Modern Multi Slide-Pocket
Installation Instructions

ABSTRACT: Please read these instructions in their entirety before beginning to install your Marvin Door product. These installation instructions demonstrate the installation of a Marvin door in new wood frame construction using an industry approved water management system. For installation using other construction methods, such as remodeling, replacement, and recessed openings refer to the latest version of ASTM E2112, “Standard Practice for Installation of Exterior Windows, Doors and Skylights,” for installation suggestions. The same information for ASTM E2112 can be found on the ASTM website, www.astm.org.

Regional standard practices, environmental conditions, and codes may vary and supersede the procedures contained within. The responsibility for compliance is yours: the installer, inspector, and owner(s).

The English language version of this instruction is the official version and shall take precedence over any translation.

KEYS TO A GOOD INSTALLATION:

- SQUARE the door in relation to the sill.
- A GOOD INSTALLATION has a FLAT sill that is also LEVEL.
- The BEST INSTALLATION has a FLAT and LEVEL sill and a SQUARE and PLUMB opening.

Correcting an out of square opening requires shimming beneath the sill and/or at the corners. These instructions assume an opening is constructed for the BEST installation with a flat and level sill and a square opening.

NOTE: Numbers listed in parentheses () are metric equivalents in millimeters rounded to the nearest whole number.
# Table of Contents

Hazards and Warnings ................................................................................................................................. 3  
Technical Specifications ............................................................................................................................... 3  
Protective Film ........................................................................................................................................... 5  
After Market Products ............................................................................................................................... 5  
Installer and Builder Information .............................................................................................................. 6  
Tools Needed ............................................................................................................................................... 6  
Parts Included ............................................................................................................................................ 7  
High Performance Sill-Install the Sill Slope .............................................................................................. 8  
Install Panning .......................................................................................................................................... 10  
High Performance Sill-Install the Counter-shims ...................................................................................... 11  
Splicing the Sill .......................................................................................................................................... 12  
Splicing the Head Jamb ............................................................................................................................. 15  
Assemble the Frame .................................................................................................................................. 17  
Install the Frame ....................................................................................................................................... 20  
Squaring the Frame and Complete Fastening ............................................................................................ 22  
Prep the Panels ......................................................................................................................................... 26  
Panel Installation-Exterior ......................................................................................................................... 27  
Panel Installation-Interior ............................................................................................................................ 28  
Adjusting Panels ....................................................................................................................................... 29  
Pocket Panel-Support Blocks and Covers ................................................................................................. 31  
Install Sill Frame Covers ........................................................................................................................... 33  
Install Head Jamb Frame Covers ............................................................................................................... 34  
Install Jamb Frame Covers .......................................................................................................................... 36  
Install Panel Bumpers ............................................................................................................................... 37  
Install Pocket Bumpers ............................................................................................................................. 38  
Install the HP Sill Nosing ........................................................................................................................... 38
Hazards and Warnings

⚠️ WARNING!

Do NOT lift or move without proper equipment. Read, understand, and follow all lift equipment manufacturers’ instructions and safety information.

⚠️ WARNING!

This product can expose you to chemicals including titanium oxide, which is known to the state of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

⚠️ WARNING!

This product can expose you to chemicals including methanol, which is known to the state of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

⚠️ WARNING!

Always practice safety! Wear the appropriate eye, ear, and hand protection, especially when working with power tools.

⚠️ WARNING!

Pinch point can occur at the panel intersections during operation. Do not keep fingers in the exterior pull when bypassing the adjacent panel.

⚠️ CAUTION!

Wear gloves and protective clothing when handling the frame components. Some high-density fiberglass surfaces are not coated and can leave splinters in bare skin.

NOTE: Multi-Slide panel operation force is affected by panel size and number of panels. Keep this in mind when having to open or close large and/or multiple panels at one time.

Technical Specifications

The following details are specified for proper installation of the unit to meet the advertised performance grade (PG) rating.

