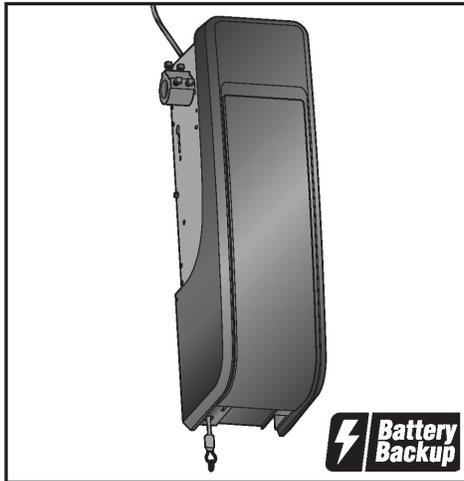


Wall Mount Wi-Fi® Garage Door Opener Models RJO101

For Residential Use
Install On Sectional Doors With Torsion Assemblies Only



This product is intended for installation only by trained garage door technicians. This product may require adjustments to door springs and/or track configurations. This product is not intended for use on low headroom tracks with outside pick up drums or garage doors utilizing extension springs.

- Please read this manual and the enclosed safety materials carefully!
- The door **WILL NOT CLOSE** unless the Protector System® is connected and properly aligned.
- Periodic checks of the garage door opener are required to ensure safe operation.
- The model number is located on the front cover of the opener.
- This garage door opener is **ONLY** compatible with myQ® and Security+ 2.0® accessories.
- Attach warning labels to the location indicated on label.

Register your garage door opener to
receive updates and offers from
Chamberlain



1. Take a photo of the camera icon including the points (X).
2. Send it in by texting the photo to 71403 (US) or visit www.chamberlain.com photo (Global)

Chamberlain
300 Windsor Drive
Oak Brook, IL 60523



Monitor and control your garage
from anywhere and get real-time alerts
with peace of mind.

Easy step-by-step
interactive 3D instructions
for this product can be found in



BILT INTELLIGENT
INSTRUCTIONS

Download the free BILT App
before assembly



CHAMBERLAIN

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Preparation

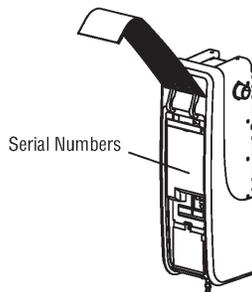
myQ Serial Number

Write down the following information for future reference:

myQ Serial Number:

Product Serial Number:

Date of Purchase:



Safety Symbol and Signal Word Review

This garage door opener has been designed and tested to offer safe service provided it is installed, operated, maintained and tested in strict accordance with the instructions and warnings contained in this manual.

When you see these Safety Symbols and Signal Words on the following pages, they will alert you to the possibility of **serious injury or death** if you do not comply with the warnings that accompany them. The hazard may come from something mechanical or from electric shock. Read the warnings carefully.

When you see this Signal Word on the following pages, it will alert you to the possibility of damage to your garage door and/or the garage door opener if you do not comply with the cautionary statements that accompany it. Read them carefully.



WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

WARNING

Mechanical

WARNING

Electrical

CAUTION

Unattended Operation

The Timer-to-Close (TTC) feature, the myQ Smartphone Control app, and myQ Garage Door and Gate Monitor are examples of unattended close and are to be used **ONLY** with sectional doors. Any device or feature that allows the door to close without being in the line of sight of the door is considered unattended close. The Timer-to-Close (TTC) feature, the myQ Smartphone Control, and any other myQ devices are to be used **ONLY** with sectional doors.

Smart LED Light must be installed to enable use of Timer To Close or myQ Smartphone Control of the door.

Preparation

Planning

Survey your area to see if any of the conditions below apply to your installation. Take note of the drum sizes to make sure they are correct. Depending on your requirements, additional materials may be required.

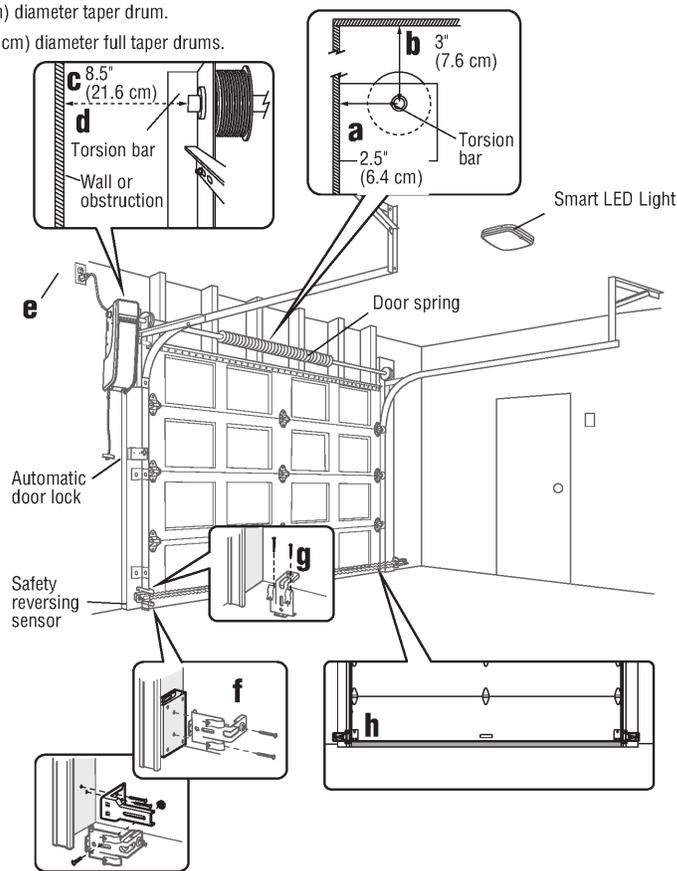
THIS DOOR OPENER IS COMPATIBLE WITH:

- Doors that use a torsion bar and springs. The torsion bar must be 1" (2.5 cm) diameter. NOT compatible with reverse wound drums.
- Standard lift sectional doors using 4-6" (10-15 cm) diameter drums.
- 4-6" (10-15 cm) straight drums.
- 3 to 3.9 inch (7.6cm to 9.9cm) drums may be used on doors up to 430 lbs. (195.4Kgs)
- High lift (up to 54" (137.2 cm) high) and standard lift sectional doors up to 14 ft. (4.3 m) high.
- High lift sectional doors using 8" (20 cm) diameter taper drum.
- Vertical lift sectional doors using 8" (20 cm) diameter full taper drums.
- Doors up to 18 ft. (5.5 m) wide.

Review or inspect proposed installation area. The door opener can be installed on the left or right side of door. Select the side that meets the requirements listed below.

- Must have minimum of 2.5" (6.4 cm) between the wall and the center of the torsion bar.
- Must have minimum of 3" (7.6 cm) between the ceiling and the center of torsion bar.
- Must have minimum of 8.5" (21.6 cm) between the side wall (or obstruction) and the end of torsion bar.
- The torsion bar must extend at least 1.5" (3.81 cm) past the bearing. This may vary depending on your installation requirements.
- An electric outlet is required within 6 ft. (1.83 m) of the installation area. If outlet does not exist, contact a qualified electrician.
- Depending upon building construction, extension brackets or wood blocks may be needed to install safety reversing sensors and cable tension monitor.
- Alternate floor mounting of the safety reversing sensors will require hardware (not provided).
- Check the seal on the bottom of the door. Any gap between the floor and the bottom of the door must not exceed 1/4 inch (6 mm). Otherwise, the safety reversal system may not work properly.

NOTE: Inspect the torsion bar while the door is raised and lowered. It is important that there is no noticeable movement up and down or left and right. If the movement is not corrected, the life of the garage door opener will be greatly reduced.



Preparation

Before You Connect with Your Smartphone

Monitor and control your garage door from anywhere using the myQ app.

