61026 / 03

ENGLISH

SMARTCODE 916
TOUCHSCREEN ELECTRONIC DEADBOLT

Installation Guide

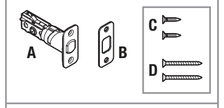
Required Tools

Additional Tools (depending on application)

Use and programming instructions are located on the reverse side of this document.

Parts in the Box

Latches and Strike

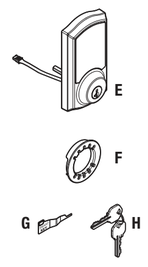




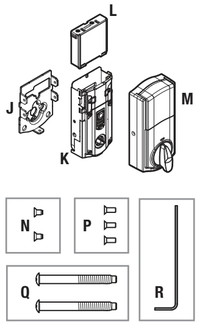
If needed, please contact Kwikset to order a drive-in latch for your lock.

Kwikset
1-866-863-6584
www.kwikset.com

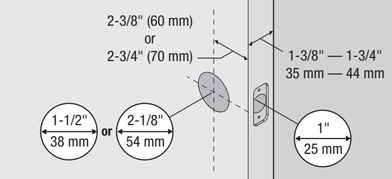
Exterior Assembly



Interior Assembly

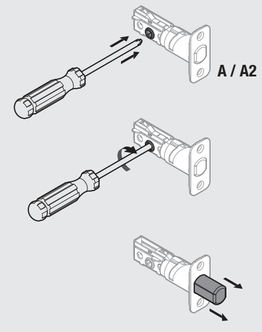


1 Check dimensions



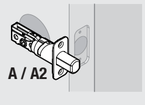
Additional door preparation may be required for doors with 1-1/2" (38 mm) holes. Consult the drilling instructions at www.kwikset.com/doorprep.

2 Extend latch bolt



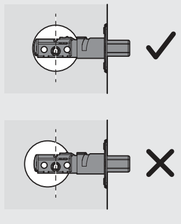
3 Adjust the backset of latch (if needed)

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

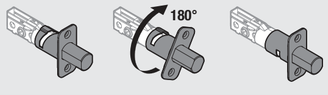


B If the latch holes are centered in the door hole, no adjustment is required. Proceed to step 4.

If the latch holes are NOT centered, adjust latch. See "Latch Adjustment."

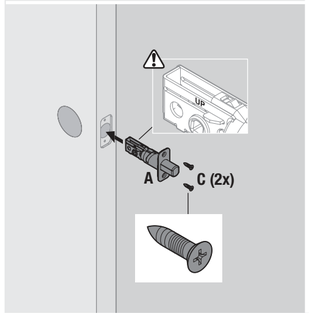


Latch Adjustment (only if needed)

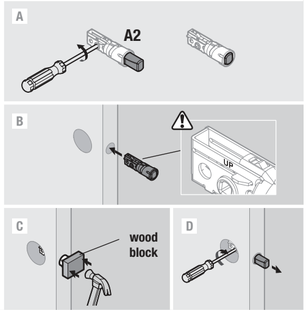


4 Install latch

For doors with chiseled edge

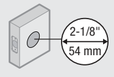


For doors without chiseled edge

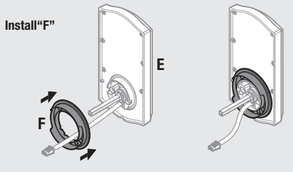


5 Prepare exterior keypad

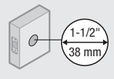
For doors with 2-1/8" (54 mm) holes



Install"F"



For doors with 1-1/2" (38 mm) holes



Discard "F"

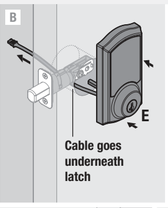


6 Install keypad and mounting plate

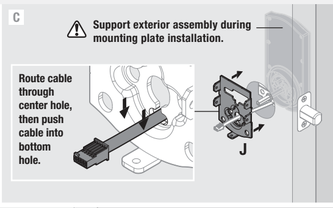
A Locate screws (Q) and keep them within reach.



