

Sliding Patio Door Foot Latch Installation Instructions

Install 254

Part No. 1220273 12-07

FIGURE 1

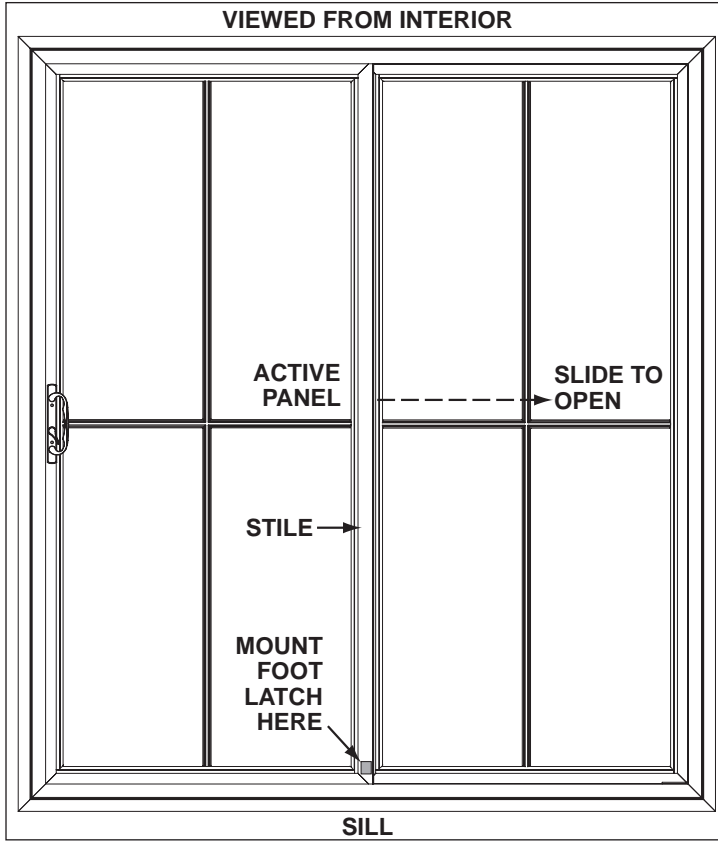


FIGURE 1 shows an interior view of a typical 2-wide sliding patio door. The foot latch mounts on the center stile of the active panel. The keeper, depending on which one is used, mounts either on the floor or on the face of the sill frame.

IMPORTANT: Before installing the foot latch, the door must be completely installed so it is level, plumb, and square, according to the door installation instructions packed with the unit. The panels must also be fully adjusted for level, even reveal, and smooth operation.

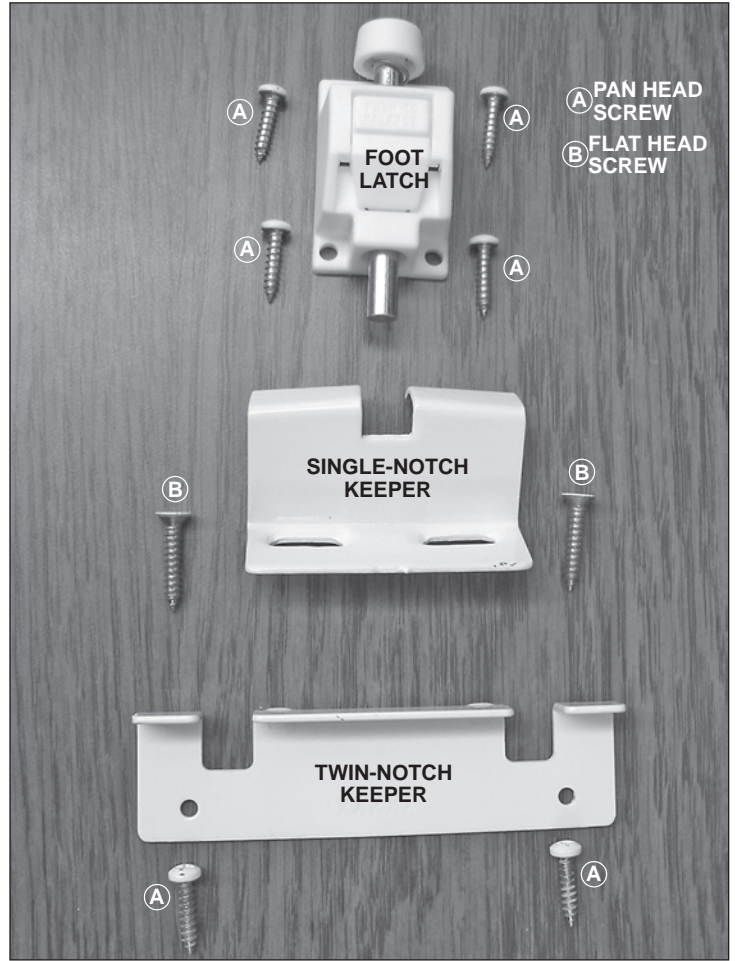
Tools and Materials Needed for Foot Latch Installation

