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### Installation Instructions

**SMARTLOCK ISM7000 with SFK Keypad Plate**

This product is intended to be installed in accordance with the installation wiring diagram, mechanical assembly drawings provided with each product, the local authority having jurisdiction (AHJ) and the National Electric Code, NFPA 70. When installed in fail secure mode, the local authority shall be consulted with regard to the use of possible panic hardware to allow emergency exit from the secure area.

PM-HSISM7000-SFK  
V20240809

### Components List

- Inside Trim
- Inside Cover Plate
- Installation Plate
- Outside Trim Plate
- MC7000 Lockcase
- Strike
- Thumbturn
- Alignment Tool
- Inside Weather Gasket
- Outside Weather Gasket
- x1 Allen Key
- x2 Position
- x2 M6x35mm Machine
- x4 M4x20mm Machine
- Wood Door Edge DPS (optional)
- Wood Door Jamb DPS (optional)
- Metal Door Edge DPS (optional)
- Metal Door Jamb DPS (optional)
- x1 Reset Key
- CMB Cylinder

### Step 1: Changing Latchbolt Handing

Set the latch bolt direction according to the door opening.

Remove the latch set screw with screwdriver.

Pull out the latch, turn it 180 degrees and insert it back into the lock body.

Reinstall latch set screw on the opposite side of the lock chassis and tighten with screwdriver.

### Step 2: Changing Door Handing

Set the lock handing according to the door opening.

Remove set screw beside spindle hub. The handing block will fall off from the opposite side.

Install handing block on the same side from which the screw was removed.

Reinstall the set screw on the opposite side of the lock chassis.

### Step 3: Installing Mortise Lockcase

Once door prep is complete, install the mortise lockcase. Do not tighten the faceplate screws on the lockcase until you have installed the mortise cylinder.

### Step 4: Installing DPS (optional)

**Wood Door** **Metal Door**

Install strike and secure with 2 screws.

**Wood Door** **Metal Door**

Press the sensor into the top hole on the edge of the door and pull the wires through the top hole of door face towards the door inside.

### Step 5: Installing Position Stop Posts

Install position stop posts to the inside installation plate.

**Left Lever** **Right Lever**

**NOTE:** Plates are marked with "L" for inside left handing and "R" for inside right handing.

### Step 6: Installing Weather Gasket

Ensure the tab on the upper weather gasket catches the subplate. (See A)

Ensure the round lever hole on the weather gasket fits inside the round lever hole on subplate. (See B)

Ensure the tiny round bump on the lower weather gasket fits inside the round hole on the subplate. (See C)

Ensure the 4 tabs on the weather gasket catch the edges of the subplate.

### Step 7: Mounting Outside Escutcheon

Align using the thru-bolts of the top and bottom prep holes and guide the wire through the opening above the cylinder hole.

Mount the cylinder into the mortise lock. Do not tighten cylinder yoke through faceplate until step 14.

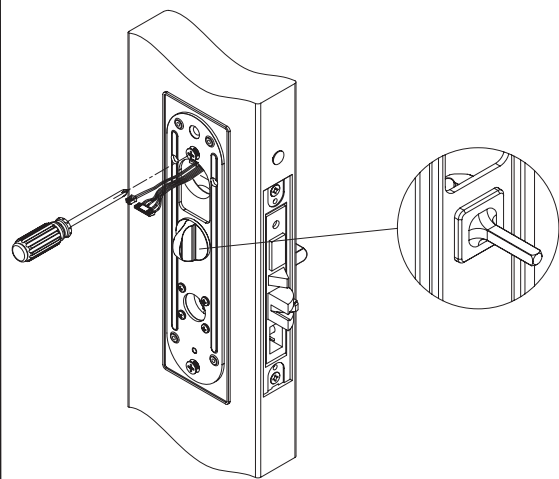
### Step 8: Interior Sub-Plate and the Deadbolt Hub Alignment

Allow the wire from the outside escutcheon to go through the interior sub-plate. Make sure the position stop posts from the subplate go through the mortise lock. (See A)

Lightly screw in the top and bottom thru-bolt to the outside escutcheon plate but do not tighten yet. (See B)

Firmly insert the alignment tool into the square hole of the sub-plate and into the spindle hub of the mortise lock. (See C)

