

Hinge Replacement & Hinge and Hardware Adjustment

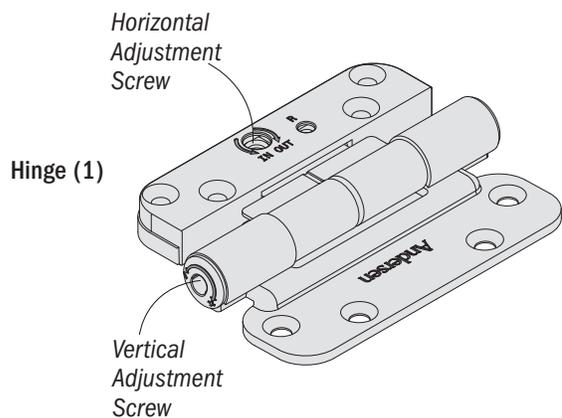
Product Series: A-Series, 400 Series

Read these instructions before starting procedure. For additional information visit www.andersenwindows.com. For questions call 1-888-888-7020.

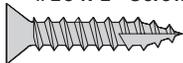
Product Type: Hinged Inswing Patio Doors
(Manufactured After November 2005)

Para obtener una versión en español de esta guía, visite el sitio www.andersenwindows.com

Parts Included:



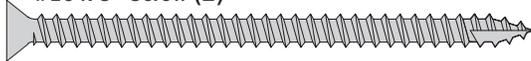
#10 x 1" Screw (2)



#10 x 1-3/4" Screw (4)



#10 x 3" Screw (2)



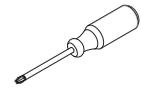
Tools and Supplies Needed:



Safety Glasses



Flat Blade Screwdriver



Phillips Screwdriver



Pencil



5/32" Hex Key
(included with Patio Door)

- ▶ Hinge Replacement page 2.
- ▶ Hinge and Hardware Adjustment page 3.

WARNING

- Use caution when working at elevated heights and around window and door openings. Follow the manufacturers' instructions for ladders and scaffolding. Failure to do so could result in injury or death.
- Follow manufacturers' instructions for hand and power tools. Always wear safety glasses. Failure to do so could result in injury, product or property damage.
- Windows and doors can be heavy. Use safe lifting techniques and a reasonable number of people with enough strength to lift, carry, and install window and door products. Heavier windows and doors will require mechanical assistance. Failure to do so could result in injury, product or property damage.
- Metal fasteners and components could corrode when exposed to preservative-treated or fire-retardant treated lumber. Use approved fasteners and components to fasten window or door. Failure to do so could cause a failure resulting in injury, product or property damage.

NOTICE

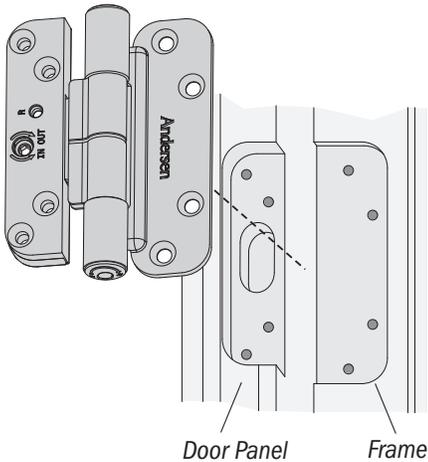
- Hinge replacement WILL NOT correct problems resulting from improper door installation. Examples of improper installation include units not being installed plumb, level, and square, excessively bowed jambs, and/or crowned sills.

IMPORTANT

- Make all horizontal adjustments first. Horizontal adjustments correct most problems. Vertical adjustments are rarely needed.
- Adjust hinges with door slightly open. The door panel should be supported by all hinges for maximum hinge performance.
- Start adjustments at bottom hinge and move upward.

Hinge Replacement

1

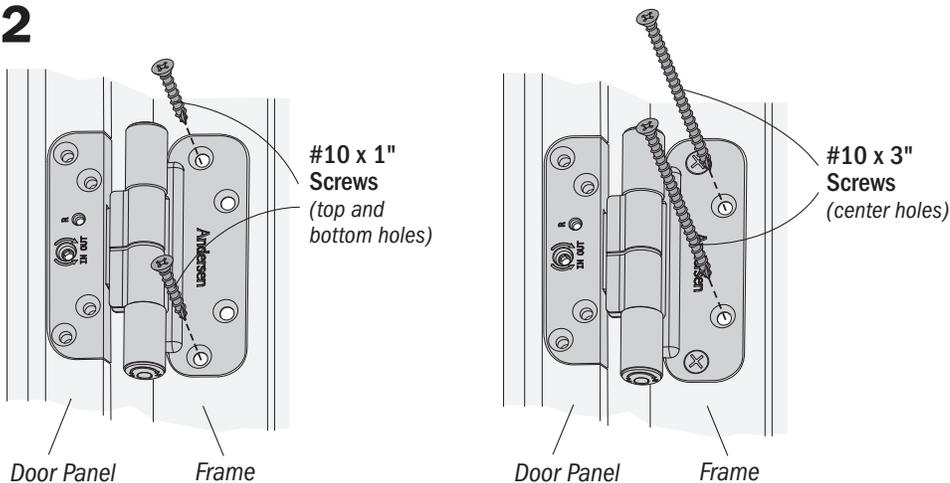


WARNING

Remove and replace only one hinge at a time. Removal of more than one hinge may result in door panel falling and potentially causing personal injury, product, and/or property damage.

