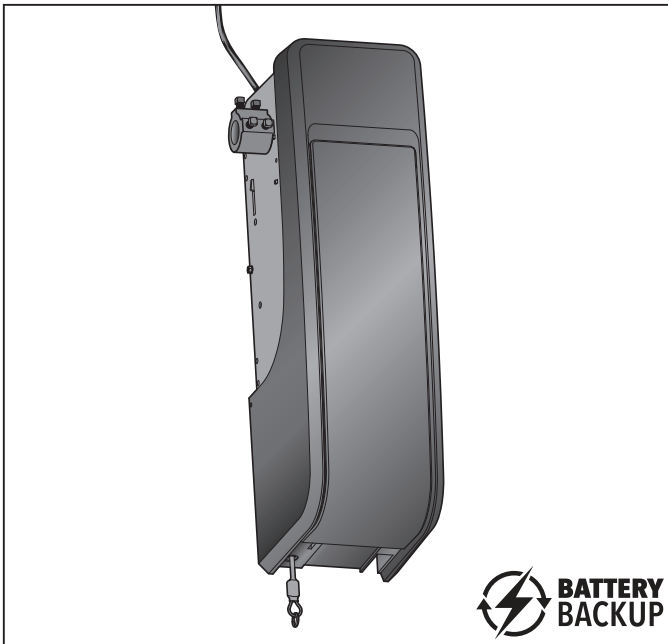


# CHAMBERLAIN

## Wall Mount Garage Door Opener Model RJO70

For Residential Use  
Install On Sectional Doors With Torsion Assemblies Only

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This product is not intended for use on low headroom tracks with outside pickup drum or garage doors utilizing extension springs. For advanced or customized adjustments, door springs, and/ or track configurations, contact a trained door systems technician.

- Please read this manual and the enclosed safety materials carefully!
- Fasten the manual near the garage door after installation.
- The door **WILL NOT CLOSE** unless the Protector System® and cable tension monitor are connected and properly aligned.
- Periodic checks of the garage door opener are required to ensure safe operation.
- This garage door opener is **ONLY** compatible with myQ® accessories.
- The model number label is located behind the hinged door of your opener.

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## Preparation

### 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.



**WARNING**

Mechanical

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.



**WARNING**

Electrical



**CAUTION**

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.

### UNATTENDED OPERATION

The Timer-to-Close (TTC) feature, the myQ® App, and myQ® Garage Door 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 Smart LED light must be installed to enable use of Timer-To-Close or myQ® App control of the door.



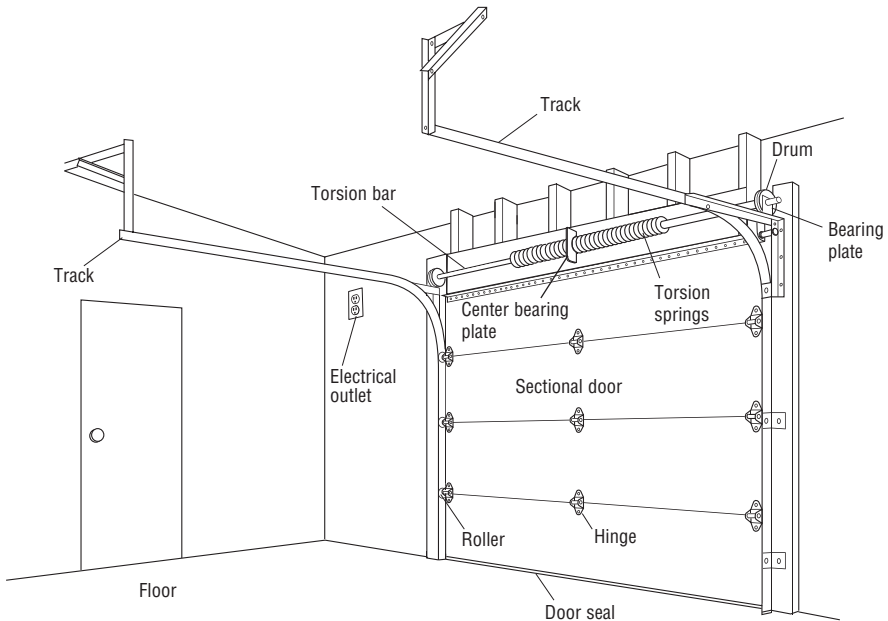
**WARNING:** This product can expose you to chemicals including lead, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# Preparation (continued)