- Foot latch installation packet
- Accurate tape measure
- Power screw driver with a #2 Phillips bit
- Double stick or masking tape
- Soft lead pencil
- 7/64" Drill bit
- Electric drill

WARNING

Improper use of hand and power tools could result in personal injury and/or product damage. Follow equipment manufacturers' instructions for safe operation. Always wear safety glasses.

FIGURE 2



The foot latch latch packet (**FIGURE 2**) contains:

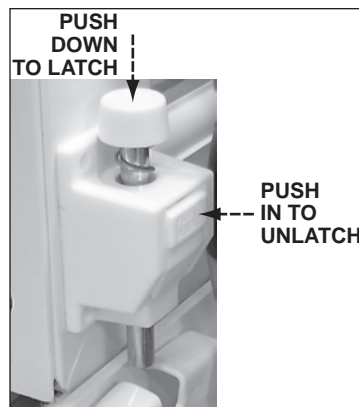
- A • 6 – #8 Phillips Pan Head Screws
- B • 2 – #8 Phillips Flat Head Screws
- 1 – Foot Latch
- 1 – Single-Notch Keeper
- 1 – Twin-Notch Keeper

When installed, both keepers allow the active door to be held fully closed or partially open.

The single-notch keeper can be positioned toward the the inactive door so one edge will hold the door completely closed. The keeper's single notch can then be used to securely hold the door open about an inch. See Page 2, Step 4 and 4a.

The twin-notch keeper allows the active door to be held fully closed, or open a few inches, depending on which notch the foot latch bolt is inserted into.

FOOT LATCH OPERATION



To Latch:

Push down on top of foot latch bolt until it latches in the fully extended position.

To Unlatch:

Push button on front of foot latch to release the bolt.

Single-Notch Keeper Installation

1. Close and latch active panel.
2. Apply double-stick tape to the back of the foot latch.
3. From the interior, place foot latch against active panel middle stile so the side is flush with the seam in the door stile (FIGURE 1). Press so double-stick tape holds latch in place or use masking tape.
4. For door closed security only, place keeper on the floor so the keeper's notch is directly below the foot latch bolt (FIGURE 2).

OR

- 4a. For door open and closed security, move the keeper toward the inactive panel (FIGURE 2A). The keeper's edge will hold the extended foot latch bolt and active panel in the closed position. The keeper's single notch can be used to hold the door securely open about an inch.

If applying keeper to finished flooring, see next column for important notes.

5. Screw keeper to sub floor at the chosen location using the flat head screws provided (FIGURE 2).
6. After the keeper is screwed in place, adjust the foot latch so it is 3/4" above the keeper (FIGURE 3). Keep side of the foot latch in position against the seam as shown in (FIGURE 1).
7. Use the mounting holes in foot latch as a guide. Drill a 7/64" pilot hole in the door stile at each mounting hole.
8. Screw foot latch to door stile with four (4) Phillips pan head screws (FIGURE 4).

