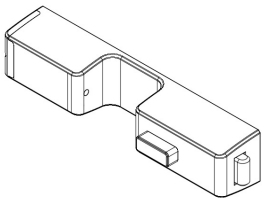
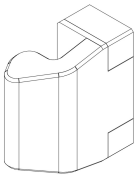
Installation Manual

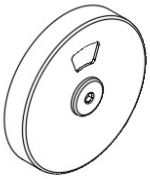
Included:



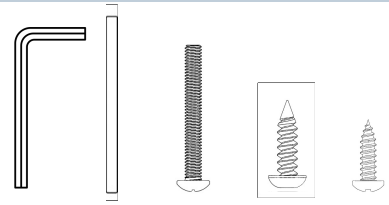
Latch



Keeper

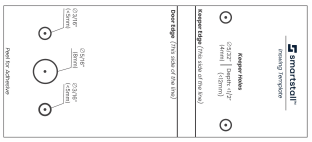


State Display

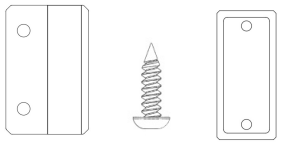


1x 3x 6x 2x 1x

Fasteners



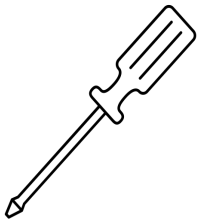
Template & Decal



1x 2x 2x

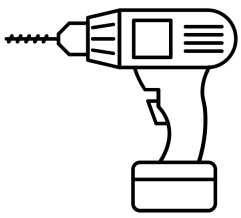
Retrofit Kit

Required:



Screw Driver

Philips Head



Power Drill

Drill Bit Set
+ 6 Point Hollow
Tamperproof Bit

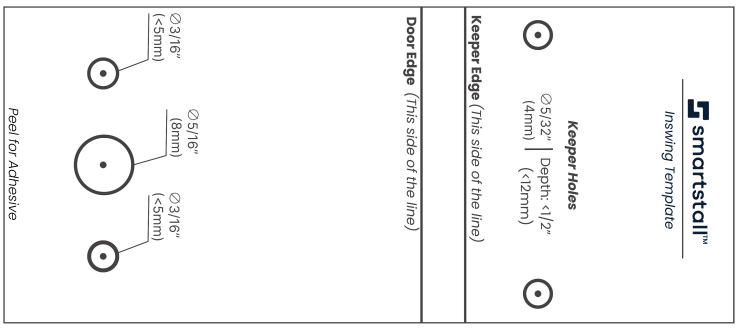
Level

Installation Manual

Step 1: Template

In absence of predrilled holes

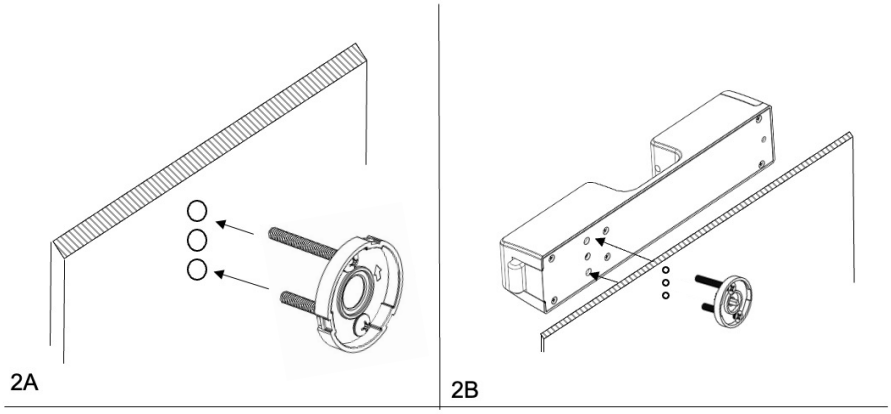
1A



Align template on door. Use a level to ensure the template is properly aligned before marking holes. Drill holes where shown.

