Prepare the door and check dimensions

If drilling a new door, use the supplied template and the complete door drilling instructions available at www.kwikset.com/doorprep.

A. Measure to confirm that the hole in the door is either 2-1/8" (54 mm) or 1-1/2" (38 mm).

B. Measure to confirm that the backset is either 2-3/8" or 2-3/4" (60 or 70 mm).

C. Measure to confirm that the hole in the door edge is 1" (25 mm).

D. Measure to confirm that the door is between 1-3/8" and 2" (35 mm and 51 mm) thick.

Install the latch and strike

A. Is the door edge chiseled?

B. Hold the latch in front of the door hole, with the latch face flush against the door edge.

C. Is the D-shaped hole centered in the door hole?

D. Which latch are you installing?

E. Install strike on the door frame. Make sure the hole in the door frame is drilled a minimum of 1" (25 mm) deep.
3 Install the exterior touchscreen

A What is the diameter of the hole in the door?

- Diameter is 2-1/8" (54 mm) OR

- Diameter is 1-1/2" (38 mm)

D "D" is required for installation. Install "D" on "F".

B What is the thickness of your door?

- 1-3/8" (35 mm)
- 1-3/4" (44 mm)
- 2" (51 mm)

Use the shorter gold screws.

Use the medium silver screws.

Use the longer black screws.

C Install exterior touchscreen and mounting plate.

- Support exterior assembly during mounting plate installation.
- Route cable through center hole, then push cable into bottom hole.
- Cable goes underneath latch.

D Tighten screws seventy.

4 Install the interior assembly

A Remove battery cover and battery pack from interior assembly.

- Make sure turnpiece is in the vertical position.

B Install interior assembly onto mounting plate.

- Lay excess cable flat inside the bottom of the interior housing.

C Ensure tight cable connection.

D Install interior assembly.

5 Install the batteries and perform the door handing process

This step will teach your lock the orientation of your door and is crucial to lock operation.

A Install 4 AA batteries in battery pack.

- Ensure correct polarity.
- For best results, use non-rechargeable alkaline batteries only.

B Make sure the door is open, and insert the battery pack.

C After a few seconds, the latch bolt will retract and extend on its own to learn the orientation of the door. This is called the door handing process, and it is crucial to lock operation.

D If the touchscreen indicates a failure make sure that the cables are connected, the batteries are installed correctly, and attempt this procedure again.

If the door handing process is still unsuccessful after a second attempt, perform the "Manual Door Handing" procedure on page 4.

A Install exterior touchscreen and mounting plate.

B Support exterior assembly during mounting plate installation.

C Route cable through center hole, then push cable into bottom hole.

D Tighten screws seventy.

E Cable goes underneath latch.

F Tighten screws seventy.

G Keep parallel to edge of door.

H Rotate torque blade to test latch for smooth operation.

- If latch does not operate smoothly, adjust screws.
- Make sure latch bolt is extended when finished.

J Ensure correct polarity.

- For best results, use non-rechargeable alkaline batteries only.

K Install exterior assembly and mounting plate.

L Route cable through center hole, then push cable into bottom hole.

M Tighten screws seventy.

N Keep parallel to edge of door.

O Rotate torque blade to test latch for smooth operation.

- If latch does not operate smoothly, adjust screws.
- Make sure latch bolt is extended when finished.

P Tighten screws seventy.

Q, R, or S (2x)

- Make sure turnpiece is in the vertical position.

- Proceed with instructions.

T Actual size
6 Add the lock to your smart home system

A Initiate the process to add the lock to your system at your smart home controller. Refer to your smart home system instructions for more information.

B When prompted by your smart home system to add the lock, press button "A" on the lock interior one time. The red LED will illuminate when the lock enters Add Mode.

C If successful, re-name the lock in your system (if applicable).

D If unsuccessful, follow your system’s instructions to remove the lock from the controller and any other network, then press button "A" on the lock one time. Perform steps 6A-6C again. If still unsuccessful, consult the Programming and Troubleshooting Guide on the Obsidian page at www.kwikset.com.

7 Add user codes (30 max)

It is recommended that you add and delete all user codes through your smart home control system. If your system does not allow this, codes may be added directly to the lock as shown here.

Programming Timeout
During programming, if the screen is not pressed for 20 seconds, the system will time out (indicated by three beeps and the "X" pattern flashing three times), and you will need to restart the procedure.

A Make sure the door is open. Press the Program button once.

B Press checkmark symbol once.

C Enter user code. A total of 30 user codes may be programmed.

D Press lock symbol once.

Each user code must be a unique code between 4 and 8 digits, depending on your smart home system.

E What digits and sounds did the lock produce?

Checkmark symbol with one beep

Programming was successful.

OR

"X" pattern with three beeps

Programming was unsuccessful.

Make sure the code is not a duplicate and that it is between 4 and 8 digits during your next attempt.

Make sure the lock has room for an additional code. If all user code positions are filled, delete a code to make room for this one.

8 Test the lock (review normal operation)

Confirm that the code(s) added in previous step can unlock the door.

Activating the Screen

Option 1 Touch screen with palm or back of hand until digits illuminate.

Option 2 Touch inner left area of screen (where checkmark is located) until digits illuminate.

Option 3 Touch screen with three or more fingers until digits illuminate.

Locking the Door

1. Activate the screen.
2. Press Lock symbol.
3. If SecureScreen is enabled, touch the random digits that appear.
4. Enter user code.