- Rough Opening Width: 1/4”-1 1/2” (6-38) wider than unit frame outside measurement.
- Rough Opening Height: 1/4”-3/4” (6-19) taller than unit frame outside measurement.
- Masonry Opening Width: 1/4”-1/2” (6-13) wider than unit frame outside measurement.
- Masonry Opening Height: 1/8”-1/4” (3-6) taller than unit frame outside measurement.
ATTENTION

Architectural Detail Manual Specifications:
Rough Opening: Width up to 1 1/2” (38); Height up to 3/4” (19)
Masonry Opening: Width 1/4”

• The panning must drain water to the exterior of the cladding OR the exterior surface of a concealed weather resistive barrier.

⚠️ CAUTION!

Be aware that the use of sill pans and other barriers will decrease the rough opening height clearance. Adjust opening dimensions accordingly.

⚠️ CAUTION!

Be aware that the use of sill pans and other barriers will decrease the rough opening height clearance. Adjust opening dimensions accordingly.

• The panning system used in these instructions is one component in a structure’s overall water management system. It should be used in conjunction with an appropriate drainage plane compatible with the exterior wall cladding.
• Flashing materials must comply with ASTM E2112, and be compatible with all materials used in installation including panning systems, air barriers and building papers, sheathing, and the window unit.
• Properly flash and/or seal all windows at the exterior perimeter.

IMPORTANT

Flashing material must not contain asphalt and must be compatible with flexible PVC (vinyl) if nailing fin is used as a backing material.

IMPORTANT

Sealants used for installation must be Grade NS Class 25 per ASTM C920 and compatible with the building exterior, window or door exterior surface, and flashing/water management materials.

• Optional foams used for installation must be low expansion only. Foam and foam application must comply with ASTM E2112.
• Shims are required at every fastener location.
• Do not use chemically treated products for shim material.
• Fasteners penetrating chemically treated lumber must be a minimum of 0.90 oz/ft2 zinc hot dipped galvanized or stainless steel type 304 or 316.
• The frame must not come into direct contact with chemically treated wood products.
**Protective Film**

This product features a clear protective film adhered to the glass surfaces to protect them from construction debris, dust, dirt, stucco, etc. When construction is complete, simply peel the film off and dispose of it with other construction debris.

**IMPORTANT**

Do not use a razor blade to remove the protective film. Do not use a pressure washer to clean debris from the film. The film should be removed within nine months of application.

Please refer to the manufacturer’s website and bulletin for more information on the physical properties and usage of the protective film.

**IMPORTANT**

DO NOT place suction cups over seams in the protective film.

![Diagram](image)

Figure 1 Do not put suction cups on seams or edges

Please refer to the manufacturer’s bulletin for more information on the physical properties and usage of the protective film.

**After Market Products**

Alterations to Marvin products including window films, insulating or reflective interior window treatments or additional glazings can cause excessive heat buildup and/or condensation. They may lead to premature failures not covered under warranty by Marvin Windows and Doors.

Before purchasing or applying any product that may affect the installation or performance of Marvin windows or doors, contact the manufacturer of after-market product/glazings that are not supplied by Marvin and request written product use, associated warranties and damage coverage. Provide this information and warranties to the end user and/or building owner for future reference.
Installer and Builder Information

• Always provide a copy of these instructions for the current homeowner.

• Plan sizing of rough opening and clearance from exterior finishing systems to allow for normal materials shrinkage or shifting (e.g. wood structure with brick veneer; allow adequate clearance at the sill). Failure to do so can void the Marvin warranty coverage.

• Refer to the Technical Installation Specifications section for technical specifications regarding the installation of this product. These installation requirements as well as the details in the section must be followed to achieve the advertised Performance Grade (PG) rating of this product.

• It is the responsibility of the builder, installer, and subcontractors to protect the interior and exterior of windows or doors from contact with harsh chemical washes, construction material contamination and moisture. Damage to glazing, hardware, weather strip and cladding/wood can occur. Protect with painters tape and/or protective sheathing as required. Follow all guidelines regarding material use, preparation, personal safety and disposal.

• Contact your Marvin supplier if you have any questions regarding product and materials used in manufacturing or questions on replacement parts.