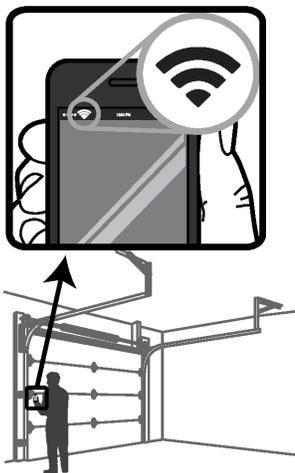
BEFORE YOU BEGIN:

You will need:

- Wi-Fi enabled smartphone, tablet or laptop
- Broadband Internet Connection
- Wi-Fi signal in the garage (**2.4 Ghz, 802.11b/g/n required**)
- Password for your home network (router's main account, not guest network)

TEST THE WI-FI SIGNAL STRENGTH

Make sure your mobile device is connected to your Wi-Fi network. Hold your mobile device in the place where your garage door opener will be installed and check the Wi-Fi signal strength.



Check Signal Strength. If you see:



Wi-Fi signal is strong.

The garage door opener will connect to your Wi-Fi network.



Wi-Fi signal is weak.

The garage door opener may connect to your Wi-Fi network. If not, try one of the options below to improve the Wi-Fi signal:



No Wi-Fi signal.

The garage door opener will not be able to connect to your Wi-Fi network. Try one of the options below to improve the Wi-Fi signal:

- Move your router closer to the garage door opener to minimize interference from walls and other objects
- Buy a Wi-Fi range extender

For compatible router specifications and help, visit support.chamberlaingroup.com. See page 13 to connect the garage door opener to a mobile device.

Preparation

Preparing Your Garage Door

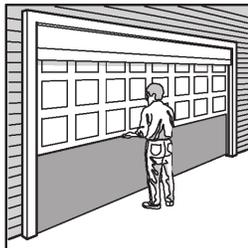
BEFORE YOU BEGIN:

- Disable locks.
- Remove any ropes connected to the garage door.

Complete the following test to make sure the garage door is balanced and is not sticking or binding:

1. Lift the door halfway up. Release the door. If balanced, it should stay in place, supported entirely by its springs.
2. Raise and lower the door to check for binding or sticking.
3. A properly balanced door should NOT open or fall rapidly.

If your door binds, sticks, or is out of balance, call a trained door systems technician.



Sectional Door

⚠ WARNING

To prevent possible **SERIOUS INJURY** or **DEATH**:

- ALWAYS call a trained door systems technician if garage door binds, sticks, or is out of balance. An unbalanced garage door may NOT reverse when required.
- NEVER try to loosen, move or adjust garage door, door springs, cables, pulleys, brackets or their hardware, ALL of which are under **EXTREME** tension.
- Disable ALL locks and remove ALL ropes connected to garage door BEFORE installing and operating garage door opener to avoid entanglement.
- This opener system is equipped with an unattended operation feature. The door could move unexpectedly. **NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR.**

⚠ CAUTION

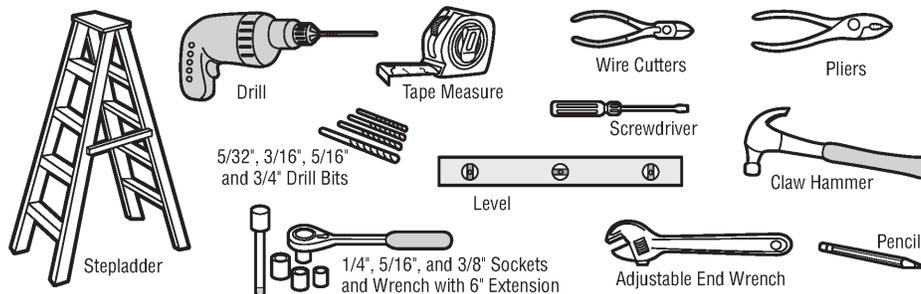
To prevent damage to garage door and opener:

- ALWAYS disable locks BEFORE installing and operating the opener.
- ONLY operate garage door opener at 120V, 60 Hz to avoid malfunction and damage.

SPECIFICATIONS	
Volts	120 Vac - 60 Hz, ONLY
Current	1.5 AMP
LED Light Current (independently powered)	0.2 AMPS

Tools Needed

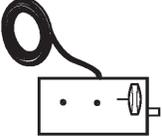
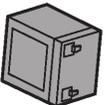
During assembly, installation and adjustment of the garage door opener, instructions will call for hand tools as illustrated below.



Preparation

Carton Inventory

If anything is missing, carefully check the packing material.

			
<p>Automatic Garage Door Lock with 2-Conductor White and White/Black Bell Wire with Connector NOTE: Older model 24V door locks are incompatible</p>		<p>2 Conductor Bell Wire White and White/Red</p>	<p>Collar with Set Screws</p>
	<p>Garage Door Opener</p>	<p>The Protector System (2) Safety Reversing Sensors (1 Sending Sensor and 1 Receiving Sensor) with 2-Conductor White and White/Black Bell Wire attached</p>	
<p>Mounting Bracket</p>			<p>Battery</p>
<p>Safety Labels and Literature</p>	<p>Safety Reversing Sensor Bracket (2)</p>		

INCLUDED ACCESSORIES

			
<p>Motion-Detecting Control Panel</p>	<p>Single Button Premium Remote Control Model 950ESTD (1)</p>	<p>Remote Control Visor Clip</p>	<p>Smart LED Light myQLED1 (Garage Door Opener Light) with Hardware Bag</p>

HARDWARE

<p>Screw #10-32 (2) Screw 14-10x2" (2) Handle Rope Screw 1/4"-20x1/2" (2)</p>	<p>Screw 6ABx1-1/4" (2) Drywall Anchor (2) Screw 6-32x1" (2) Carriage Bolt 1/4"-20x1/2" (2) Wing Nut 1/4"-20 (2)</p>	<p>SMART LED LIGHT: Drywall Anchor (Screw-In) (2) Screw #6x1" (2)</p>
---	--	--

Adjustment

1 Identify Door Profile

To identify the door profile number, measure the full drum diameter based on the images below.

NOTE: This step is important to ensure the proper operation of the unit.

To view a video demonstration of how to identify and set the door profile, scan the QR code.



⚠ WARNING

To prevent possible **SERIOUS INJURY** or **DEATH**, follow instructions to select and set door profile for safe and proper operation.

Standard Lift Sectional Door

- Door Profile 1 = Standard to Heavy Weight Door* with a 4" drum (Recommended).
- Door Profile 2 = Light Weight Door with a 4" drum.
- Door Profile 3 = Heavy Weight Door* with a 6" drum.
- Door Profile 4 = Light Weight Door with a 6" drum.

* *NOTE: Drum sizes may vary by manufacturer.*

For Standard Lift Sectional Doors:

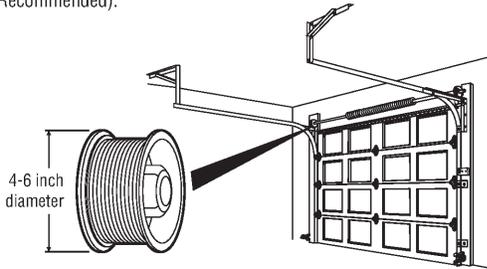
• *Drums less than or equal to 5", use 4" drum.*

• *Drums more than 5", use 6" drum.*

If unsure about door weight, choose:

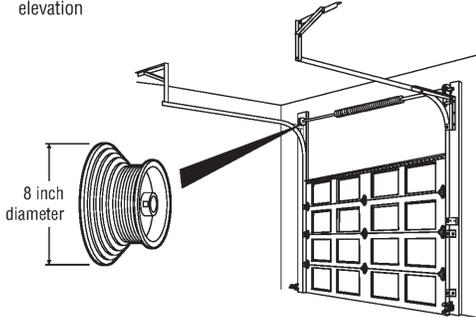
Door Profile 1 for a 4" drum.

Door Profile 3 for a 6" drum.