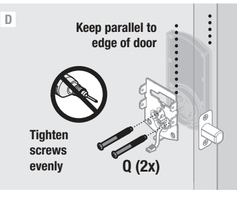
B



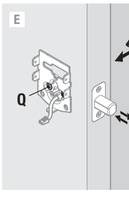
C ⚠ Support exterior assembly during mounting plate installation.



D



E

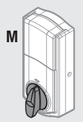


Insert key and test latch. If latch does not extend or retract smoothly, adjust screws (Q).

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

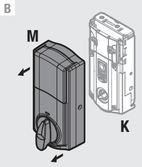
7 Disassemble interior assembly and load battery pack

A

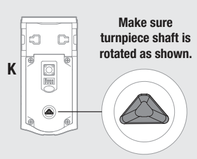


Make sure turnpiece is in the vertical position.

B

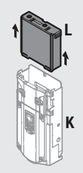


C

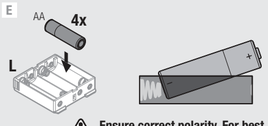


Make sure turnpiece shaft is rotated as shown.

D



E



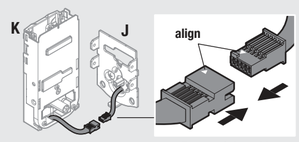
⚠ Ensure correct polarity. For best results, use new, non-rechargeable Alkaline batteries only.

Do not install battery pack yet!

Alarm will sound if battery is installed before cable is connected.

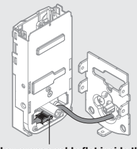
8 Install interior assembly

A



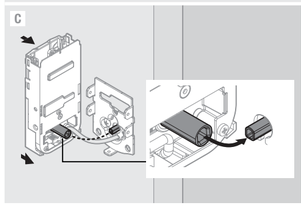
Ensure tight cable connection.

B

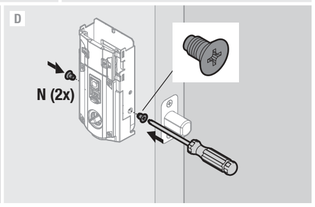


Lay excess cable flat inside the bottom of the interior housing.

C

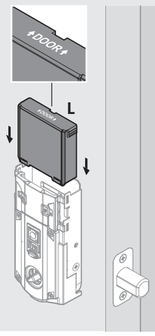


D



9 Install battery pack and perform door handing process

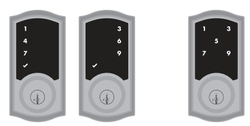
A Make sure the door is open, and insert the battery pack.



B 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.



Once the door handing process is complete, the touchscreen will indicate success or failure:



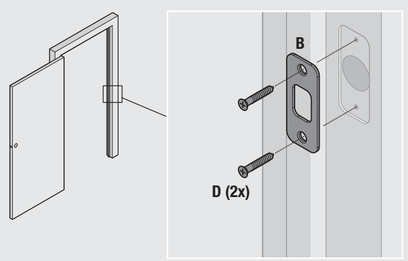
Success: flashing checkmark symbol and single column of digits

Failure: flashing "X" pattern

C **If the touchscreen indicates a failure, attempt this procedure again.**

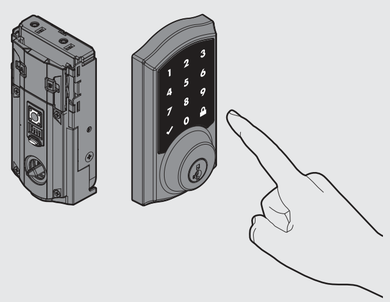
If the door handing process is still unsuccessful after a second attempt, consult the online Troubleshooting Guide, available on the SmartCode 916 product page of www.kwikset.com.

10 Install strike



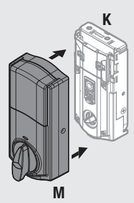
11 Program the lock

Programming instructions are located on the reverse side of this document.