Unlocking the Door

1. Activate the screen.
2. If SecureScreen is enabled, touch the random digits that appear.
3. Enter user code.

SecureScreen is an added-security feature that displays random digits before you enter a user code to unlock the door. This feature ensures that there are fingerprints on all digits so that codes cannot be identified by examining the touchscreen for fingerprints.

If desired, this feature can be disabled by turning switch #3 on the lock interior to the off position. See “Switches and Status LED Colors” on page 4.

9 Install the interior cover

Important Information about the interior cover

The window on the interior cover is locked by default to prevent someone from tampering with your lock’s settings.

If you wish to unlock the window, you can slide it up for more convenient access to the programming buttons while the cover is installed.

To unlock the window, remove the security screw.

Cover Installation

A Install cover.
B Install screws.

Note: You may need to rotate the turnpiece for align with the turnpiece shaft.

Note: The interior cover and screws must be removed for battery pack access.
**Obsidian at a Glance**

**Exterior**
- Touchscreen
- Checkmark symbol
- Emergency Power 9-Volt Port
- Back panel
- Button "A"
- Program button
- Status LED
- Switches
- Turnpiece shaft

**Interior (cover removed)**
- Lock symbol
- Status LED
- Button "B"

Note: When the cover is removed, the turnpiece shaft can be used to manually lock and unlock the door.

**System Alerts**

**Display** | **Alert** | **Reason** | **Solution**
--- | --- | --- | ---
| | | | |
| | | | |
| | | | |

**Switches and Status LED Colors**

<table>
<thead>
<tr>
<th>Switch</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Door lock status LED blinks every 6 seconds</td>
</tr>
<tr>
<td>2</td>
<td>Lock automatically re-locks door: 30 seconds after unlocking. If not, forcefully re-lock door.</td>
</tr>
<tr>
<td>3</td>
<td>Audio</td>
</tr>
<tr>
<td>4</td>
<td>SecureScreen feature displays random digits to be pressed before entering user code. This added security feature ensures that there are fingerprints on all digits so that codes cannot be identified by examining the touchscreen for fingerprints.</td>
</tr>
</tbody>
</table>

**Deleting a single user code**

Note: All codes may be deleted at once if the mastercode is enabled. For more information about the mastercode, consult the online Programming and Troubleshooting Guide.

1. Keep door open.
2. Press Program button once.
3. Press Lock symbol once.
4. Enter user code to be deleted.
5. Press Lock symbol once.
6. Re-enter user code.
7. Press Lock symbol once.

If unsuccessful, make sure to enter the same valid code in steps 4 and 5.

**Network Information**

**Removing the lock from the network**

Follow your smart home system’s instructions to remove the lock from the network. When prompted by the system, press button 4 on the lock interior once.

**Z-Wave System Notes**

This product is a security enabled Z-Wave Plus product and must be used with a Security Enabled Z-Wave controller to be fully utilized. If yours is a "Wireless mesh network," and results may vary based on building construction and communication path.

To ensure interoperability, each Z-Wave product must pass a stringent conformance test to assure that it meets the Z-Wave standard for complete compliance with all other devices and controls. The Z-Wave Identify mark assures consumers, integrators, dealers and manufacturers that their products will reliably perform with any other Z-Wave device. And, regardless of the manufacturer, all connected nodes may act as a repeater for Kwikset/Worse/Ballhorn products.

Z-Wave Configuration and Association Parameters are available on the Obsidian page at www.kwikset.com.

**Manual Door HANDING**

If needed, the door handling process can be initiated manually. This is useful if the lock is being moved to a different door.

1. Remove battery pack.
2. Press and HOLD the Program button while reinserting the battery pack. Release battery pack when battery pack is installed. The status LED will flash red and green.
3. Press the Program button once more. The status LED will flash green and red several times.
4. The latch bolt will extend and retract to learn the orientation of the door.

**Factory Reset**

A factory reset will delete all codes associated with the lock, and it will remove it from your smart home system.

1. Remove battery pack.
2. Press and HOLD the Program button while reinserting the battery pack. Keep holding the button for 30 seconds until the lock depresses and the status LED flashes red.
3. Press the Program button once more. The status LED will flash green and red several times.
4. After a few seconds, the lock will initiate the door handing process, and the latch bolt will extend and retract to learn the orientation of the door.

**Important Safeguards**

1. Read all instructions in their entirety.
2. Familiarize yourself with all warning and caution statements.
3. Ruin all family members of safety precautions.
4. Protect your user codes and mastercode.
5. Dispose of used batteries according to local laws and regulations.

**Low Battery**

If the 9-Volt alkaline battery is too low to operate the lock, use a 9-Volt Alkaline battery to temporarily power the touchscreen.

Make sure both terminals on the 9-Volt battery touch the terminals at the bottom of the touchscreen. Hold the 9-Volt battery pack.

**Network Information**

**Removing the lock from the network**

Follow your smart home system’s instructions to remove the lock from the network. When prompted by the system, press button 4 on the lock interior once.

**Z-Wave System Notes**

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**Network Information**

**Removing the lock from the network**

Follow your smart home system’s instructions to remove the lock from the network. When prompted by the system, press button 4 on the lock interior once.

**Z-Wave System Notes**

This product is a security enabled Z-Wave Plus product and must be used with a Security Enabled Z-Wave controller to be fully utilized. If yours is a "Wireless mesh network," and results may vary based on building construction and communication path.

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Z-Wave Configuration and Association Parameters are available on the Obsidian page at www.kwikset.com.

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