66073-001
Rev 01
Z-Wave® Plus

Kwikset

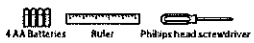
HOME CONNECT

ENGLISH

SMARTCODE 914
TOUCHPAD ELECTRONIC DEADBOLT

Installation and User Guide

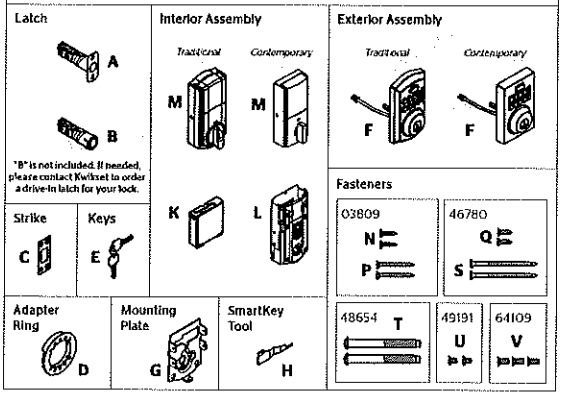
Required tools



Additional tools (depending on application)

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

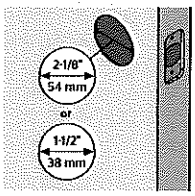
Parts in the box



1 Prepare the door and check dimensions

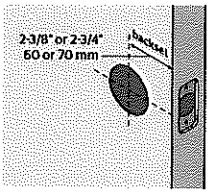
If drilling a new door, use the supplied template and the complete door drilling instructions available at www.kwikset.com/doorprep.

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

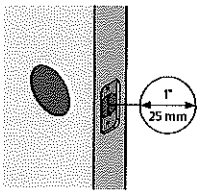


Note: Additional door preparation may be required for doors with 1-1/2" (38 mm) holes. Consult the deadbolt drilling instructions at www.kwikset.com/doorprep.

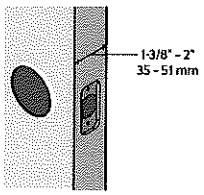
B Measure to confirm that the backset is either 2-3/8" or 2-3/4" (60 or 70 mm).



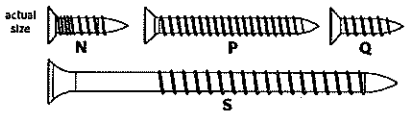
C Measure to confirm that the hole in the door edge is 1" (25 mm).



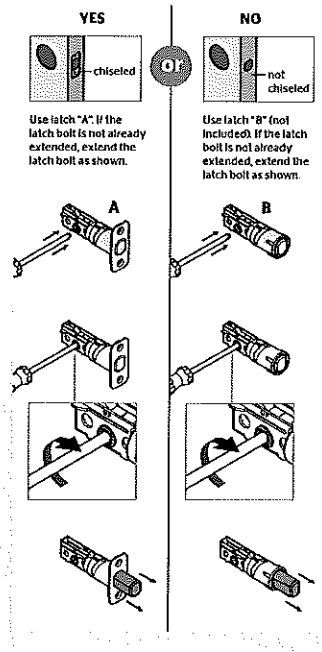
D Measure to confirm that the door is between 1-3/8" and 2" (35 mm and 51 mm) thick.



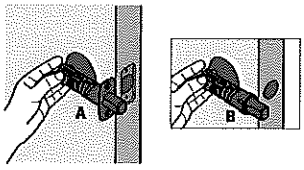
2 Install the latch and strike



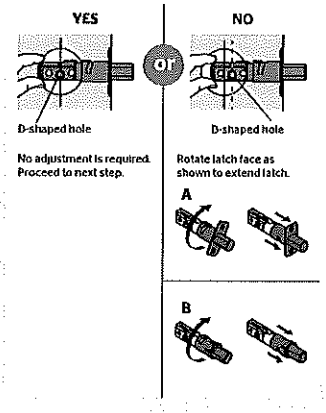
A Is the door edge chiseled?



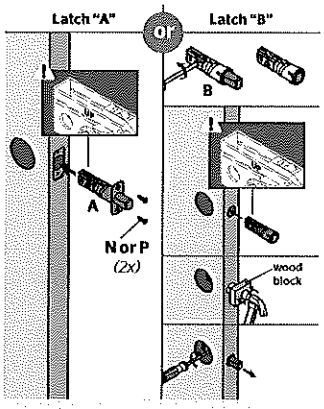
B Hold the latch in front of the door hole, with the latch face flush against the door edge.



