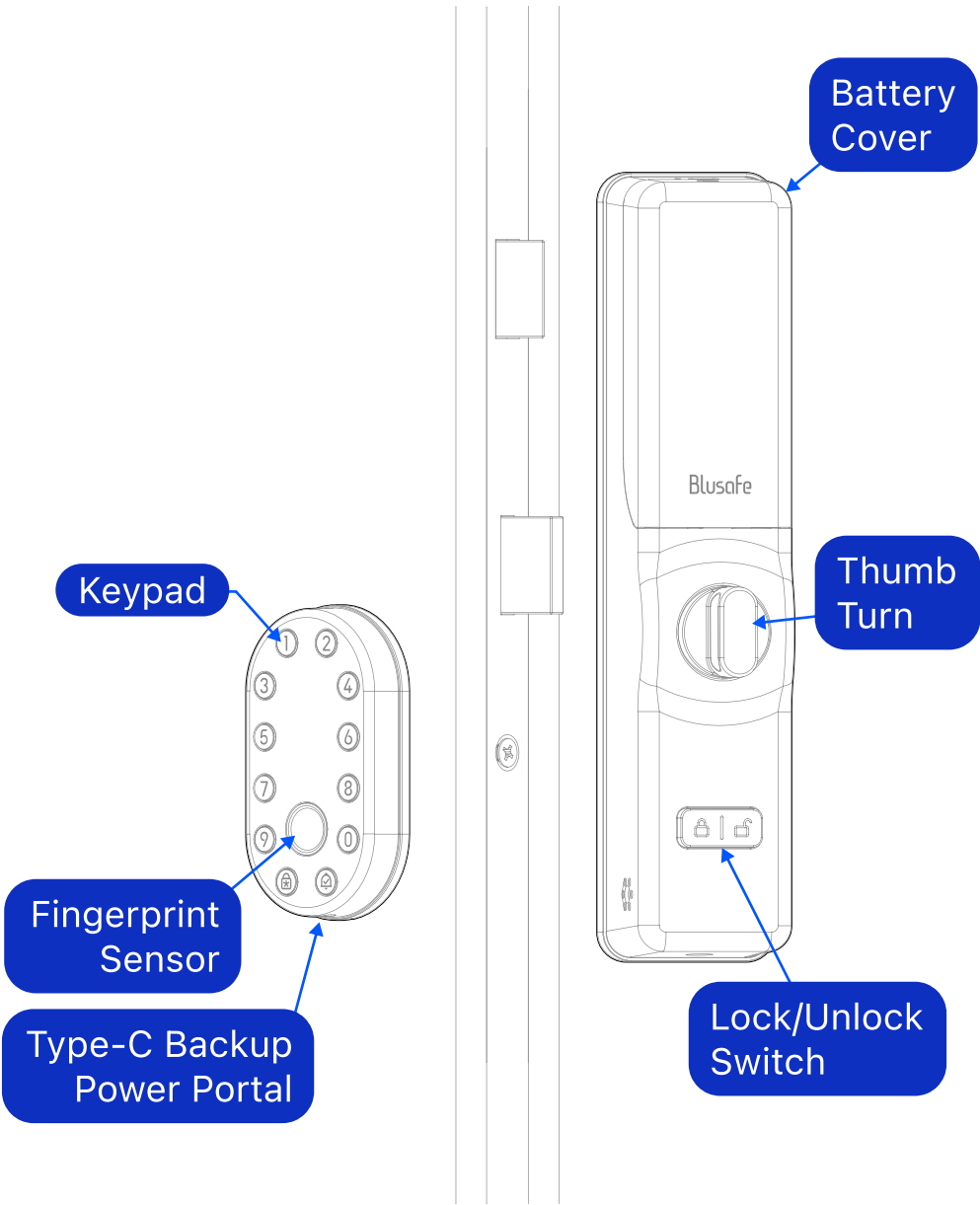
Drill Connecting Cable Hole   3.1

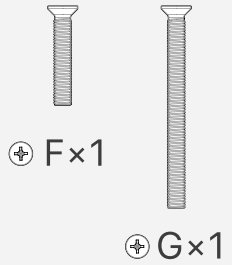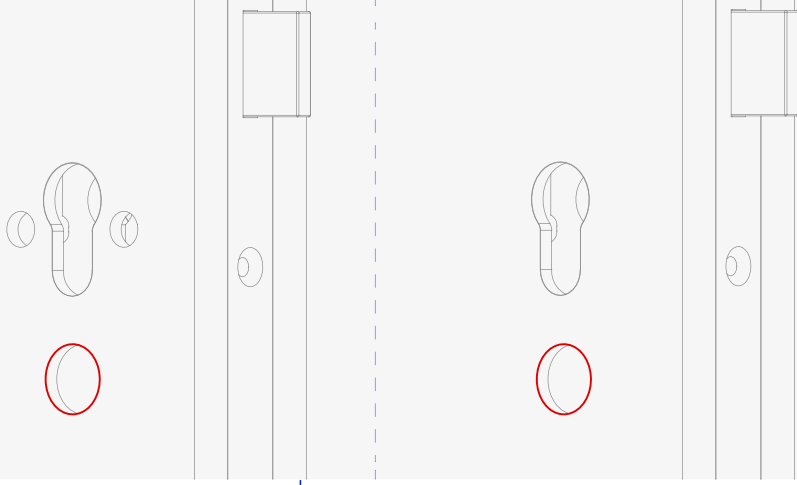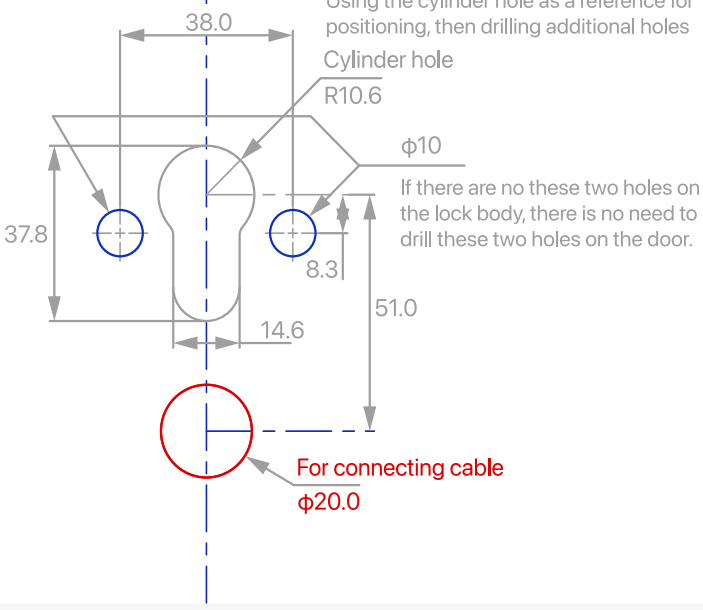Use the template provided to drill a hole with a diameter of φ20 on the door.

Yunity Installation Template Guide
Proportion 1:1 Unit:mm

38.0

Using the cylinder hole as a reference for positioning, then drilling additional holes
Cylinder hole
R10.6
φ10
If there are no these two holes on the lock body, there is no need to drill these two holes on the door.

37.8

8.3

14.6

51.0

For connecting cable
