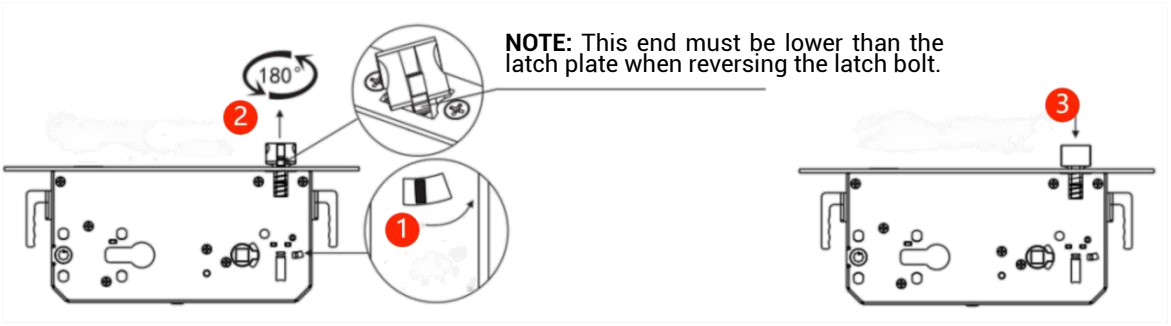
Smart Lock SL50 Installation Guide

Before installation, be sure to read and fully understand all instructions.

Step 1 Reverse the latch bolt

If the latch bolt needs adjustment for the door's opening direction:

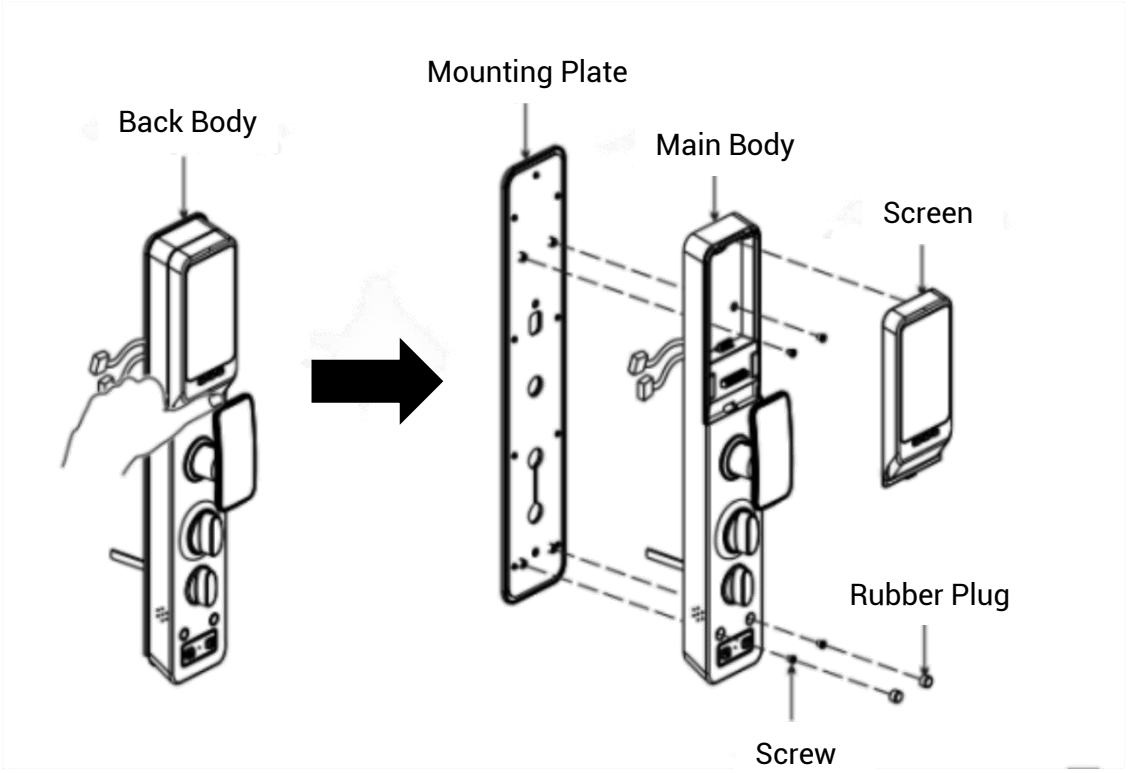
1. Position the mortise lock upright with the latch facing upward.
2. Follow these instructions shown in the figure:
   ① Push the stopper to the right.
   ② Allow the latch bolt pop out, and rotate it 180° to reverse.
   ③ Press the latch bolt back into place.



