# SLIDING PATIO DOOR HANDLE AND KEEPER INSTALLATION AND ROLLER ADJUSTMENT INSTRUCTIONS

**Note:** Handles are provided configured for a XO door. If an OX door was ordered the following steps must be performed on the keylock before installing the handle:

1) Remove the screws on the back of the exterior handle which holds in the keylock.
2) Remove the keylock plate and remove the key cylinder and flip it 180 degrees for the proper orientation of the key cylinder.
3) Put the plate back on and reinstall the screws.

**Handle options covered in this instruction:**



Standard / Standard Pull



(Optional) Standard / Standard (Interior Matched)

## 1 Standard Exterior Pull Handle Installation:

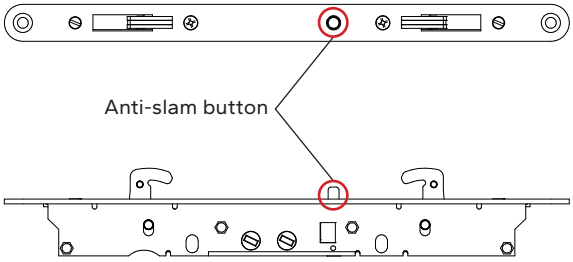
A. **Insert the medallion** into the interior handle escutcheon plate from behind ensuring any logo script is upright (if applicable) when the handle is installed.

B. **Position the thumbturn on the interior side of the panel with the lever facing the glass.** Make sure the thumbturn tail shaft engages with the lock. Place the interior handle so the relief cutout on the back of the escutcheon plate fits over the thumbturn.

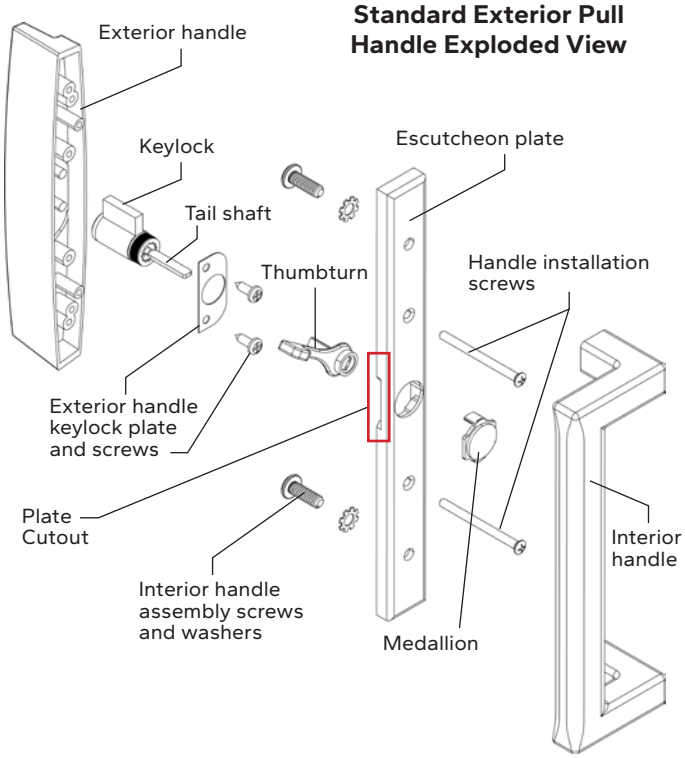
C. **Insert the exterior handle into the door, with the handle cutout facing the frame lock jamb.** Make sure the keylock tail shaft engages with the slot in the lock.

