

VeriLock® Security Sensor User's Guide



for A-Series and 400 Series Windows and Patio Doors, 200 Series Patio Doors
and Renewal by Andersen® Windows

(Includes Sensor Model Numbers: 0106512, 0112785, 0112786, 0113412, 0113696, 0113697,
0114371, 0114372, 0115209 and 0116149)

INSTALLER: Please leave this guide with the building owner to file for future reference.

Andersen® VeriLock® security sensors are an innovative security option that integrates wireless security sensors into A-Series, 400 Series and Renewal by Andersen® windows and A-Series, 400 Series and 200 Series patio doors. The sensors, when applied to our windows and patio doors, can detect when the product is open or closed and locked or unlocked when properly configured and maintained with a professionally installed security system and/or self-monitoring system compatible with Honeywell® 5800 controls. VeriLock sensors can be monitored even when you're not at home. This enables a simplified "check the windows and doors routine" at bedtime or departure.

With VeriLock sensors, the beauty of Andersen and Renewal by Andersen products is maintained without unsightly wires, sensors or holes. Plus, the product limited warranty is maintained. Generally, third party security systems can void the manufacturer's warranty with the installation of sensors and wires on windows and patio doors.

When properly configured and maintained, VeriLock sensors are designed to:

- Detect whether your Andersen or Renewal by Andersen window or door is open or closed.
- Detect whether your Andersen or Renewal by Andersen window or door is locked or unlocked.
- Communicate changes in Open/Closed and Lock/Unlocked wirelessly in a format recognized by security systems.
- Monitor sensor battery level and communicate low battery state in a format recognized by security systems.
- Provide open air wireless coverage of over 500 feet.

For more instructions, visit andersenwindows.com/connect.

Andersen®

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General Safety Warnings

⚠ WARNING

Do not leave openings unattended when small children are present. Falling from an opening may result in serious injury or death.

⚠ WARNING

Follow manufacturers' instructions for hand and power tools. Always wear safety glasses. Failure to do so could result in injury, product or property damage.

Operating Instructions

How Sensors Work

Sensors are incorporated within the locking mechanisms. When properly configured and maintained, a sensor within the lock signals when the window is in the closed position. When the locking mechanism is engaged, a second signal is sent to the control panel indicating that the window or door is locked.

Locking Windows and Doors

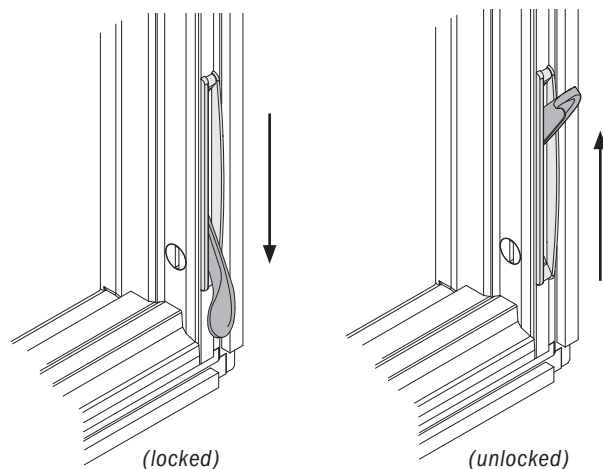
Casement, Awning Windows – To lock the window, first close the sash. Then push the sash lock handle on the side jamb(s) from the upper position to the lower position.

400 Series and Renewal by Andersen Double-Hung – To lock the window, first make sure that both window sash are in the closed position. Then rotate each lock handle clockwise.

A-Series Double-Hung – To lock the window, first make sure that both window sash are in the closed position. Then rotate the lock handle clockwise. (If unit has two locks, rotate each lock handle toward the center of the unit).

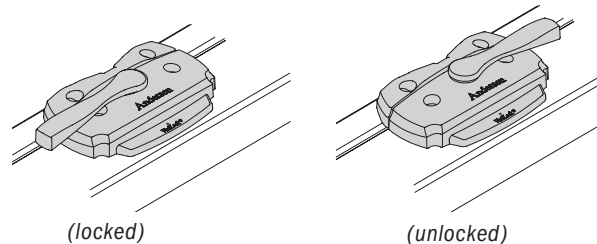
Renewal by Andersen Gliding – To lock the window, first make sure that both window sash are in the closed position. Then rotate each lock handle from the up position to the down position.