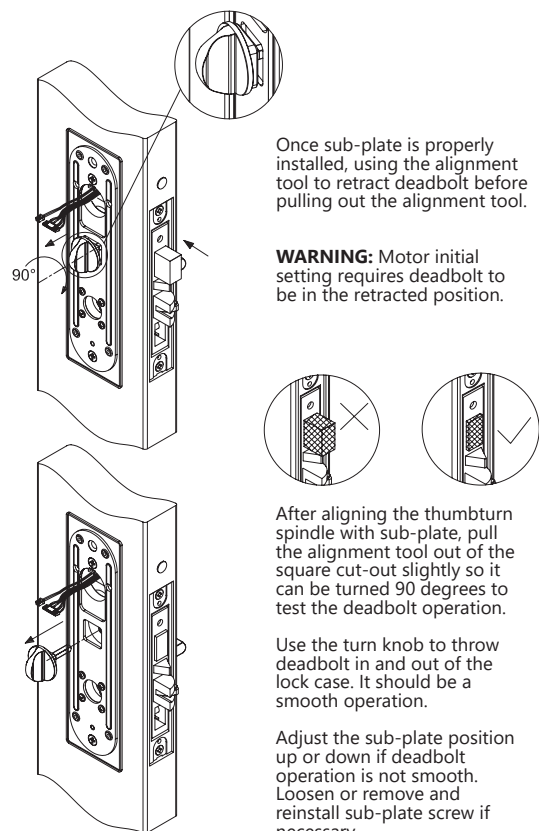
**Step 9: Mounting Interior Sub-Plate**



Once the alignment tool is properly inserted, fully tighten the top and bottom thru-bolt to fix the sub-plate.

**WARNING:** If sub-plate is NOT aligned properly with the mortise lock deadbolt hub, motor will be stressed while engaging or retracting deadbolt, causing binding issues or fast draining of battery power.

**Step 10: Test Mortise Lockcase Deadbolt**



Once sub-plate is properly installed, using the alignment tool to retract deadbolt before pulling out the alignment tool.

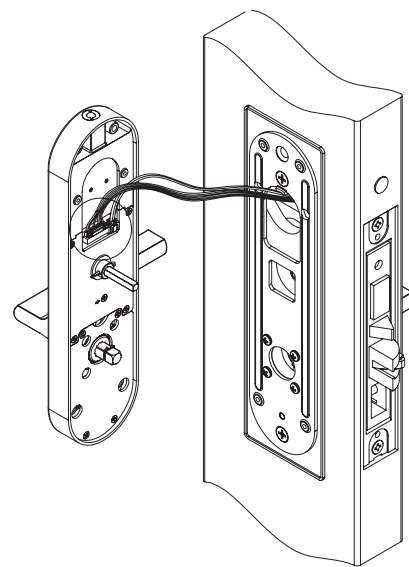
**WARNING:** Motor initial setting requires deadbolt to be in the retracted position.

After aligning the thumbturn spindle with sub-plate, pull the alignment tool out of the square cut-out slightly so it can be turned 90 degrees to test the deadbolt operation.

Use the turn knob to throw deadbolt in and out of the lock case. It should be a smooth operation.

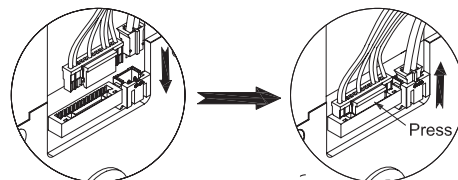
Adjust the sub-plate position up or down if deadbolt operation is not smooth. Loosen or remove and reinstall sub-plate screw if necessary.

**Step 11: Connecting wire to the Interior Trim**

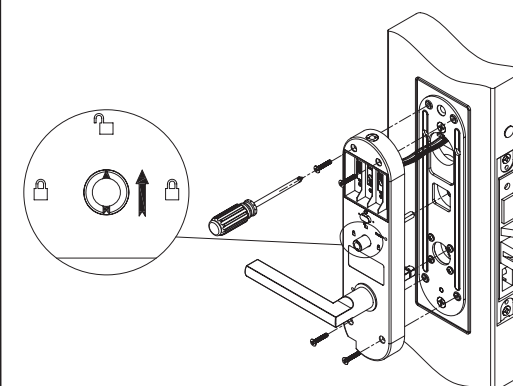


Connect the outside Escutcheon wire to the inside trim wire by aligning and joining the wire plugs.