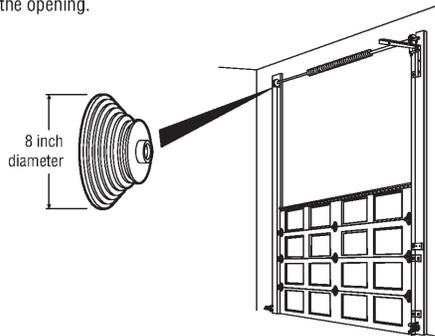
High Lift Door

- Door Profile 5 = Tapered drum with rails that raise to a higher elevation



Vertical Lift Sectional Door

- Door Profile 5 = Tapered Drum with rails raising vertically above the opening.



2 Set Door Profile

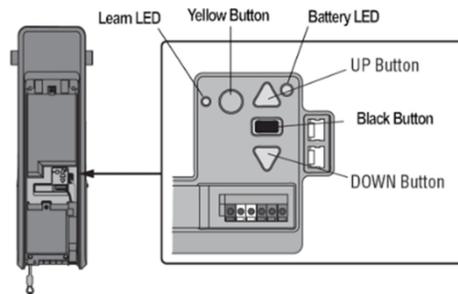
1. To enter Set Door Profile mode, press and hold the black button for one second. The UP and DOWN buttons turn a solid color.
2. To set Door Profile, press the UP and DOWN buttons. The Learn LED button blinks and beeps as you change the setting.
3. The number of Learn LED button blinks indicates which profile you have selected. There is no preset door profile setting.
4. Press and release the Black button to set the Door Profile. This process is now complete. Proceed to the Travel Learn mode.

EXITING DOOR PROFILE NUMBER SETTING

If there is no selection within 4.5 minutes, the Door Profile selection mode will be cancelled with a long beep.

⚠ WARNING

To prevent possible **SERIOUS INJURY** or **DEATH**, after ANY changes to the door profile, reprogram limits.



Adjustment

3 Program the Travel

WARNING

Without a properly installed safety reversal system, persons (particularly small children) could be SERIOUSLY INJURED or KILLED by a closing garage door.

- Incorrect adjustment of garage door travel limits will interfere with proper operation of safety reversal system.
- After ANY adjustments are made, the safety reversal system MUST be tested. Door MUST reverse on contact with 1-1/2" (3.8 cm) high object (or 2x4 laid flat) on floor.

NOTE: While programming the travel, the UP and DOWN buttons can be used to move the door as needed. During the Automatic Force Setup, the door will automatically open and close.

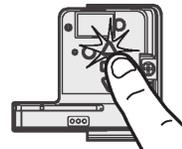
- 1** Press and hold the Adjustment Button until the UP Button begins to flash and/or a beep is heard. The Safety Reversing Sensors will be disconnected during the Program the Travel process.



- 2** Press and hold the UP Button until the door is in the desired UP position.



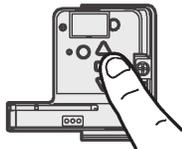
- 3** Once the door is in the desired UP position press and release the Adjustment Button. The garage door opener lights will flash twice and the DOWN Button will begin to flash.



- 4** Press and hold the DOWN Button until the door is in the desired DOWN position.



- 5** Once the door is in the desired DOWN position press and release the Adjustment Button. The garage door opener lights will flash twice. Program the Travel is now complete. If the garage door opener lights flash 5 times, then programming has timed out and the Travel Limits have not been set. Please restart the Program the Travel process.



4 Automatic Force Set Up

Once both the up and down positions have been manually set, the Safety Reversing Sensors will reconnect and become operational. Then, the opener will enter a force-sensing operation by automatically moving the door open and close. The garage door opener will sound an audible and visual alert before automatically opening and closing the door. The garage door opener will beep three times, confirming that the Automatic Force Setup completed successfully. Adjustment is complete.

If you hear one long beep after the door attempts to move, then the Automatic Force Set Up has not completed successfully. Please start over at step 1 of Program the Travel.



Adjustment

5 Test the Safety Reversal System

WARNING

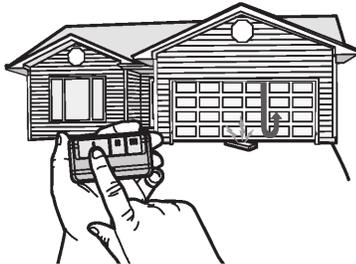
Without a properly installed safety reversal system, persons (particularly small children) could be **SERIOUSLY INJURED** or **KILLED** by a closing garage door.

- Safety reversal system **MUST** be tested every month.
- After **ANY** adjustments are made, the safety reversal system **MUST** be tested. Door **MUST** reverse on contact with 1-1/2" high (3.8 cm) high object (or 2x4 laid flat) on the floor.

- 1 With the door fully open, place a 1-1/2 inch (3.8 cm) board (or a 2x4 laid flat) on the floor, centered under the garage door.



- 2 Press the remote control push button to close the door. The door **MUST** reverse when it makes contact with the board.



If the door stops but does not reverse:

1. Repeat Program the Travel (see Adjustment Step 1);
2. Repeat the Safety Reversal test.

If the test continues to fail, call a trained door systems technician.

6 Test the Protector System®

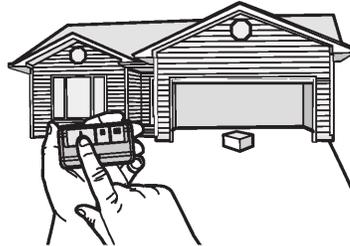
WARNING

Without a properly installed safety reversing sensor, persons (particularly small children) could be **SERIOUSLY INJURED** or **KILLED** by a closing garage door.

- 1 Open the door. Place an obstruction in the path of the door.



- 2 Press the remote control push button to close the door. The door will not move more than an inch (2.5 cm).



The garage door opener will not close from a remote control if the LED in either safety reversing sensor is off (alerting you to the fact that the sensor is misaligned or obstructed).

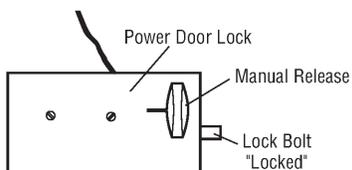
If the garage door opener closes the door when the safety reversing sensor is obstructed (and the sensors are no more than 6 inches [15 cm] above the floor), call for a trained door systems technician.

Adjustment

7 Test the Power Door Lock

1. With the door fully closed, check to ensure that the power lock bolt is visible protruding through the track.
2. Press the button on the remote control to open the garage door. The power door lock should retract before the door begins to move.
3. Press the button on the remote control to close the garage door. When the door reaches the fully closed position, the power door lock should automatically activate to secure the door.

NOTE: The power door lock can be manually released by sliding the manual release handle to the open position. However, if the power door lock does not function, contact Chamberlain for a replacement.



WARNING

To prevent possible **SERIOUS INJURY** or **DEATH** from a falling garage door:

- If possible, use emergency release handle to disengage door **ONLY** when garage door is **CLOSED**. Weak or broken springs or unbalanced door could result in an open door falling rapidly and/or unexpectedly.
- **NEVER** use emergency release handle unless garage doorway is clear of persons and obstructions.

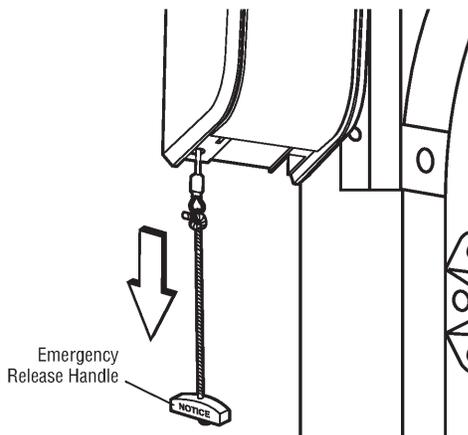
8 Test the Emergency Release

OPEN THE DOOR MANUALLY:

1. Close the garage door. Slide the manual release handle on power door lock to open before proceeding.
2. Pull down on the emergency release handle until you hear a click.
3. Lift the door manually.