Casement and Awning Windows

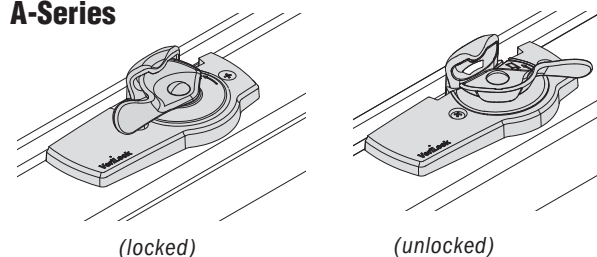


Double-Hung Windows

400 Series and Renewal by Andersen

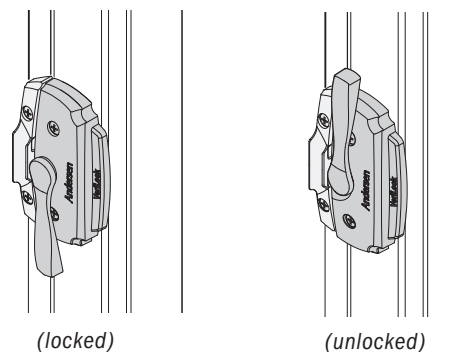


A-Series



Gliding Windows

Renewal by Andersen



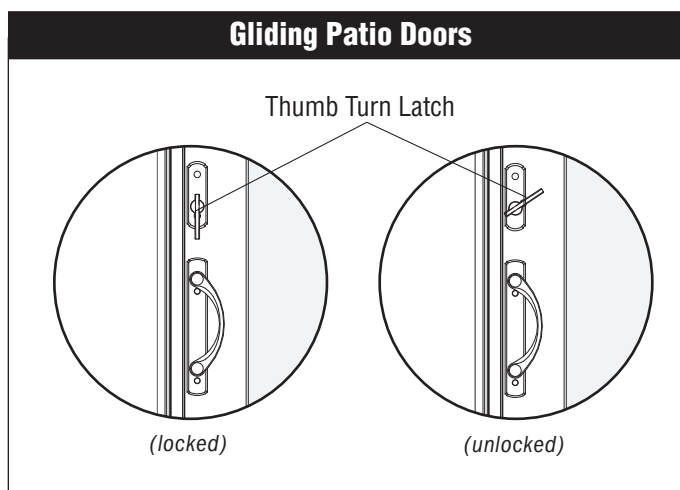
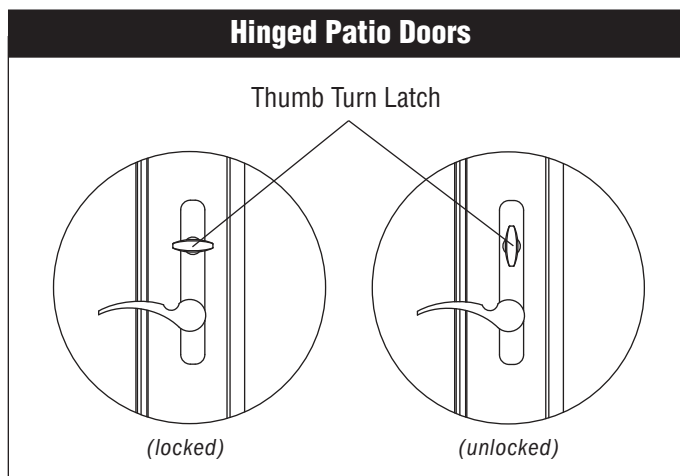
Locking Windows and Doors (Continued)

Hinged Patio Doors – To lock the patio door, first move the door panel to the closed position, lift door handle and allow the multi-point locking mechanism to engage at top, middle and bottom. Then turn the thumb turn latch to the horizontal position.

Gliding Patio Doors – To lock the patio door, first slide the door panel to the closed position. Then turn the thumb turn latch to the vertical position.

Keypad and Control Panel

For details regarding operation and limitations of your security system, please refer to the User's Guide included with your compatible security system.



Magnet Information

Foreign magnets near the VeriLock sensors can cause false readings. Keep magnets not intended for use with VeriLock away from sensors.

⚠ WARNING

Magnetic field can be harmful to implanted medical device wearers. Keep magnets away from devices.

⚠ WARNING

Magnets are small parts and, if swallowed, could pose a choking hazard to young children.

Battery Information

Battery Type:

Lithium Coin Cell Battery

Battery Size and Quantity:

For 400 Series & A-Series Casement and Awning Window: CR-2025 (1 per window)

For Renewal by Andersen Casement and Awning Window: CR-2032 (1 per window)

For Double-Hung Window: CR-2025 (1 per window)

For Renewal by Andersen Gliding Window: CR-2025 (1 per window)

For Hinged Patio Door: CR-2032 (2 per door)

For Gliding Patio Door: CR-2032 (1 per door)

Battery Specifications:

Size: CR2025

Classification: Lithium Coin Cell

Chemical System: Lithium/Manganese Dioxide (Li/MnO₂)

Nominal Voltage: 3.0 Volts

Typical Capacity: 165 mAh (to 2.0 volts)

Size: CR2032

Classification: Lithium Coin Cell

Chemical System: Lithium/Manganese Dioxide (Li/MnO₂)

Nominal Voltage: 3.0 Volts

Typical Capacity: 240 mAh (to 2.0 volts)

Battery Availability:

3.0 Volt lithium batteries are readily available at most department, hardware or drug stores in a variety of brands.

Battery Life:

Most 3.0 Volt lithium batteries will provide years of operation. Actual battery life is dependent upon the environment in which the sensor is used and the number of signals the sensor has had to send. Other factors such as humidity, temperature extremes or large fluctuations, may all lead to reduction of battery life. Batteries are not included in the coverage provided by the limited warranty for VeriLock® security sensors.

⚠ WARNING

Batteries carry the risk of fire, explosion and burns. Do not recharge, disassemble, heat above 212 degrees F (100 degrees C) or incinerate. Dispose of used batteries promptly and properly. Keep away from children.

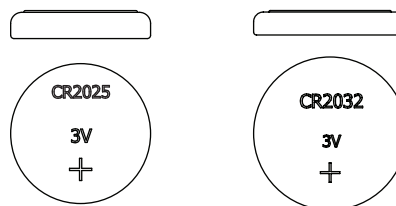
⚠ WARNING

Batteries are small parts and, if swallowed, could pose a choking hazard to young children.