FIGURE 1

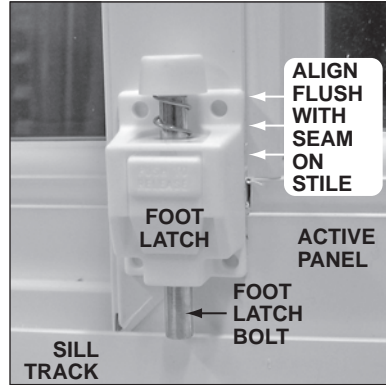


FIGURE 2



FIGURE 2A

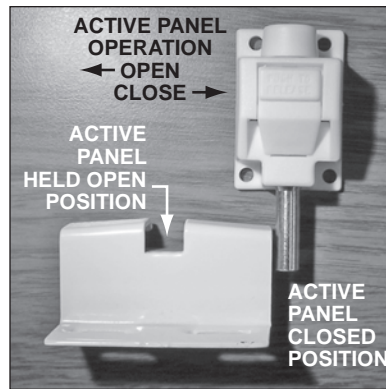
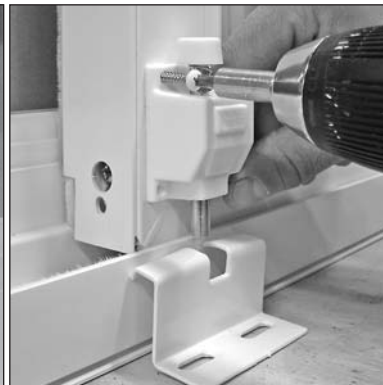


FIGURE 3



FIGURE 4



Finished Floor Application

9. **NOTE:** When applying the single-notch keeper to a finished floor, 1/2" clearance must be provided between the keeper's vertical leg and the door sill track to keep active door from rubbing on keeper (FIGURE 5).
10. Once the 1/2" clearance location is established, screw keeper to finished floor with flat head screws.
11. Locate foot latch 3/4" above keeper (FIGURE 6).
12. Use the mounting holes in foot latch as a guide. Drill a 7/64" pilot hole in the door stile at each mounting hole.
13. Screw foot latch to door stile with four (4) Phillips pan head screws (FIGURE 4).

FIGURE 5

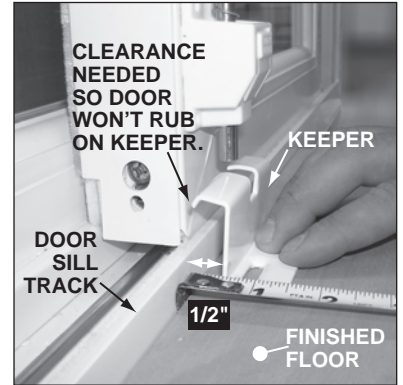
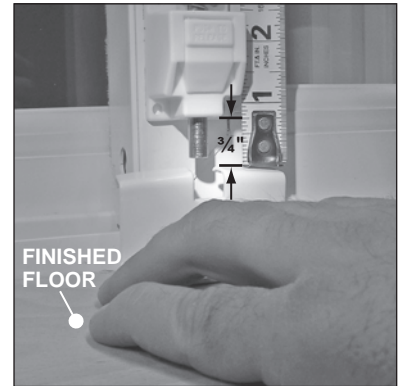


FIGURE 6

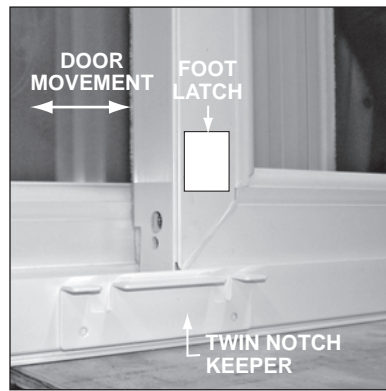


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Twin-Notch Keeper Installation

The twin-notch keeper (FIGURE 1) is attached to the interior face of the door sill track just below the stile. It allows the door to be latched closed by using one notch and latched slightly open by using the other notch.

FIGURE 1



CAUTION The Twin-Notch Keeper cannot be applied when finished flooring covers part of the sill frame face. The height of the finished floor will not allow the keeper to be fastened correctly.