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

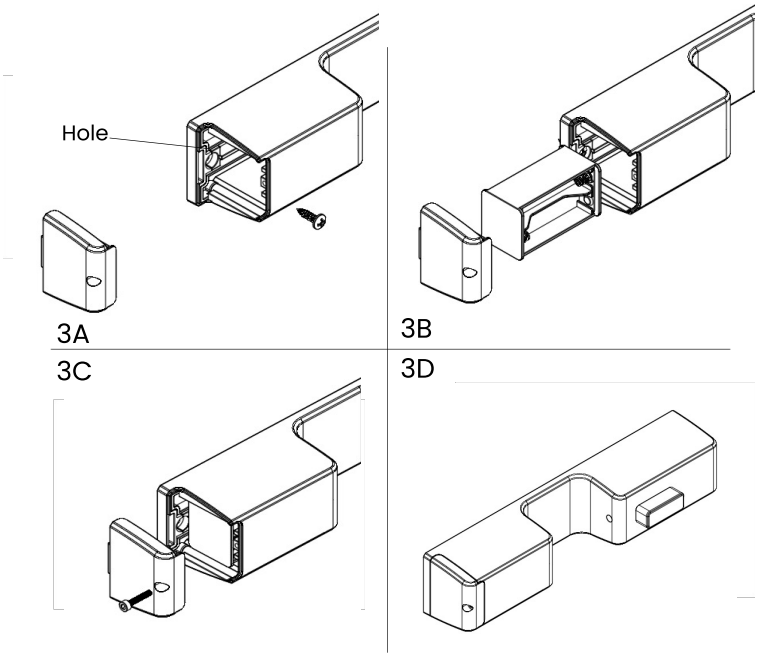


Chose the proper through-bolts for the door thickness (3/4", 1", 1-1/4"). Align state display body with holes.

Orient the state display body with the arrow pointing up. 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). Throughout the installation use the screw driver wherever a Philips head is used.

Installation Manual

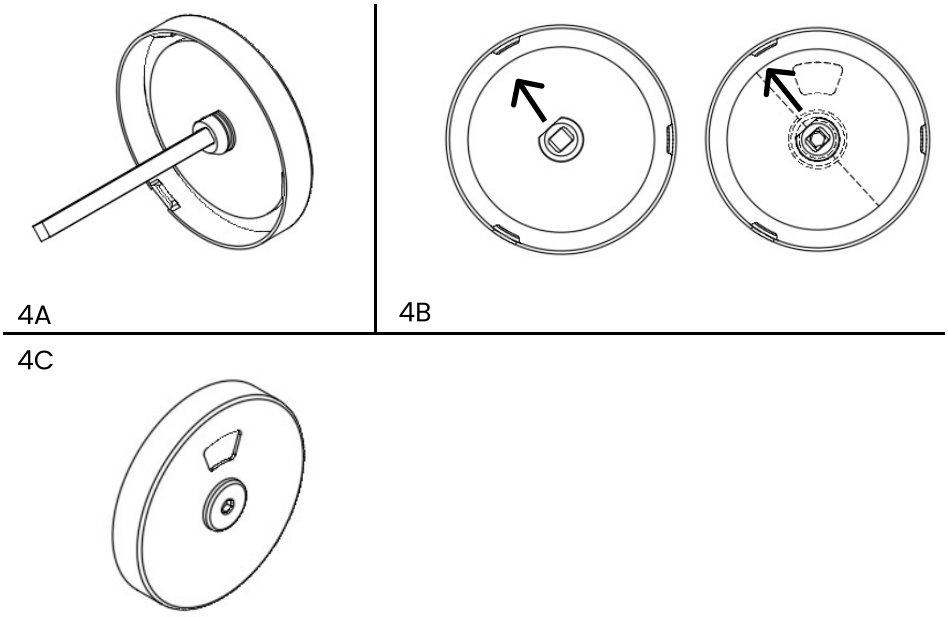
Step 3: Secure Latch + Batteries



There is a hole found in the battery cavity for further security (3A). Mark this hole, remove the lock (undo step 2), then drill blind 1/8” diameter pilot hole on mark. This hole should not go through to other side of the door.

Redo step 2. Next insert and tighten provided screw through this hole to secure the latch. Insert batteries to battery holder (3B). Insert battery holder (3C). Insert battery cover and tighten fastener (3D).