D. **Insert the two installation screws** through the interior handle into the exterior handle. Tighten the screws.

E. **Test the lock lever to ensure the lock works.** Depress the anti-slam button to engage the lock.




**Standard Exterior Pull Handle Exploded View**




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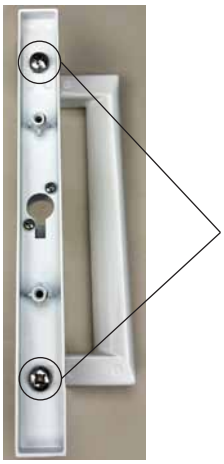
# 2 Standard Exterior (Interior Matched) Handle Installation (Optional):

**Note:** (Optional) Exterior 2-piece handle to match interior handle.

**Note**: **Handles are provided configured for a XO door.** If an OX door was ordered the following steps must be performed on the handle before installing the handle:

1) Remove the two screws on the back of the exterior handle leaving the existing washers in place.
2) Flip the handle 180 degrees for the proper orientation of the key cylinder.
3) Reinstall the handle attachment screws.

**Note**: Be sure to reuse the washers under each attachment screw head.



**OX Handle Installation:** Remove these screws and flip the handle 180° then reinstall screws.

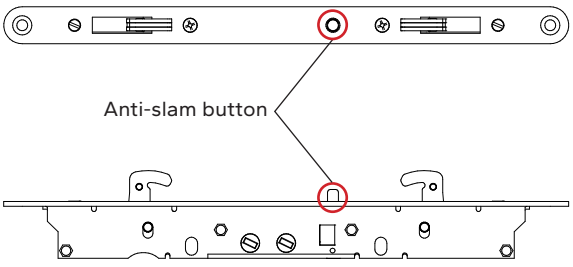
A. **Insert the medallion into the interior handle escutcheon plate**.

B. **Position the thumbturn on the interior side of the panel with the lever facing the glass.** Make sure the thumbturn tail shaft engages with the lock. Place the interior handle so the relief cutout on the back of the escutcheon plate fits over the thumbturn.

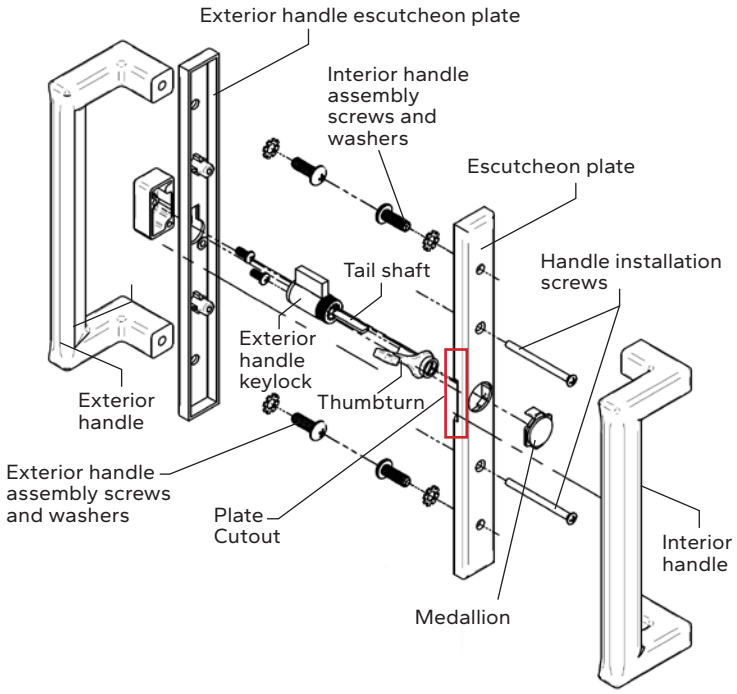
C. **Insert the exterior handle into the door with the handle facing the glass.** Make sure the keylock tail shaft engages with the slot in the thumbturn.

