**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 2-9/16” (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.

Note: Additional door preparation may be required for doors with 1-1/2” (38 mm) holes. Consult the deadbolt drilling instructions at www.kwikset.com/doorprep.

**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.

**D** Which latch are you installing?

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

**E** Install strike on the door frame.

- **YES** D-shaped hole
  - No adjustment is required. Proceed to next step.
- **NO** D-shaped hole
  - Rotate latch face as shown to extend latch.

- **Latch “A”**
  - K or L (2x)
  - Install strike on the door frame.
  - Make sure the hole in the door frame is drilled a minimum of 1” (25 mm) deep.

- **Latch “B”**
  - Wooden block
  - Install closest to the door jamb.

Additional tools depending on application:

- Ruler
- AA Batteries
- Phillips head screwdriver
- Hammer
- Wood block

**Parts in the box**

- **Latch**
- **Interior Assembly**
- **Exterior Touchscreen**

- **Fasteners**
  - K or L (2x)
  - M (2x)
  - N (2x)
  - Q (0.98” x 55 mm)
  - R (0.98” x 44 mm)
  - S (2.60” x 94.5 mm)
  - T (2.41” x 75 mm)
  - U (2.60” x 94.5 mm)

**Additional tools**

- Wood block
- Phillips head screwdriver
- AA Batteries
- Ruler

**Technical Support**

- Kwikset Technical Support
  - 1-800-327-5625
  - www.kwikset.com
**3 Install the exterior touchscreen**

**A** What is the thickness of your door?

- Diameter is 2-1/8" (54 mm)
- Diameter is 1-1/2" (38 mm)
- Diameter is 1-3/8" (35 mm)
- Diameter is 1-3/4" (44 mm)
- Diameter is 2" (51 mm)

- Use the shorter gold screws.
- Use the medium silver screws.
- Use the longer black screws.

**B** What is the diameter of the hole in the door?

- Diameter is 2-1/8" (54 mm)
- Diameter is 1-1/2" (38 mm)
- Diameter is 1-3/8" (35 mm)
- Diameter is 1-3/4" (44 mm)
- Diameter is 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.
- Tighten screws evenly.

- Rotate torque blade to test latch for smooth operation.
- If latch does not operate smoothly, adjust screws.

**4 Install the interior assembly**

**A** Remove battery cover and battery pack from interior assembly.

- Make sure turnpiece is in the vertical position.

- Do not install batteries until step 5.

**B** Install interior assembly onto mounting plate.

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

**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 new, 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.
Add user codes (16 max)

Programmer 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 16 user codes may be programmed.
D. Press lock symbol once.

Each user code must be a unique code between 4 and 8 digits.

What digits and sounds did the lock produce?

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

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

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

Checkmark symbol with one beep

“X” pattern with three beeps

Programming was successful.

Programming was unsuccessful.

Make sure the user 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.

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 lower 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.

Unlocking the Door

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

SecureScreen™

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.

Each user code must be a unique code between 4 and 8 digits.

If you press the wrong digit while entering a user code, you can press the Lock symbol once to clear the digits entered previously and immediately restart the code entry process.

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

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

Install cover:

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

Install screws:

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

**Interior (cover removed)**
- Status LED
- Lock symbol
- Program button
- Switches
- Back panel
- Tum piece shaft

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

**System Alerts**

<table>
<thead>
<tr>
<th>Display</th>
<th>Alert</th>
<th>Reason</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="alert_icon.png" alt="Alert Icon" /></td>
<td>“X” pattern flashes once time with one beep</td>
<td>One incorrect code entered</td>
<td>Re-enter code.</td>
</tr>
<tr>
<td><img src="alert_icon.png" alt="Alert Icon" /></td>
<td>“X” pattern flashes three times with three beeps</td>
<td>No user code programmed</td>
<td>Program at least one user code.</td>
</tr>
<tr>
<td><img src="alert_icon.png" alt="Alert Icon" /></td>
<td>Programming timeout after 20 seconds</td>
<td>Programming timeout after 20 seconds</td>
<td>Attempt programming procedure again.</td>
</tr>
<tr>
<td><img src="alert_icon.png" alt="Alert Icon" /></td>
<td>Three incorrect codes entered within one minute</td>
<td>Three incorrect codes entered within one minute</td>
<td>Re-enter code after 60 second time-out.</td>
</tr>
<tr>
<td><img src="alert_icon.png" alt="Alert Icon" /></td>
<td>Blinking amber</td>
<td>Low battery</td>
<td>Replace batteries.</td>
</tr>
<tr>
<td><img src="alert_icon.png" alt="Alert Icon" /></td>
<td>Blinking green</td>
<td>Unlocked</td>
<td>Unlock.</td>
</tr>
<tr>
<td><img src="alert_icon.png" alt="Alert Icon" /></td>
<td>Blinking red</td>
<td>Low battery</td>
<td>Low battery.</td>
</tr>
</tbody>
</table>

**Switches and Status LED Colors**

<table>
<thead>
<tr>
<th>Switch</th>
<th>Function</th>
<th>Color</th>
<th>Lock Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Door lock status LED blinks every 6 seconds</td>
<td>Blinking green</td>
<td>Unlocked</td>
</tr>
<tr>
<td>2</td>
<td>Lock automatically re-locks door 30 seconds after unlocking. Switches if no codes are programmed.</td>
<td>Blinking amber</td>
<td>Locked</td>
</tr>
<tr>
<td>3</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>
<td>Blinking red</td>
<td>Low battery</td>
</tr>
<tr>
<td>4</td>
<td>Status LED</td>
<td></td>
<td></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. Remove battery pack.
2. Press and HOLD the Program button while reinserting the battery pack. Releases battery once battery pack is installed. The status LED will flash red and green.
3. Press the Program button once more.
4. The latch bolt will un latch and retract to learn the orientation of the door.

**Low Battery**

If the AA batteries are 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 in place while entering your user code to unlock the door. Continue holding the 9-Volt in position until the Checkmark symbol illuminates and the door unlocks.

Note: If you remove the battery before the Checkmark symbol illuminates, you will need to re-enter your user code.

**Reference Guide**

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