Step 2 Disassemble back body

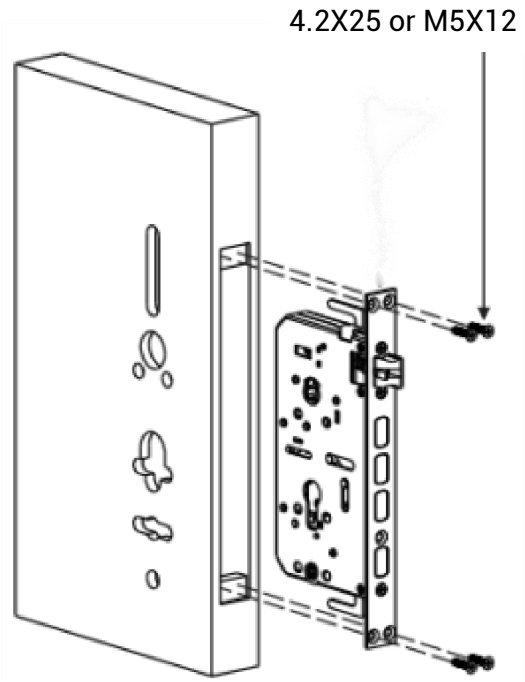
Disassemble the back body of the lock into the following components:

- Rubber plugs
- Screen (Press the center bottom and push upward to remove)
- Screws
- Main body
- Rear mounting plate

