Reachout Lock Conversion
for Andersen® 2-Panel & 4-Panel Gliding and Frenchwood® Gliding Patio Doors

Congratulations! You have just purchased one of the many fine Andersen® products. For ease of installation and continued enjoyment of your Andersen product, please read and follow this Installation Guide completely. You may direct any questions about this or other Andersen products to your local Andersen dealer. Andersen dealers can be found in the Yellow Pages under Windows.

Installer: Please leave this Installation Guide with the home owner to file for future reference. Thank you for choosing Andersen®.

This hardware will fit all Andersen® 2-Panel & 4-Panel Gliding and Frenchwood® Gliding Patio Doors.

Parts Included:

2 or 4—Panel Doors

(1) (1) Latch Lever
(solid brass or stone/white)
(1) (1) Reachout Deadlock Assembly
(2) (4) No. 10 x 1-3/4" Oval Head Screw
(brass or stone/white)
(1) Latch Receiver Assembly
(1) Latch Receiver
(1) No. 10 x 3" Flat Head Security Screw
(1) No. 8 x 5/8" Flat Head Wood Screw
(2) No. 8 x 13/16" Machine Screw
(1) 9/64" Hex Wrench
(1) (1) Installation Guide

Installation Tools Needed:

2 or 4—Panel Doors

• Drill
• 3/32" drill bit
• 1/8" drill bit
• No. 2 Phillips-head screwdriver
• Flat-bladed screwdriver (small)
• Hammer
• Chisel (small)
• Hacksaw (small)
• Safety Glasses

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**WARNING**

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

**WARNING**

Use of ladders and/or scaffolding and working at elevated levels may be hazardous. Follow equipment manufacturer’s instructions for safe operation. Use extreme caution when working around window and door openings. Personal injury and/or falls could occur.

**WARNING**

Weight of window and door unit(s) and accessories will vary. Use a reasonable number of people with sufficient strength to lift, carry and install window and door unit(s) and accessories. Always use appropriate lifting techniques.

**WARNING**

Improper installation may affect home security. To ensure proper installation, read and follow each step of this installation guide.
INSTALLATION PROCEDURE (read this before you begin installation)
Steps 1 through 3 apply to both the 2-Panel and the 4-Panel units.
Steps 4 through 8 apply to the 2-Panel unit.
Steps 9 through 13 apply only to the secondary Operating Panel of the 4-Panel unit.

1. Prepare for Installation
   - Remove the existing trim piece and Deadlock Assembly from the door panel.
   - Remove the existing Latch Receiver and Liner from the Receiver Jamb.
   - 4 Panel Doors: Remove the head stop bracket located at the center of the head and discard.

2. Install the New Reachout Deadlock Assembly
   - For 2-Panel units, insert the Reachout Deadlock Assembly, button-end down, into the routed area on the door edge. Make sure that the Reachout Deadlock Assembly is fully seated in the door and that the Button is on the bottom.
   - For 4-Panel units, insert the Reachout Deadlock Assembly, button-end down, into the routed area on the door adjacent to the astragal. Ensure that the latch is fully seated in the door and that the Button is on the bottom.

3. Attach the Locking Lever (refer to the diagrams in step number 2)
   - Insert the flat metal pin into the latch slot.
   - Fasten the Locking Lever to the door using two No. 10 x 1-3/4" oval head screws. Insert the screws through the Locking Lever holes, and tighten the screws securely.
2-Panel unit and 4-Panel unit Primary Operating Panel Installation

The following steps (4 through 8) complete the installation of the Handle and Reachout Lock for Andersen® 2-Panel Gliding and Frenchwood® Gliding Doors.

The installation procedure for the Secondary Operating Panel hardware in a 4-Panel unit is given in Steps 9 through 13.

4. Square the Operating Panels

- Square the Operating Panels to the side jamb. See the notes on Operating Panel installation in the Panel Installation Guide.
- If notes are not available, please contact your local Andersen dealer.

5. Prepare the Latch Receiver Pocket & Attach the Latch Receiver

**NOTICE**

The Latch Receiver Pocket must be extended through the Receiver Jamb in order to get a proper fit for the new Latch Receiver.

- Use a small chisel to remove excess material from the routed Latch Receiver Pocket to achieve a proper fit for the new Latch Receiver.
- Attach the Latch Receiver to the side jamb using two No. 8 x 13/16” machine screws. Snug up the Latch Receiver tight enough to still allow movement up and down for final positioning.

6. Align the Receiver Pin

**NOTICE**

- If the lower Latch Receiver screw hole fails to line up, move the Latch Receiver to its lowest possible position with the top screw still in place.
- Mark, and drill a 3/32” hole for the lower screw.
- Install a No. 8 x 5/8” flat head screw in the hole.
- Tighten both Latch Receiver screws so that the Latch Receiver is snug, but can still move up and down for final positioning.

- Align the Receiver Pin with the center line of the Lock Assembly Button on the Reachout Deadlock Assembly. Slide the Latch Receiver up or down and align the Receiver Pin by sliding the pin right or left as necessary to get the proper alignment.
- When the Latch Receiver is aligned, tighten down the Latch Receiver screws.
7. Test the Latch

- Close the door and push the Latch Lever to the vertical position. The latch should “reach out” and engage the Receiver, pulling the door panel into the Receiver Jamb.
- If the Latch Lever does not move smoothly or if it fails to reach the vertical position, check the following conditions:
  - Squareness of the Operating Panels
  - Height adjustment of the Operating Panels
  - Latch Receiver alignment (Step 6)

8. Adjust the Panel/Jamb Fit & Install Security Screw

- If necessary, the tightness of the fit of the Operating Panel into the Receiver Jamb weather strip can be adjusted. The Receiver is shipped adjusted to its out most position.
- To achieve a tighter fit, rotate the Adjustment Screw at the top of the Latch Receiver clockwise to retract, or pull-in, the Receiver. To extend the Receiver, rotate the Adjustment Screw counter-clockwise.
- When the Receiver adjustment is complete, pre-drill a 1/8” hole through the center hole in the Latch Receiver.