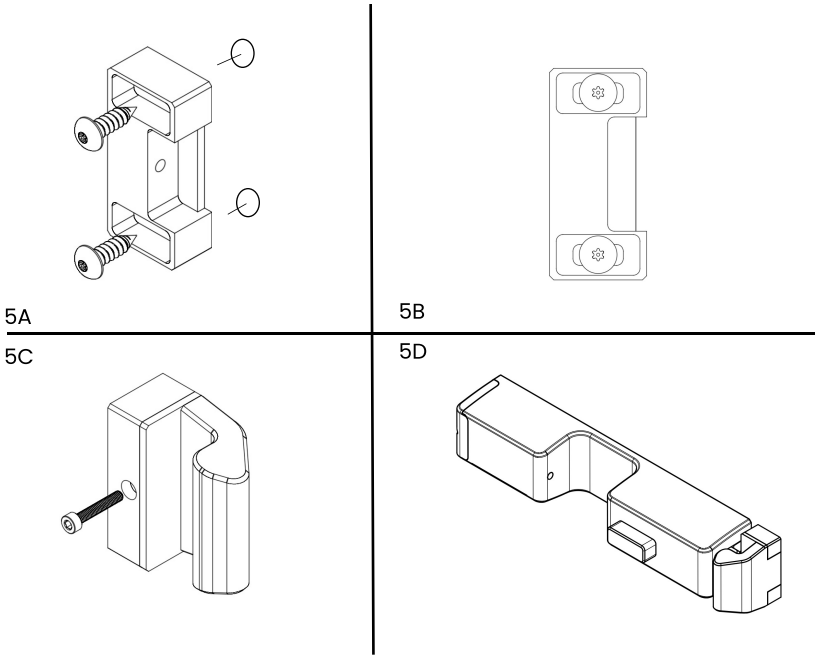
Step 4: Attach State Display



Insert square pin into the center of the state display cover assembly (4A). The shorter pin (60mm) is for 3/4” thick doors. The longer pin is for 1 to 1-1/2” thick doors. Orient the flat side of the turn pin towards the flange on the top side of the state display cover as seen in 4B.
Ensure the lock is in its rest state then attach the state display cover onto the body with the indication window on the top (4C). The window should show red when locked & white otherwise.

Installation Manual

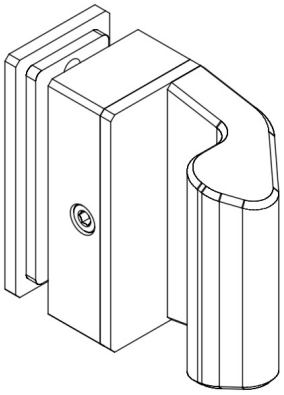
Step 5: Attach Keeper



Find previously drilled pilot holes . Place keeper base against pilaster with flush plastic back plate inserted into the bottom of the base. (5A) Drill screws into these holes.(5B) Connect the top portion of the keeper and insert and tighten hex bolt. (5C)

Installation complete (5D).

Step 6: Retrofit Kit - Keeper *(optional)*

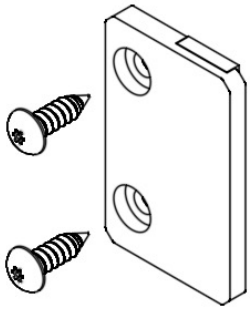


Retrofiting this lock onto an exisitng stall may require a few more simple steps: If the door does not close flush with the pilaster you may need to adjust the position of the keeper.

Included will be two extra keeper back plates with differing thickness. You may remove the standard back plate and replace it with the properly thick back plate to ensure alignment between the latch and keeper.

Installation Manual

Step 7: Retrofit Kit - Door Stop *(optional)*



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.

Step 8: Retrofit - Relocate Hanger *(optional)*

Many restroom stall doors have hooks located on the door to hang a coat or purse. Remove this hook from the door and relocate the hook onto the side partition to which the door opens towards (the side closest to the door hinges).

Step 9: Place Decal *(optional)*

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

User Manual

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 are almost always 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. See Installation Manual

Re-Alignment (Adjust Keeper Position):

- Unlike most locks, if the door shifts overtime the lock can be realigned.
- Use a hex Allen wrench to remove the top portion of the keeper. Unscrew keeper base. Remove plastic back plate.
- Reinstall keeper and adjust position using the screw slots to 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 anytime.

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 20mins. After 20mins of being locked, the user must manually unlock and open the door.

Secure Hand Sensing:

User must intentionally move their hand into the self-enclosed sensing area to trigger lock