CAUTION

When replacing the battery, do not touch any of the circuitry on the sensor. Static from your body could damage the sensor.

Lithium Coin Cell Batteries



Battery Disposal:

Lithium/Manganese Dioxide batteries are United States Resource Conservation and Recovery Act (RCRA) non-hazardous waste. However, it's always a best practice to dispose of your batteries at your local Home Chemical Collection Center.

California Only: Perchlorate Material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

Battery Replacement Instructions

When a low battery is detected in a wireless sensor, a low battery message will display on your keypad when properly configured with your security system. This message is sent 30 days prior to the battery being depleted.

Tools Needed for Battery Replacement:

The tools needed are dependent upon the product in which the batteries are being replaced.

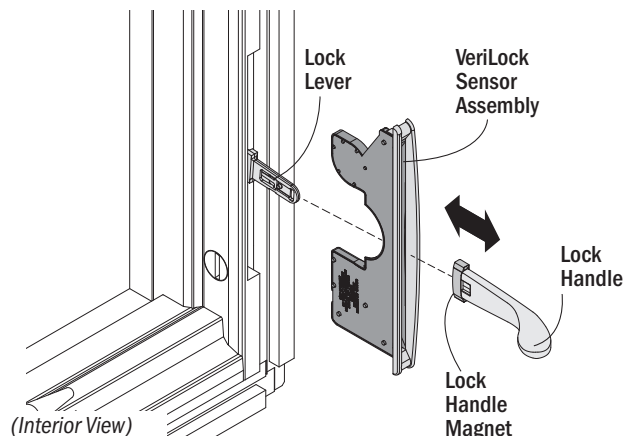
- Safety glasses • Flashlight
- Small flat blade screwdriver

Battery Replacement Instructions - continued

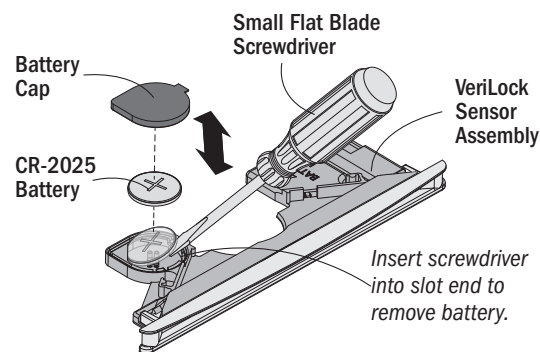
400 Series & A-Series Casement and Awning Windows

1. Move the window lock handle to the center position. The sash can be open or closed.
2. Remove the lock handle with magnet.
3. Remove the VeriLock sensor assembly using a small thin blade putty knife, taking care not to scratch the wood or VeriLock sensor assembly (VeriLock sensor assembly is located on the left-hand lock for awning windows - as viewed from the interior). Remove the VeriLock sensor assembly straight backwards being careful not to damage the sensor.
4. Carefully remove the battery cap.
5. Remove discharged battery from the VeriLock sensor assembly using a small flat blade screwdriver to carefully pry the battery from the terminal. (see battery disposal information on page 5).
6. Replace the battery with (1) one fresh CR-2025 lithium coin cell battery with the positive (+) side facing out as shown.
7. Reapply the battery cap.
8. Reinstall the VeriLock sensor assembly making sure the arrow on the face of the sensor is pointing upward. Continue to fully push the assembly in. The assembly will snap into place around the lock when properly inserted.
8. Reinstall lock handle with magnet onto lock lever by pushing handle onto lock until an audible snap can be heard.
9. Verify the proper battery polarity by observing the L.E.D. light illumination during the lock operation. If the L.E.D. does not illuminate, check to make sure Steps 6 - 8 were followed correctly and check to make sure the magnet is positioned properly around the lock handle as shown.
10. Close and lock the window unit.
11. Verify that the sensor is communicating with your security system or self-monitoring application by unlocking the window and checking for the unlocked message and then open the window and checking for the window open message.

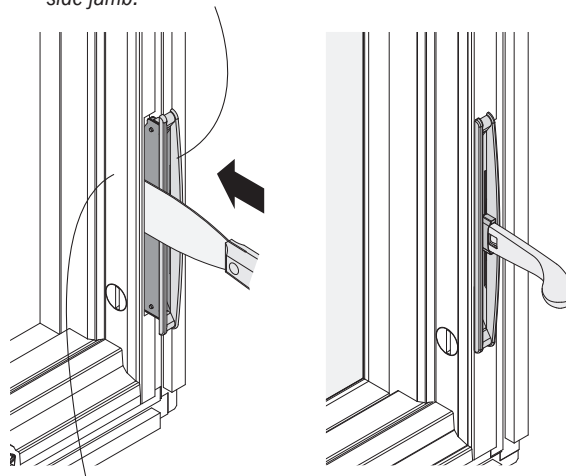
400 Series & A-Series Casement and Awning Windows



NOTE: VeriLock sensor assembly is installed on the **left** lock on awning units, as viewed from the interior.



Wider edge of VeriLock sensor assembly toward side jamb.