To separate the wires, press the clip of the plug.



**Step 12: Mounting Interior Trim**



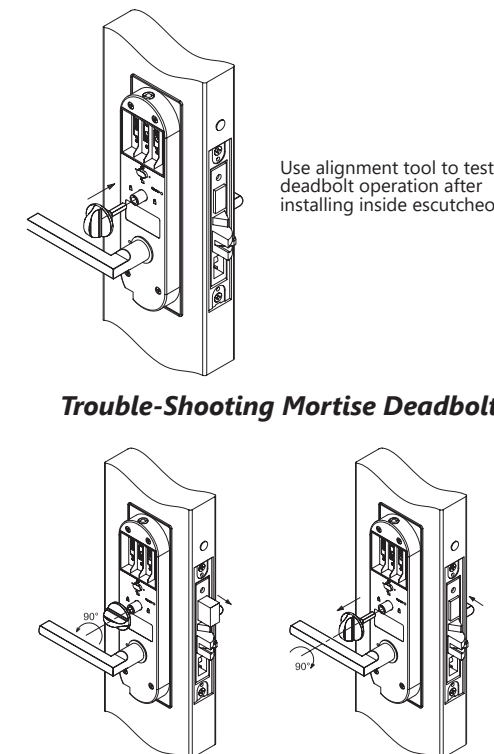
Turn the arrow of the inside plate spindle to the unlocked icon position as shown.

Tug the wire through the hole of the sub-plate into the door before mounting the inside plate.

Insert and tighten the four M4x20mm screws to the sub-plate.

**NOTE:** Make sure to put the wires into the hole, otherwise the wires will be cut if the plate presses the wire.

**Step 13: Repeat Test of the Mortise Deadbolt**



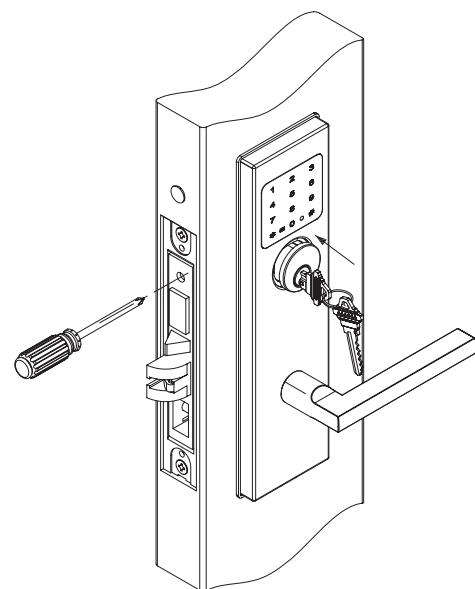
Use alignment tool to test deadbolt operation after installing inside escutcheon.

**Trouble-Shooting Mortise Deadbolt**

Ensure that the deadbolt can be smoothly thrown and retracted. If action is not smooth, repeat Step 8 to adjust the subplate.

**NOTE:** Retract the deadbolt before removing the alignment tool.

**Step 14: Install Cylinder**



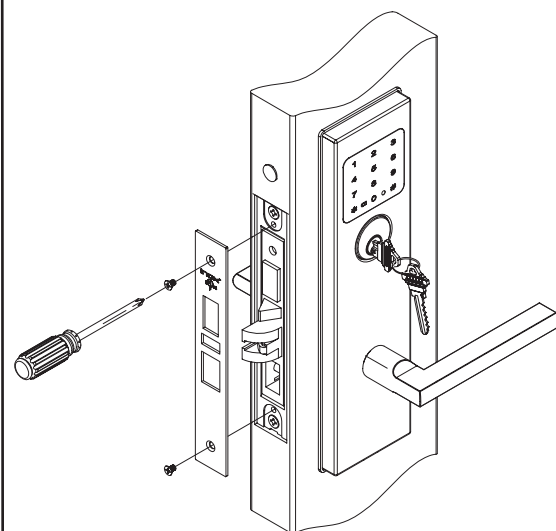
Screw the cylinder into the outside escutcheon, making sure the key hole is properly oriented and in the lower position.

Use a screw driver to tighten the yoke to secure the cylinder into position

Use the key to throw and retract the deadbolt.