## Glossary

Here are some basic terms you may encounter as you prepare and install your garage door opener.

Term	Definition
<b>Bearing Plate</b>	Acts as a support for the torsion bar. The bearing and mounting plate are typically located above the garage door.
<b>Cable Tension Monitor</b>	The cable tension monitor detects any slack in the garage door cables. Failure to properly install the cable tension monitor may cause the cables to be thrown and may result in a hazardous situation. (Not shown below)
<b>Door Seal</b>	The door seal is located at the bottom of the door and helps to keep outdoor elements from entering the garage.
<b>Drum</b>	Drums are round, grooved spools on the torsion bar that keep door cables orderly.
<b>Extension Springs</b>	Extension springs are <b>NOT</b> compatible with this opener. Extension springs are typically mounted along the horizontal section of the track and extend from the front of the door opening to the back hang. The springs are intended to make a door lighter so you can easily open and close the door by hand.
<b>High Lift Sectional Door</b>	A type of garage door constructed with multiple panels that slide along a track inside the garage. The track runs vertically up the wall beyond the top of the door opening several inches before encountering the curve in the track. The extended distance above the top of the garage door determines the amount of a high lift.
<b>Protector System®</b>	The Protector System® is composed of a set of sensors and transmitters that act as a safety measure to prevent personal injury or property damage caused by a closing garage door. See also: <b>Safety Reversing Sensor.</b>
<b>Roller</b>	Small wheels which allow the door to move up and down the track.
<b>Safety Reversing Sensor</b>	The safety reversing sensors are a set of sensor eyes that detect obstructions in the path of the garage door. If an obstruction is found, the sensors tell the door to reverse direction. (Not shown below)
<b>Torsion Springs</b>	A torsion spring is a type of spring that counter balances the garage door. The torsion spring is located above the door on the torsion bar. The springs are intended to make a door lighter so you can easily open and close the door by hand. Consult a trained door systems technician if you need the springs adjusted or replaced.
<b>Torsion Bar</b>	A torsion bar is a horizontal metal bar mounted above the garage door. The torsion springs are located on the torsion bar. Most torsion bars are hollow, while some are solid. Some solid torsion bars may have a groove called a keyway that runs the length of the bar.



# Preparation (continued)

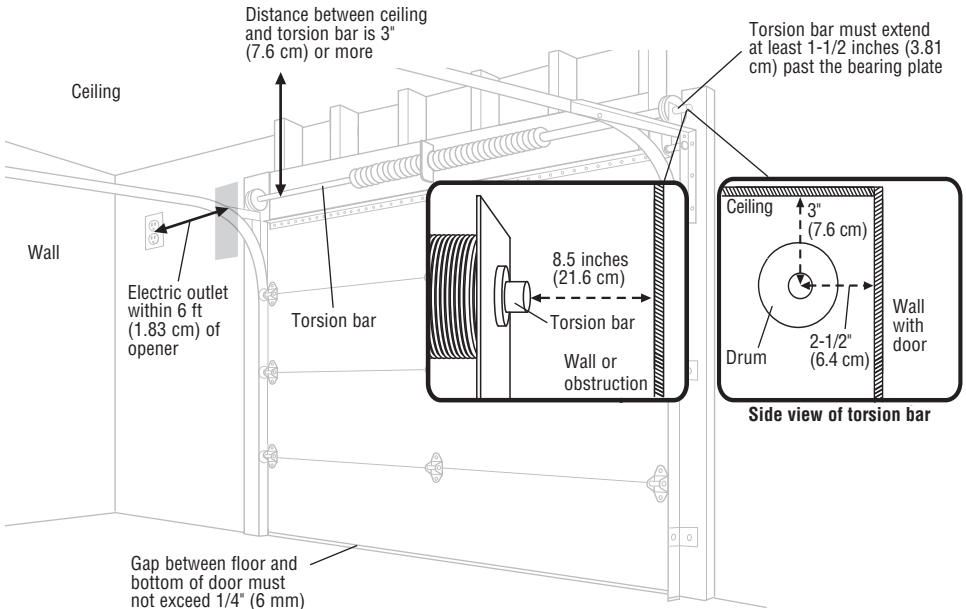
## Is Your Garage Ready?