φ20.0

Install the Cylinder   3.2

1. Install the cylinder and secure it with screw G.
2. Mark on the tail bar 16mm protruding from the door. Remove the cylinder, and cut the cylinder tail bar accordingly.

16mm
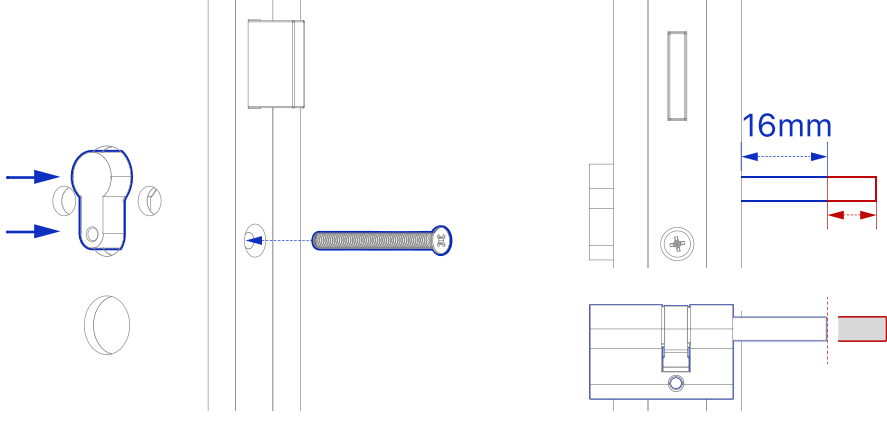
Warning!
Do NOT cut the tail bar shorter than 14mm!

Prepare the Internal Panel   3.3

1. Remove the battery cover.

2. Remove the mounting plate.

Check Existing Screw Holes   3.4

Are there two screw holes with centre distance 38mm on the door as illustrated?

38mm

YES
Please proceed to next step.

NO
Please proceed to step 4b.

