

# Hinge, Blocker, and Tab Adjustment Guide

for Andersen® A-Series Hinged Outswing; 400 Series Frenchwood® Hinged Outswing Patio Doors and

400 Series Frenchwood® Hinged Outswing Patio Doors with Stormwatch® Protection



## IMPORTANT

Read all instructions carefully before attempting this procedure. If you have any questions about your ability to complete this procedure, call Andersen at 1-888-888-7020 for further direction. Andersen WindowCare® service center hours are Monday through Friday, 7 a.m. to 7 p.m. Central Time and Saturday, 8 a.m. to 4 p.m. Central Time. Thank you for choosing Andersen® products.

## Important Safety, Assembly, and Installation Information

Every assembly and installation is different (windloads, structural support, etc.), and Andersen strongly recommends consultation with an Andersen supplier or an experienced contractor, architect, or structural engineer prior to the assembly and installation of any Andersen product. Andersen has no responsibility in regard to the post-manufactured assembly and installation of Andersen products.

### ⚠ WARNING

Use caution when working at elevated heights and around unit openings. Follow manufacturer's instructions for safe use of ladder and/or scaffolding. Failure to do so may result in injury or death.

### ⚠ WARNING

Follow manufacturer's instructions for safe operation of hand/power tools. Always wear safety glasses. Failure to do so may result in injury and/or product damage.

### ⚠ WARNING

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 to avoid injury and/or product damage.

### ⚠ WARNING

Unsecured door may swing open or closed causing injury. Secure door when open.



### NOTICE

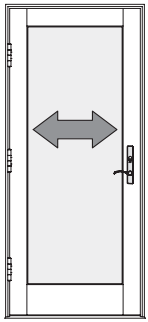
Patio door hinges may be adjusted to overcome operational problems caused by normal settling of building.

## Check Door Operation & Determine Adjustment

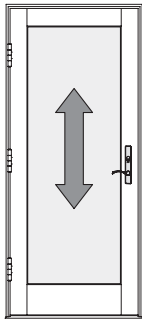
- If Panel rubs on frame and/or sill is not square to frame see **Horizontal Hinge Adjustment** on **Pages 2-3**. Make all horizontal corrections first.
- If Panel is not centered up and down in frame opening and/or does not ride equally on all Hinges, see **Vertical Hinge Adjustment** on **Pages 3-4**.
- If Latch Bolt does not engage Latch Plate Receiver, see **Blocker Adjustment** on **Page 5**.
- If Hook or Flush Bolts do not engage properly and/or weatherstrip compression is not adequate, see **Tab Adjustment** on **Page 6**.

## Hinge Adjustment (Horizontal and/or Vertical)

for Andersen® A-Series Hinged Outswing and 400 Series Frenchwood® Hinged Outswing Patio Door