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

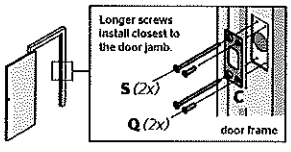


D Which latch are you installing?



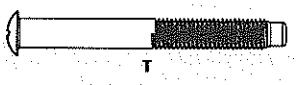
E Install strike on the door frame.

⚠ Make sure the hole in the door frame is drilled a minimum of 1" (25 mm) deep.

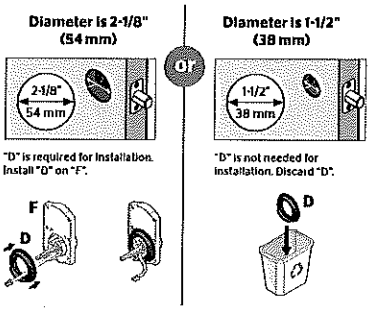


3 Install the exterior keypad

actual size

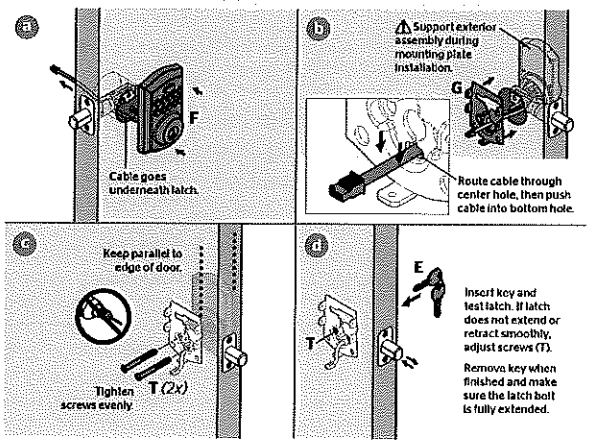


A What is the diameter of the hole in the door?



B Locate screws for step 3C and keep them within reach.

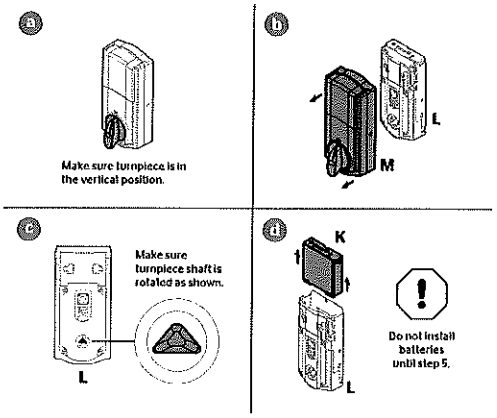
C Install exterior keypad and mounting plate.



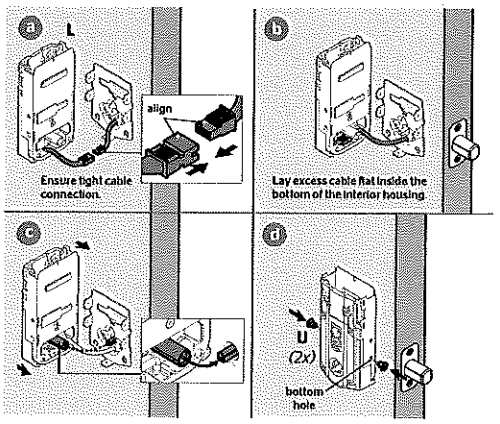
4 Install the interior assembly

actual size

A Remove battery cover and battery pack from interior assembly.



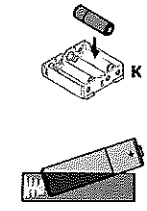
B Install interior assembly onto mounting plate.



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.

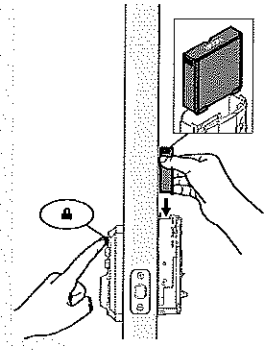
A Install 4 AA batteries in battery pack.