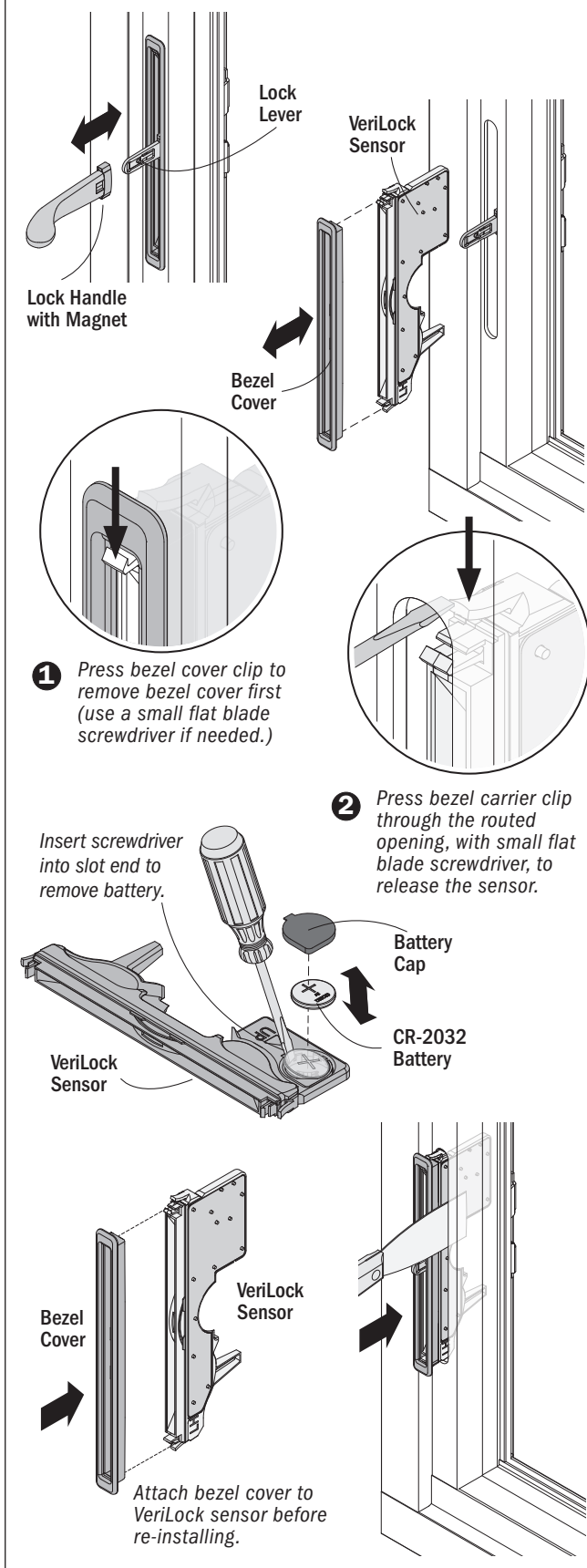
Trim Stop
Pry trim stop gently with putty knife while inserting VeriLock sensor assembly.

Battery Replacement Instructions - continued

Renewal by Andersen Casement and Awning Windows

1. Move the window lock handle on the lower lock to the center position. The sash can be open or closed.
2. Remove the lock handle with magnet.
3. Remove bezel cover first.
4. Remove the VeriLock sensor using a small flat blade screwdriver to release the clips as shown. (VeriLock sensor assembly is located on the left-hand lock for awning windows - as viewed from the interior). Remove the VeriLock sensor using a thin blade putty knife, if needed, being careful not to damage the sensor.
5. Carefully remove the battery cap.
6. Remove discharged battery from the VeriLock sensor assembly using a small flat blade screwdriver to carefully pry the battery from the terminal. (see battery disposal information on page 5).
7. Replace the battery with (1) one fresh CR-2032 lithium coin cell battery with the positive (+) side facing out as shown.
8. Reapply the battery cap.
9. Attach the bezel cover to the VeriLock sensor.
10. Reinstall the VeriLock sensor assembly making sure the arrow on the face of the sensor is pointing upward. Continue to fully push the assembly in (using a thin blade putty knife to guide into cavity if needed). The assembly will snap into place around the lock when properly inserted.
8. Reinstall lock handle with magnet onto lock lever by pushing handle onto lock until an audible snap can be heard.
9. Verify the proper battery polarity by observing the L.E.D. light illumination during the lock operation. If the L.E.D. does not illuminate, check to make sure Steps 7 - 10 were followed correctly and check to make sure the magnet is positioned properly around the lock handle as shown.
10. Close and lock the window unit.
11. Verify that the sensor is communicating with your security system or self-monitoring application by unlocking the window and checking for the unlocked message and then open the window and checking for the window open message.