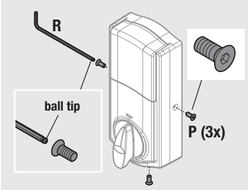


12 Install the battery cover and re-key the lock

A

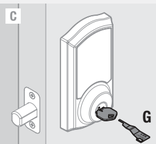


B



Keep "R" in a safe place, as you will need it to access the back panel for additional programming.

C



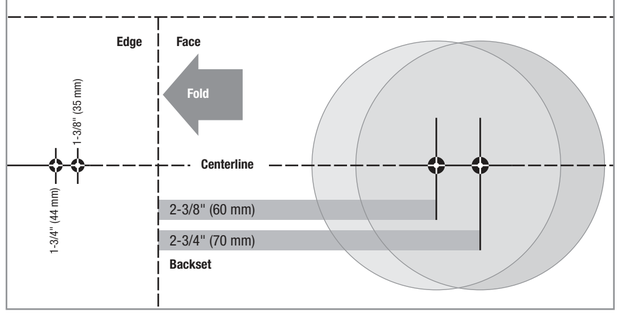
If needed, re-key the lock to work with your existing key. See the supplied SmartKey Re-key instructions for more information.

Make sure the door is open and switch #2 (Auto-Lock) is in the OFF position during re-keying procedure.

If desired, switch #2 can be turned back on after re-keying is complete.

Template

If your door requires drilling, cut out the template and place it on the exterior side of the door. Complete door drilling instructions are available at www.kwikset.com/doorprep.



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User Guide

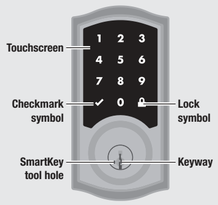
Kwikset
1-866-863-6584
www.kwikset.com

Troubleshooting and FAQs are available on the SmartCode 916 product page online at www.kwikset.com.

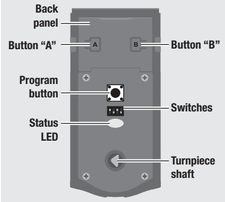
Installation instructions are located on the reverse side of this document.

A SmartCode at a Glance

Exterior



Interior (cover removed)



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

B Normal Operation

Activating the Screen

Option 1	Option 2	Option 3
Touch screen with palm or back of hand until digits illuminate.	**Touch lower left area of screen (where checkmark is located) until digits illuminate.**	**Touch screen with three or more fingers until digits illuminate.**

Unlocking the Door

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

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.

Locking the Door

1. **Activate the screen.**
2. **Press Lock symbol.**
   Note: If no user codes are programmed, the door cannot be locked via touchscreen.

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.

If desired, this feature can be disabled by turning switch #4 to the off position.

C Z-Wave & ZigBee Systems

Lock Inclusion

"Inclusion" refers to the process in which the lock is added to a Z-Wave or ZigBee controller.

Initiate the Inclusion process at your ZigBee or Z-Wave controller. Refer to your control system instructions for more information.

Inclusion Troubleshooting

If Inclusion is unsuccessful, perform the Exclusion process. Then repeat the Inclusion process. If Inclusion is still unsuccessful, consult the online Troubleshooting Guide, available on the SmartCode 916 page of www.kwikset.com.

Lock Exclusion

"Exclusion" refers to the process in which the lock is removed from a Z-Wave or ZigBee controller. Initiate the Exclusion process at your Z-Wave or ZigBee controller. Refer to your control system instructions for more information.

Use the chart to determine which button to press during Inclusion and Exclusion.

System	Inclusion	Exclusion
Z-Wave	Press button "A" once.	Press button "A" once.
ZigBee	Press button "A" four times.	Press button "B" nine times.

System Notes

Z-Wave

In order to fully utilize this product, you must have a Z-Wave controller compatible with door locks. Z-Wave is a "Wireless mesh network," and results may vary based on building construction and communication path, with 35 feet+ being typical installed distance from network controller. It may be necessary to install additional Z-Wave beaming capable devices that can serve as repeaters to enhance the communication path between the lock and controller for a more robust Z-Wave network.