Install Screw Stub C
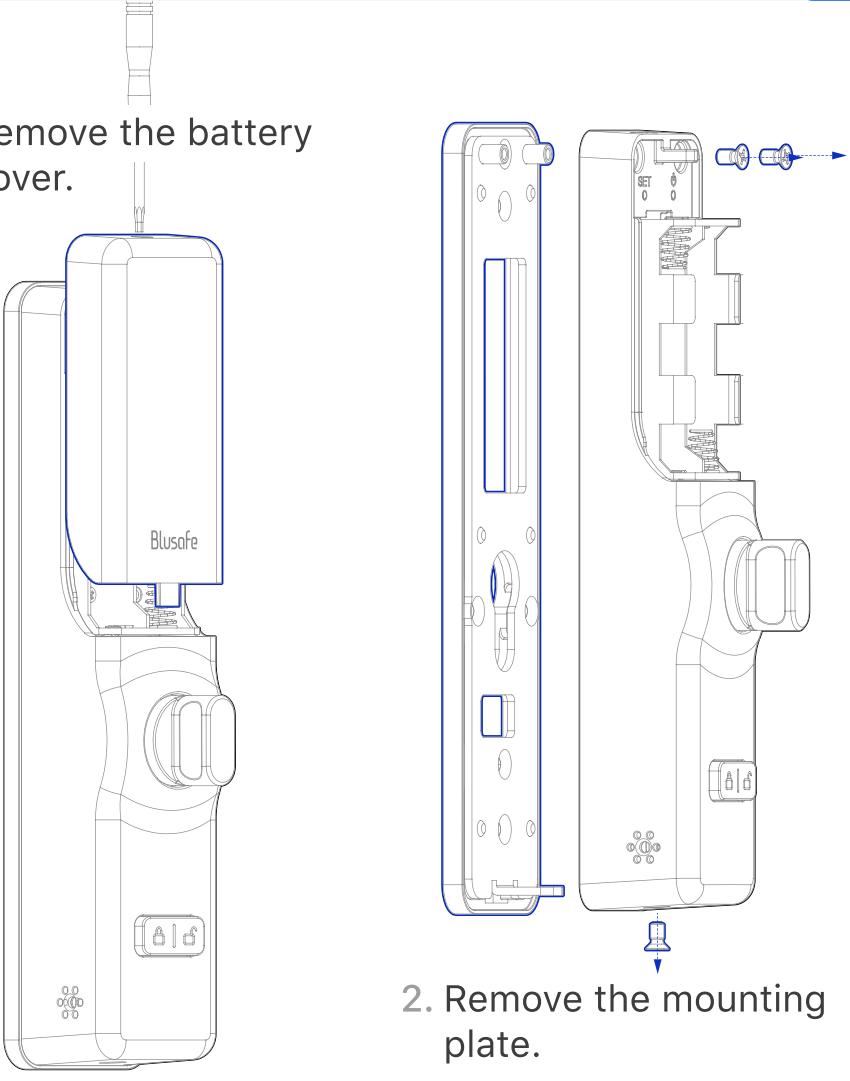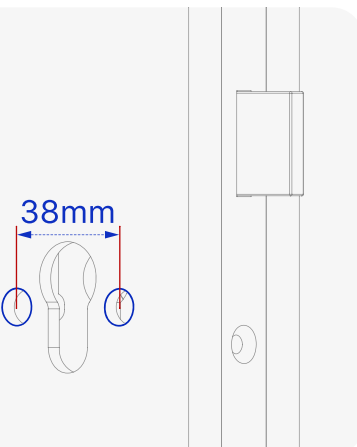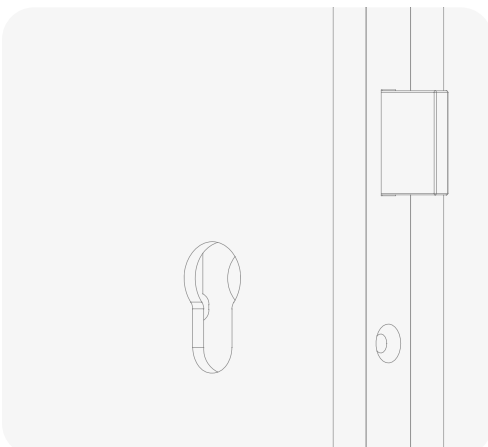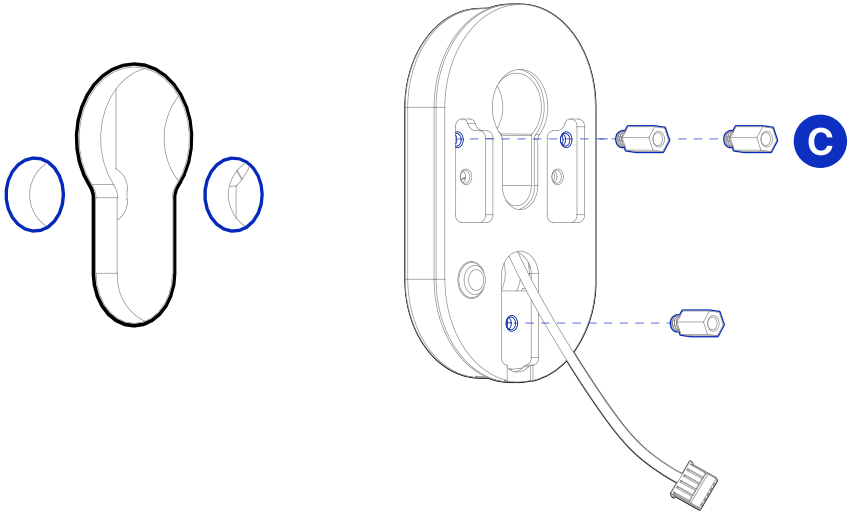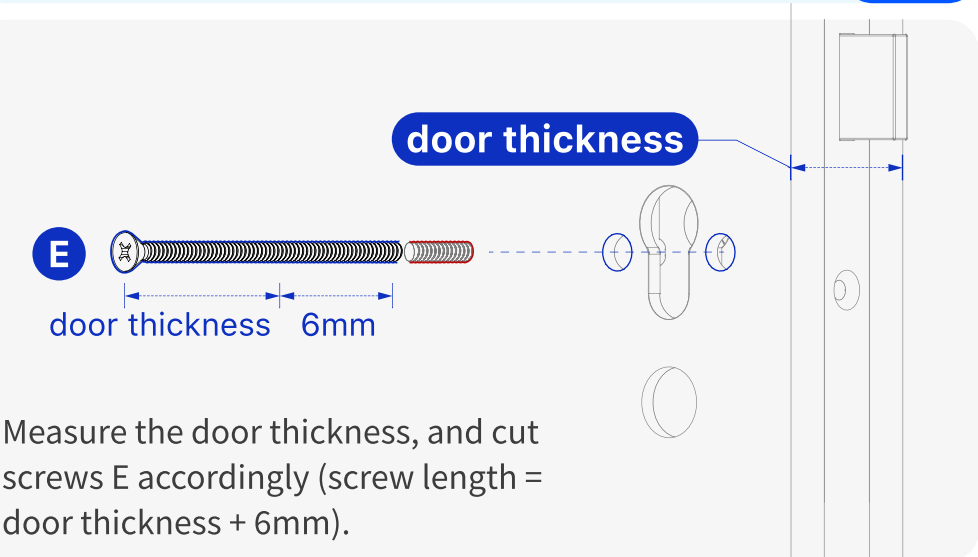
Install 3 screw stub C onto the back of external panel.