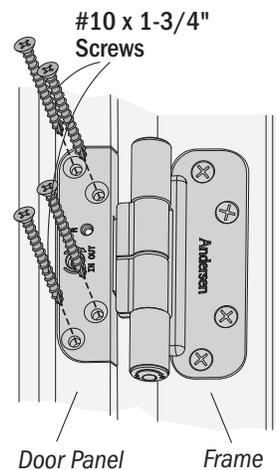
Remove screws from hinge using a phillips screwdriver. Dispose of hinge and screws properly.

2



Apply replacement hinge and fasten to frame using two (2) #10 x 1" screws through top and bottom holes and two (2) #10 x 3" screws through center holes.

3

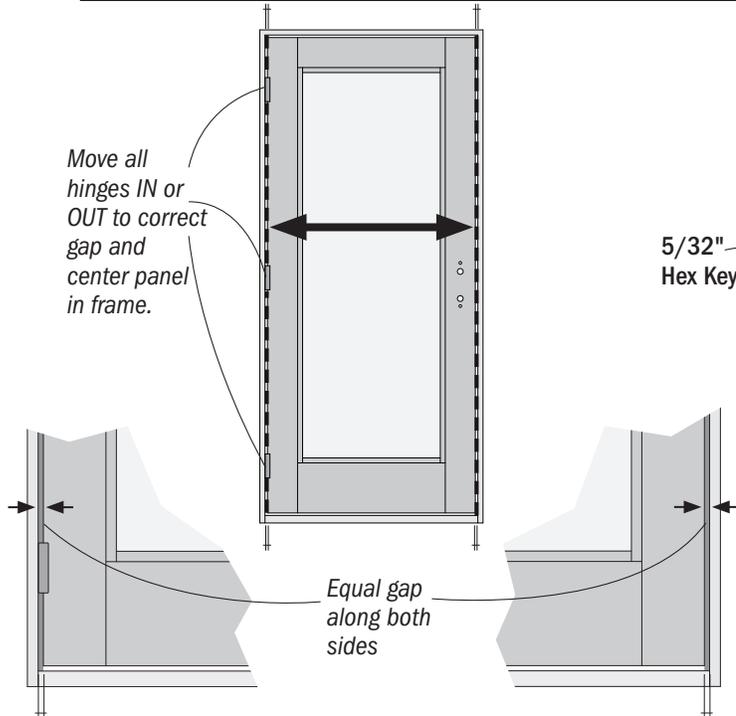


Fasten hinge to door panel using four (4) #10 x 1-3/4" screws. Repeat steps 1-3 for all hinges being replaced.

- ▶ Hinge replacement is complete.
- ▶ Proceed to hinge and hardware adjustment, below, for operation check and hinge adjustment instructions.

Hinge and Hardware Adjustments

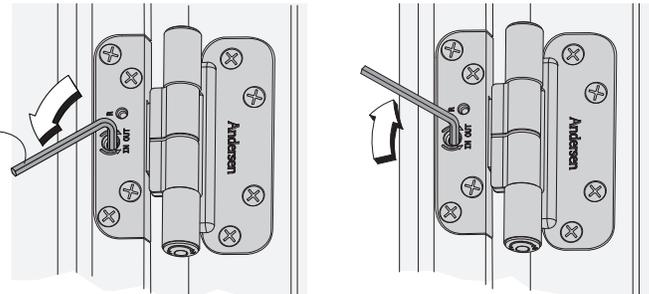
1 Panel Horizontal Adjustment (Side to Side)



- Check for equal gap between panel and frame along both sides.
- Starting with the bottom hinge, turn horizontal adjustment screw as shown to adjust panel as needed. Repeat for remaining hinges working upward.
- Check that gap between panel and frame on latch side and hinge side is equal to the thickness of the 5/32" hex key.

NOTICE

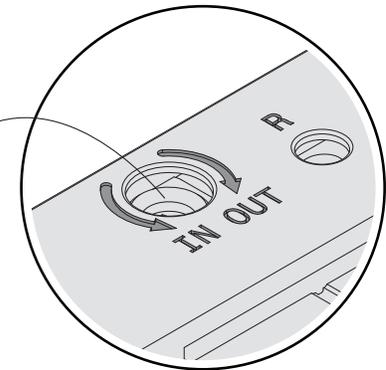
During counterclockwise rotation, stop adjustment when adjustment screw hits the back side of the cover and resistance increases. Failure to do so could cause product damage.