RECONNECT THE DOOR TO THE GARAGE DOOR OPENER:

1. Pull down on the emergency release handle until you hear a click. The door will reconnect on the next **UP** or **DOWN** operation.



IMPORTANT SAFETY INSTRUCTIONS

WARNING

To reduce the risk of **SEVERE INJURY** or **DEATH**:

1. Read and follow all warnings and instructions.
2. ALWAYS keep remote controls out of reach of children. NEVER permit children to operate or play with garage door control push buttons or remote controls.
3. ONLY activate garage door when it can be seen clearly, it is properly adjusted, and there are no obstructions to door travel.
4. ALWAYS keep garage door in sight and away from people and objects until completely closed. NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR.
5. NO ONE SHOULD GO UNDER A STOPPED, PARTIALLY OPENED DOOR.
6. If possible, use emergency release handle to disengage trolley ONLY when garage door is CLOSED. Use caution when using this release with the door open. Weak or broken springs or unbalanced door could result in an open door falling rapidly and/or unexpectedly and increasing the risk of SEVERE INJURY or DEATH.
7. NEVER use emergency release handle unless garage doorway is clear of persons and obstructions.
8. NEVER use emergency release handle to pull garage door open or closed. If rope knot becomes untied, you could fall.
9. After ANY adjustments are made, the safety reversal system MUST be tested.
10. Safety reversal system MUST be tested every month. Garage door MUST reverse on contact with 1-1/2" high (3.8 cm) object (or a 2x4 laid flat) on the floor. Failure to adjust the garage door opener properly increases the risk of SEVERE INJURY or DEATH.
11. ALWAYS KEEP GARAGE DOOR PROPERLY BALANCED. An improperly balanced door may NOT reverse when required and could result in SEVERE INJURY or DEATH.
12. ALL repairs to cables, spring assemblies and other hardware, ALL of which are under EXTREME tension, MUST be made by a trained door systems technician.
13. ALWAYS disconnect electric power to garage door opener BEFORE making ANY repairs or removing covers.
14. This garage door opener system is equipped with an unattended operation feature. The door could move unexpectedly. NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR.
15. **SAVE THESE INSTRUCTIONS.**

Operation

Using Your Garage Door Opener

FEATURES

Your garage door opener is equipped with features to provide you with greater control over your garage door operation.

Alert2Close

The Alert2Close feature provides a visual and an audible alert that an unattended door is closing.

TIMER-TO-CLOSE (TTC)

The TTC feature automatically closes the door after a specified time period that can be adjusted using a TTC enabled door control (Multi-Function Wall Control). Prior to and during the door closing the garage door opener lights will blink and the garage door opener will beep. Smart LED Light must be installed to use TTC or myQ to control the door.

myQ

myQ allows you to control your garage door opener from your mobile device or computer from anywhere. myQ technology uses a 900Mhz signal to provide two way communication between the garage door opener and myQ enabled accessories. The garage door opener has an internal gateway that allows the garage door opener to communicate directly with a home Wi-Fi network and access your myQ account.

MEMORY CAPACITY

SECURITY+ 2.0 ACCESSORIES	MEMORY CAPACITY
Remote Controls	Up to 40
Door Controls	Up to 2 Smart Control Panels or 4 of any other Security+ 2.0 door controls
Keyless Entries	Up to 4
myQ Accessories	Up to 16

THE PROTECTOR SYSTEM (SAFETY REVERSING SENSORS)

When properly connected and aligned, the safety reversing sensors will detect an obstruction in the path of the infrared beam. If an obstruction breaks the infrared beam while the door is closing, the door will stop and reverse to full open position. If the door is fully open, and the safety reversing sensors are not installed, or are misaligned, the door will not close from a remote control. However, you can close the door if you hold the button on the door control or keyless entry until the door is fully closed. The safety reversing sensors do not affect the opening cycle. For more information see page 9.

LIGHTS

The garage door opener light will turn on when the opener is initially plugged in; power is restored after interruption, or when the garage door opener is activated. The light will turn off automatically after 4-1/2 minutes.

USING YOUR GARAGE DOOR OPENER

The garage door opener can be activated through a wall-mounted door control, remote control, wireless keyless entry or myQ accessory. When the door is closed and the garage door opener is activated the door will open. If the door makes contact with an obstruction or is interrupted while opening the door will stop, opener beeps and lights blink 5 times. When the door is in any position other than closed and the garage door opener is activated, the door will close. If the garage door opener makes contact with an obstruction while closing, the door will reverse. However, you can close the door if you hold the button on the door control or wireless keypad until the door is fully closed. The safety reversing sensors do not affect the opening cycle. The safety reversing sensor must be connected and aligned correctly before the garage door opener will move in the down direction.

BATTERY BACKUP

The battery backup system allows access in and out of your garage, even when the power is out. When the garage door opener is operating on battery power, the garage door opener will run slower, the light will not function, the Battery Status LED will glow solid orange, and a beep will sound approximately every 2 seconds.

Operation

Connect With Your Smartphone

This WiFi® Garage Door Opener is compatible with up to 16 myQ® enabled accessories that can be controlled using the myQ® app.

You will need:

- Wi-Fi enabled smartphone, tablet or laptop
- Broadband Internet Connection
- Wi-Fi signal in the garage (**2.4 Ghz, 802.11b/g/n required**), see page 3
- Password for your home network (router's main account, not guest network)
- myQ serial number located on the garage door opener

SYNCHRONIZE THE DOOR CONTROL

To synchronize the door control to the garage door opener, press the push bar until the garage door opener activates (it may take up to 3 presses). The garage door opener must run through a complete cycle before it will activate Wi-Fi programming.

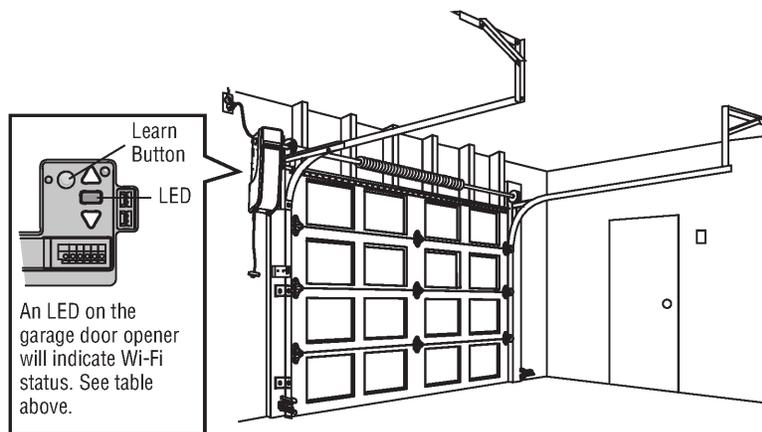
DOWNLOAD THE myQ APP TO SET UP AN ACCOUNT AND CONNECT

Open and close your door, get alerts and set schedules from anywhere. Connected smart garage door openers also receive software updates to ensure the opener has the latest operational features.

1. Download the myQ App.
2. Set up an account and connect.

For more information on connecting your garage door opener, visit support.chamberlaingroup.com.

Wi-Fi Status	
LED	Definition
Blue	Off - Wi-Fi is not turned on. Blinking - Garage door opener is in Wi-Fi learn mode. Solid - Mobile device connected to the garage door opener.
Blue and Green	Blinking - Attempting to connect to router.
Green	Blinking - Attempting to connect to the Internet server. Solid - Wi-Fi has been set up and garage door opener is connected to the Internet.



NOTES:

The myQ Smartphone Control WILL NOT work if the garage door opener is operating on battery power.

To erase the Wi-Fi settings, see page 17.