Horizontal Adjustment



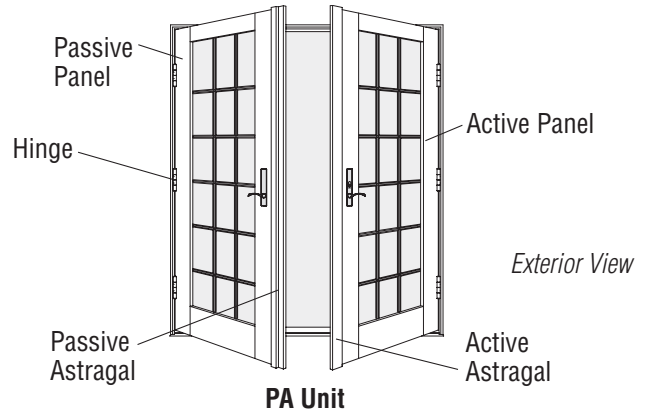
Vertical Adjustment

### Tools and Supplies

- Safety Glasses
- 5/32" Hex Wrench



Hex Wrench

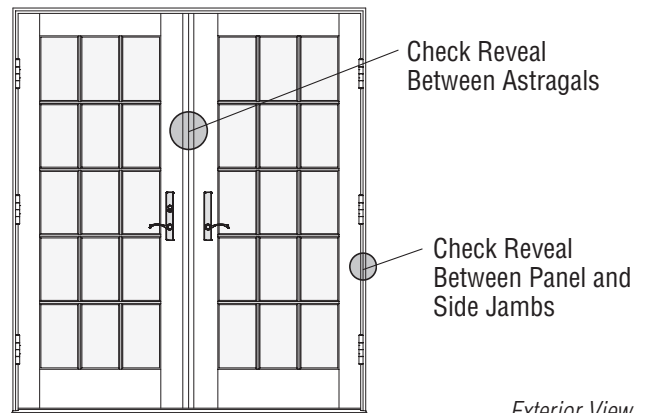


400 Series door shown

## Horizontal Hinge Adjustment

### 1. Check Operation

- For Vertical Adjustment, see bottom of **Page 3**.
- Open and close door several times.
- Check clearance between *Panel* and frame. *Panel* should not rub on frame or sill. *Panel* should be square to frame and sill.
- Reveal between *Astragals* should be 1/8" to 1/4" and should be equal from top to bottom.
- Reveal between *Panel* and side jamb should be equal from top to bottom.

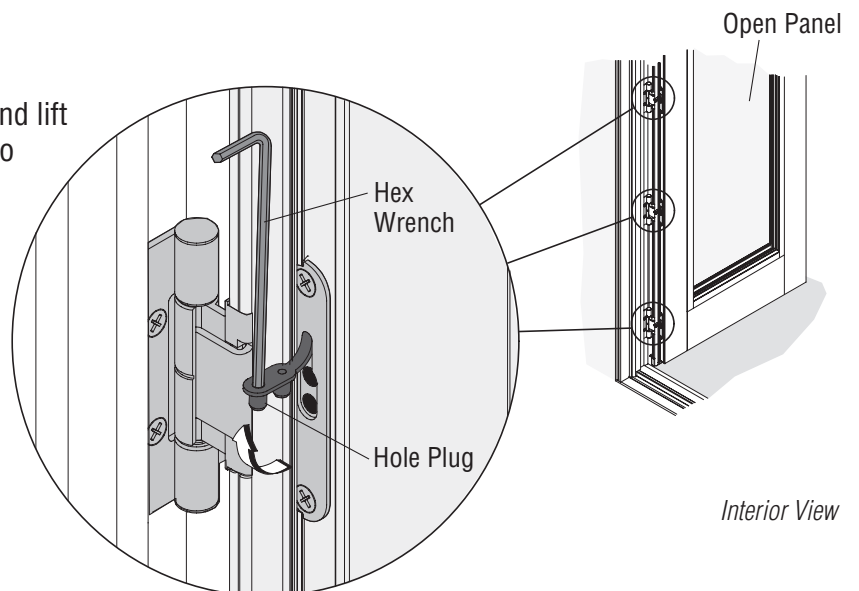


Exterior View

Horizontal Adjustment (↔)

### 2. Horizontal Adjustment

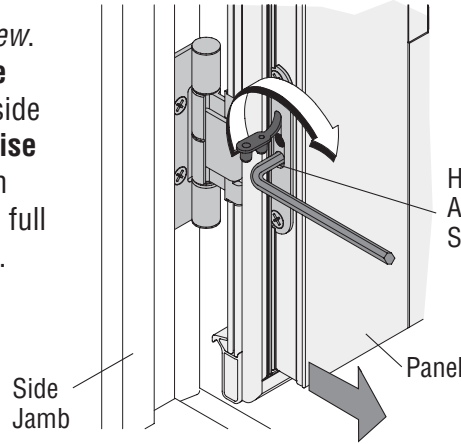
- Open *Panel* and secure in open position.
- Insert hex wrench into *Hole Plug* on *Hinge* and lift upward. *Hole Plug* should remain attached to prevent loss of plug.



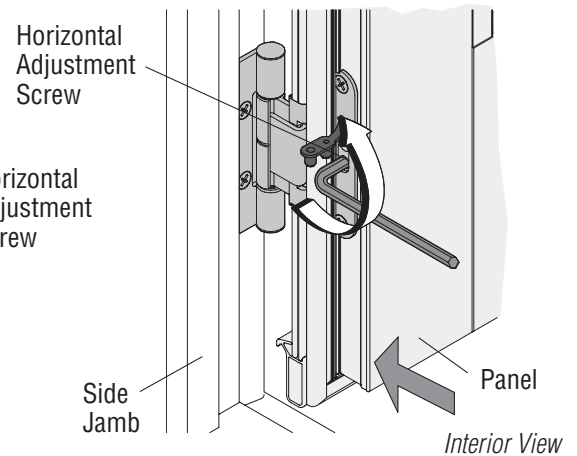
Interior View

## 2. Horizontal Adjustment (Continued)

- Insert hex wrench into *Horizontal Adjustment Screw*. Turn **clockwise to increase** space between *Panel* and side jamb. Turn **counterclockwise to decrease** space between *Panel* and side jamb (three full turns will move panel 1/8").

