**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.

1. **A** Measure to confirm that the hole in the door is either 2-3/8" (54 mm) or 1-3/4" (43 mm).
2. **B** Measure to confirm that the backset is either 2-3/8" or 2-3/4" (60 or 70 mm).
3. **C** Measure to confirm that the hole in the door edge is 1" (25 mm).
4. **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 1-3/4" (43 mm) holes. Consult the deadbolt drilling instructions at www.kwikset.com/doorprep.

**Install the latch and strike**

1. **A** Is the door edge chiseled?
   - **YES** (No chiseled)
     - Use latch "A" if the latch bolt is not already extended, extend the latch bolt as shown.
   - **NO** (No extended)
     - Use latch "B" if not included. If the latch bolt is not already extended, extend the latch bolt as shown.
2. **B** Hold the latch in front of the door hole, with the latch face flush against the door edge.
3. **C** Is the D-shaped hole centered in the door hole?
   - **YES** (No adjustment is needed)
     - Proceed to next step.
   - **NO** (D-shaped hole)
     - Retrace latch to ensure it is centered, or drill into latch for proper fit.
4. **D** Which latch are you installing?
   - **Latch "A"**
   - **Latch "B"**

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

- **A** Make sure the hole in the door frame is drilled a minimum of 1" (25 mm) deep.
3 Install the exterior keypad

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)

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

'D' is not needed for installation. Discard 'D'.

B Locate screws for step C and keep them within reach.

C Install exterior keypad and mounting plate.

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

Insert key and test latch. If latch does not extend or retracted correctly, adjust screw (T).

Remove key when finished and make sure the latch bolt is fully extended.

4 Install the interior assembly

A Remove battery cover and battery pack from interior assembly.

If the tumblers are pointing down (as shown above), install the tumblers "180" clockwise until you hear it click.

You may need to apply some force.

B Install interior assembly onto mounting plate.

Ensure tight cable connection.

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

C Make sure tumblers match as shown.

Avoid situation shown.

Correct.

Incorrect.

D Do not install batteries until step 5.

L (2x)
5 Set locking and unlocking direction

CAUTION: Your lock will not function properly if this step is not completed. 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.
B. Make sure the door is open and the latch is extended.
C. Press and hold the Lock button. Do not release.
D. Insert the battery pack and continue holding the Lock button.
E. The latch bolt will retract and extend to learn the locking and unlocking direction of the door.

6 Add user codes (16 max)

Programming Timeout
During programming, if no button is pressed for 5 seconds, the system will time out (indicated by three beeps and a red flashing keypad), and you will need to restart the procedure.

A. Make sure the door is open. Press the Program button once.
B. Enter user code. A total of 16 user codes may be programmed.
C. Press Lock button once.
D. What lights and sounds does the lock produce?

Mastercode
For enhanced security, a mastercode may be used when adding and deleting user codes. For more information about the mastercode, download the Programming and Troubleshooting Guide on the SmartCode 903 page at www.feiss.com.

7 Test the lock (review normal operation)

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

8 Install the interior cover

Important Information about the interior cover

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

For easy access to the battery pack, unlock the window by removing the security screw.

You can now slide up the window for more convenient access to the programming buttons and the battery pack while the cover is installed.

Cover Installation

A. Install cover.
B. Install screws.

Note: You may need to insert the template piece to align with the template shaft.

Battery Pack Access

A. If the window is cracked, slide up the window to access the battery pack.
B. If the window is locked, remove the interior cover and screws to access the battery pack.
**SmartCode at a Glance**

**Exterior**
- Keypad
- SmartKey tool hole
- Lock button
- Status LED

**Interior (cover removed)**
- Back panel
- Program button
- Status LED
- Turnpiece shaft

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

**Re-key the lock (if needed)**

1. **IMPORTANT:** Remove battery pack before rekeying.
2. Read the lock to work with your existing key. See the supplied SmartKey Rekey Instructions for more information.
3. Install new battery pack.

**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 unlocks door 30 seconds after unloading. Disabled if no codes are programmed.</td>
</tr>
<tr>
<td>3</td>
<td>Anti-</td>
</tr>
<tr>
<td>4</td>
<td>Not used</td>
</tr>
</tbody>
</table>

**Color**
- Blinking green
- Blinking amber
- Blinking red
- Solid red

**Status LED**
- Unlocked
- Locked
- Low battery
- Based on programming

**System Alerts**

<table>
<thead>
<tr>
<th>Alert</th>
<th>Reason</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keypad flashes red three times with three beeps*</td>
<td>One incorrect code entered</td>
<td>Re-enter code.</td>
</tr>
<tr>
<td>Keypad flashes red five times with three beeps*</td>
<td>No user code programmed</td>
<td>Program at least one user code.</td>
</tr>
<tr>
<td>Keypad flashes red six times after six seconds.</td>
<td>Programming timeout after two seconds.</td>
<td>Attempt programming procedure again.</td>
</tr>
<tr>
<td>Keypad flashes red 15 times with 10 beeps*</td>
<td>Unsuccessful programming.</td>
<td>Keypad flashes red after 60 second keypad lock.</td>
</tr>
<tr>
<td>Keypad flashes red 10 times with 10 beeps*</td>
<td>Three consecutive incorrect code entered</td>
<td>Re-enter code after 60 second keypad lock.</td>
</tr>
<tr>
<td>Keypad flashes red with continuous beep sound for two seconds</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Keypad flashes red with continuous beep sound for two seconds* | Deadbolt is jammed and stuck in the locked position | Manually relock door if needed, repeat until open.
| Keypad flashes red with continuous beep sound for two seconds* | Deadbolt is jammed and stuck in the unlocked position | Manually relock door if needed, repeat until open. |

*Beeping sound will only be heard if switch #3 is on.

**Deleting a single user code**

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

1. Keep door open, Press Program button once.
2. Press Lock button once.
3. Enter user code to be deleted.
4. Press Lock button twice.
5. Re-enter user code.
6. Press Lock button once. If unsuccessful, Make sure to enter the same valid code in steps 3 and 5.

**Test code**
While the door is open, test the user code to make sure it no longer unlocks the door.

If no button is pressed for five seconds, the system will time-out, and you will need to restart the procedure.

**Factory Reset**

A factory reset will delete all codes associated with the lock.

1. Remove battery pack.
2. Press and HOLD the Program button while replacing the battery pack. Keep holding the button for 30 seconds until the lock beeps and the status LED flashes red.
3. Press the Program button once more in 20 seconds. When the LED flashes green and you hear one beep, the lock has been reset.
4. Perform the door handling process again to teach the lock the orientation of the door and add user code to your lock.

**Troubleshooting**


**Important Safeguards**

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

**CAUTION:** Prevent unauthorized entry. Since anyone with access to the back panel can change the user codes, you must restrict access to the back panel and routinely check the user codes to ensure they have not been altered without your knowledge.

**WARNING:** This Manufacturer advises that no lock can provide complete security by itself. This lock may be defeated by forcible or technical means, or evade by entry elsewhere on the property. No lock can substitute for caution, awareness of your environment, and common sense. Builder’s hardware is available in multiple performance grades to suit the application. In order to enhance security and reduce risk, you should consult a qualified locksmith or other security professional.