ZigBee

ZigBee is a "Wireless mesh network," and results may vary based on building construction and communication path, with 35+ feet being typical installed distance in a standard home environment and 250 feet+ when the lock has a clear line of sight with the network controller. It may be necessary to install additional ZigBee devices to enhance the communication path between the lock and controller for a more robust ZigBee network.

D Programming Codes

a Programming Information

It is recommended that you add and delete all user codes through your Z-Wave or ZigBee control system. If your system does not allow this, the following sections will provide instructions for how to add and delete codes at the lock.

User Codes Requirements

Each user code must be a unique code between 4 and 8 digits, depending on your control system. A total of 30 user codes may be programmed.

Programming Behavior

Successful Programming

The Checkmark symbol will illuminate and you will hear one beep*.



Unsuccessful Programming

The "X" pattern will flash three times, and you will hear three beeps*.



Programming Timeout

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.

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

b Enabling and Adding a Mastercode (Optional for Enhanced Security)

User codes can be programmed with or without a mastercode. Using a mastercode is an optional, added-security measure. It is not enabled by default. A mastercode is used to add and delete user codes, but it cannot unlock the door (unless the same code is programmed as a user code, though this is not recommended). The mastercode must be 4-8 digits.

1. **Keep door open.**
   Press and HOLD Program button until Checkmark symbol illuminates (about 5 seconds).
2. **Press Checkmark symbol once.**
3. **Enter new mastercode.**
4. **Press Lock symbol once.**
5. **Re-enter mastercode.**
6. **Press Lock symbol once.**

IF UNSUCCESSFUL

Make sure the mastercode has not been programmed already. Attempt this procedure again, making sure to enter the same new mastercode in steps 3 and 5.

⚠ TEST

Make sure switch #3 is on, and then press the Program button once. If you immediately hear five beeps and see the Checkmark flash five times, the mastercode is enabled.

If the screen is not pressed for 20 seconds, the system will time out, and you will need to restart the procedure.

c Disabling and Deleting the Mastercode

1. **Keep door open.**
   Press and HOLD Program button until Checkmark symbol illuminates (about 5 seconds).
2. **Press Checkmark symbol once.**
3. **Press Lock symbol once.**
4. **Enter mastercode.**
5. **Press Lock symbol once.**
6. **Re-enter mastercode.**
7. **Press Lock symbol once.**

IF UNSUCCESSFUL

Make sure the mastercode has been enabled before trying to disable it. Attempt this procedure again, making sure to enter the same mastercode in steps 4 and 6.

⚠ TEST

Make sure switch #3 is on, and then press the Program button once. If you don't immediately hear five beeps and see the Checkmark flash five times, the mastercode is disabled.

If the screen is not pressed for 20 seconds, the system will time out, and you will need to restart the procedure.

d Adding User Codes

Mastercode *NOT enabled*:

1. **Keep door open.**
   Press Program button once.
2. **Press Checkmark symbol once.**
3. **Enter new USER code.**
4. **Press Lock button once.**

IF UNSUCCESSFUL

Make sure the user code 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 CODE

While the door is open and locked, test the user code to make sure it unlocks the door.

Mastercode *enabled*:

1. **Keep door open. Press Program button once.**
   You will hear five beeps and the checkmark will flash five times.
2. **Press Checkmark symbol once.**
3. **Enter MASTERCODE**
   (the code that was enabled in section b)
4. **Press Lock symbol once.**
5. **Enter new USER code.**
6. **Press Lock symbol once.**

IF UNSUCCESSFUL

Make sure the user code 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.

Make sure to enter a valid mastercode in step 3.

⚠ TEST CODE

While the door is open and locked, test the user code to make sure it unlocks the door.

If the screen is not pressed for 20 seconds, the system will time out, and you will need to restart the procedure.

e Deleting a Single User Code

Mastercode *NOT enabled*:

1. **Keep door open.**
   Press Program button once.
2. **Press Checkmark symbol once.**
3. **Press Lock symbol once.**
4. **Enter USER code.**
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 6.