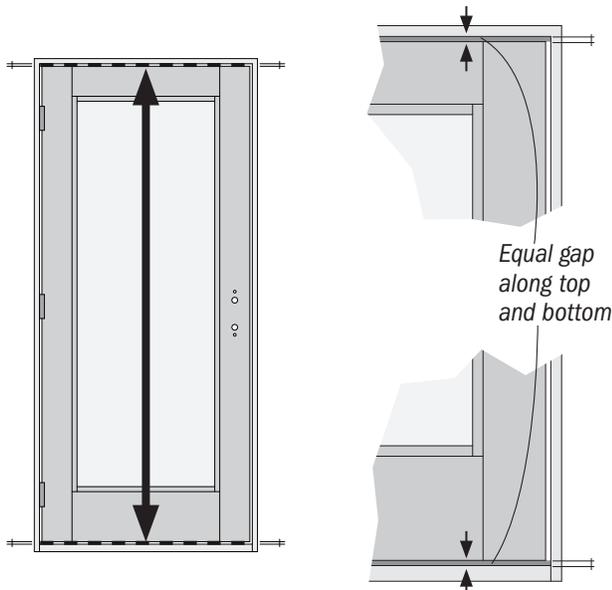
Turn counterclockwise (**IN**) to move panel toward hinge side jamb.

Turn clockwise (**OUT**) to move panel away from hinge side jamb.

Horizontal Adjustment Screw

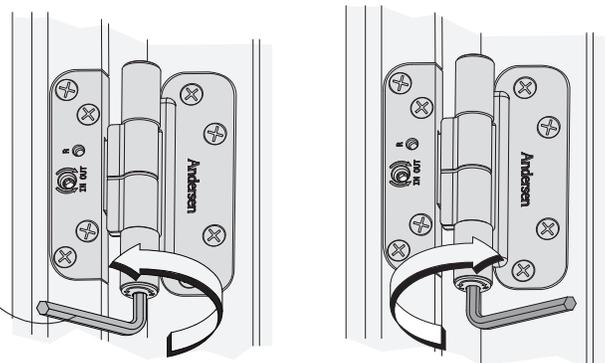


2 Panel Vertical Adjustment (Up and Down)



- Check for equal gap between panel and frame at top and bottom.
- Starting with the bottom hinge, turn vertical adjustment screw clockwise (+) 1/2 turn and then continue turning until panel is centered vertically in frame.
- Turn next hinge vertical adjustment screw clockwise (+) until panel moves slightly, then turn counterclockwise (-) 1/4" turn. Repeat for remaining hinges working upward.