• Please refer to the PDF version of this instruction for further information regarding best practices installer and builder information, code, and other legal requirements. The PDF version is the official document of record.

Tools Needed

• Safety glasses
• Putty knife
• Pry bar
• Square
• Drill/driver
• T20 Torx, T25 Torx, #2 Phillips bits
• 5mm Hex wrench at least 5”
• 1/8” drill bit
• 3/16” drill bit
• 1/8” self centering bit (Vix bit)
• Gloves
• Flathead screwdriver
• Suction cups for handling glass panels
• Utility knife
• Level (laser level helpful)
• Rubber mallet
• Tape Measure
• Mason’s line
• Compressed air
Additional Supplies Needed

**NOTE:** Some supplies are sent with your door. Refer to the picklist in the job box for details.

- Story poles (if necessary)
- Low expansion, low compression foam
- Flashing
- Sealant
- Sill Pan

- Weather resistive barrier
- Shims
- Rags/paper towel
- Minimum #8 size screws to fasten sill to rough opening (length depends on substrate).

Parts Included

Each door is shipped with panels, frame components, weather strips etc. Fasteners are sent in color coded packages noted below and throughout the instruction in the illustrations.

![Figure 2 Color coded screw packages](image)

<table>
<thead>
<tr>
<th></th>
<th>Phillips Head, no package</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>#8 x 1/2&quot; T-20 Torx™ head, purple package</td>
</tr>
<tr>
<td>2</td>
<td>#8 x 3&quot; 2/3 thread Phillips head, blue package</td>
</tr>
<tr>
<td>3</td>
<td>#8 x 2 1/2&quot; 2/3 thread Phillips head screw, yellow package</td>
</tr>
<tr>
<td>4</td>
<td>#8 x 7/16&quot; self drilling Phillips pan head, orange package</td>
</tr>
<tr>
<td>5</td>
<td>#8 x 1/2&quot; Phillips flat head stainless screw, red package</td>
</tr>
<tr>
<td>6</td>
<td>#8 x 1 3/4&quot; self drilling T20-Torx pan head stainless steel, green package</td>
</tr>
<tr>
<td>7</td>
<td>#10 x 3&quot; T-25 Torx 2/3 thread pan head screw, black package</td>
</tr>
</tbody>
</table>
High Performance Sill-Install the Sill Slope

NOTE: If you are installing a door with a standard flush sill or performance sill proceed to Install Panning on page 10.

If you are using a high performance sill, you will receive the Sill Slope pre-assembled and counter-shims that are snapped together as well as fasteners. After the sill opening is leveled you will install the Sill Slope, then your panning, counter-shims, and finally install the frame. See Figure 3.

**IMPORTANT**

Sill opening cannot exceed 1/4" (13) out of level. You must remedy the sill opening condition to within 1/4" of level before installing the sill slope.

![Figure 4](image)

1 Sill slope offset filler

2. Temporarily place the HP sill component next to the opening. Mark the location of the holes on the RO subsill. This will help you locate the counter-shims. See Figure 5.

![Figure 5](image)

3. Set the sill slope in the slot at the desired location. Using the pre-drilled holes in the sill slope as a guide, drill through both walls of the sill slope and into the optional pre-panning and substrate. See Figure 6

**NOTE:** Temporarily place shims between the sill slope and the interior edge of the slot to maintain a 1/8” gap and help to mark the location of the slope once you remove it from the slot.

**1. HP Sill Slope Offset:** The distance from the exterior wall blackout panel to the edge of the sill slope is approximately 1 1/16" (27). As an option, fabricate a filler piece from rigid foam or treated lumber to this dimension. See Figure 4. The height will vary depending on how many tracks your door uses. Refer to the HP Sill Slope Offset table in the Modern Multi-Slide Site Preparation Instructions for heights.
4. Remove the sill slope from the slot and blow out the holes with compressed air. See Figure 7.