D. **Insert the two installation screws** through the interior handle into the exterior handle. Tighten the screws.

E. **Test the lock lever** to ensure the lock works. Depress the anti-slam button to engage the lock.




**Optional Interior Matched Exterior Handle Exploded View**



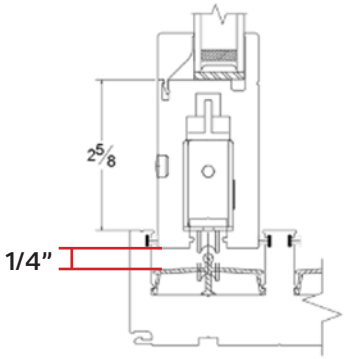
# 3 Test Door Operation / Roller Adjustment:

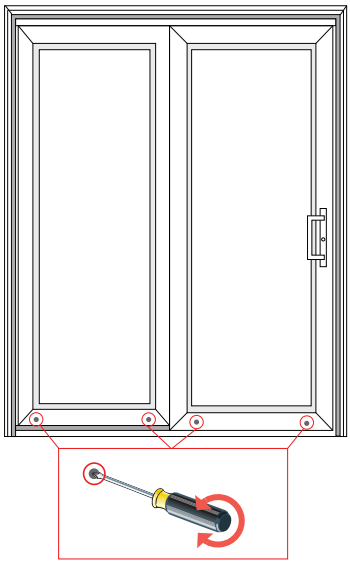
A. **Test the operation of the door** by opening and closing it a few times. Make sure the door slides easily. If there are any problems with the door travel recheck and adjust for plumb and square.

B. **Check the reveal.** Slide the vent panel to within 3" of the door frame lock jamb. Check for equal reveal at the top and bottom of the door. If the reveal is equal, proceed to Step 4; if not, adjust the rollers to the proper height before proceeding. The height of the panels is important to the performance and operation of the door.

C. **Adjust the reveal.** Use a #2 Phillips screwdriver to turn the adjustment screw. Turn the screw clockwise to raise or counterclockwise to lower each edge of the panel. There is a roller at the bottom each side of the vent panel. Adjusting each roller will accordingly impact the tilt of the panel.

**Recommended adjustment for panel height is 1/4" raised off the sill track**. DO NOT over-tighten the screws.



Turn adjustment screws to adjust panel height.

# 4 Keeper Installation:

A. **Lock the keeper onto the door panel.** Slide the door near the locking side jamb and using a pencil, mark the frame where the height of the keeper is positioned.

B. **Unhook the keeper from the panel and set it in the jamb aligning it with the pencil mark transferred to the frame.** Use the die line in the center of the pocket for the center reference; mark the center of the top and bottom holes of the keeper onto the frame.

**Note:** If a keeper shim is included in the hardware box, place shim behind the keeper (between the jamb and the keeper).

C. **Use the keeper attachment screws** to start a hole at each of the marked locations.

D. **Secure the keeper onto the frame using the top and bottom screw holes,** with the provided attachment screws. Place shims between the framing of the rough opening and the door frame. Shim in the installation cavity between the rough opening and the door jamb at each keeper attachment screw. Slide the panel close to the frame and confirm the frame reveal is straight.

**NOTICE Improper placement of shims may result in bowing of the door jamb, impacts to door performance, or vent panel operational issues.**

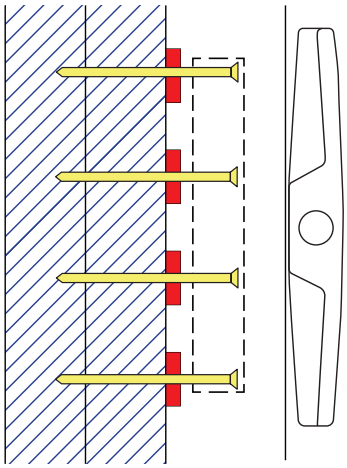
E. **Close the vent panel and test out the lock.** Do this multiple times to make sure the door is sliding and locking easily. With the keeper installed and locking correctly, finishing installing the last two keeper attachment screws. Place the upper middle screw at the bottom of the oval hole and the lower middle screw at the top of the oval hole.

F. **Adjusting play in the lock.** On the face of the lock there will be a flat head adjustment screw. Each adjustment works independently for each hook. Clockwise will move the one hook tighter to the panel and counterclockwise will move it further from the panel.

**NOTICE NEVER USE A DRILL WHEN ADJUSTING THE LOCK. USE A 3/16" HAND SCREWDRIVER AND DO NOT OVER TIGHTEN.**





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