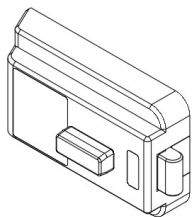




Installation Manual Hy® Lock

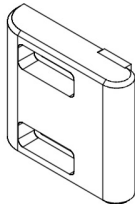
Included:



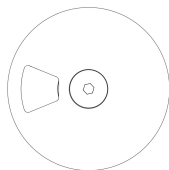
Latch



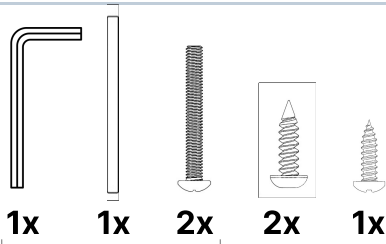
Or



In- or Out-Swing Keeper

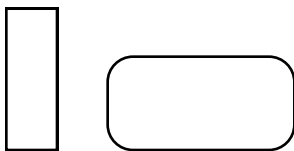


State Display

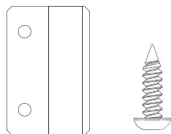


Packaged Separately

Fasteners



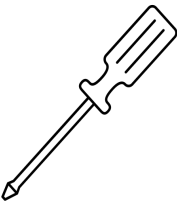
Template & Decal



1x 2x

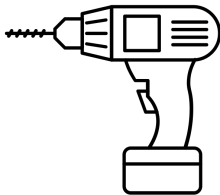
Door Stop (if specified)

Required:



Screwdriver

Phillips Head



Power Drill

Drill Bit Set

Recommended:



Level



Clamp



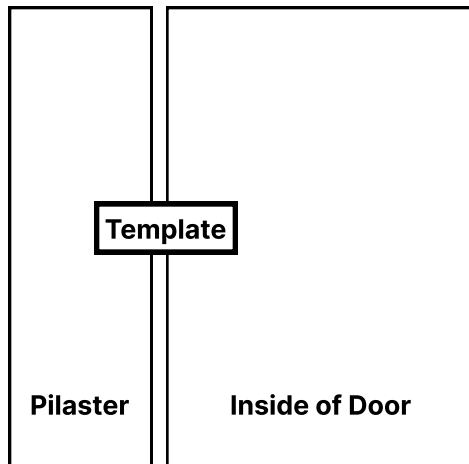
Drill Guide



Installation Manual Hy® Lock

Step 1: Template

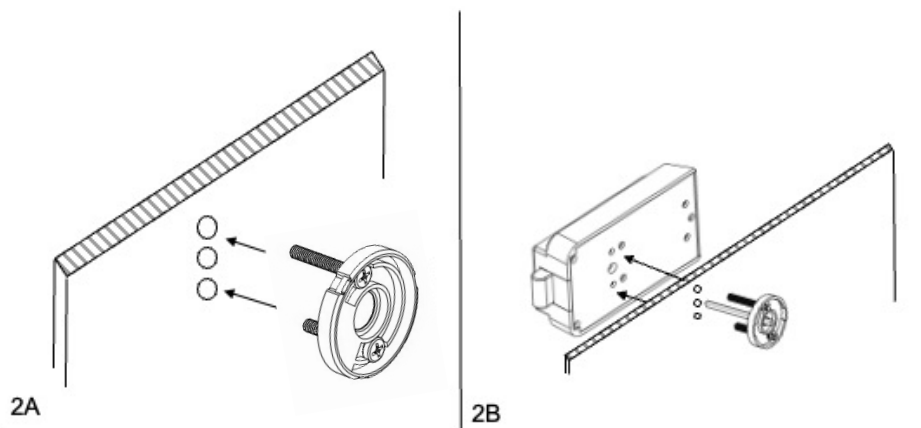
In the absence of pre-drilled holes



Ensure you have the **correct template labeled In-swing or Out-swing**. Align template with the **door's edge** as shown on the template. Use a level to ensure the template is level before marking holes. Drill holes where shown. **Some holes are through holes; some are blind holes**. It is recommended to clamp the door closed & use a drill guide.

Note: For lap joint doors, the "edge of door" refers to the edge of the door that is visible to you from inside the stall.