5. Inject the pre-drilled holes with sealant. See Figure 8.

6. Set the sill slope in the slot and fasten into the rough opening sill with a minimum #8 x 2 1/2" (64) pan head screw appropriate for your structure. The screw must penetrate at least 1 1/4" (32) into the subsill. See Figure 9.
**Install Panning**

1. Integrate your panning with the water management system.

2. Any fasteners penetrating the sill panning must have sealant applied to the pre-drilled hole prior to fastening.

3. Pocket panning must have a minimum of 4" (102) end dam on all sides of the pocket. The rear leg of panning must be as high as the interior sill liner. See Figure 10

![Figure 10 Pocket panning for Performance or Flush sill shown.](image)

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; panning in pocket all sides</td>
</tr>
<tr>
<td>2</td>
<td>Rear leg of panning as high as door sill liner.</td>
</tr>
</tbody>
</table>
**High Performance Sill-Install the Counter-shims**

1. Assemble the counter-shims sent with the door. See Figure 11.

![Figure 11 Connect counter-shims](image)

2. If you have an odd number of sill tracks you will need to break off the exterior end of the counter-shim at the break line. See Figure 12.

![Figure 12 HP Sill (3 track shown)](image)

3. Place the counter-shims in the panning every 10”(254) using the marks you made earlier as a guide. The counter-shims should be placed beside the fastener locations (opposite side of the drain routs). See Figure 13.

![Figure 13 Set counter-shims](image)

4. Check the counter-shim/sill opening for level. If necessary use the 1/16" (3) thick adhesive backed shims (included) to bring the counter-shims to level. See Figure 14.

![Figure 14 Level counter-shims with stackable shims](image)

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**Hint**

Put a dab of sealant down to keep the counter-shims in place before you install the frame.

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**Table 1**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1</td>
<td>Door sill</td>
</tr>
<tr>
<td>2</td>
<td>Sill dam</td>
</tr>
<tr>
<td>3</td>
<td>Counter shim</td>
</tr>
<tr>
<td>4</td>
<td>Optional pre-panning</td>
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</tbody>
</table>

**Table 2**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Counter shim</td>
</tr>
<tr>
<td>2</td>
<td>Stackable shims</td>
</tr>
</tbody>
</table>
**Splicing the Sill**

NOTE: You will have to splice your sill if the width of your door exceeds 21 feet (6.4 meters).

1. Lay the sill parts on a flat clean and protected surface with the splice sections lined up top side up. **See Figure 15.**

2. Press the splice sections together and seat with a rubber mallet. **See Figure 16.**

3. Flip the assembly upside down. **See Figure 17.**

4. Remove the screws from the splice keys. **See Figure 18.**

5. Tap the two sections together until the splice joint is tight and the end of the tracks are flush. The sill liners will sit 1/2"(13) beyond the tracks on each side of the sill. **See Figure 19.**
6. Fasten the splice keys with the screws you removed earlier. See Figure 20.

7. Drill pilot holes through the pre-drilled holes (found near the splice areas) using a 1/8" (3) Vix (self centering) drill bit. The depth cannot exceed 1/2" deep. See Figure 21.

8. Fasten sill sections with #8-18 x 1/2" (13) screws.

9. Once all screws are secured, flip the sill right side up. See Figure 22.
10. Where required, add the roller track, weather strip and sill slot covers over the spliced sections. See Figure 24, Figure 25, and Figure 26.
Splicing the Head Jamb

NOTE: You will have to splice your head jamb if the width of your door exceeds 21 feet (6.4 meters).

1. Lay the head jamb parts out on a flat clean and protected surface. See Figure 27.

Figure 27

2. Press the splice sections together and seat with a rubber mallet. See Figure 28.

Figure 28

3. Remove the screws from the splice keys. See Figure 29.

Figure 29

4. Press the splice sections together and seat with a rubber mallet. See Figure 30.

Figure 30

5. Fasten the head jamb splice key with #8 x 1/2" (13) screws. See Figure 31.

Figure 31

6. Inject sealant into the hole nearest the splice until squeeze out appears in the nearby relief hole in the nail fin kerf. See Figure 32.
7. Drill pilot holes through the pre-drilled holes (found near the splice areas) using a 1/8" (3) Vix (self centering) drill bit. The depth cannot exceed 1/2" (13) deep. See Figure 33.