Use this check list to see if your garage is compatible with the garage door opener requirements. Note that you can install the garage door opener on either the left or the right side of the garage door.

**IMPORTANT: Your garage MUST meet the following requirements to install this opener to ensure safe and proper operation. If your door does not meet these criteria, you must choose a different model of operator. If your torsion bar, power source and/or drums do not meet the requirements, contact a trained door systems technician.**

### REQUIREMENTS CHECK LIST

- Sectional garage door:**
  - Standard sectional door up to 14 feet (4.3 m) high, but only up to 180 sq. ft. (16.7 sq. m).
  - Standard sectional doors up to 18 feet (5.5 m) wide, but only up to 180 sq. ft. (16.7 sq. m)
  - Standard sectional high lift door (up to 54 inches (137.2 cm) of high lift)
  - 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.
- Torsion bar and torsion springs:**
  - Torsion bar is 1 inch (2.5 cm) diameter.
  - Torsion bar must extend at least 1-1/2 inches (3.81 cm) past the bearing plate and be free of damage.
  - Distance between ceiling and center of torsion bar is 3 inches (7.6 cm) or more.
  - Distance between garage wall the torsion bar is mounted on and center of torsion bar is 2-1/2 inches (6.4 cm) or more.
  - A minimum of 8.5 inches (21.6 cm) between the side garage wall (or obstruction) and the end of the torsion bar.
- Drums:**
  - NOT compatible with reverse wound drums.
  - Must be 4-6 inches (10-15 cm) diameter.
  - 3-3.9 inch (7.6-9.9 cm) diameter drums may be used on doors up to 430 lbs (194kgs).
- Power:**
  - An electric outlet must be accessible within a 6 foot (1.83 m) diameter of the installation area for the opener. The outlet must be 120 VAC - 60 Hz **ONLY**. Contact a qualified electrician if you need an outlet installed.
- Previously installed garage door opener has been removed completely.**



# Preparation

## Before You Connect with Your Smartphone

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

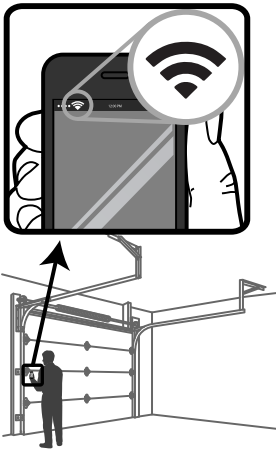
### BEFORE YOU BEGIN:

You will need:

- Wi-Fi® enabled smartphone or tablet
- 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 [www.chamberlain.com/Customer-Support](http://www.chamberlain.com/Customer-Support)  
See page 31 to connect the garage door opener to a mobile device.

# Preparation (continued)

## **! 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.

## **! CAUTION**

To prevent damage to garage door and opener:

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

## Prepare your Garage Door

- \_\_\_ 1. Uninstall previous garage door opener.
- \_\_\_ 2. Disable locks.
- \_\_\_ 3. Remove any ropes connected to the garage door.
- \_\_\_ 4. 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.