Prepare the Fixing Screws

door thickness

E

door thickness   6mm

Measure the door thickness, and cut screws E accordingly (screw length = door thickness + 6mm).
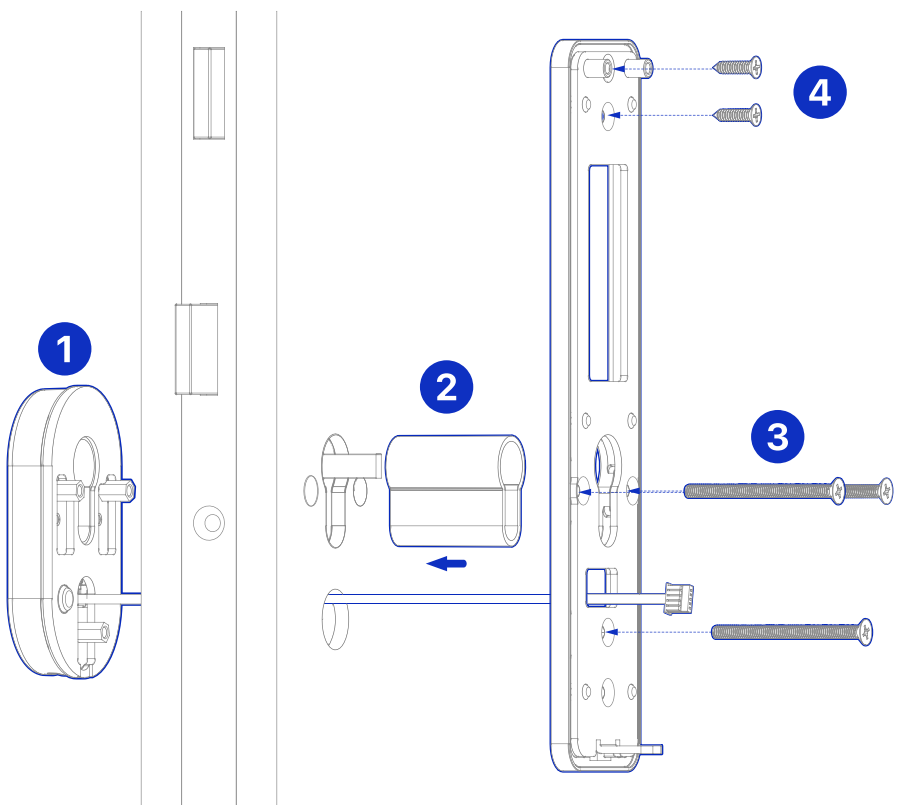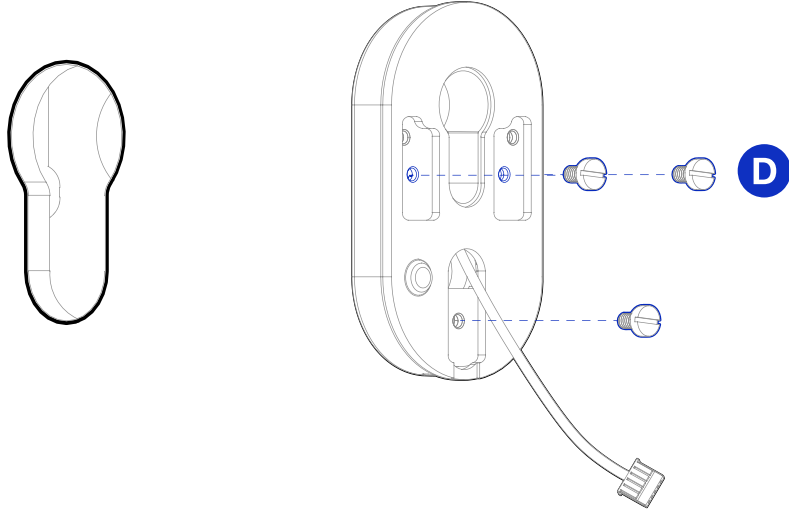
Install the External Panel and Mounting Plate