Twin-Notch Keeper Installation

1. Close and latch active panel.
2. Apply double-stick tape to the back of the foot latch.
3. From the interior, place foot latch against active panel middle stile so the side is flush with the seam in the door stile (FIGURE 2). Press so double-stick tape holds latch in place or use masking tape.
4. Place keeper so one notch is directly below the foot latch bolt. The second notch must be toward the side that the door moves when it opens (FIGURE 3).
5. Use a soft lead pencil and mark the sill frame face at either end of the keeper (to establish the keeper's horizontal position).
6. Untape and remove foot latch.
7. With the twin-notch keeper aligned with the pencil marks, raise or lower keeper until the screw hole center is exactly 1-1/8" down from the top of the sill track frame (FIGURES 4 & 4A). Mark the screw hole with a soft lead pencil.

FIGURE 2

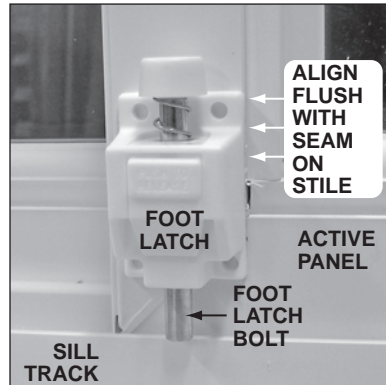


FIGURE 3

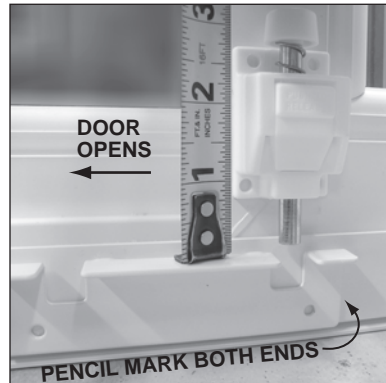


FIGURE 4

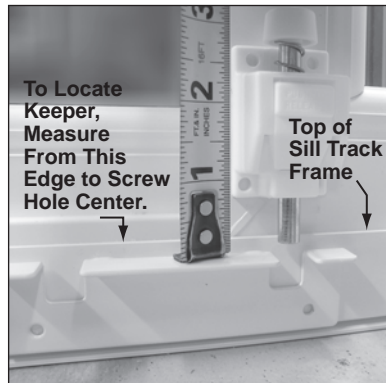
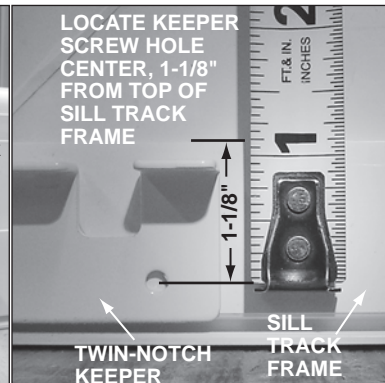


FIGURE 4A



8. The vertical position of the twin-notch keeper is critical. (FIGURE 5) shows a cutaway of the sill frame with the keeper attached. Note the screw position in relation to the sill track's internal parts.
9. While holding twin-notch keeper in place screw to front face of sill track with Phillips pan head screws. Use one in each hole on keeper (FIGURE 6).
10. After the keeper is screwed in place, adjust the foot latch vertical position so the foot latch is located 3/4" above the keeper (FIGURE 7). Keep side of the foot latch against the seam as shown in (FIGURE 2).
11. Use the mounting holes in foot latch as a guide. Drill a 7/64" pilot hole in the door stile at each mounting hole.
12. Screw foot latch to door stile with four (4) Phillips pan head screws (FIGURE 8).

FIGURE 5

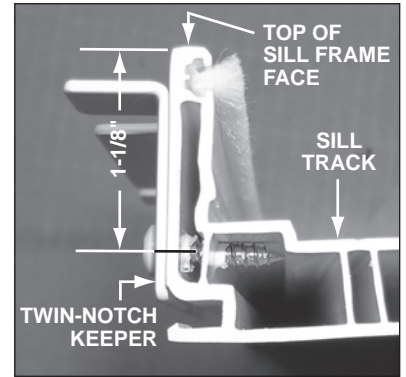


FIGURE 6



FIGURE 7



FIGURE 8