Renewal by Andersen Casement and Awning Windows



Battery Replacement Instructions - continued

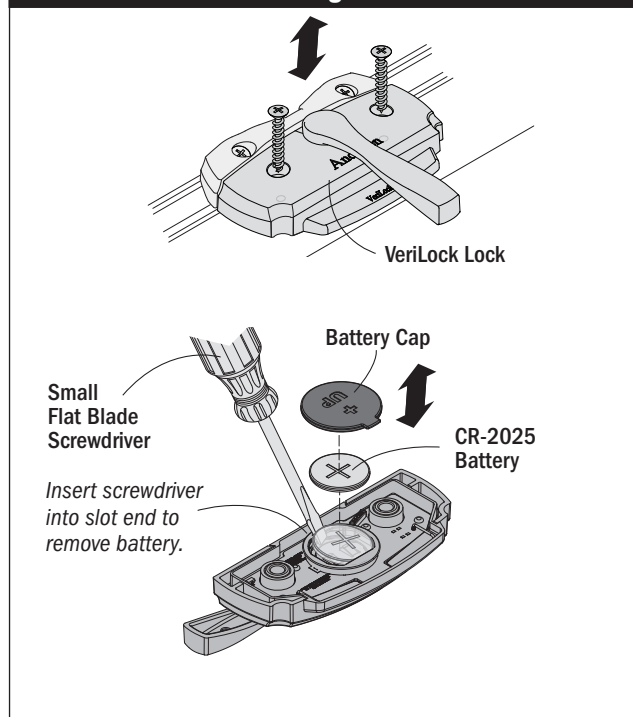
400 Series and Renewal by Andersen DB Double-Hung Windows

1. Rotate the lock handle 90 degrees from the locked position and remove both screws.
2. Rotate lock handle counterclockwise an additional 90 degrees to the full unlocked position.
3. Remove lock from sash.
4. Locate the battery compartment on the bottom of the VeriLock lock.
5. Carefully remove battery cap.
6. Remove discharged battery from the VeriLock lock using a small flat blade screwdriver to carefully pry the battery from the terminal. (see battery disposal information on page 5).
7. Replace the battery with a fresh CR-2025 lithium coin cell battery into the battery ring, with the positive (+) side facing out.
8. Reapply battery cap.
9. Reinstall VeriLock lock on the lower sash.
10. Move the upper and lower sash into the closed position and lock the unit.
11. Verify that the sensor is communicating with your security system or self-monitoring application by unlocking the window and checking for the unlocked message and then opening the window and checking for the window open message.

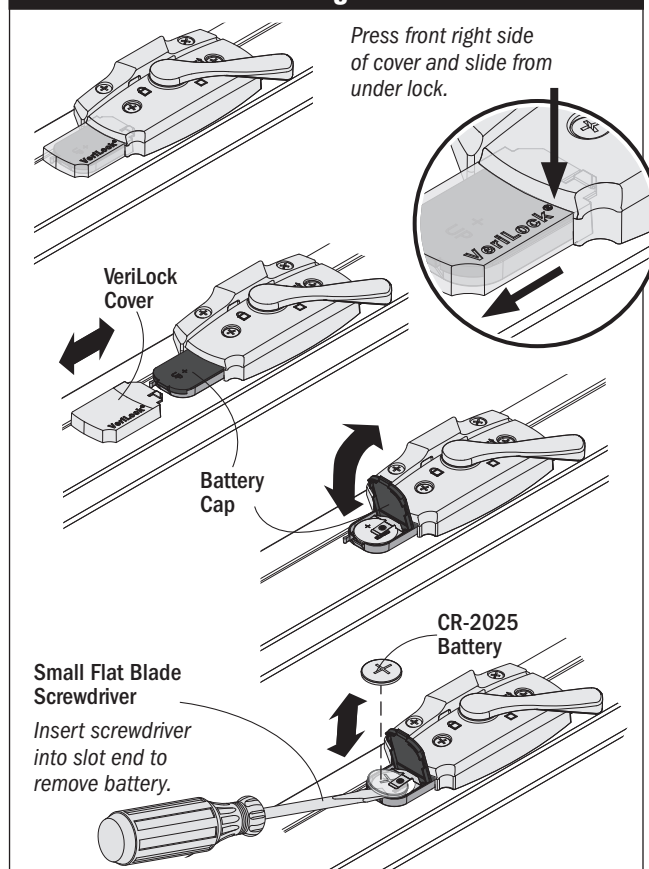
Renewal by Andersen DG Double-Hung Windows

1. Remove battery cover by pressing front right side of cover and sliding cover away from lock.
2. Carefully lift up battery cap to reveal battery.
3. Remove discharged battery from the VeriLock lock using a small flat blade screwdriver to carefully pry the battery from the terminal. (see battery disposal information on page 5).
4. Replace the battery with a fresh CR-2025 lithium coin cell battery into the battery ring, with the positive (+) side facing up.
5. Reapply battery cap.
6. Reinstall battery cover by pressing front right side of cover and sliding under lock. Assure cover is flush and fully seated.
7. Verify that the sensor is communicating with your security system or self-monitoring application by unlocking the window and checking for the unlocked message and then opening the window and checking for the window open message.