1. Place the external panel onto the door.
2. Slide the cylinder sleeve onto the cylinder, ensuring it's fully inserted.
3. Use the 3 prepared screws E to attach the mounting plate to the external panel.
4. Secure the mounting plate to the door using 2 screws B.

Proceed to Step 5.

Install Screw D

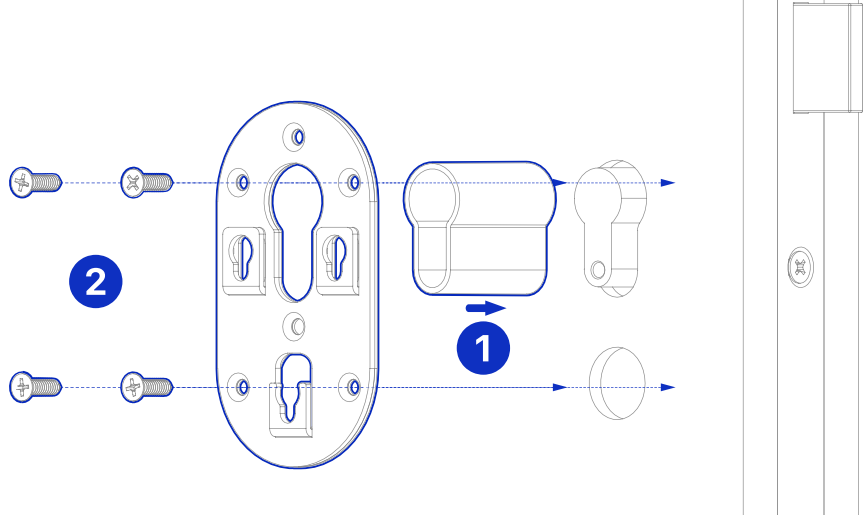Install 3 screw D onto the back of external panel.
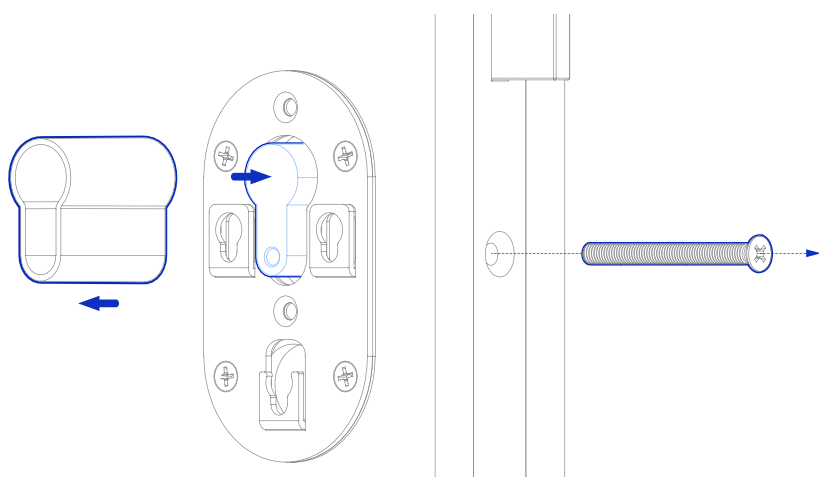

D

Install the Adaptor and Cylinder Sleeve

1. Slide the cylinder sleeve onto the cylinder, ensuring it's fully inserted.
2. Secure the adaptor to the door using 4 screws B.

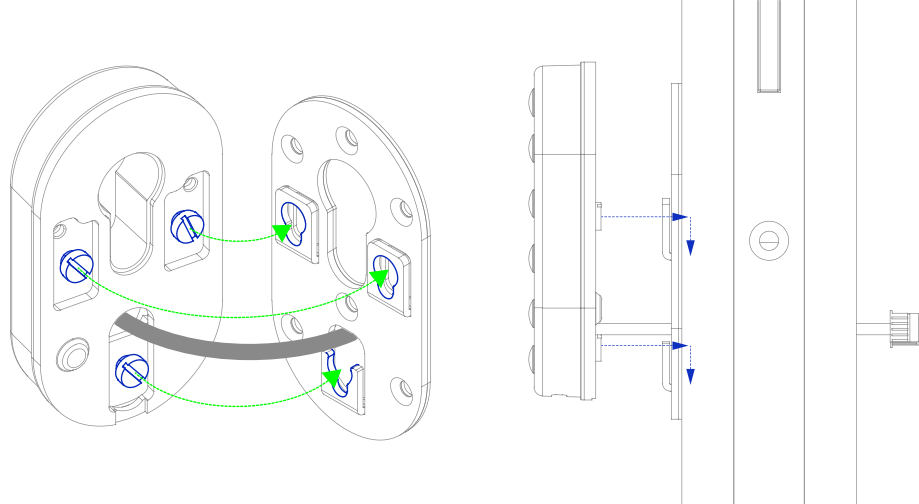## Remove the Sleeve and Cylinder
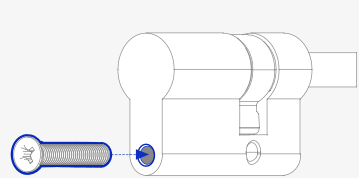