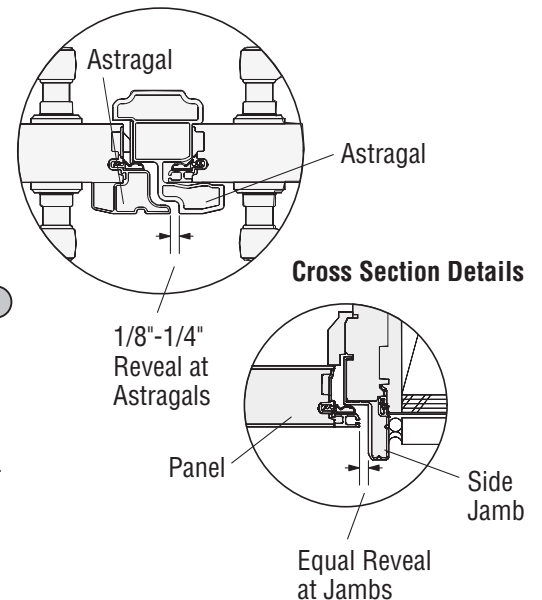
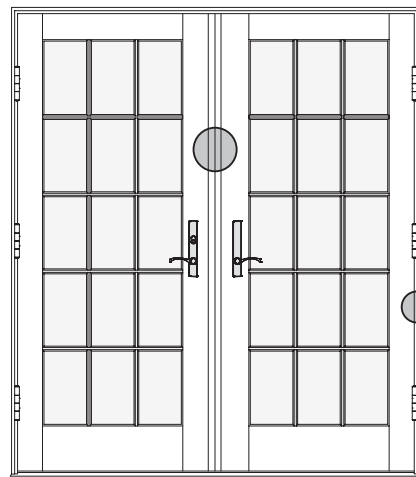


Turn **clockwise to increase** space between panel and frame.



Turn **counterclockwise to decrease** space between panel and frame.

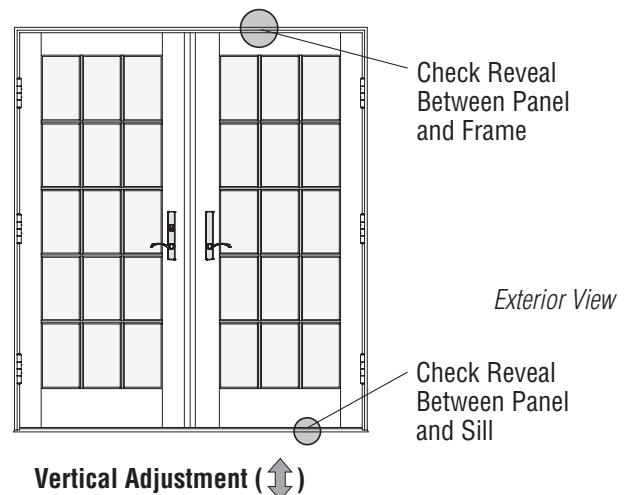
- Adjust remaining *Hinges* until there is a 1/8" to 1/4" reveal between *Astragals* and an equal reveal between *Panel* and side jambs as viewed from the exterior.
- Reinsert *Hole Plug*.
- Open and close door to recheck clearance.



## Vertical Hinge Adjustment

### 1. Check Operation

- Open and close door several times.
- Check clearance between *Panel* and *Frame*. *Panel* should not rub on *Frame* or *Sill*. *Panel* should be square to *Frame* and *Sill*.
- Check for smooth hinge operation. *Panel* should ride equally on all hinges.