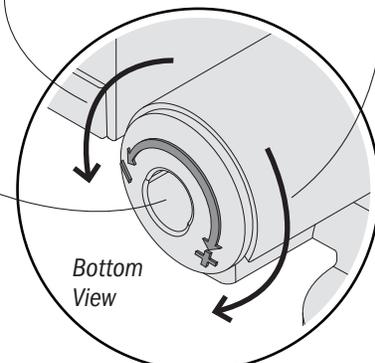
5/32" Hex Key



Turn counterclockwise toward (-) to lower panel

Turn clockwise toward (+) to raise panel

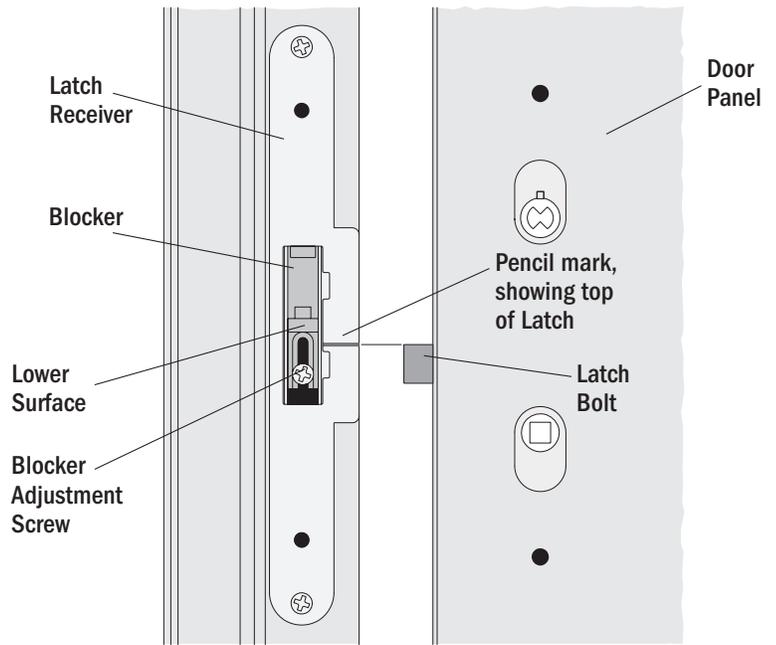
Vertical Adjustment Screw



3

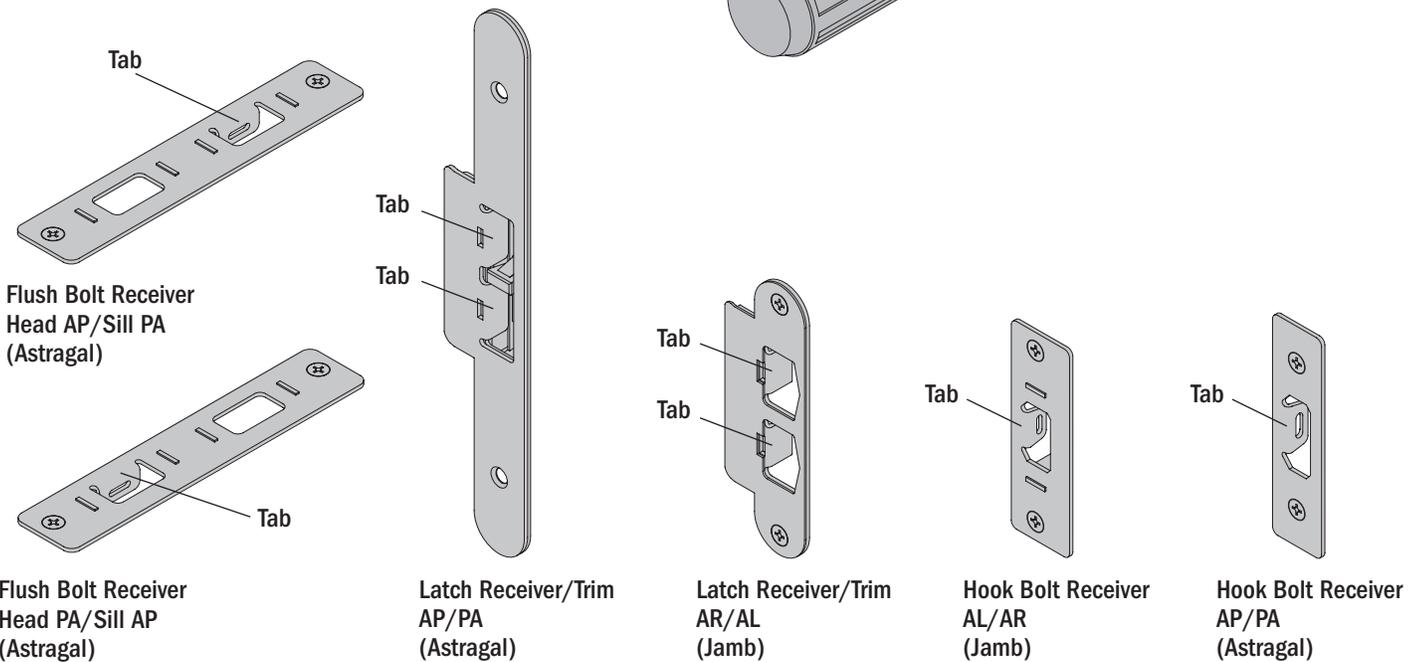
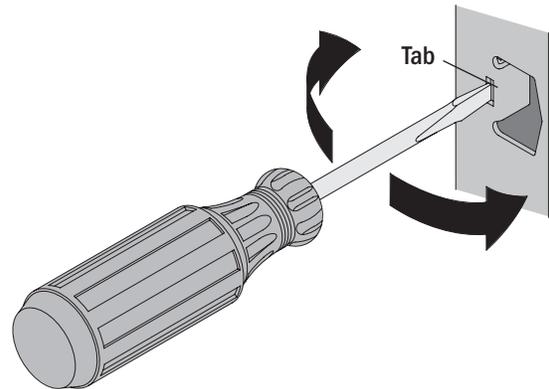
Blocker Adjustment

- Make a pencil mark where top of latch bolt strikes latch receiver.
- Loosen blocker adjustment screw.
- Slide blocker up or down so lower surface of blocker lines up with pencil mark.
- Tighten blocker adjustment screw.
- Close and lock panel(s).



4

Tab Adjustment



- Adjust tabs in latch receiver, hook bolt receivers, and flush bolt receivers using a flat blade screwdriver to achieve adequate weatherstrip compression when the door panel is closed.
- Adjust tab on hook bolt receivers if hook bolts do not stay engaged.

► Hinge and hardware adjustment is complete.