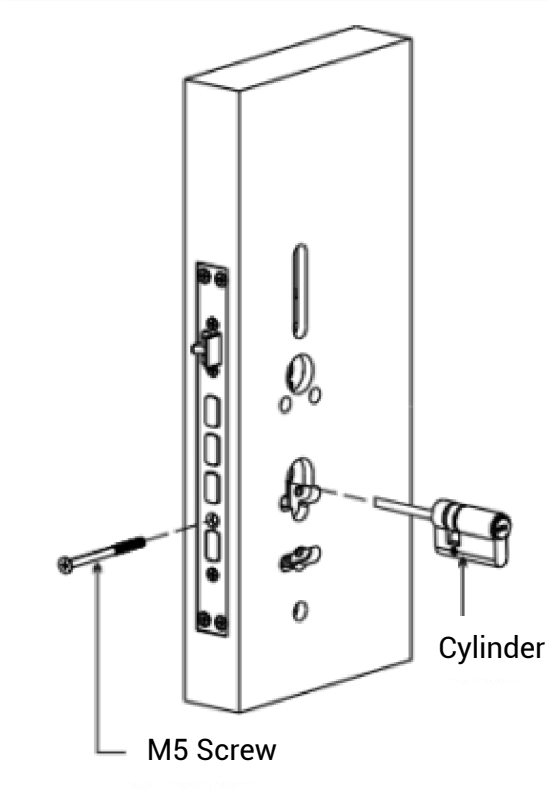


Step 3 Install mortise lock

1. Mount the mortise lock and fix it with four screws.

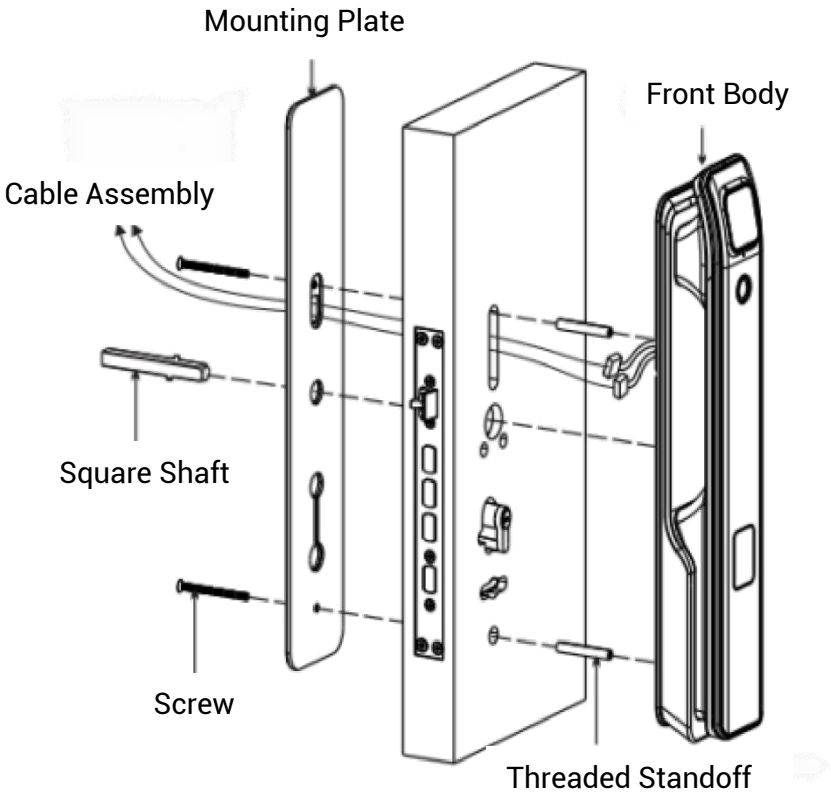


2. Put the cylinder into the mortise, and then tighten the screw.



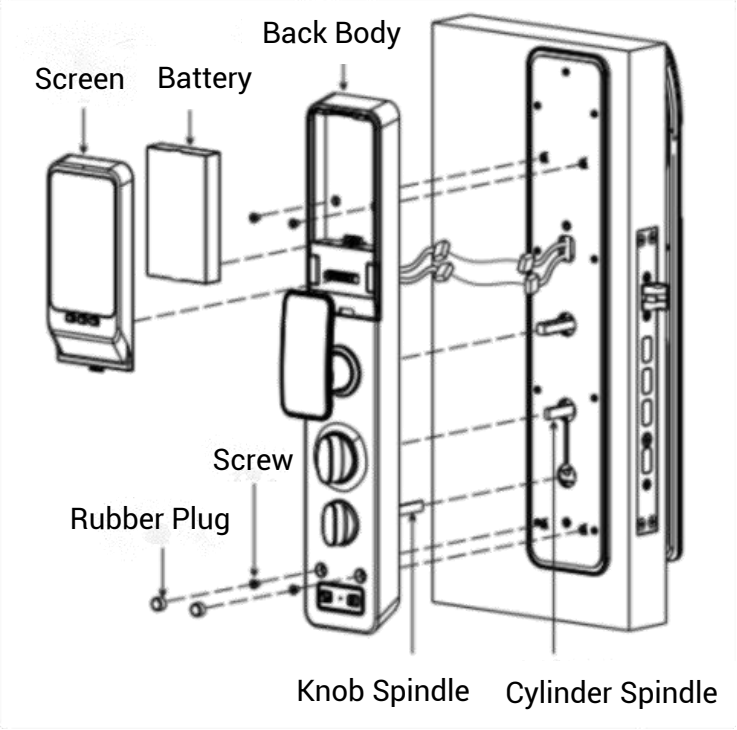
Step 4 Install front body

1. Install the threaded standoff on the front body.
2. Guide the cable assembly through the cable hole in the door and rear mounting plate.
3. Secure the mounting plate with two screws (cut to fit the door thickness).
4. Insert the square shaft (with the protruding end facing inward) into the rotary hole on the mortise lock.



Step 5 Install back body

1. Connect the front body's cable assembly to the back body, and tuck the extra cables into the door hole.
2. Verify if the square shaft, cylinder spindle, and knob spindle match the door thickness. If necessary, trim them and remove any burrs after cutting.
3. Attach the back body to the mounting plate using four screws, then insert the rubber plugs.
4. Install the battery and screen.



Step 6 Install strike plate

1. Attach the dust box and strike plate to the door frame using four screws.
2. Verify the following:
   - Ensure the latch moves smoothly.
   - Test locking and unlocking with the card, mechanical key, and other methods to ensure all functions work properly.