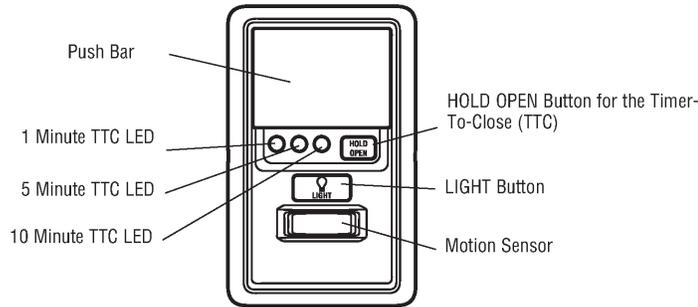
If you need help adding devices to your myQ account, or to learn more go to support.chamberlaingroup.com.

Operation

Using the Door Control

SYNCHRONIZE THE DOOR CONTROL

To synchronize the door control to the garage door opener, press the push bar until the garage door opener activates (it may take up to 3 presses). Test the door control by pressing the push bar, each press of the push bar will activate the garage door opener.



FEATURE	HOW TO
<p>PUSH BAR</p>	<p>Press the push bar to open/close the door.</p>
<p>LOCK</p> <p>Designed to prevent operation of the door from hand-held remote controls. However, the door will open and close from the Door Control, keypad, and myQ® App.</p>	<p>Activate: Press and hold the LOCK button for 2 seconds. The command LED will flash as long as the lock feature is activated and your handheld remote control will not operate your door at this time.</p> <p>Deactivate: Press and hold the LOCK button again for 2 seconds. The command LED will stop flashing and normal operation will resume.</p>
<p>MOTION SENSOR</p> <p>This feature will automatically turn on the garage door opener lights when motion is sensed. The lights will come on for 4-1/2 minutes, then shut off.</p>	<p>Activate/Deactivate:</p> <p>Slide the motion sensor switch ON or OFF.</p>
<p>TIMER-TO-CLOSE (TTC)</p> <p>The TTC feature automatically closes the door after a specified time period (1, 5, or 10 minutes). Once the TTC has been set and the door is open, the LED for the selected close interval will blink and begin to count down to close the door. The control panel will beep and the garage door opener lights will flash before closing the door.</p> <p>The TTC feature will deactivate if the garage door encounters an obstruction twice; or the safety reversing sensors are incorrectly installed. The garage door will reverse open and WILL NOT close until the obstructions are clear or the safety reversing sensors are correctly installed. When the obstruction has been cleared or the safety reversing sensors have been aligned, the door will close when the garage door opener is activated.</p> <p>NOTE: The light must be programmed to the operator for the Timer To Close or myQ® App to be able to close the door unattended.</p>	<p>Activate: Press and hold the ON button until one of the TTC LEDs light up. Then press the ON button again to cycle through the time interval options (the corresponding TTC LED will light for each time interval). The garage door opener light bulbs will blink as confirmation.</p> <p>Deactivate: Press and hold the OFF button until all TTC LEDs turn off and a beep is heard from the control panel.</p> <p>To suspend the TTC: To suspend the TTC and temporarily hold the door open, press and release the HOLD OPEN button (the HOLD OPEN LED will turn solid). The TTC will remain suspended until the HOLD OPEN button is pressed again or the garage door opener is activated from another device (door control, remote control, keypad, etc.).</p>

Operation

Using the Door Control (continued)

FEATURE

LIGHTS:

Press the LIGHT button to turn the garage door opener lights on or off. When the lights are turned on they will stay on until the LIGHT button is pressed again, or until the garage door opener is activated. Once the garage door opener is activated the lights will turn off after the specified period of time (the factory setting is 4-1/2 minutes). The LIGHT button will not control the lights when the door is in motion.

HOW TO:

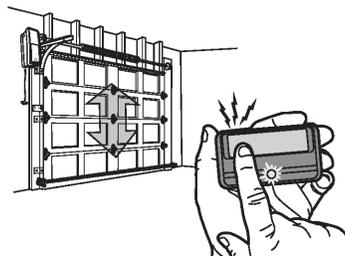
TO CHANGE THE AMOUNT OF TIME THE REMOTE LIGHTS WILL STAY ON:

Press and hold the LOCK button until the garage door opener lights flash. The time interval is indicated by the number of flashes.

NUMBER OF TIMES GARAGE DOOR OPENER LIGHTS FLASH	TIME THE GARAGE DOOR OPENER LIGHT STAYS ON
1	1 ½ Minutes
2	2 ½ Minutes
3	3 ½ Minutes
4	4 ½ Minutes

Using the Remote Control

Press and hold the button down until the door or gate starts to move. The remote control will operate from up to 3 car lengths away on typical installations. Installations and conditions vary, contact an installing dealer for more information.



NOTICE: This device complies with Part 15 of the FCC rules and Industry Canada's license-exempt RSSs. 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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device must be installed to ensure a minimum 20 cm (8 in.) distance is maintained between users/bystanders and device.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules and Industry Canada ICES standard. 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.

Programming

Your hand-held remote control (model 950ESTD) has already been programmed to the door control (Motion-Detecting Control Panel) at the factory. Below are instructions for programming **additional** remote controls, keypads, and myQ® enabled accessories to the door control.

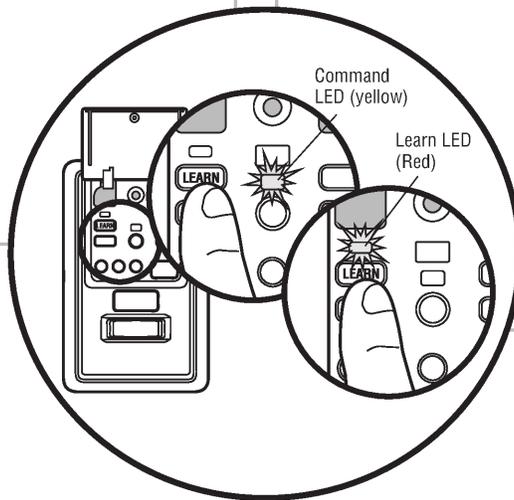
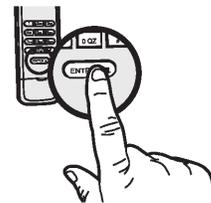
REMOTE CONTROL

1. Press the control panel LEARN button twice, and the red learn LED will turn on.
2. Press the button on the remote control that you wish to operate your garage door.
3. The garage door opener lights will flash (or two clicks will be heard) when the code has been programmed.



MODEL 940ESTD KEYPAD

1. Press the control panel LEARN button twice, the red learn LED will turn on.
2. Enter a 4-digit personal identification number (PIN) of your choice on the keypad. Then press the ENTER button.
3. The garage door opener lights will flash (or two clicks will be heard) when the code has been programmed.



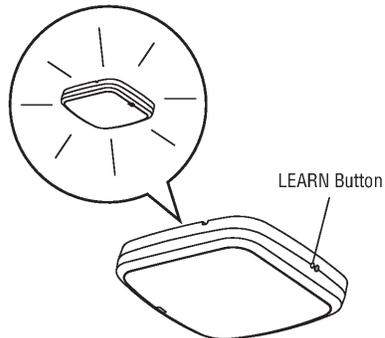
Programming

Program the Smart LED Light

Your garage door opener remote light has already been programmed at the factory to operate with your opener. Any additional or replacement remote lights will need to be programmed.

PROGRAM A DOOR OPENER TO THE SMART LED LIGHT

1. Press the LEARN button on the light until the green LED comes ON.
2. Press the LEARN button on the door opener. **OR** On the Smart Control Panel® go to Menu > Program > myQ Accessory.
3. The code has been programmed when the remote light blinks once.

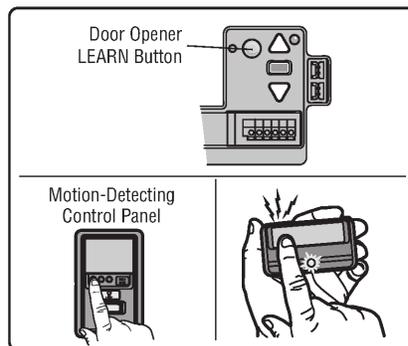


ADD THE SMART LED LIGHT TO myQ ACCOUNT

1. Press the LEARN button on the light until the green LED comes ON.
2. Login to the myQ app and add the Smart LED Light.