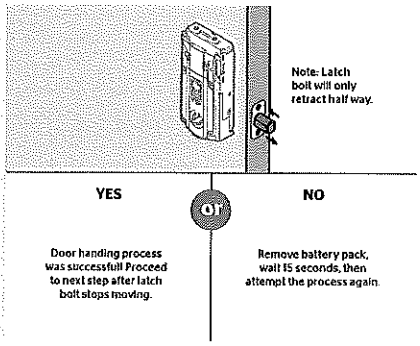
⚠ Ensure correct polarity. For best results, use new, non-rechargeable Alkaline batteries only.

B Press and HOLD the Lock button while installing battery pack.

Hold button until the latch bolt starts moving on its own.



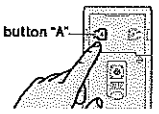
C Did the latch bolt retract and extend on its own when the battery pack was installed?



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.



Please allow time for the controller to add the lock.

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.

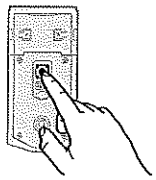
If still unsuccessful, consult the Programming and Troubleshooting Guide on the SmartCode 914 page at www.kwikset.com.

7 Add user codes (30 max)

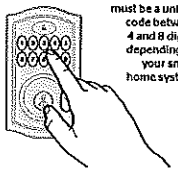
It is recommended that you add and delete all user codes through your smart home control system. If your system does not allow this, codes may be added directly to the lock as shown here.

Programming Timeout
During programming, if no button is pressed for five 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.

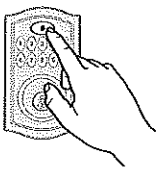


B Enter user code. A total of 30 user codes may be programmed.



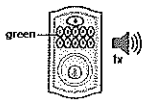
Each user code must be a unique code between 4 and 8 digits, depending on your smart home system.

C Press Lock button once.



D What lights and sounds does the lock produce?

One green flash with one beep

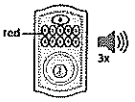


Programming was successful.

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 914 page at kwikset.com.

Three red flashes with three beeps



Programming was unsuccessful.

Make sure not to pause for more than 5 seconds during programming.

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.

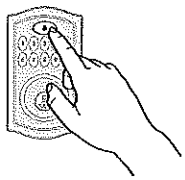
*Beeping sound will only be heard if switch #3 (on the lock interior) is in the on positon. See "Switches and Status LED Colors" on page 4.

8 Test the lock (review normal operation)

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

Locking the Door

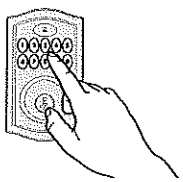
Press Lock button once.



Unlocking the Door

Enter user code.

Tip: You can press the Lock button before entering your user code to light up the keypad at night.

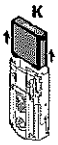


9 Re-key the lock (if needed) and install the battery cover

actual size

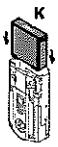
A Re-key the lock (if needed).

IMPORTANT: Remove battery pack before re-keying.

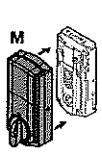


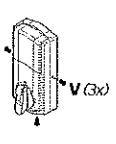
Re-key the lock to work with your existing key. See the supplied SmartKey Re-key instructions for more information.

Reinstall battery pack.

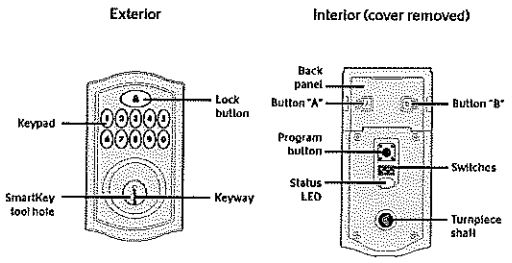


B Install the battery cover.





SmartCode at a Glance



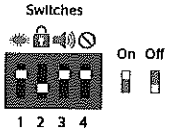
Note: When the cover is removed, the turnpiece shaft can be used to manually lock and unlock the door.

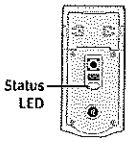
System Alerts

Alert	Reason	Solution
Keypad flashes red once with one beep*.	One incorrect code entered.	Re-enter code.
Keypad flashes red three times with three beeps*.	No user code programmed.	Program at least one user code.
	Programming timeout after five seconds.	Attempt programming procedure again.
	Unsuccessful programming.	
Keypad flashes red 15 times with 15 beeps*	Three incorrect codes entered within one minute.	Re-enter code after 60 second keypad lockout.
Keypad flashes red with fast beeping sound for three to four seconds.	Low battery.	Replace batteries.
Keypad flashes green with continuous beeping sound for two seconds.	Door jammed while attempting to lock.	Manually re-lock door. If needed, reposition strike.
Lock beeps continuously.	Interior assembly is disconnected from exterior.	Remove battery pack, reconnect the interior to the exterior, then reinstall battery pack.