8. Insert #8 x 1/2" (13) screws and tighten. See Figure 34.

9. Where required, add the frame liner, weather strip, dust blocks, and frame clips over the spliced sections. See Figure 35, Figure 36, Figure 37, and Figure 38.
10. Place dust block(s) on the frame clips approximately 7/8" (22) from the splice (on the stationary or pocket side). These will line up with the edge of the panels. See Figure 39.

Assemble the Frame

⚠️ CAUTION!

Wear gloves and protective clothing when handling the frame components. Some high-density fiberglass surfaces are not coated and can leave splinters in bare skin.

1. If your door is wider than 21 feet, you will need to splice your head jamb and sill components. Refer to Splicing the Sill on page 12 and Splicing the Head Jamb on page 15 before proceeding.

   NOTE: Corner keys are pre-installed in the ends of the jambs at the factory.

2. Align the end of one side jamb with the head jamb and slide until the miter is flush. See Figure 40

3. Slightly loosen the exterior screws holding the key to the jamb with a T20 Torx® head bit. This will allow the key to align with the head jamb holes. See Figure 41.
4. Use the #8x 1/2" screws to fasten the head jamb to the key. See Figure 42.

5. Tighten the jamb screws you loosened earlier. See Figure 43.

6. Assemble the other jamb to the head jamb assembly. See Figure 44.

7. Slide the lower jamb corner keys into the sill. See Figure 45.

8. Fasten with two #8x1 3/4" self drilling screws per key. See Figure 46.

Tip

On 4, 5, or 6 track systems it may be helpful to loosen some of the jamb to corner key screws to align the sill and jamb components easier.
9. Inject the head jamb corner keys until there is squeeze out showing in the inspection hole. See Figure 47.

10. Remove the paper backing from the interlock gasket and apply it to the sill end of the interlock as shown. See Figure 48.

11. Fasten the pocket interlock to the head jamb using a #8 x 2 1/2" (6) screw through the pre-drilled hole in the head jamb. See Figure 49.

12. Fasten the pocket interlock to the sill using the #8 x 2 1/2" (6) screw through the pre-drilled hole in the sill and into the screw boss on the interlock. See Figure 50.
Install the Frame

**IMPORTANT**
It is extremely important to start with a flat level sill. If you have not remedied an out of level sill, do so now.

**Seek Assistance**
You will need more than one person to install the frame.

*NOTE: Stackable (horseshoe) type shims are shown throughout this instruction but other shims may be used and more appropriate depending on jamb depth.*

1. Stand the pocket frame upright from the inside and slide into the opening. See Figure 51.

![Figure 51](image)

2. Center the frame in the rough opening and shim one corner at the bottom. See Figure 52.

![Figure 52](image)

3. Verify that the sill is flat and level. Make adjustments as necessary. See Figure 53.

![Figure 53](image)

4. Use the chart below to determine proper fastener placement depending on configuration (number of tracks). See Figure 54.

![Figure 54](image)

Place fasteners through Head Jamb, Sill, and Jamb at locations indicated by the star shapes above.
5. If you have a performance sill or flush sill, skip to step 8 on page 21.

6. Position the frame to the correct depth, inject sealant and install an anchor screw in the sill near the pocket side jamb. See Figure 55.

![Figure 55: Drill to the sill slope and blow out with compressed air.](image)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/8” drill bit</td>
</tr>
<tr>
<td>2</td>
<td>Compressed air</td>
</tr>
</tbody>
</table>

7. Inject sealant and fasten with the #8 x 1 3/4” self drilling screws every 10” (254) (T20 Torx). See Figure 57.

![Figure 57: Seal and fasten HP sill.](image)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sealant</td>
</tr>
<tr>
<td>2</td>
<td>Screws</td>
</tr>
</tbody>
</table>

8. Position the frame to the correct depth inject sealant and install an anchor screw in the pocket side sill. See Figure 58.

**NOTE:** Depending on the substrate and fastener of choice, you may have to pre-drill before fastening. Follow all fastener manufacturer’s recommendations.