TO ERASE ALL PROGRAMMING FROM THE SMART LED LIGHT

1. Press and hold the LEARN button until the LED turns off (6-10 seconds). All programming is now erased.



To Erase the Memory

ERASE ALL REMOTE CONTROLS AND KEYLESS ENTRIES

1. Press and hold the LEARN button on garage door opener until the learn LED goes out (approximately 6 seconds). All remote control and keyless entry codes are now erased. Reprogram any accessory you wish to use.

ERASE ALL DEVICES (Including myQ enabled accessories)

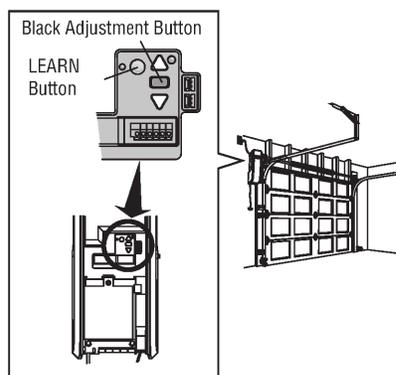
1. Press and hold the LEARN button on garage door opener until the learn LED goes out (approximately 6 seconds).
2. Immediately press and hold the LEARN button again until the learn LED goes out. All codes are now erased. Reprogram any accessory you wish to use.

ERASE THE WI-FI NETWORK FROM THE GARAGE DOOR OPENER

1. Press and hold the black adjustment button on the garage door opener until 3 beeps are heard (Approximately 6 seconds).

ERASE A myQ ACCOUNT

Go to support.chamberlaingroup.com to delete your myQ account.



Programming

HomeLink®

In the rare case the HomeLink system does not program with the Security+ 2.0 Garage door opener, install a repeater kit. Refer to HomeLink instructions below.

HomeLink is the in-vehicle system. The image used is for reference only and your product may look different.

WHEN TO INSTALL A HOMELINK REPEATER KIT

All 2006 and Older vehicles – A repeater kit is required and must be purchased by the homeowner.

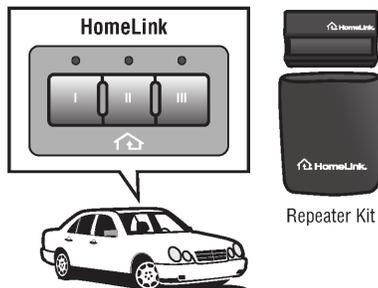
All 2007 and Newer vehicles – Program the HomeLink according to the vehicle instructions. If after ONE attempt to program the HomeLink to the garage door opener and you are unsuccessful, install a repeater.

HOW TO ORDER

Order the HomeLink repeater kit from an installer or call 1-800-355-3515. To program the HomeLink repeater kit, refer to the instructions provided in the kit or visit: <http://www.homelink.com/program>.

ADJUSTMENT QUICK FACTS

- Only one repeater kit is required per home.
- Use different HomeLink buttons in vehicle if programming multiple cars, button 1 first car, button 2 second car... etc.
- HomeLink remote is NOT a garage door opener.
- If you are using the HomeLink repeater with a garage door opener that has a battery backup system, ensure your original garage door opener remote control is programmed to the garage door opener and place it in your glove box for use in the event of a power outage.
- The remote included in this repeater kit MUST be kept for future programming (new vehicle, new garage door opener etc).



Maintenance

Care of Your Garage Door Opener

MAINTENANCE SCHEDULE

EVERY MONTH

- Manually operate door. If it is unbalanced or binding, call a trained door systems technician.
- Check to be sure door opens and closes fully. Adjust limits if necessary (see Adjustment Step 1).
- Repeat the safety reversal test. Make any necessary adjustments (see Adjustment Step 2).

EVERY YEAR

- Oil door rollers, bearings and hinges. The garage door opener does not require additional lubrication. Do not grease the door tracks.

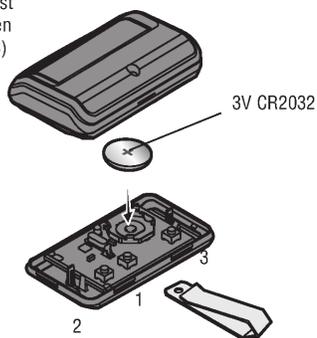
Smart LED Light

- Unplug the light before cleaning.
- Use a lightly dampened cloth for cleaning.
- DO NOT use liquid cleaners on the light lens.

THE REMOTE CONTROL BATTERY

The LED(s) on your remote control will stop blinking when the battery is low and needs to be replaced. To replace battery, open the case as shown. Insert battery positive side up (+). Replace the battery with only 3V CR2032 coin cell batteries. Dispose of old battery properly.

Pry open the case first in the middle (1), then at each side (2 and 3) with the visor clip.



WARNING

To prevent possible **SERIOUS INJURY** or **DEATH**:

- NEVER allow small children near batteries.
- If battery is swallowed, immediately notify doctor.

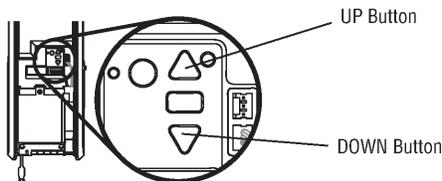
To reduce risk of fire, explosion or chemical burn:

- Replace **ONLY** with 3V CR2032 coin batteries.
- **DO NOT** recharge, disassemble, heat above 212° F (100° C) or incinerate.

Troubleshooting

Diagnostic Chart

Your garage door opener is programmed with self-diagnostic capabilities. The UP and DOWN arrows on the garage door opener blink the diagnostic codes.



DIAGNOSTIC CODE		SYMPTOM	SOLUTION
Up Arrow Blink(s)	Down Arrow Blink(s)		
1	1	The garage door opener will not close.	Safety sensors are not installed, connected or wires may be cut. Inspect sensor wires for a disconnected or cut wire.
1	2	The garage door opener will not close.	There is a short or reversed wire for the safety sensors. Inspect safety sensor wire at all staple points and connection points and replace wire or correct as needed.
1	3	The door control will not function.	The wires for the door control are shorted or the door control is faulty. Inspect door control wires at all staple points and connection points and replace wire or correct as needed.
1	4	The garage door opener will not close, and the lights blink.	Safety sensors are misaligned or were momentarily obstructed. Realign both sensors to ensure both LEDs are steady and not flickering. Make sure nothing is hanging or mounted on the door that would interrupt the sensors path while closing.
1	5	Door moves 6-8" (15-20 cm) stops or reverses.	Manually open and close the door. Check for binding or obstructions, such as a broken spring or door lock, correct as needed. Check wiring connections at travel module and at the logic board. Replace travel module if necessary.
		No movement, only a single click.	Manually open and close the door. Check for binding or obstructions, such as a broken spring or door lock, correct as needed. Replace logic board if necessary.
		Opener hums for 1-2 seconds no movement.	Manually open and close the door. Check for binding or obstructions, such as a broken spring or door lock, correct as needed. Replace motor if necessary.
1	6	Door coast after it has come to a complete stop.	Program travel to coasting position or have door balanced by a trained technician.
2	1-5	No movement or sound.	Replace logic board.
3	1	The garage door opener moves slightly, then stops	Activate the garage door opener again. If problem persists, replace logic board.
3	3	The battery status LED is constantly blinking green.	Battery backup charging circuit error, replace logic board.
3	5	The garage door will not close. Door reverses during close travel direction only.	<ul style="list-style-type: none"> • Check that the CTM Learn is appropriate to the installation. • Check for possible door obstructions and remove. • Replace defective CTMs with good CTMs to clear the error code (see optional CTM accessory).
4	1-4	Door is moving, stops or reverses. Opener beeps and lights blink.	Manually open and close the door. Check for binding or obstructions, such as a broken spring or door lock, correct as needed. If the door is binding or sticking attempt to reprogram travel.
4	5	Opener runs approximately 6-8" (15-20 cm), stops and reverses.	Communication error to travel module. Check travel module connections, replace module if necessary.
4	6	The garage door opener will not close, and the lights blink.	Safety sensors are misaligned or were momentarily obstructed. Realign both sensors to ensure both LEDs are steady and not flickering. Make sure nothing is hanging or mounted on the door that would interrupt the sensor's path while closing.
5	5	The door will not close when using Timer-to-Close or myQ Smartphone Control	Smart LED Light must be installed to use TTC or myQ to control the door. Plug in the Smart LED Light and make sure it is programmed to the garage door opener.