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

Switches and Status LED colors





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	Not used.

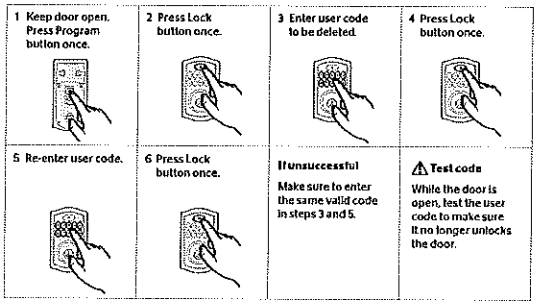
Color	Lock Status
Blinking green	Unlocked
Blinking amber	Locked
Blinking red	Low battery
Solid red	Door handing process did not work properly. See the online Programing and Troubleshooting Guide.

Troubleshooting

A complete Programming and Troubleshooting Guide is available on the SmartCode 914 page at www.kwikset.com.

Deleting a single user code

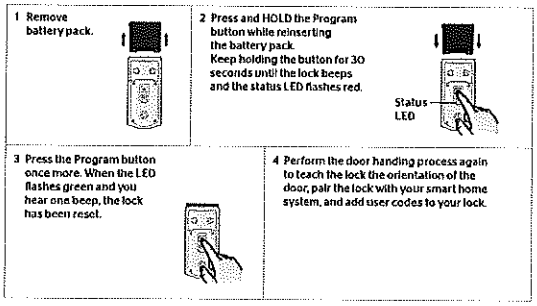
Note: All codes may be deleted at once if the mastercode is enabled. For more information about the mastercode, consult the Programming and Troubleshooting Guide.



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

Factory Reset

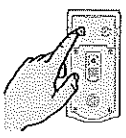
A factory reset will delete all codes associated with the lock, and it will remove it from your smart home system.



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 A* 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. Z-Wave is a "Wireless mesh network," and results may vary based on building construction and communication path.

To assure 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 identity mark assures consumers, integrators, dealers and manufacturers that their products will reliably perform with any other Z-Wave device. And, regardless of the vendor, always powered nodes may act as a repeater for Kwikset/Weiser/Baldwin products.

Z-Wave Configuration and Association Parameters are available on the SmartCode 914 page at www.kwikset.com.

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 mastercode.
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. 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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1. Association Groups

The lock supports 2 association groups. Per Z-Wave Plus requirements, group 1 is assigned to the ***Lifeline*** group and can only support 1 node.

The ***Lifeline*** group supports the following unsolicited messages:

Command Class	Command
Command Class Battery	Battery Report
Command Class Door Lock	Door Lock Operation Report
Command Class Notification	Notification Report
Command Class Device Reset Locally	Device Reset Locally Notification

Association group 2 is identified as the "**Doorlock notify report**" group. It allows at most 5 other nodes to be associated with the lock and will provide all Notification Reports, via the Command Class Notification, generated by the lock.

2. Configuration Parameters

The Z-Wave door lock module supports the use of the configuration command class to provide advanced configuration of the door lock over the Z-Wave network. This section describes the configuration parameters supported by the door lock.

2.1 Configuration Parameters 33 and 34

Parameter Name: SKU (length = 8 bytes)

Data Length: 4 bytes (each parameter)

Default Values for 33 and 34: 0x20, 0x20, 0x20, 0x20 (all spaces)

Possible Values: All printable characters will be accepted

Description:

The configuration parameters 33 and 34 are used to set and get the SKU part numbers. The SKU is made up of 8 bytes. Each parameter consists of four bytes of data. Parameter 33 contains the first four most significant bytes of the SKU, while parameter 34 contains the four least significant bytes of the SKU.

When setting the SKU, it must be done in two set commands, one for each parameter. The order of programming the SKU does not matter.

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Setting parameter 33 will program the first four bytes of the SKU. Setting parameter 34 will program the last 4 bytes of the SKU. Most printable values are accepted for the set command.