![Figure 58: Fastening pocket performance sill](image)

<p>| | |</p>
<table>
<thead>
<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Sealant</td>
</tr>
<tr>
<td>2</td>
<td>Fastener will vary depending on sill construction</td>
</tr>
</tbody>
</table>
Squaring the Frame and Complete Fastening

Square the frame by starting with the pocket side top jamb, then move to the operating jamb, square and true the frame. Once the frame is square, plumb, and true in the opening complete fastening all round. The following steps provide more detail.

1. Square the pocket side. Use a laser level and speed square to plumb the jamb. Move the jamb left to right until square. See Figure 59.

2. Apply shims and adjust, then fasten through the pocket jamb side near the top with a #10 x 3” (T25) Torx screw provided. See Figure 60.

3. Plumb and true the frame so that it is aligned on the same plane. Move to the operator or opposite side and apply shims and adjust, then fasten through the operator (or opposite) jamb side near the top with a #10 x 3” (76) Torx (T25) screw provided. See Figure 61 and Figure 62.
Figure 62 Make sure the entire frame is on the same plane and not twisted.

Hint

One way to plumb and true the frame is to attach crossing strings to the corners of the door diagonally. With the stationary side pinned in place, adjust the opposite side until the strings touch.

4. Shim and fasten the pocket interlock to the edge of the exterior framing and the inside surface of the exterior framing with #10 x 3” (76) installation screws. Make sure the interlock is plumb and not twisted in the opening. See Figure 63.

Figure 63 Attach interlock plumb to framing.

1. Installation screw
2. Shims (horseshoe type shown)
3. Shims and screw at top

5. From the interior, attach the interlock to the blackout panel and framing with #10 x 3” (64) T-25 Torx installation screws provided. Figure 64.

6. Starting at the center, shim and fasten the head jamb with #10 x 3” (76) screws so that a story pole stays in light contact with the sill and head jamb. Repeat this process the entire width. See Figure 65 and Figure 66.
7. On bi-parting units, fasten the flush bolt strike through the pre-drilled holes near the center of the head jamb using #10x3" (64) screws. Make sure there is adequate shimming between the RO and the head jamb at the location of the strike. See Figure 67 and Figure 68.

<table>
<thead>
<tr>
<th>1</th>
<th>Shim</th>
</tr>
</thead>
</table>

8. Install the remaining screws into the sill. (not provided on performance or flush sills). Fasten HP sills at 10" (254) on center. All other sills, fasten at 20" (508). See Figure 69. See Figure 54 previously for screw placement.

| 1 | #10x3" Torx (T25) |

9. Complete fastening and shimming through additional fastener holes in the jamb. See Figure 70.
10. On uni-directional units, install the jamb filler with strike attached. The filler will snap into place, engaging with the top and bottom corner keys. See Figure 71.

11. On uni-directional units, pre-drill through the open holes in the strike plate (above and below each strike) with a 3/16"(5) drill bit. See Figure 72.

12. Shim and fasten with #8x3"(76) screws provided. See Figure 73.
13. On uni-directional locking jambs, apply a dust block at the top of the interior track behind the bulb weather strip. Position the block so it is centered between the joint on the head jamb and jamb weather strips. See Figure 74.

14. Place another dust block at the bottom of the jamb behind the jamb weather strip. See Figure 75.

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**Prep the Panels**

1. On pocket and secondary panels, fasten the cover retainer to the top of the stiles with a #8x 1 3/4” (44) Phillips head screw. Slide the cover over the retainer. See Figure 76.

2. On pocket and secondary panels, fasten the bottom stile cover retainer to the bottom of the stile with a #8x 1 3/4” (44) Phillips head screw. Slide the cover over the bracket. See Figure 77.

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<table>
<thead>
<tr>
<th>1</th>
<th>Cover retainer</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>#8 x 1 3/4” Phillips head screw</td>
</tr>
<tr>
<td>3</td>
<td>Stile hole cover</td>
</tr>
</tbody>
</table>
ATTENTION

Panels with Flush and High Performance sills can be installed from either the exterior or interior. Panels with Performance Sills can only be installed from the exterior. The following steps show an exterior installation. Reverse the panel order if you are installing from the interior.