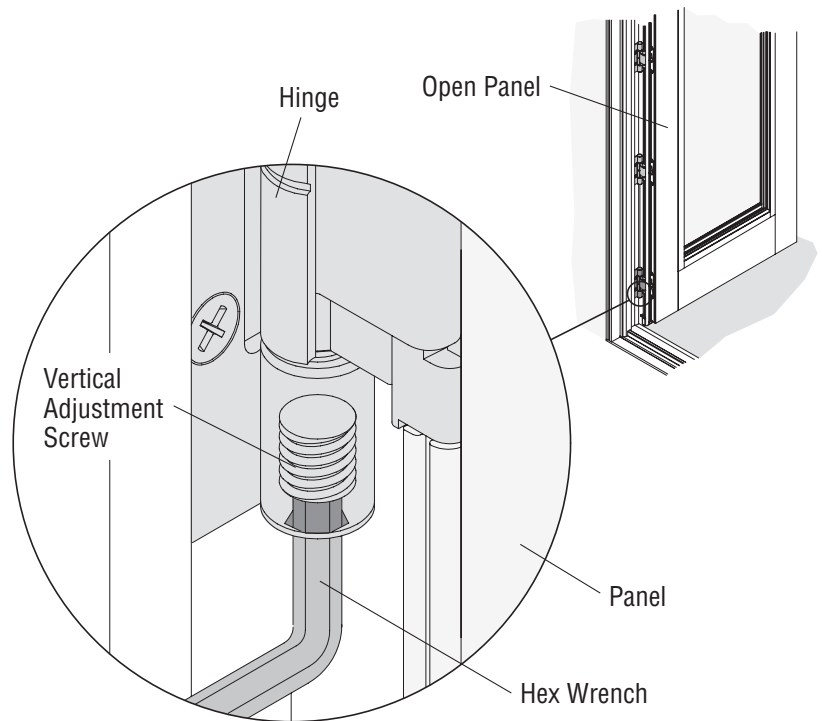


## 2. Vertical Adjustment

### NOTICE

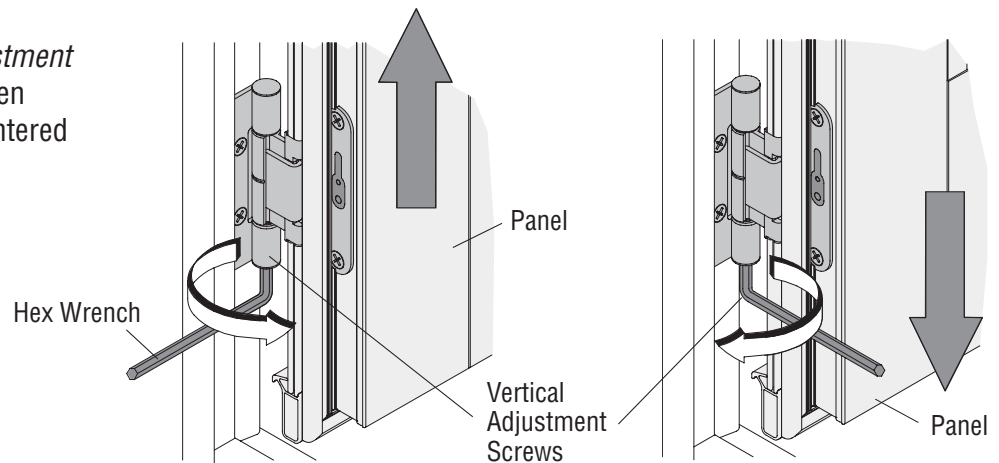
- Adjust hinges with door slightly open. Door should be supported by all hinges to make sure of maximum hinge performance.
- Adjust bottom hinge first and work upward.

- Open *Panel* and secure in open position.
- Insert 5/32" hex wrench through hole in bottom of *Hinge* and into *Vertical Adjustment Screw*.