1. Remove the cylinder sleeve.
2. Remove the cylinder .

Install the External Panel

1. Attach the external panel to the adaptor.
2. Adjust screw F based on door thickness.
   - 40-55mm: No screw F required;
   - 55-70mm: Cut off 10mm from screw F;
   - 70-80mm: Use screw F without cutting;
   - Off-centre lock body: Cut and use screw F accordingly.
3. Thread screw F into the cylinder's bottom hole, then secure the cylinder back into the door with screw G.
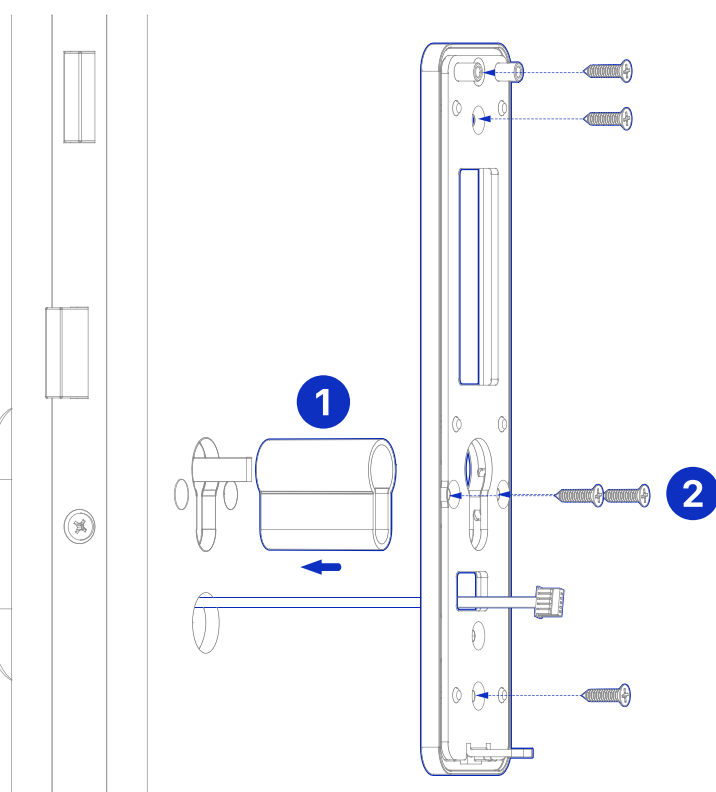