Step 2: Attach Latch



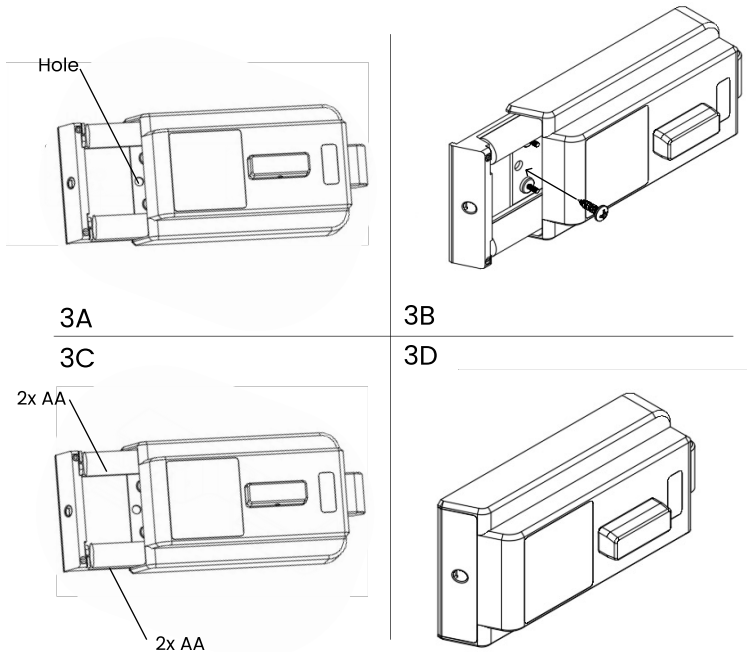
Choose the proper through-bolts for the door thickness.

Orient the state display body so that the white side faces the closest edge of the door. Insert through-bolts from the exterior of the stall through the state display body into the stall door (2A). Align the latch on the interior of the stall with the through bolts and tighten until secure (2B).

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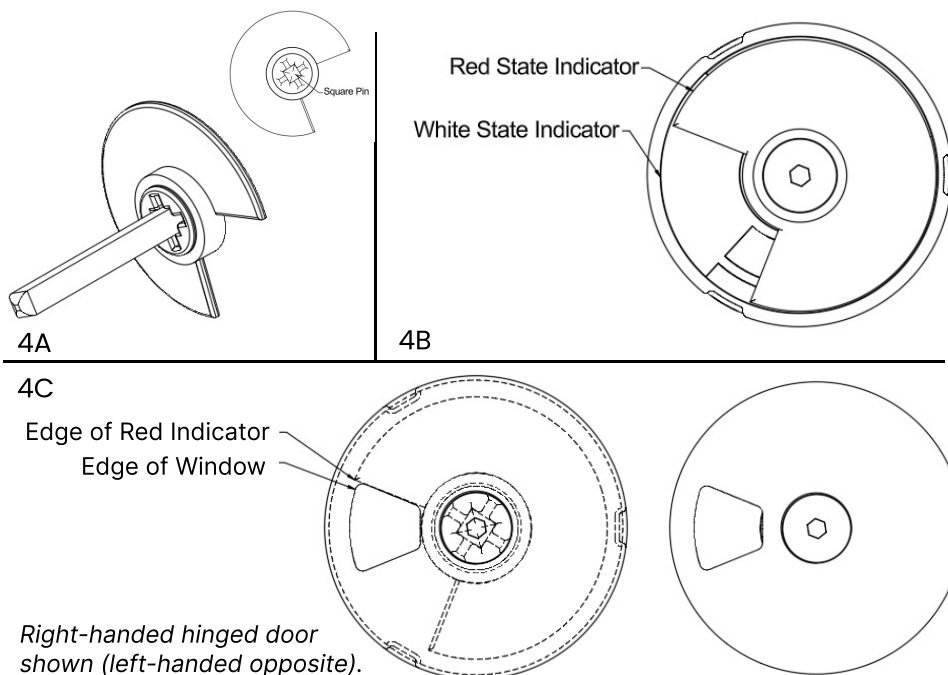
Step 3: Attach Latch + Batteries



Partially pull the battery slide out as seen in (3A). There is a hole found in the battery cavity for further security. Insert and tighten provided screw through this hole to secure the latch (3B).

Partially pull the battery slide out as seen in (3C). Insert batteries individually. Push battery slide back into lock & tighten fastener (3D).