Interior Views

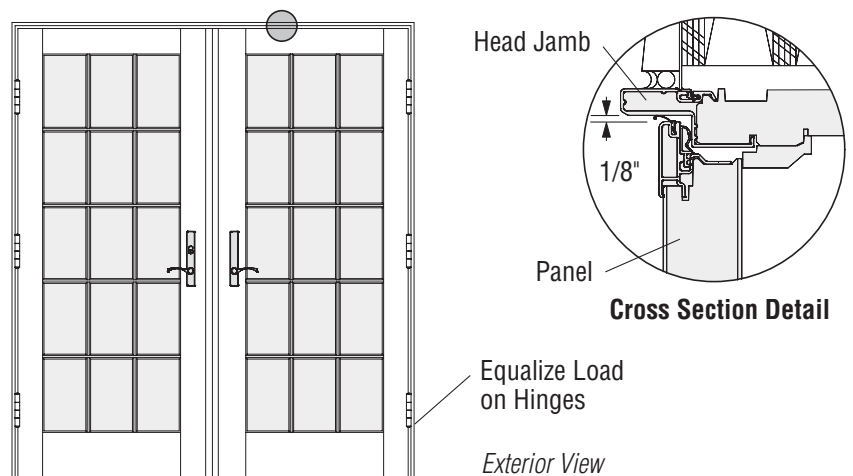
- Turn **bottom** hinge *Vertical Adjustment Screw* clockwise 1/2 turn and then continue turning until door is centered vertically in opening.



Turn **right** to raise panel

Turn **left** to lower panel

- Turn next hinge *Vertical Adjustment Screw* clockwise until door moves slightly, then turn counterclockwise 1/4 turn. Repeat for remaining hinges working upward.



## Blocker Adjustment

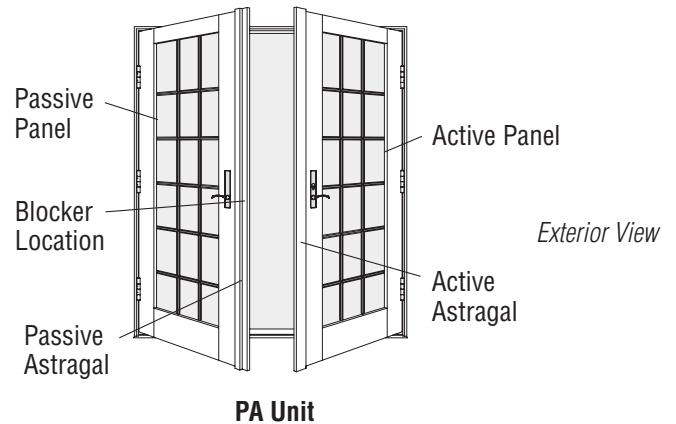
for Andersen® A-Series Hinged Outswing and 400 Series Frenchwood® Hinged Outswing Patio Door

### Tools & Supplies

- Safety Glasses
- Phillips Screwdriver

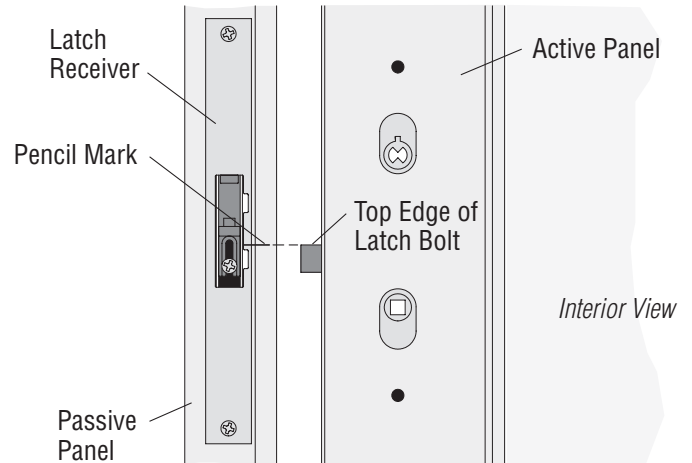
### NOTICE

**Blocker** is located on the passive panel.



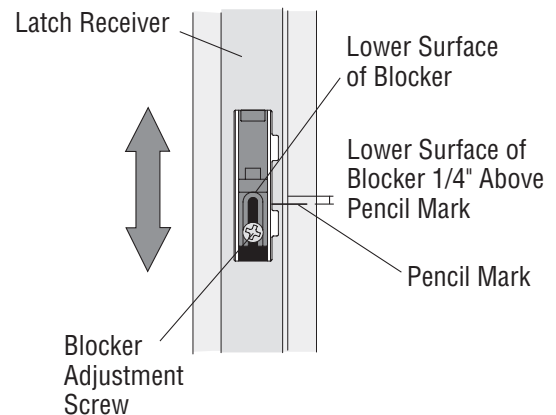
## 1. Check Operation and Mark New Placement

- If *Latch Bolt* does not engage *Latch Plate*, close and lock *Passive Panel* by pulling up on the handle.
- Mark where top of *Latch Bolt* strikes *Latch Receiver* on edge of *Passive Panel* using a pencil.