This completes installation of the 2-Panel unit hardware.

- If you are installing a 4-Panel unit, you have just completed installation of the Primary Operating Panel. Continue to Step 9 for instructions on installing the Secondary Operating Panel hardware.

Installing Locking Hardware in the Secondary Operating Panel in a 4-Panel unit

The following steps complete installation of the Handle and Reachout Lock for Andersen 4-Panel Frenchwood Gliding Doors.

9. Attach the Latch Receiver Assembly

- Remove the existing Latch Receiver Assembly and Cover Plate.

\[\text{CAUTION}\]

Use shims directly behind where the Latch Receiver is attached to prevent bowing of the Receiver Jamb. Install the No. 10 - 3” flat head security screw and tighten securely.

- Astragal routed area must match the panel routed area to accept the Reachout Lock Assembly.
- Use a small hacksaw to cut around the additional area to be removed from the Astragal.
- Then use a chisel to remove the sawed piece to ensure that the Astragal and the panel routed areas now match.

- Attach the Latch Receiver Assembly to the Secondary Operating Panel. Install two No. 10 x 1-3/4 oval head screws through the cover plate and tighten.
10. Square the Operating Panels

- Square the Operating Panels to each other by following the notes on Operating Panel installation in the Panel Installation Guide.

11. Align the Receiver Pin

- Snug up the screws so that the Latch Receiver Assembly is tight enough to still allow movement up and down within the routed area for final positioning.
- Slide the Latch Receiver Assembly up or down to align the Receiver Pin with the center line of the Lock Button.
- When the Receiver Pin is aligned, tighten the adjustment cap screws with the 9/64" Hex wrench (provided).

12. Test the Latch

- Close the door and push the Latch Lever to the vertical position. The latch should “reach out” and engage the Receiver, pulling the door panel into the astragal.
- If the Latch Lever does not move smoothly or if it fails to reach the vertical position, check the following conditions:
  - Squareness of the Operating Panels
  - Height adjustment of the Operating Panels
  - Receiver alignment (Step 11)

13. Adjust the Panel/Astragal Fit

- If necessary, the tightness of the fit of the Operating Panel into the Astragal weather strip can be adjusted. The Receiver is shipped adjusted to its out most position.
- To achieve a tighter fit, rotate the Adjustment Screw at the top of the Latch Receiver clockwise to retract, or pull-in, the Receiver. To extend the Receiver, rotate the Adjustment Screw counter-clockwise.
Brass Hardware Care and Maintenance
for Andersen® Brass Hardware

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General Information

Your Andersen® Brass Hardware has been manufactured of high quality solid brass with a clear coat applied for protection and durability. Brass, like other fine metals requires periodic attention to maintain its beauty and characteristics. Climate, location and exposure to corrosive environments such as industrial areas, pesticides, herbicides or salts are contributing factors in your ability to maintain the Brass Hardware’s beauty and characteristics. Clean and wax Brass Hardware as needed. Refurbish if necessary.

Cleaning

• Wash Brass Hardware using a mild detergent and a soft cloth. Avoid abrasive cleaners, cloths or brushes.
• Apply a Non-Abrasive paste wax (Johnson or Turtle Wax) following manufacturer’s directions to protect and restore Brass Hardware’s luster.

CAUTION

Do not apply harsh chemicals and cleaners such as Hydrogen Chloride, Sodium Hyperchlorite, and Hydroxyacetic Sulfanacide to Brass Hardware. Clear coat damage could occur.

Refurbishing

If the Brass Hardware’s clear coat has been scratched or worn off, the brass will tarnish. This will appear as a brown, black, green or copper colored film. If tarnish has formed it will be necessary to remove the clear coat and refurbish the brass. Consult a refinishing professional or follow directions below. If one piece is to be refurbished it is recommended that entire set be done. There is a noticeable difference in coated and uncoated pieces.

• Remove Brass Hardware from unit. Refer to mounting instructions included with Hardware or consult your Andersen® Dealer.
• Remove clear coat from Hardware using a paint stripper containing methylene chloride (Stripez, Zip Strip) following manufacturers directions. Remove Hardware from stripping solution and rub lightly with #00 steel or bronze wool to remove any remaining clear coat or tarnished areas. Rinse Hardware and continue to lightly rub until brass color returns.
• When the clear coat and tarnish has been completely removed, clean the Hardware using a copper cleaner. (Tarni-Shield, Brasso or Copperbrite) following manufacturers directions.
• Reapply the optional clear coat using a clear lacquer spray. Reapplication of the clear coat is not recommended in corrosive environments as tarnish could appear under the clear coat. It is recommended in these environments the Hardware be cleaned as needed.
• Reassemble and reinstall Hardware on unit following the mounting instructions.

NOTICE

Refurbishing antique brass hardware will result in a lightening of the finish.

WARNING

Stripping and cleaning compounds may contain harsh chemicals. Follow safety precautions listed on products.