Complete the test below to make sure the garage door is balanced and is not sticking or binding.

- \_\_\_ 1. Lift the door 3-4 feet off the ground. 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.

*If your door binds, sticks, or is out of balance, contact a trained door systems technician **BEFORE** you install this opener.*



### **SPECIFICATIONS**

Volts .....	120 Vac - 60 Hz, ONLY
Current .....	1.5 AMP
LED Light Current (independently powered) .....	.02 AMPS

# Preparation (continued)

## Carton Inventory

Save the carton and packing material until the installation and adjustment is complete. The images throughout this manual are for reference only and your product may look different.

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

## ACCESSORIES

<p>Motion-Detecting Control Panel</p>	<p>1-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>

## INCLUDED HARDWARE

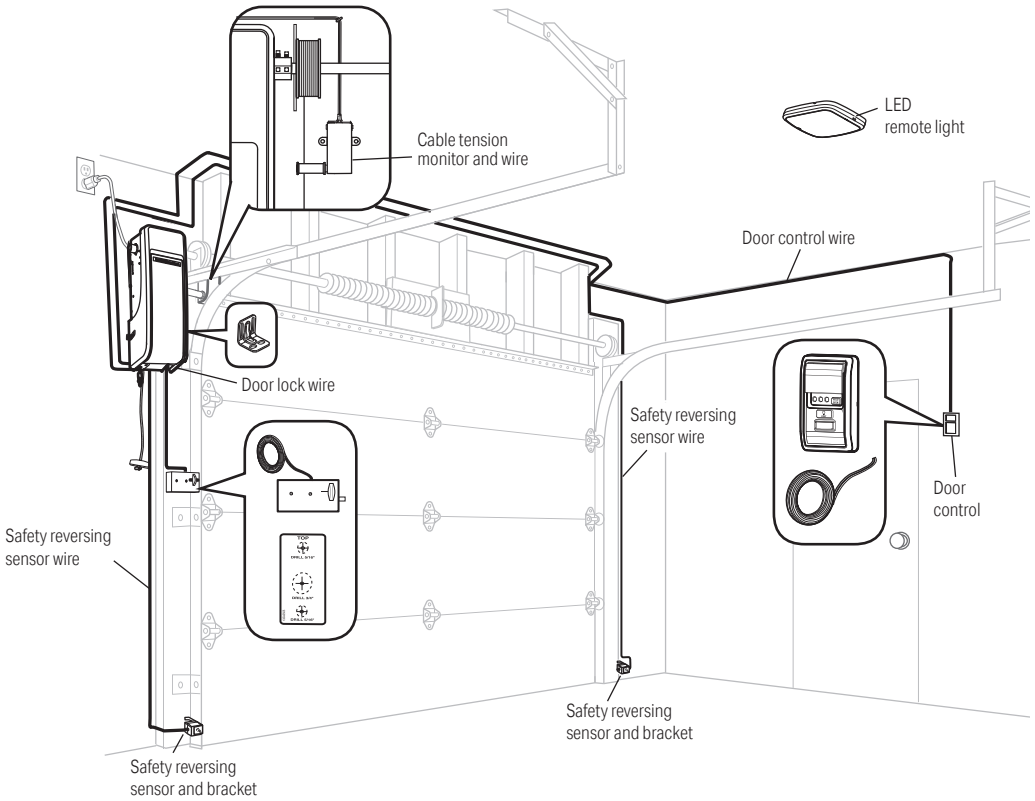
<p>Screw #10-32 (2)</p>	<p>Screw 14-10x2 (4)</p>	<p>Screw #8-32x1* (2)</p>	<p>Drywall Anchor (screw-in) (2)</p>	<p>Drywall Anchors (2)</p>
<p>Screw 1/4"-20x1/2 (2)</p>	<p>Screw 6-32x1* (pre-wired) (2)</p>	<p>Screw 6ABx1-1/4* (Standard installation) (2)</p>	<p>Rope</p>	<p>Wing Nut 1/4"-20 (2)</p>
				<p>Carriage Bolt 1/4"-20x1/2 (2)</p>