## 2. Adjust Blocker

- Loosen *Blocker Adjustment Screw* using a phillips screwdriver.
- Slide *Blocker* up or down until lower surface of *Blocker* is 1/4" above pencil mark. Retighten *Blocker Adjustment Screw*.

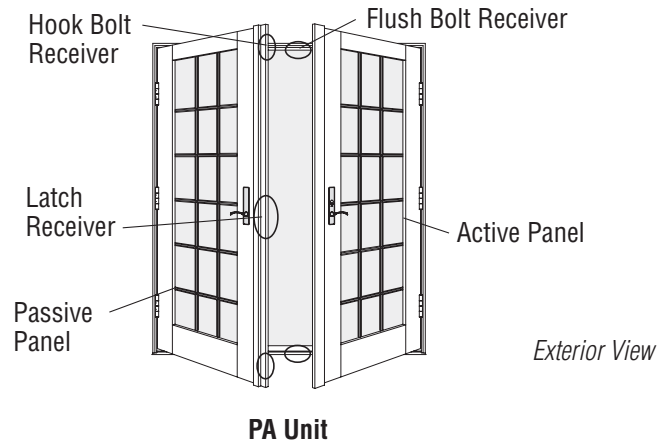


## Tab Adjustment

for Andersen® A-Series Hinged Outswing and 400 Series Frenchwood® Hinged Outswing Patio Door

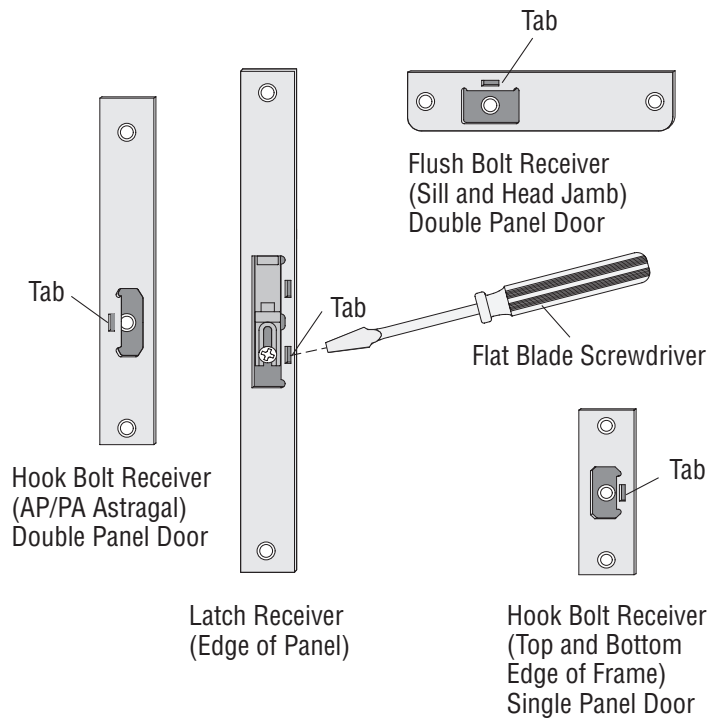
### Tools & Supplies

- Safety Glasses
- Flat Blade Screwdriver



### 1. Check Operation and Adjust Tabs

- Open, close, and lock *Panel* to check operation.
- Adjust tabs using a flat blade screwdriver, bending tabs up to tighten or down to loosen fit.
- If *Hook Bolts*, on edge of *Active Panel*, do not stay in position when locking or if operation is hard, adjust *Hook Bolt Receivers*.
- If *Flush Bolts*, at top and bottom edge of *Active Panel*, do not catch when locking or if operation is hard, adjust *Flush Bolt Receivers*.
- If additional weatherstrip compression is needed, tighten tabs in *Latch Receiver*, *Hook Bolt Receivers*, and *Flush Bolt Receivers*.



- Hinge, blocker and tab adjustment procedure is complete.