WARNING!

LIFT HAZARD! Do NOT lift or move without proper equipment. Read, understand, and follow all lift equipment manufacturers’ instructions and safety information.

NOTE: Pocket panels on XP and PX configuration doors can only be installed from the interior. Pocket panels on configurations with a performance sill must be installed from the exterior.

Panel Installation-Exterior

1. Install the primary operating panels or inactive panels first. Lift the top of the panel into the interior most head jamb track. Then swing the bottom over the sill track until centered over the roller guide. Set the panel gently onto the guide. See Figure 78.

![Figure 78](image)

| 1  | Lift the panel into the head jamb |
| 2  | Set the sill on the track |

2. Install the secondary operating panels next. Make sure each panel overlaps the previously installed panel so that the interlocks can engage with one another. See Figure 79.

![Figure 79](image)
3. Install the pocket panel next. See Figure 80.

4. Test all the operating panels to make sure they lock and operate smoothly, adjust rollers if necessary.

**NOTE:** See the section *Adjusting Panels on page 29 for details on adjusting rollers and panels.*

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**Panel Installation-Interior**

1. Install the pocket panel first. Lift the top of the panel into the exterior most head jamb track. Then swing the bottom over the sill track until centered over the roller guide. Set the panel gently onto the guidetrack.

2. Install the secondary operating panels next. Make sure each panel overlaps the previously installed panel so that the interlocks can engage with one another.

3. Install the primary operating panels last. Make sure each panel overlaps the previously installed panel so that the interlocks can engage with one another.
Adjusting Panels

1. Move the operator panel toward the locking jamb until there is a slight gap. Check for an even reveal/gap between the panel and the jamb. See Figure 84.

2. Place a block of wood on the sill and pry the panel up to relieve the weight off the rollers. See Figure 85.

3. Remove the locking stile roller adjustment hole cover. See Figure 86.
4. On inactive panels meeting stile side, pry the lower plug and dust cover down to reveal the adjustment hole. See Figure 87.

5. Insert a 5mm hex wrench into the adjustment hole(s) and raise or lower the rollers accordingly. Rotate the adjustment screw clockwise to raise the panels. See Figure 88 and Figure 89.

6. Recheck for an even reveal and repeat the previous steps if necessary. See Figure 90.

7. With the primary panel open slightly, move the secondary panel until you can see daylight through the glass between the stiles. Check for an even reveal and adjust the rollers on the secondary panel. Repeat as necessary for every secondary panel. See Figure 91.
8. Lock the primary panel and make sure the interlocks between the primary and secondary panel engage properly. See Figure 92.

9. Insert hole plugs after you are done adjusting panels.

Pocket Panel-Support Blocks and Covers

1. Attach pocket support block to the stile of the pocket panel. Fasten through the pre-drilled holes in the top and bottom with the #8 x 1 3/4” (44) self drilling screws. (Bag with the green dot). Make sure the support block is flush to the bottom of the panel. When the top and bottom are secure fasten through the rest of the holes. See Figure 93 and Figure 94.

**IMPORTANT**

Do not use an impact driver when fastening the pocket support block.
2. Use the existing screw holes in the middle as a guide to pre-drill into the second wall of the pocket support block with a 1/8” (3), then fasten with screws used earlier. See Figure 95.

3. Attach the pocket cover assembly to the pocket support block at the top and bottom with the #8 x 1 3/4” (44) self drilling screws. See Figure 96.

4. Use the existing holes in the middle of the pocket cover as a guide to drill through cover and support block with a 1/8” drill bit. Fasten with the same screws you used earlier at the top and bottom. See Figure 97.

5. Attach the pocket cover trim piece. The trim is barbed into the pocket panel and covers the screws fastening the components to one another. See Figure 98.
6. Use the existing screw holes in the middle as a guide to pre-drill into the second wall of the pocket support block with a 1/8" (3), then fasten with screws used earlier. See Figure 95.

