

## 1 Download the app



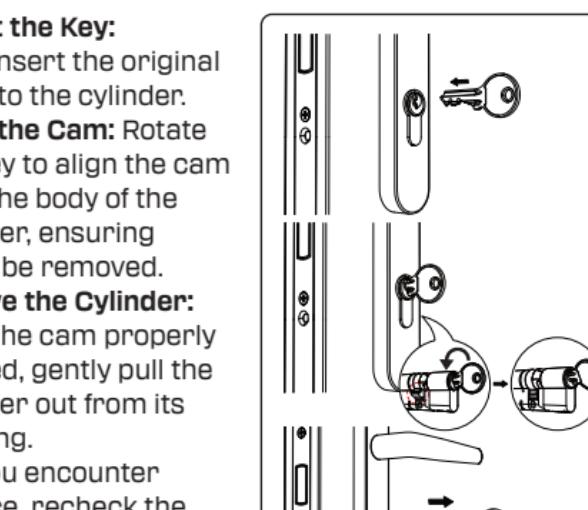
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## 2 Removing the Old Cylinder

1. **Locate the Mortise Plate:** Identify this plate on the door's edge where the door meets the frame.
2. **Unscrew the Cylinder:** Locate the screw on the mortise plate that secures the cylinder. Use a suitable screwdriver to carefully unscrew it and keep the screw safely for later use.



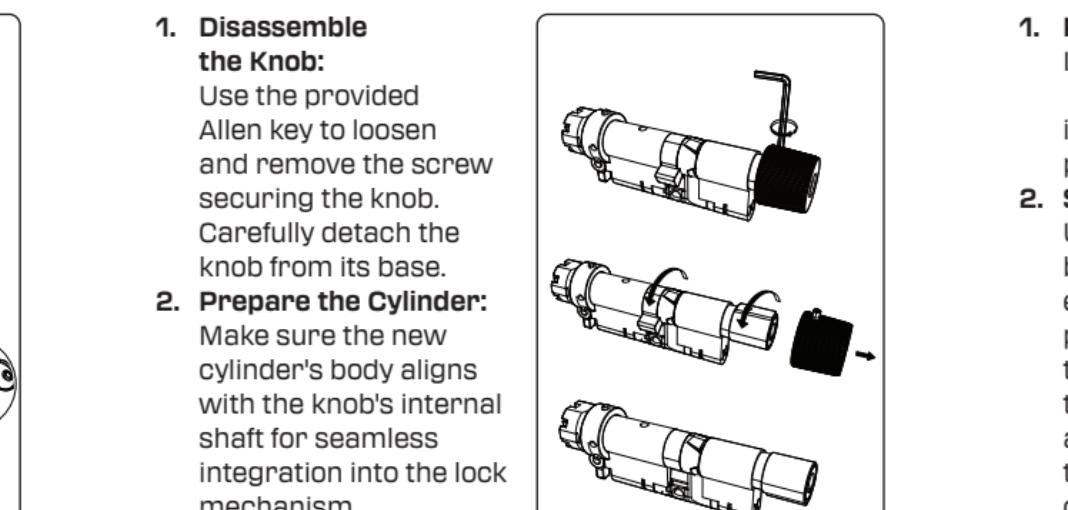
## 3 Extracting the Cylinder

1. **Insert the Key:** Fully insert the original key into the cylinder.
2. **Align the Cam:** Rotate the key to align the cam with the body of the cylinder, ensuring it can be removed.
3. **Remove the Cylinder:** With the cam properly aligned, gently pull the cylinder out from its housing.

**Tips:** If you encounter resistance, recheck the cam alignment.

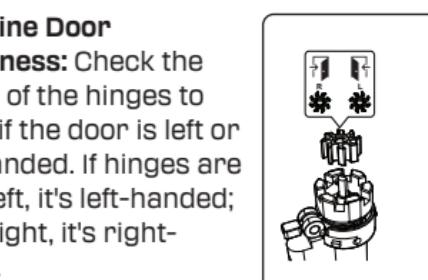
**Tips:**

- No tools are needed for this step. Ensure your hands are clean and dry for a secure grip.
- Confirm the door's orientation before proceeding to avoid installation errors.

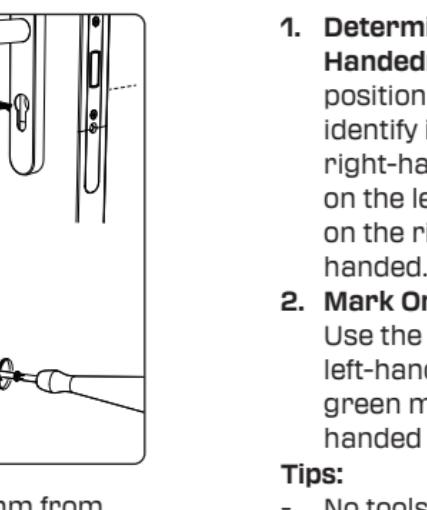


## 4 Preparing for New Cylinder Installation

1. **Disassemble the Knob:** Insert the new cylinder into its designated position in the door, ensuring proper alignment.