400 Series and Renewal by Andersen DB Double-Hung Windows



Renewal by Andersen DG Double-Hung Windows

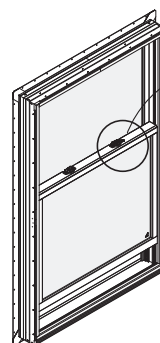


Battery Replacement Instructions - continued

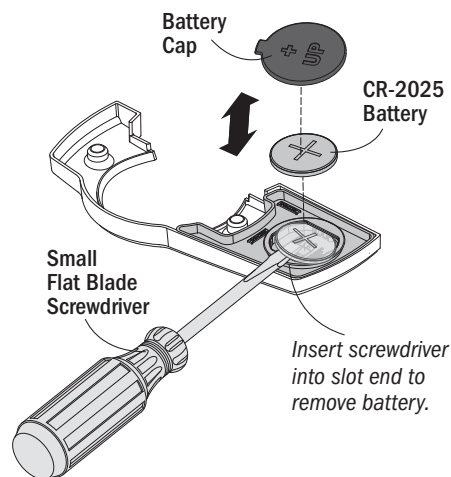
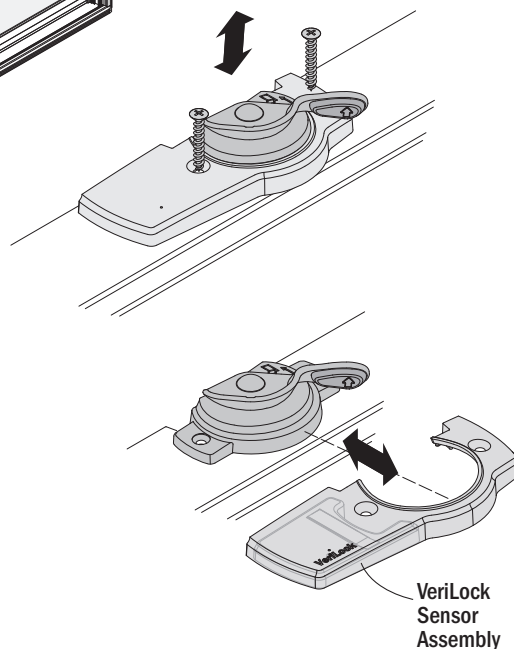
A-Series Double-Hung Windows

1. Remove both screws. Do not remove or lift lock after unscrewing.
2. Remove VeriLock sensor assembly.
3. Locate the VeriLock sensor battery compartment on the bottom of the VeriLock sensor assembly.
4. Carefully remove battery cap.
5. Remove discharged battery from the VeriLock sensor assembly using a small flat blade screwdriver to carefully pry the battery from the terminal. (see battery disposal information on page 5).
6. Replace the battery with a fresh CR-2025 lithium coin cell battery into the battery ring, with the positive (+) side facing out.
7. Reapply battery cap.
8. Reinstall VeriLock sensor assembly over sash lock.
9. Verify that the sensor is communicating with your security system or self-monitoring application by unlocking the window and checking for the unlocked message and then opening the window and checking for the window open message.

A-Series Double-Hung Windows



NOTE: VeriLock sensor assembly is installed on the **right** lock of units with two locks, as viewed from the interior.

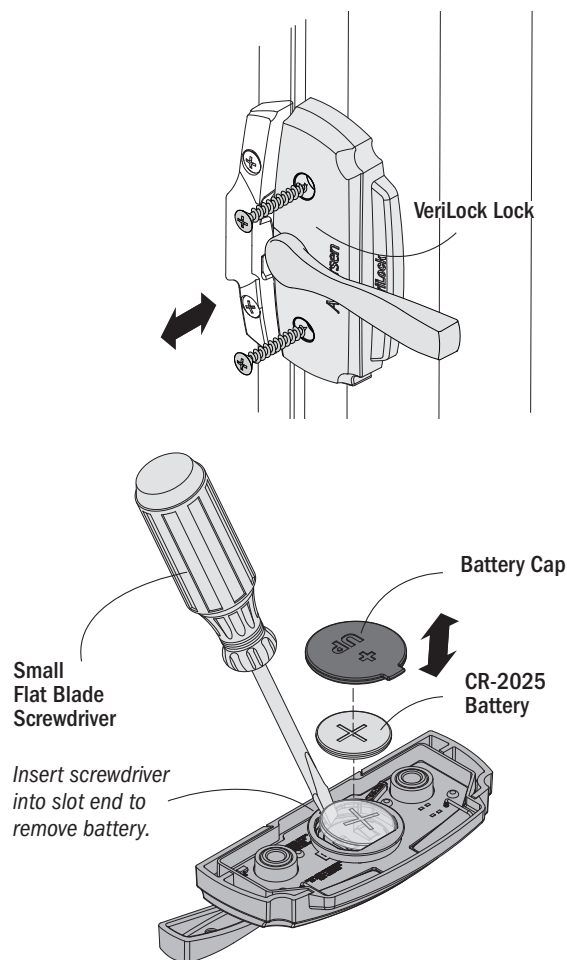


Battery Replacement Instructions - continued

Renewal by Andersen Gliding Windows

1. Rotate the lock handle 90 degrees from the locked position and remove both screws.
2. Rotate lock handle an additional 90 degrees to the full unlocked position.
3. Remove lock from sash.
4. Locate the battery compartment on the bottom of the VeriLock lock.
5. Carefully remove battery cap.
6. Remove discharged batteries from the VeriLock lock using a small flat blade screwdriver to carefully pry the batteries from the terminal. (see battery disposal information on page 5).
7. Replace the battery with a fresh CR-2025 lithium coin cell battery into the battery ring, with the positive (+) side facing out.
8. Reapply battery cap.
9. Reinstall VeriLock lock on the sash.
10. Move the sash into the closed position and lock the unit.
11. Verify that the sensor is communicating with your security system or self-monitoring application by unlocking the window and checking for the unlocked message and then opening the window and checking for the window open message.