7. Insert a pocket cover bumper at the top and bottom of the pocket cover trim piece. Squeeze the rubber bumper and insert in to the pre-drilled holes. See Figure 100.

8. On pocket doors with 4 or more tracks, attach the pocket cover support bracket to the pocket cover. Slide the flat end into the recess on the pocket support block and then fasten to the pocket cover with two #8x 5/16" (11) self drilling screws provided. See Figure 101.

**Install Sill Frame Covers**

1. Where a cover meets a panel, insert a sill drain filter in the end of the cover before installing it in the sill. See Figure 102.
2. Start with the panels closed and locked. The sill covers fit between the pocket panel or secondary panels on the exterior and the jambs. Seat the cover with a rubber mallet. The cover will fit slightly under the stationary panel. See Figure 103, Figure 104 and Figure 105.

Install Head Jamb Frame Covers

**NOTE:** Exterior covers are made of high density fiberglass.

1. With all the panels closed, squeeze and insert a head jamb gasket adhesive side up into the head jamb track. Position the gasket flush with the panel(s). See Figure 106.
2. Starting from the exterior, install the fiberglass head jamb covers. The covers have a leg that fits into a kerf on the jamb weather strip or a kerf in the frame itself. Fit the leg on the cover into the kerf on the jamb and rotate the cover into place. You may need to seat the cover with a rubber mallet. See Figure 107, Figure 108, and Figure 109.
Install Jamb Frame Covers

NOTE: Exterior covers are made of high density fiber-glass.

1. Install the fiberglass exterior locking jamb covers. The covers have a leg that fits into a kerf on the jamb kerf in the frame. Fit the leg on the cover into the kerf on the jamb and rotate the cover into place. You may need to seat the cover with a rubber mallet. See Figure 110.

![Figure 110](image-url)
Install Panel Bumpers

1. On secondary panels, fasten panel bumpers to the interior meeting stile at the top and bottom with #10 x 1 1/2" Phillips head screws. See Figure 111.

NOTE: Bumpers with a “1” embossed in the back are used on secondary panels where they meet primary panels. Bumpers with a “2” embossed into the back of the bracket are used on secondary panels where they meet other secondary panels.

Figure 111 Top secondary panel bumper

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<table>
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<tbody>
<tr>
<td>1</td>
<td>Bumper used on secondary to primary</td>
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<tr>
<td>2</td>
<td>Bumper used on secondary to secondary</td>
</tr>
<tr>
<td>3</td>
<td>#10 x 1 1/2&quot; Phillips head screw</td>
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Figure 112 Bottom secondary panel bumper

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1</td>
<td>Secondary panel bumper</td>
</tr>
<tr>
<td>2</td>
<td>#10 x 1 1/2&quot; Phillips head screw</td>
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</table>
Install Pocket Bumpers

1. Install the pocket bumpers on the exterior most jamb track through the top and bottom installation holes using #8x 3” (64) installation screws. If the installation screws are already in place, remove and insert the bumper using the same screw. See Figure 113 and Figure 114.

![Figure 113 Pocket bumper at head jamb exterior track](image)

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<tbody>
<tr>
<td>1</td>
<td>#10x3&quot; Torx (T25) installation screw</td>
</tr>
<tr>
<td>2</td>
<td>Pocket bumper</td>
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</tbody>
</table>

![Figure 114 show bumpers in space with screws out](image)

Install the HP Sill Nosing

1. On all units with an HP sill, install the sill nosing into the groove on the exterior sill liner. Insert the "foot" of the nosing into the groove at an approximately 45 degree angle then rotate the part down into place until the long leg of the nosing contacts the sill frame/panning.

![Figure 115 Sill nosing](image)

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<tbody>
<tr>
<td>1</td>
<td>Sill nosing</td>
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</table>

2. Seal the vertical end of the nosing where it meets the pocket or the jamb as well as the entire length of the nosing leaving gaps at the sill weeps. See Figure 116

![Figure 116](image)

**IMPORTANT**

Do not allow sealant on the front face of the sill weeps on the sill nosing. Clean excess sealant immediately.