10mm
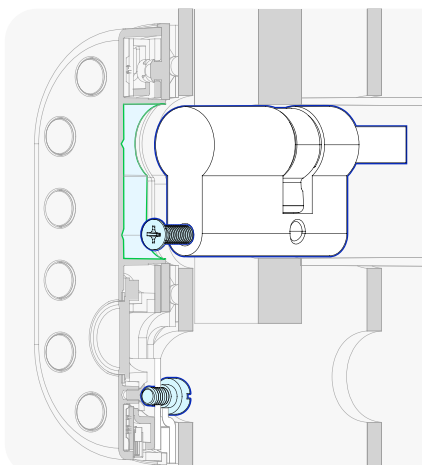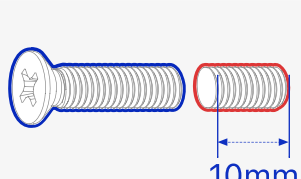
> **Important!** ⭐
>
> When installing the cylinder, make sure that portion of screw F protrudes into the external panel's cylinder hole, preventing panel removal.
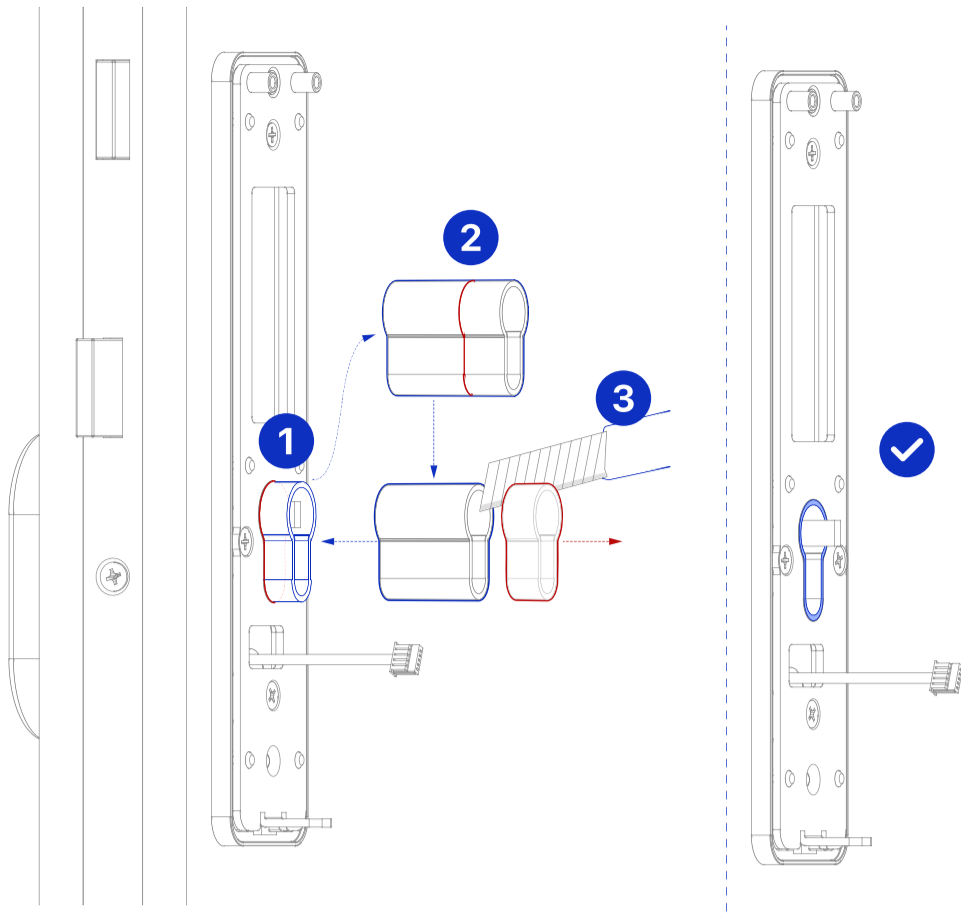
Install the Mounting Plate

1. Slide the cylinder sleeve onto the cylinder, ensuring it's fully inserted.
2. Secure the mounting plate to the door using 5 screws B.
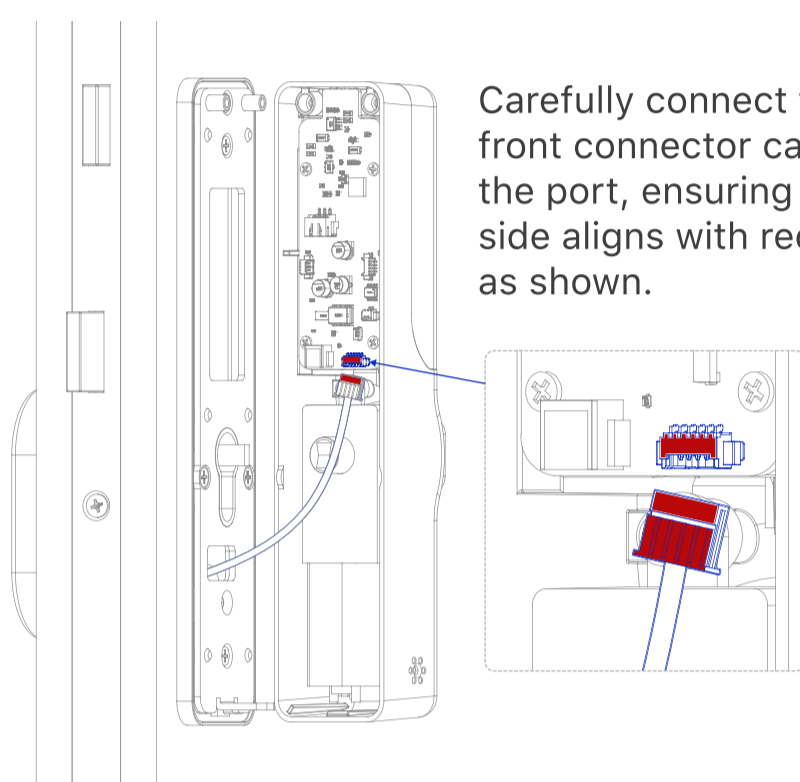
Cut the Cylinder Sleeve

1. Mark and cut at the same level as the mounting plate for the cylinder sleeve.
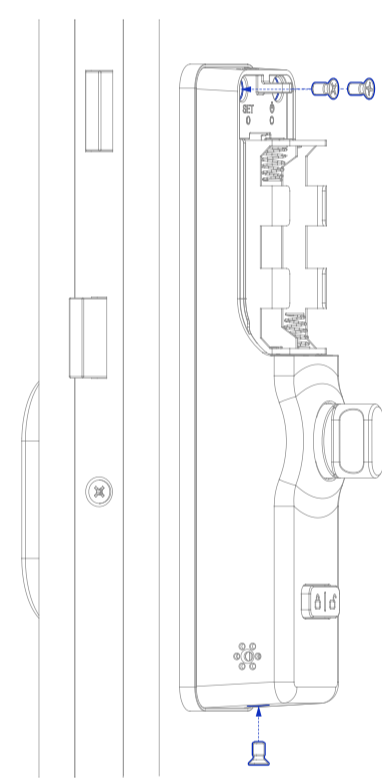2. Install the cut cylinder sleeve.