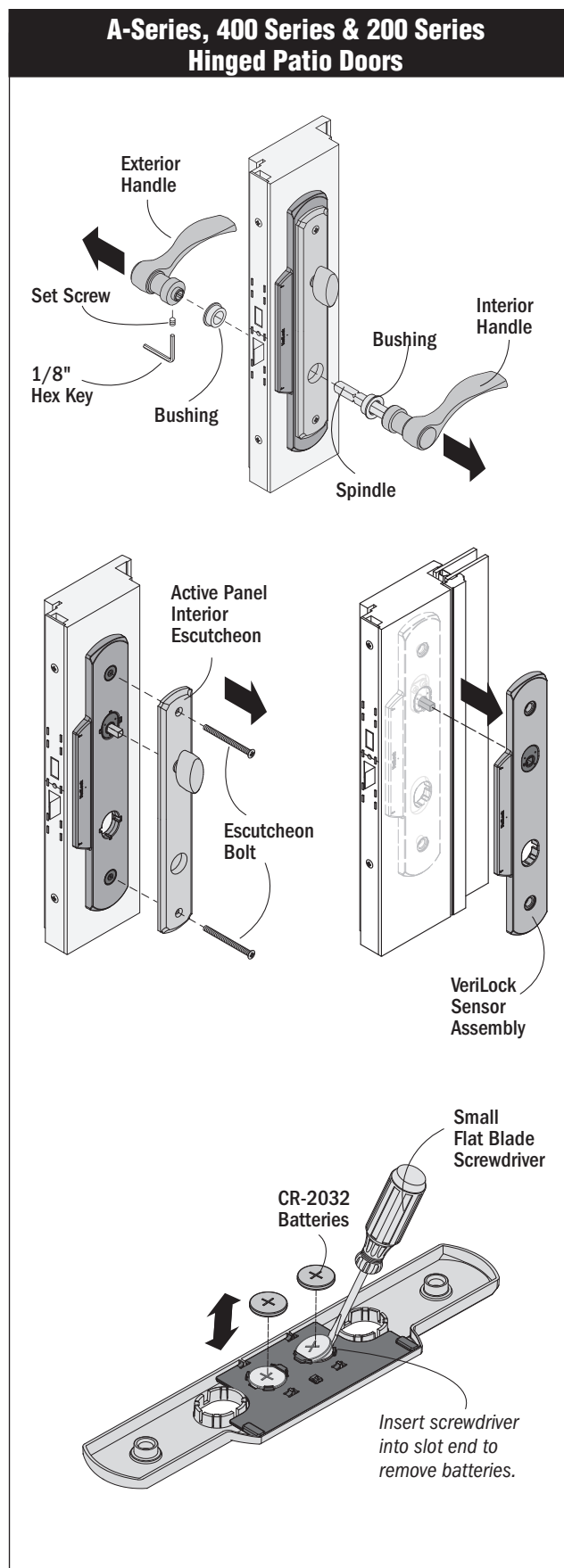
Renewal by Andersen Gliding Windows



Battery Replacement Instructions - continued

A-Series, 400 Series & 200 Series Hinged Patio Doors

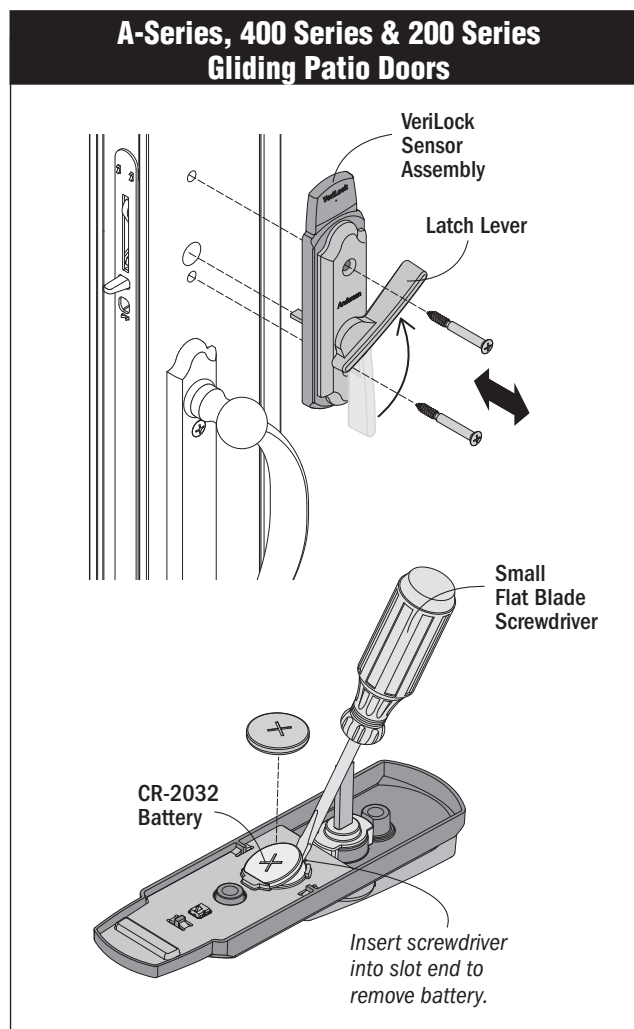
1. Unlock and open the door panel. Secure the door panel in the open position.
2. Loosen set screw on exterior handle using 1/8" hex key. Remove handles and set aside.
3. Remove interior escutcheon plate from the active door panel.
4. Remove VeriLock sensor assembly.
5. Remove discharged batteries from the VeriLock sensor assembly using a small flat blade screwdriver to carefully pry the batteries from the terminals. (see battery disposal information on page 5).
6. Replace the batteries with (2) two fresh CR-2032 lithium coin batteries, with the positive (+) side facing out as shown.
7. Position assembly on door panel.
8. Reinstall interior escutcheon plate and handles on door panel.
9. Verify that the sensor is communicating with your security system or self-monitoring application by closing the patio door and checking for the closed message and then locking the patio door and checking for the locked message.



