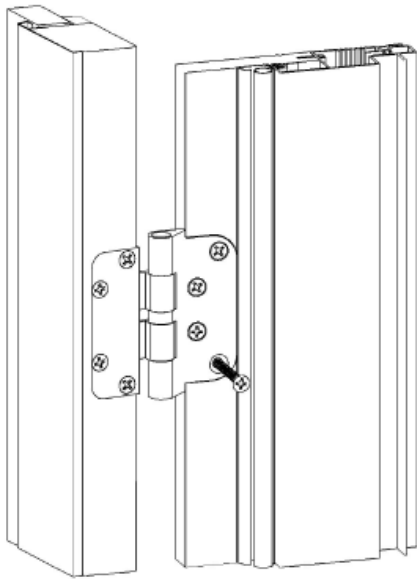


Supplemental Installation Guidelines

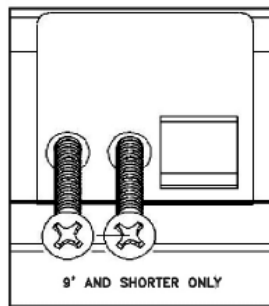
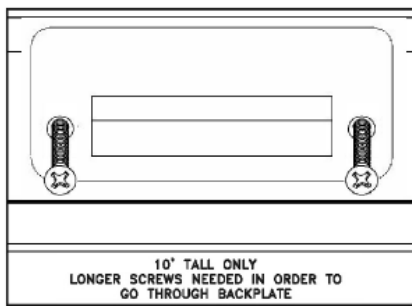
FOR PINNACLE & LEGEND HBR SWINGING DOORS



STEP 1: Hinge Screw Installation

The screws must be used to anchor the door into the framing of the building. Failure to do so can result in poor operation and performance, and will forfeit the warranty.

After installation, shim behind each hinge and install the #10 x 2-1/4" screws into the open holes in each hinge.



STEP 2: Head Strike Plate Installation

In-swing bi-hinge patio doors only

10' tall doors have a stainless steel head strike plate. All other doors have a yellow zinc head strike plate. If a finish-matched strike plate is preferred, remove the yellow zinc strike plate and install the finish-matched strike plate.



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STEP 3: Adjustable Hinge Adjustment Instructions

Introduction

There are two types of HOPPE Adjustable Hinges on each door panel:

1. **Set Hinge:** One or two per panel. The set hinge provides +/- 0.12" vertical adjustment.
2. **Guide Hinge:** Two or three per panel. The guide hinges provide +/- 0.12" horizontal adjustment. Look for the visible adjusting screw on the door sash leaf. This identifies the hinge as a guide hinge.
3. Hinge designs may vary, but adjustment remains the same.

Required Tools

- 3/16" hex wrench
- Small flat head screwdriver
- Plastic putty knife (recommended)

Vertical Adjustment for Doors with One Set Hinge

With the door closed or open:

1. Remove the press-fit Finial Cap from the bottom of the Set Hinge to expose the adjustment screw. Use the small screwdriver for Set Hinges featuring a plastic Finial Cap. A plastic putty knife is recommended for Set Hinges featuring a brass Finial Cap.
2. Insert the hex wrench into the bottom of the Set Hinge. Tighten the screw to raise the panel; loosen to lower the panel.
3. Reinstall the Finial Cap removed in Step 1.

Vertical Adjustment for Doors with Two Set Hinges

With the door closed or open:

1. Remove the press-fit Finial Cap from the bottom of the Set Hinge to expose the adjustment screw. Use the small screwdriver for Set Hinges featuring a plastic Finial Cap. A plastic putty knife is recommended for Set Hinges featuring a brass Finial Cap.
2. To raise the panel, insert the hex wrench into the topmost Set Hinge and tighten the adjustment screw to achieve the desired adjustment. Insert the hex wrench into the other Set Hinge and tighten the adjustment screw 1/8 turn past the onset of resistance to distribute the panel weight evenly between both Set Hinges.
3. To lower the panel, insert the hex wrench into the topmost Set Hinge and loosen the adjustment screw as far as possible without removing. Insert the hex wrench into the other Set Hinge and loosen the adjustment screw to achieve the desired adjustment. Retighten the adjustment screw on the topmost 1/8 turn past the onset of resistance to distribute the panel weight evenly between both Set Hinges.
4. Reinstall the Finial Caps removed in Step 1.

Horizontal Adjustment

With the door open:

1. Insert a 3/16" hex wrench into the horizontal adjustment screw.
2. Turn clockwise to decrease the margin and counterclockwise to increase the margin on the hinge side.