Connect the Cable

Carefully connect the front connector cable to the port, ensuring the red side aligns with red side as shown.
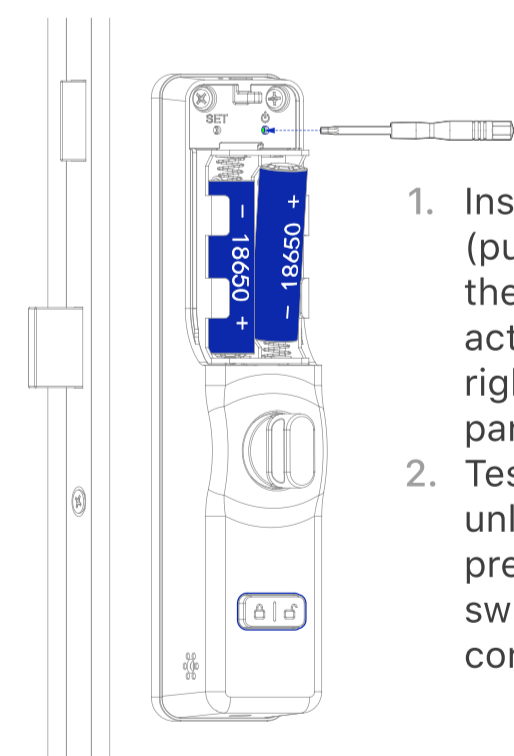

Install the Internal Panel

Secure the Internal Panel using 3 screws A.
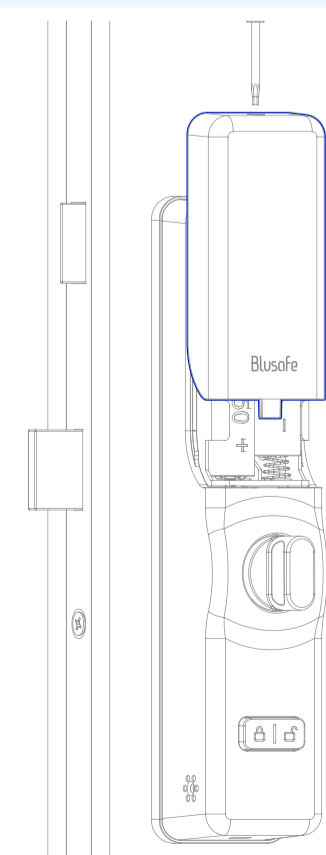

Install the Batteries

1. Install two 18650 batteries (purchased separately), then press the battery activation button on the right side of the external panel once.
2. Test the locking and unlocking function by pressing the lock/unlock switch to ensure it operates correctly.
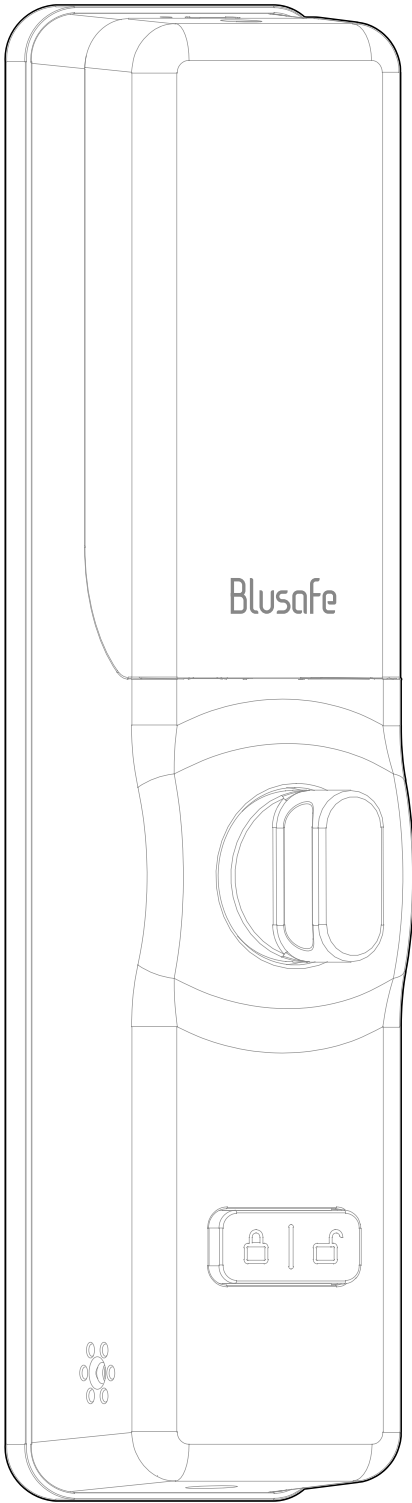

Install the Battery Cover

Install the battery cover.

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Find out more about Blusafe vulnerability discovery & disclosure procedures

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