Battery Replacement Instructions - continued

A-Series, 400 Series & 200 Series Gliding Patio Doors

1. Unlock and open the door panel.
2. Remove latch lever and VeriLock sensor assembly.
3. Remove discharged batteries from the VeriLock sensor assembly using a small flat blade screwdriver to carefully pry the batteries from the terminals. (see battery disposal information on page 5).
4. Replace the battery with a fresh CR-2032 lithium coin battery, with the positive (+) side facing out as shown.
5. Reinstall latch lever and VeriLock sensor assembly on door panel.
6. Verify that the sensor is communicating with your security system or self-monitoring application by closing the patio door and checking for the closed message and then locking the patio door and checking for the locked message.



General Care

Cleaning Hardware and Sensors

- Treat the components of your system as you would other electronic equipment. Do not slam patio doors or windows with sensors.
- Maintain the operating hardware on windows and doors. Keep operating devices, locks, keepers, sensors and other parts free of dirt and debris. Use a small, soft bristled brush or soft, clean, dry cloth for cleaning.
- After cleaning, lubrication of moving hardware parts can be done with a dry silicone spray. Do not use heavy oil lubricants that may collect corrosive particles.

CAUTION

Do not spray water or any other cleaning fluids on the sensors or batteries. Product damage may occur.

Troubleshooting

Frequently Asked Questions

Questions	Answers
1. Who do I contact for help?	1. For questions regarding your security system or monitoring services, contact your security system dealer. For questions regarding your A-Series, 400 Series windows and doors and 200 Series Doors, go to Help.AndersenWindows.com.
2. What if the VeriLock® sensors do not work?	2. Pull out the battery and make sure the battery is positioned correctly with the positive (+) side facing out. See battery replacement instructions on pages 6 - 10. If the problem still exists, contact your local security dealer or go to Help.AndersenWindows.com.
3. What if the low battery message does not clear after the battery has been replaced?	3. Operate your window or patio door locks to verify your sensors are working. If the problem still exists, contact your local security dealer or go to Help.AndersenWindows.com.

Regulatory Statements

Federal Communications Commission (FCC) Part 15 Statement

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference that may be received, including interference that may cause undesired operation.

Industry Canada (IC) RSS Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage; (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Changes or modifications not expressly approved by Andersen may void the user's authority to operate the equipment.

Limitations

VeriLock® sensors are designed to perform when properly configured and maintained with a professionally installed security system and/or self-monitoring system compatible with Honeywell 5800 controls. They do not offer guaranteed protection against burglary, fire or other emergencies. Any security system, whether commercial or residential, is subject to compromise or failure to warn for a variety of reasons. For example:

Intruders may gain access through unprotected openings or have the technical sophistication to bypass a sensor or disconnect an alarm-warning device.

Battery operated devices will not work without batteries, with dead batteries, or if the batteries are not installed properly.

Signals sent by wireless transmitters may be blocked or reflected by metal before they reach the alarm receiver. Even if the signal path has been recently checked during a weekly test, blockage can occur if a metal object is moved into the path.



Conforms to ANSI/UL Std 634
Certified to ULC Sub C634



Appendix A:

The following is a general guideline for enrolling the Verilock sensors to the control panel. Please consult the control panel manufacturer for specific panel model detailed instructions.

Recommendation: Install sensor on window or door before attempting to enroll into monitoring system.

1. Access the "Tools" or "Programming" section of the control key pad.
2. Enter the installer code to access the programming menu (this information may be manufacturer and panel model specific).
3. Select the program mode.
4. Program the zone.
 - a. Select the "zones" option.
 - b. Select the next available zone.
 - c. Access edit mode and enter the serial number ID found on the Verilock sensor.
5. Program the loop.
 - a. "1" for Open/Close
 - b. "2" for Lock/Unlock
 - Note: You cannot program the same serial number ID & Loop combination twice.
 - c. Select the "Zone Descriptor 1" field and type in a description and select "Save".
 - If the zone is Loop 1 (Open/Closed), recommend using "Open" or "Closed" for Zone Descriptor 1.
 - If the zone is Loop 2 (Lock/Unlock), recommend using "Locked" or "Unlocked" for Zone Descriptor 2.
 - d. Select the "Zone Descriptor 2" field, type in a description and select "Save".
 - This field should be used to describe the window or door: "Left Casement" or "Kitchen 1". Most key pads display 8-10 characters.
6. Program the zone type and chime.
 - a. Select the "Zone Type" field and change to either "Window" or "Door", as appropriate.
 - b. Select the "Chime" field and change to "Yes". (Optional).
7. Select "Save" to complete the programming for a zone.

Note: The above steps will need to be repeated twice for each window or door sensor to enroll both open/closed and locked/unlocked detecting.