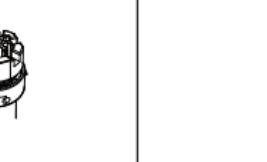


2. **Secure the Cylinder:** Using the provided M5 steel bolt, with a length at least equal to the lockback set plus 10mm. Hand-tighten the lock screw to secure the cylinder before using a screwdriver for final tightening. Ensure the cylinder does not protrude more than 3 mm from the door surface and install safety furniture on the door in front of the cylinder to prevent tampering.



## 5 Installing the New Cylinder

1. **Determine Door Handedness:** Check the position of the hinges to identify if the door is left or right-handed. If hinges are on the left, it's left-handed; on the right, it's right-handed.

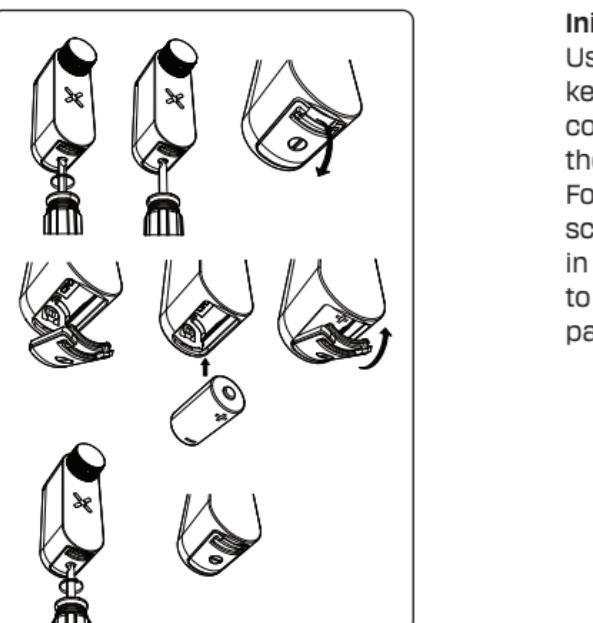


**Tips:**

- No tools are needed for this step. Ensure your hands are clean and dry for a secure grip.
- Confirm the door's orientation before proceeding to avoid installation errors.

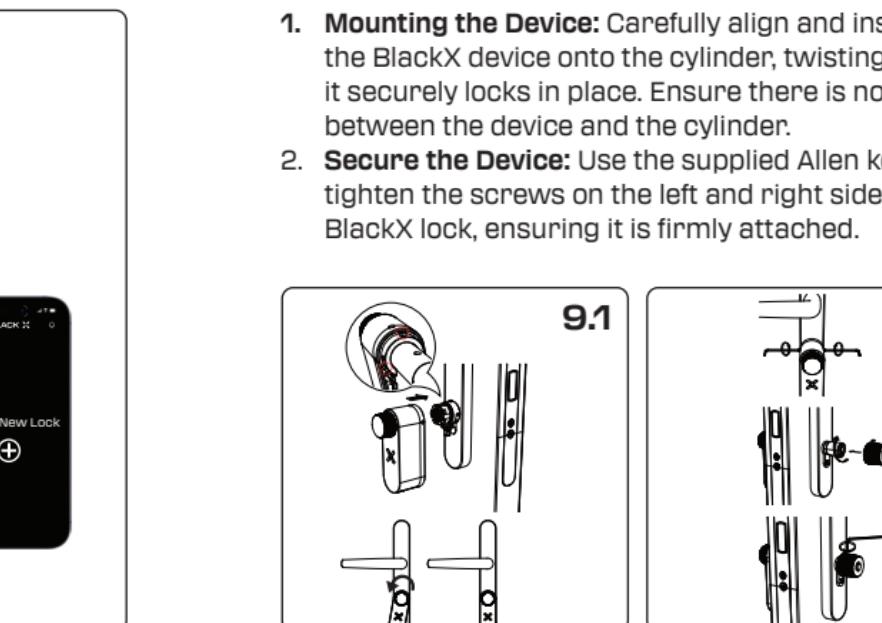
## 7 Installing the CR2 Battery

**Battery Placement:** Insert the CR2 battery into the BlackX device, ensuring the positive (+) and negative (-) ends match the symbols indicated. A beep sound will confirm that the device is operational.



## 8 Pairing with the Black App

**Initiate Connection:** Use the Allen key to press the connect button on the BlackX device. Follow the on-screen instructions in the Black App to complete the pairing process.



## 9 Attaching the BlackX Device

- Mounting the Device:** Carefully align and insert the BlackX device onto the cylinder, twisting it until it securely locks in place. Ensure there is no play between the device and the cylinder.
- Secure the Device:** Use the supplied Allen key to tighten the screws on the left and right sides of the BlackX lock, ensuring it is firmly attached.



9.1

9.2

10.1

10.2

By following these steps carefully, you will ensure a secure and functional installation of your new cylinder and accompanying hardware.

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