When getting the SKU, it must be done in two get commands, one for each parameter. The order of getting the SKU does not matter.

Getting parameter 33 will retrieve the first four bytes of the SKU. Getting parameter 34 will retrieve the last 4 bytes of the SKU.

2.2 Configuration Parameter 35

Parameter Name: Interior Status LED control

Data Length: 1 byte

Default Values: 1 (enabled)

Possible Values: 1 – enabled, 0 – disabled

Description:

The configuration parameter 35 is a one byte field that will allow the user to get / set the value for the Interior Status LED control. The value of 0 means that the setting is disabled; whereas the value of 1 means that the setting is enabled.

Sending a set command with the default field set to 1 will cause the control to revert back to its factory default setting.

2.3 Configuration Parameter 36

Parameter Name: Auto-lock Feature Control

Data Length: 2 bytes

Default Values: Byte 1: 0 – disabled; Byte 2: 0x1E (HEX) (30 seconds)

Possible Values: Byte 1: 1 – enabled, 0 – disabled

Byte 2: 30, 60, 90, 120, 180 (all in seconds)

Description:

The configuration parameter 36 uses 2 bytes that will allow the user to get / set the value for the Auto Lock feature and timing for that feature. The first byte will be the enable/disable byte. The value of 0 means that the setting is disabled; whereas the value of 1 means that the setting is enabled. The next two bytes will be the timing for the Auto Lock feature and should contain the number of seconds before the Auto Lock will occur. The valid values are: 0 (default – 30 seconds), 30, 60, 90, 120, 180. For example, setting the auto lock feature for 60 seconds, the two timing bytes should be: 0x003C.

Sending a set command with the default field set to 1 will cause the control to revert back to its factory default settings.

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2.4 Configuration Parameter 37

Parameter Name: Audio Feature Control

Data Length: 1 byte

Default Value: 1 – enabled

Possible Values: 1 – enabled, 0 – disabled

Description:

The configuration parameter 37 is a one byte field that will allow the user to get / set the value for the Audio feature. The value of 0 means that the setting is disabled; whereas the value of 1 means that the setting is enabled.

Sending a set command with the default field set to 1 will cause the control to revert back to its factory default setting.

2.5 Configuration Parameter 40

Parameter Name: Reset Lock to Factory Default

Data Length: 1 byte

Default Value: 0

Possible Values: 1 – have lock perform factory reset

Description:

The configuration parameter 40 is a one byte field, used to set the lock to its default setting, known as a factory reset command.

Reading this parameter will always return a value of 0.

Writing a value of 1 to this parameter will cause both the lock and Z-Wave card to reset back to their default settings and will remove itself from the network. All network information, including associations will be cleared.

2.6 Configuration Parameter 47

Parameter Name: Motor Load Control

Data Length: 1 byte

Default Value: 0

Possible Values: 1 – enabled, 0 – disabled

Description:

The configuration parameter 47 uses 1 byte that will allow the user to get / set the value to enable or disable the motor load alarm. Setting this byte to 0 will disable the alarm, whereas setting this byte to 1 will enable the alarm. If a motor load alarm has been activated and the alarm has been enabled, the alarm will be sent via the Power Management group in the Notification Command Class as a Load Error (0x09).

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3. Inclusion Procedures

1. Power the lock by placing the battery pack into the lock
2. On the controller, select the option to add a device.
3. On the lock, press button 'A'. The red LED will illuminate until the add request has been processed.

4. Exclusion Procedures

1. Power the lock by placing the battery pack into the lock
2. On the controller, select the option to remove a device
3. On the lock, press button 'A'. The red LED will illuminate until the removal request has been processed.

5. Reset Procedures

A factory reset will delete all codes associated with the lock and will remove it from your smart home system. It will not remove any anti-theft settings.

Please use the local reset procedure only when the primary controller is missing or inoperable.

5.1 Local

1. Remove battery pack and press the program button a few times to discharge.
2. Press and hold the program button.
3. Replace the battery pack.
4. Continue holding the program button for 30 seconds until the lock beeps and the state LED flashes red.
5. Press the program button again. The status LED will flash green.
6. When the cycle of red and green flashes ends, the reset has completed.
7. Wait for the lock to reboot.

5.2 Remotely

1. From a controller, write a 0x01 to configuration parameter 40.
2. When the cycle of red and green flashes ends, the reset has completed.
3. Wait for the lock to reboot.

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