⚠ TEST CODE

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

Mastercode *enabled*:

1. **Keep door open. Press Program button once.**
   You will hear five beeps and the checkmark will flash five times.
2. **Press Checkmark symbol once.**
3. **Press Lock symbol once.**
4. **Enter MASTERCODE**
   (the code that was enabled in section b)
5. **Press Lock symbol once.**
6. **Enter USER code.**
7. **Press Lock symbol once.**
8. **Re-enter USER code.**
9. **Press Lock symbol once.**

IF UNSUCCESSFUL

Make sure to enter the same valid code in steps 6 and 8. Make sure to enter a valid mastercode in step 4.

⚠ TEST CODE

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

If the screen is not pressed for 20 seconds, the system will time out, and you will need to restart the procedure.

f Deleting All User Codes

This procedure can only be performed if the mastercode is enabled.
Note: The Auto-Lock feature (switch #2) will be disabled if all codes are deleted.

1. **Keep door open.**
   Press Program button once.
   You will hear five beeps and the checkmark will flash five times.
2. **Press Checkmark symbol once.**
3. **Press Lock symbol once.**
4. **Enter MASTERCODE**
   (the code that was enabled in section b)
5. **Press Lock symbol once.**
6. **Press "9" six times.**
7. **Press Lock symbol once.**
8. **Press "9" six times.**
9. **Press Lock symbol once.**

IF UNSUCCESSFUL

Make sure to enter a valid mastercode in step 4 during your next attempt.

⚠ TEST CODE

While the door is open and unlocked, press the Lock symbol. If the latch bolt does not extend to lock, then all codes have been successfully deleted.

If the screen is not pressed for 20 seconds, the system will time out, and you will need to restart the procedure.

E Regulatory Compliance

This product complies with standards established by the following regulatory bodies:

- Federal Communications Commission (FCC)
- Industry Canada

FCC

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT! Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Industry Canada

This device complies with Industry Canada licence-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.

F Switches, Status LED Colors, and System Alerts

Switches



Switch	Function
1	Door lock status LED blinks every 6 seconds
2	Lock automatically re-locks door 30 seconds after unlocking. Disabled if no codes are programmed.
3	Audio
4	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.



Color	Lock Status
Blinking green	Unlocked
Blinking amber	Locked
Blinking Red	Low battery

System Alerts

Display	Alert	Reason	Solution
	"X" pattern flashes one time with one beep*.	One incorrect code entered.	Re-enter code.
	"X" pattern flashes three times with three beeps*.	No user code programmed.	Program at least one user code.
		Programming timeout after 20 seconds.	Attempt programming procedure again.
		Unsuccessful programming.	
	"X" pattern flashes 15 times with 15 beeps*	Three incorrect codes entered within one minute.	Re-enter code after 60 second touchscreen lockout.
	Checkmark and lock symbols flash simultaneously five times with five beeps*.	Low battery.	Replace batteries.
	Checkmark and lock symbols alternate flashing five times with five beeps*.	Door jammed while attempting to lock.	Manually re-lock door. If needed, reposition strike.
N/A	Lock beeps continuously.	Interior assembly is disconnected from exterior.	Remove battery pack, reconnect the interior to the exterior, then replace battery pack.

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

G Manual Door Handing

If needed, the door handing 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 button 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 extend and retract to learn the orientation of the door.**

Success **Failure**

If the touchscreen indicates a failure, see the online Troubleshooting guide.

H 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 reinserting the battery pack.**
   Keep holding the button for 30 seconds until the lock beeps and the status LED flashes red.
   Status LED
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.**
5. **Perform the Inclusion process again to add the lock back into your network and controller.**

I 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. Restrict access to your lock's back panel and routinely check your settings to ensure they have not been altered without your knowledge.
5. Protect your user codes and mastercode.
6. Dispose of used batteries according to local laws and regulations.
7. For added security, turn on switch #4.

⚠ **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. The use of a mastercode can help protect your system's settings.

⚠ **WARNING:** This Manufacturer advises that no lock can provide complete security by itself. This lock may be defeated by forcible or technical means, or evaded 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.

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