Troubleshooting

Additional Troubleshooting

The garage door opener doesn't operate from either the door control or the remote control:

- Does the garage door opener have electric power? Plug a lamp into the outlet. If it doesn't light, check the fuse box or the circuit breaker. (Some outlets are controlled by a wall switch.)
- Have you disabled all door locks? Review installation instruction warnings on page 8.
- Are the wiring connections correct? Review Installation Step 5.
- Is there a build-up of ice or snow under the door? The door may be frozen to the ground. Remove any restriction.
- The garage door spring may be broken. Have it replaced (see page 3 for reference).

The door opener operates from the single button control station, but not from a remote control:

- Reprogram the remote control and replace the battery if necessary. Repeat with all remote controls.

The door opens and closes by itself:

- Be sure that all remote control push buttons are off.
- Remove the bell wire from the single button control station terminals and operate from the remote only. If this solves the problem, the single button control station is faulty, or there is an intermittent short in the wire. Replace the control station.
- Erase the memory and reprogram all remote controls (refer to the instructions chamberlaingroup.com or visit support.chamberlaingroup.com).

My remote control will not activate the garage door:

- Verify the lock feature is not activated on the door control.
- Reprogram the remote control.
- If the remote control will still not activate the door check the diagnostic codes to ensure the garage door opener is working properly.

The remote control has short range:

- Change the location of the remote control in your car.
- Some installations may have shorter range due to a metal door, foil backed insulation, or metal garage siding.

The door stops or reverses to open limit and the opener beeps and lights flash 5 times:

- Is something obstructing the door? Is it out of balance, or are the springs broken? Remove the obstruction or call a trained door system technician to repair the door.

The door doesn't open completely:

- Check power door lock.

The door opens but won't close:

- The safety reversing sensor must be connected and aligned correctly before the door opener will move in the down direction. If you are able to close the door using constant pressure, verify the safety reversing sensors are properly installed, aligned and free of any obstructions (see page 13).

The door reverses for no apparent reason:

- Clear any ice or snow from the garage floor area where the door closes.
- Review Adjustment Step 1.

Repeat safety reverse test after adjustments.

My door will not close:

- The safety reversing sensor must be connected and aligned correctly before the garage door opener will move in the down direction.
 - Verify the safety reversing sensors are properly installed, aligned and free of any obstructions.

The garage door opener strains to operate door:

- The door may be out of balance or the springs may be broken. Close the door and use the emergency release handle to disconnect the door. Open and close the door manually. A properly balanced door will stay in any point of travel while being supported entirely by its springs. If it does not, disconnect the garage door opener and call a trained door systems technician.

The garage door opener motor hums briefly, then won't work:

- The garage door springs may be broken. See above.
- If the problem occurs on the first operation of the garage door opener, door may be locked. Disable the power door lock.

The garage door opener won't operate due to power failure:

- Manually open the power door lock.

Troubleshooting

Additional Troubleshooting (Continued)

- Use the emergency release handle to disconnect the door. The door can be opened and closed manually. When power is restored, pull manual release a second time.
- When in Battery Backup mode, the opener should be able to operate up to 20 times.
- Disable any door locks. Use the emergency release handle to disconnect the door. The door can be opened and closed manually. When power is restored, pull manual release a second time.
- When in battery backup mode, battery power will last for 30 hours or up to 20 cycles over a 24 hour period.

Door loses limits:

- Collar not tightened securely. Tighten collar and reprogram limits (see Adjustment Step 3).

The garage door opener moves when the door is in operation:

- Some minor movement is normal for this product. If it is excessive the collar will wear prematurely.
- Check to make sure the torsion bar is not moving left/right excessively.
- Check to make sure the torsion bar is not visibly moving up and down as it rotates.
- Check that the opener is mounted at a right angle to the jackshaft. If not, move the position of the mounting bracket.

Automatic door lock connector will not fit the door opener plug:

Older model 24V door locks are incompatible. Use automatic door lock model 841LM, see Accessories page.

Automatic garage door lock does not activate when garage door opens or closes:

In battery backup mode, the automatic garage door lock will unlock when the garage door is opened, and will remain disabled until power is restored.

The door opener is beeping:

- Indicates unattended closure. The opener has been activated by the myQ App or the Garage and Gate Monitor.
- A solid orange LED with beep, sounding approximately every 2 seconds, indicates the door opener is operating on battery power.
- A blinking orange LED with beep, sounding every 30 seconds, indicates the battery is low.
- A solid red LED with beep, sounding every 30 seconds, indicates the 12V battery will no longer hold a charge and needs to be replaced.

The garage door is beeping and the red LED is blinking:

The battery charge is low or the battery is dead.

- Replace the battery.

myQ Smartphone Control, wireless myQ devices, and Timer-To-Close will not work:

- When in Battery Backup mode, myQ Smartphone Control, wireless myQ devices and Timer-To-Close will be disabled.
- Smart LED Light must be installed to enable use of Timer-to-Close or myQ Smartphone Control of the door. Plug in the Smart LED Light and make sure it is programmed to the garage door opener. It may take up to 5 minutes to enable Timer-to-Close and myQ Smartphone Control.

Door travels faster or slower than expected:

- Verify your drum setting is appropriate via the steps shown on page 7 in the manual.

Door speed varies over travel:

- Verify your drum setting is appropriate via the steps shown on page 7 in the manual.

Cable unspooling upon obstruction near top limit

- If cable unspools, please contact a Professional Door Dealer for service.

NOTICE: This device complies with part 15 of the FCC rules and Innovation, Science and Economic Development Canada license-exempt RSSs. 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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

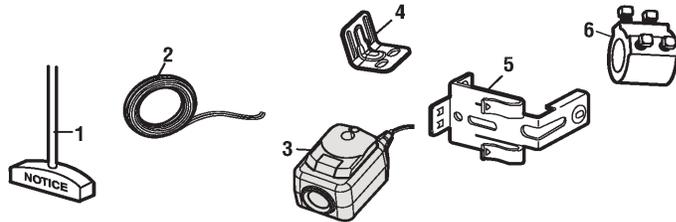
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This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules and Industry Canada ICES standard. These limits are designed to provide reasonable protection against harmful interference 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.