Step 4: Attach State Display

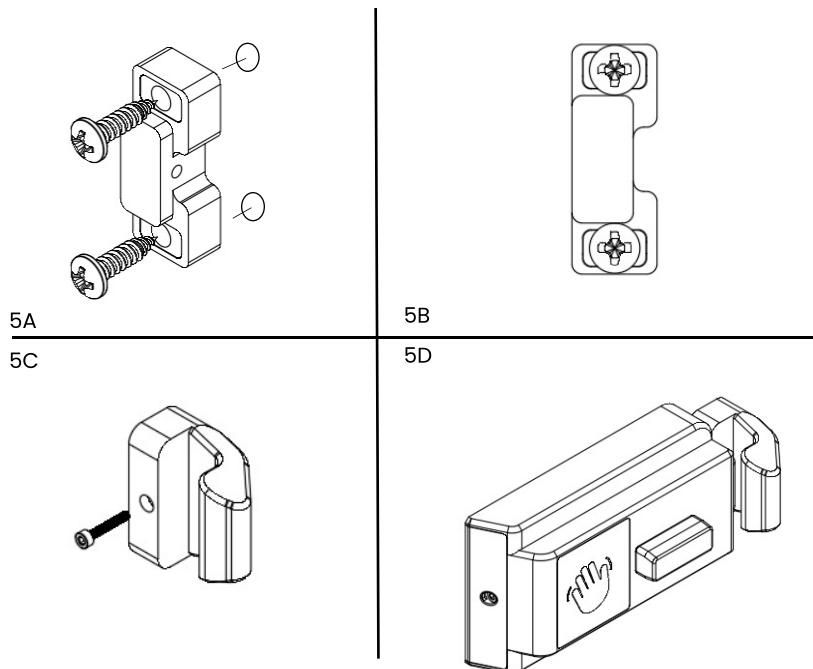


Choose the correct pin length for the door thickness: when fully inserted, the pin should protrude from door surface about 4-5mm. **Insert square pin into the square center of the red state indicator, not the cross shape (4A).** Insert the pin and state indicator into the door so that the red portion partially covers the white portion of the state display body attached to the door as seen (4B). The angle of the red indicator should match the metal cover's indication window (4C). The window should show red when locked & white otherwise.



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Step 5: Attach Keeper (In-swing)

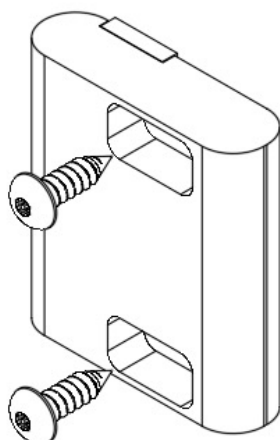


Find pre-drilled holes. Place keeper base against pilaster with hole guide pieces in place (5A). Drive screws into these holes (5B). Connect the top portion of the keeper, then insert and tighten hex bolt (5C).

If keeper needs adjusting left or right: Unscrew the keeper fasteners. Remove the two hole guide pieces within the keeper base. Then adjust the keeper base as needed left or right. Tighten bolts.

Installation complete (5D).

Attach Keeper (Out-swing)



Find the pre-drilled holes in the pilaster and align the out-swing keeper. Fasten the tamper-proof screws until the out-swing keeper is tightly secured.

If keeper needs adjusting left or right: Unscrew the keeper fasteners. Remove the back plate. Then adjust the keeper as needed left or right. Tighten bolts.



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Step 6: Hanger/Bumper Location



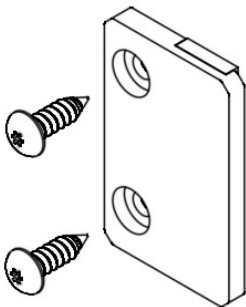
Do not place the hanger/bumper on the door. Rather, place the hanger/bumper onto the side partition the door opens toward (the side closest to the door hinges). For retrofits, remove this hanger/bumper from the door and relocate.

Step 7: 'How to Use' Decal (*recommended*)



If you believe your patrons may initially want a visual graphic on how to use the lock, place the provided 'How to Use' decal above the lock.

Step 8: Door Stop (*if specified*)



The retrofit kit will also include a door stop that matches the lock assembly:

1. Identify the best location for the door stop where the rubber portion of the stop extends into the path of the door.
2. Drill blind pilot holes based on the location, then fasten the screws into the exterior of the pilaster.

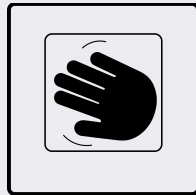
Installation Manual Hy® Lock



How to Use

In-Swing Doors

1. Walk inside stall.
2. Bump door shut with hip, elbow, foot, etc. (Door will hold in closed position)
3. Wave hand to lock door.
4. When ready to leave, wave hand again; latch will unlock and door will swing open automatically.



Out-Swing Doors

1. Approach out-swing stall and use arm pull to open door. Enter.
2. Wave hand to lock door once it is in the closed position.
3. When ready to leave, wave hand again; the latch will unlock and the user may simply bump the door open with elbow, hip or foot during exit.

* Out-swing doors often used with accessible stalls that meet ADA requirements. ADA code states the door must tend to the closed position.

Maintenance

Batteries:

- Battery Type: 4 AAs
- Low Battery: LED will blink slowly when batteries are running low
- Change batteries once a year or when LED begins to blink.

Re-Alignment (Adjust Keeper Position):

- If the door shifts the lock can be realigned.
- Use a hex Allen wrench to remove the top portion of the keeper. Unscrew keeper base. Remove the two hole guide pieces within the keeper base (in-swing) or the back plate (out-swing).
- Adjust position using the screw slots then tighten. Proper position:
 - In-swing door - where an in-swing door will remain closed when shut AND will also fully release and automatically swing open when unlocked.
 - Out-swing door - where an out-swing door will fully shut via gravity hinges and sufficiently lock.

Features

Manual Use:

The user may use the manual lock/unlock functionality at any time.

Battery Optimization:

When the door is closed *and* a hand-wave is *not* sensed within 45 seconds, the hands-free functionality is disabled until the door is opened and closed again.

When the door is closed and a hand-wave *is* sensed to lock the door, the hands-free functionality will remain available to the user for a 20 minute period. After 20 minutes, the user must manually operate the lock.

Secure Hand Sensing:

User must intentionally move their hand into the sensing area to trigger lock.