**NOTE:** Do not overtighten the screw, as it can cause the cylinder to shift in position.

**Step 15: Install Faceplate**



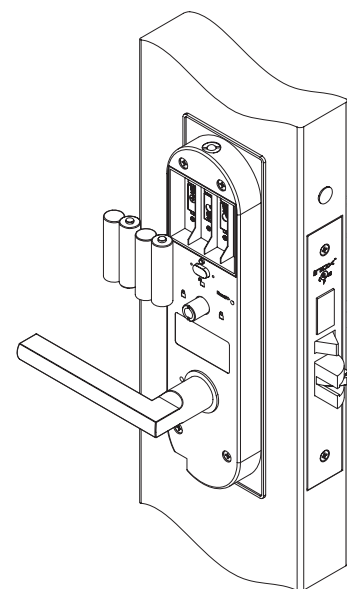
Install faceplate, then use key to verify the cylinder can open the deadbolt and the latch.

Check if inside lever can retract both latchbolt and deadbolt.

Check if outside lever can retract latchbolt when deadbolt is retracted. Outside lever is inoperable when the deadbolt is thrown.

**NOTE:** Make sure that the deadbolt is in the retracted position after testing.

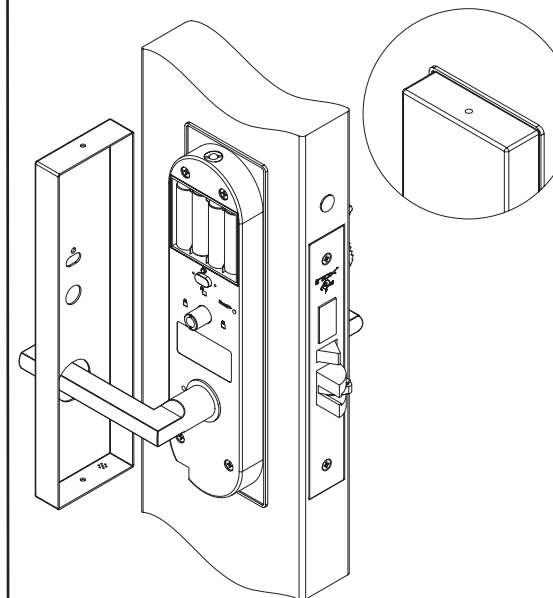
**Step 16: Installing Batteries**



Ensure that the deadbolt is in the retracted position before installing the four AA batteries. Align the batteries to the correct polarity in the compartment.

**NOTE:** There will be a short delay, but lock will be active when you hear the audio and see the light confirmation.

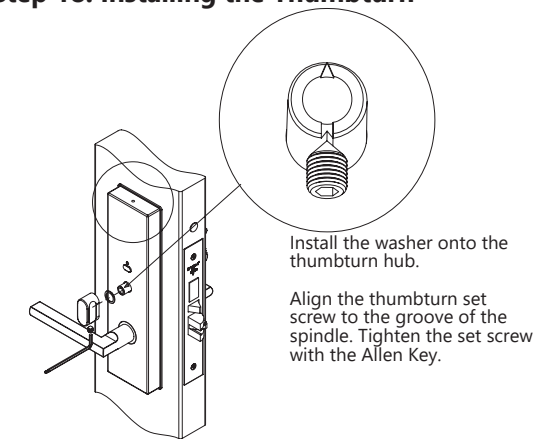
**Step 17: Mounting Interior Plate Cover**



Slide interior cover plate over the lever, push onto the inside escutcheon. Ensure the cover plate is securely attached by the ball bearing on top of the escutcheon.

**NOTE:** When battery power is low, remove interior plate cover. Slide interior cover over the lever in order to access the battery pack. All four AA batteries should be replaced.

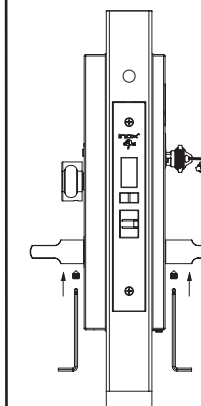
**Step 18: Installing the Thumbturn**



Install the washer onto the thumbturn hub.

Align the thumbturn set screw to the groove of the spindle. Tighten the set screw with the Allen Key.

**Step 19: Tightening the Levers**



Tighten the set screws of the levers with the Allen Key.