Repair Parts

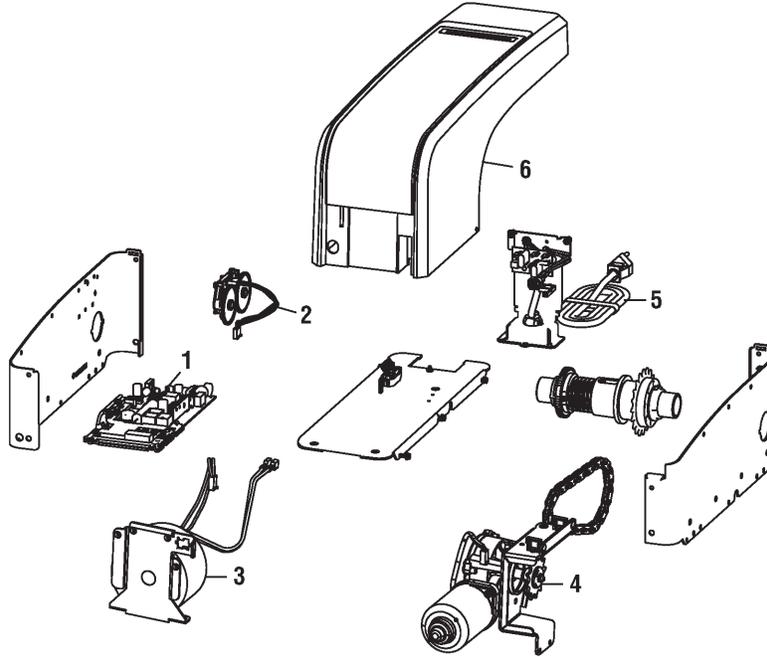
Installation Parts



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	041A4582	Emergency release rope and handle assembly	4	041C0902	Mounting bracket
2	041B4494-1	2-Conductor bell wire - white and white/red	5	041-0155-000	Safety reversing sensor brackets (2)
3	041-0136	Safety Reversing Sensor kit (receiving and sending sensors) with 2-conductor bell wire attached	6	041D8615	Collar with set screws

Repair Parts

Garage Door Opener Assembly Parts



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	041DJ003MC	Logic board	5	041D0190	Power cord
2	041B8861	Travel module with wire harness	6	041-0407-000	Cover
3	041C0296	Transformer			NOT SHOWN
4	041D1624-2	Motor		041-0408-000	Battery door and logic board door

Contact Information

STOP!

This garage door opener WILL NOT work until the safety reversing sensors are properly installed and aligned.

Address repair parts order to:
The Chamberlain Group, Inc.
 6020 S. Country Club Rd.
 Tucson, AZ 85706

For installation and service information,
 visit us online at:
support.chamberlaingroup.com

Before calling, please have the model number of the garage door opener. If you are calling about a troubleshooting issue, it is recommended that you have access to your garage door opener while calling. If you are ordering a repair part please have the following information: part number, part name, and model number.

Accessories

Explore accessories and replacement parts at www.Chamberlain.com.

G940EV-P2

Wireless Keypad:

For use outside of the home to enable access to the garage using a 4-digit PIN. Works with ALL Chamberlain openers from 1993-present. myQ® compatible.



G953EV

3-Button Remote Control:

Includes visor clip.



G956EV

Keychain Remote Control

Works with ALL Chamberlain openers from 1993-present. myQ® compatible. With key ring.



041A5281-1

Extension Brackets:

(Optional) For safety reversing sensor installation onto the wall or floor.



PROVIDED ACCESSORIES

G950ESTD

Remote Control:

Includes visor clip.



041A7327-1

Motion-Detecting Control Panel



MYQLED1

Smart LED Light

Enables homeowner to turn on a work light from their car with their garage door opener remote or from anywhere in their home with an additional Chamberlain® remote.



Warranty

CHAMBERLAIN LIMITED WARRANTY

Chamberlain Group ("Seller") warrants to the first retail purchaser of this product, for the residence in which this product is originally installed, that it is free from defects in materials and/or workmanship for a specific period of time as defined below (the "Warranty Period"). The warranty period commences from the date of purchase.

WARRANTY PERIOD			
Parts	Motor	Accessories	Battery Backup
5 years	Lifetime	1 year	1 year

The proper operation of this product is dependent on your compliance with the instructions regarding installation, operation, and maintenance and testing. Failure to comply strictly with those instructions will void this limited warranty in its entirety.

If, during the limited warranty period, this product appears to contain a defect covered by this limited warranty, call 1-800-528-9131, toll free, before dismantling this product. You will be advised of disassembly and shipping instructions when you call. Then send the product or component, pre-paid and insured, as directed to our service center for warranty repair. Please include a brief description of the problem and a dated proof-of-purchase receipt with any product returned for warranty repair. Products returned to Seller for warranty repair, which upon receipt by Seller are confirmed to be defective and covered by this limited warranty, will be repaired or replaced (at Seller's sole option) at no cost to you and returned pre-paid. Defective parts will be repaired or replaced with new or factory rebuilt parts at Seller's sole option. [You are responsible for any costs incurred in removing and/or reinstalling the product or any component.]

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Some states and provinces do not allow the exclusion or limitation of consequential, incidental or special damages, so the above limitation or exclusion may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights, which vary from state to state and province to province.

Automatic Garage Door Opener Safety & Maintenance Guide

Garage Door Opener Safety – An Automatic Decision

A garage door is the largest moving object in the home. An improperly adjusted garage door and opener can exert deadly force when the door closes – which could lead to entrapment of children or adults and subsequent injury or death.

Proper installation, operation, maintenance, and testing of the garage door and automatic opener are necessary to provide a safe, trouble-free system.

Careless operation or allowing children to play with or use garage door opener controls are also dangerous situations that can lead to tragic results. A few simple precautions can protect your family and friends from potential harm.

Please review the safety and maintenance tips in this brochure carefully and keep it for reference. Check the operation of your garage door and opener to ensure they function in a safe and trouble-free manner.

Be sure to read all Important Safety Information found in your garage door opener's manual as it provides more details and safety considerations than can be supplied with this brochure.

Garage Door Openers are Not Toys

Discuss garage door and opener safety with your children. Explain the danger of being trapped under the door.



Stay away from a moving door.



Keep transmitters and remote controls out of reach of children. Do not let children play with or use transmitters or other remote control devices.



The wall-mounted push button should be out of reach of children, at least 5 feet from the nearest standing surface and away from all moving parts. Mount and use the button where you can clearly see the closing garage door.



Keep the door in sight until it completely closes when using the wall-mounted push button or transmitter.

Routine Maintenance Can Prevent Tragedies

Make monthly inspection and testing of your garage door and opener system a part of your regular routine. Review your owner's manual for both the door and door opener. If you don't have the owner's manuals, contact the manufacturer(s) and request a copy for your specific model(s). Look for the opener model number on the back of the power unit.



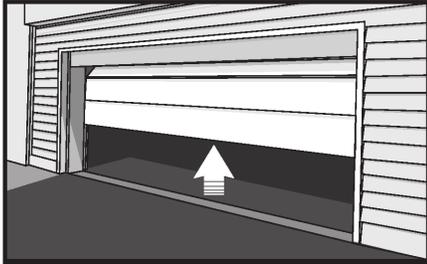
WARNING – Springs are under high tension. Only qualified individuals should adjust them.

Visually check the door and installation:



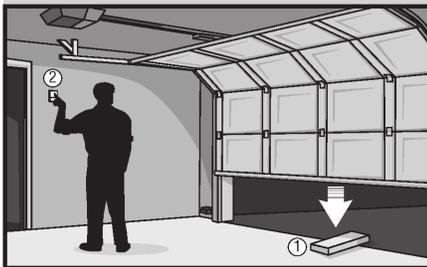
- Starting with the door in the closed position, use the manual disconnect on the opener to disconnect the door.
- Look for signs of wear or damage on hinges, rollers, springs, and door panels.
- These parts may require periodic lubrication. Check the owner's manual for suggested maintenance.
- If any signs of damage are evident, contact a trained door systems technician for assistance.
- Verify the photoeye height is no higher than 6" from the garage floor.

Test the door for proper operation:



- Open and close the door manually using handles or suitable gripping points.
- The door should move freely and without difficulty.
- **The door should balance and stay partially open 3–4 feet above the floor.**
- If you detect any signs of improper operation, contact a trained door systems technician for assistance.

Test the opener safety features:



- Reconnect the opener to the door using the manual disconnect and open the door.
- Place a 2x4 board flat in the path of the door (1) and try to close it (2). The door should stop when it comes in contact with the 2x4 and then reverse direction.
- Block the photoelectric sensor by waving an object in front of the sensor and attempt to close the door. The door should not close unless the wall-mounted push button is manually held during operation.
- If the opener does not perform as described, contact a trained door systems technician for assistance.

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