## REMOTE LIGHT HARDWARE

<p>Drywall Anchor (screw-in) (2)</p>	<p>Screw #6x1 (2)</p>

# Preparation (continued)

## Overview of Installation



### ADDITIONAL ITEMS YOU MAY NEED FOR THE INSTALLATION:

Survey your garage area to see if you will need any of the following items:

- Wood blocks and/or shimming material.
  - Used to mount the cable tension monitor.
- Fastening hardware.
  - Alternate floor mounting of the safety reversing sensor will require hardware not provided.
- Extension brackets (Model 041A5281-1) or wood blocks and shimming material.
  - Used to position the garage door opener during installation and for testing the safety reversing sensors if installed on the wall or floor.



# Installation

## IMPORTANT INSTALLATION INSTRUCTIONS

### **WARNING**

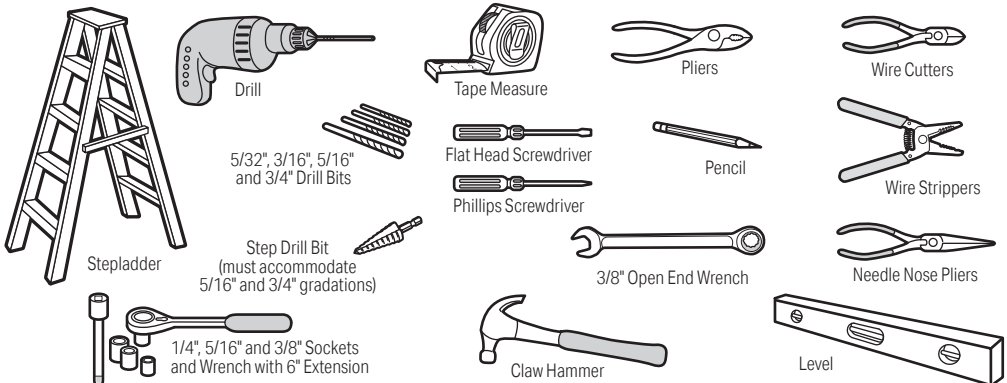
## To reduce the risk of SEVERE INJURY or DEATH:

1. Read and follow all warnings and instructions.
2. Install garage door opener ONLY on properly balanced and lubricated garage door. An improperly balanced door may NOT reverse when required and could result in SEVERE INJURY or DEATH.
3. ALL repairs to cables, spring assemblies and other hardware MUST be made by a trained door systems technician BEFORE installing opener.
4. Disable ALL locks and remove ALL ropes connected to garage door BEFORE installing opener to avoid entanglement.
5. Where possible, install the door opener 7 feet (2.13 m) or more above the floor.
6. Mount the emergency release within reach, but at least 6 feet (1.83 m) above the floor and avoiding contact with vehicles to avoid accidental release.
7. NEVER connect garage door opener to power source until instructed to do so.
8. NEVER wear watches, rings or loose clothing while installing or servicing opener. They could be caught in garage door or opener mechanisms.
9. Install wall-mounted garage door control:
  - within sight of the garage door.
  - out of reach of small children at a minimum height of 5 feet (1.53 m) above floors, landings, steps or any other adjacent walking surface.
  - away from ALL moving parts of the door.
10. Install the emergency release marking. Attach the marking on or next to the emergency release. Install the entrapment warning placard next to the door control in a prominent location.
11. Place emergency release/safety reverse test label in plain view on inside of garage door.
12. Upon completion of installation, test safety reversal system. Door MUST reverse on contact with a 1-1/2" (3.8 cm) high object (or a 2x4 laid flat) on the floor.
13. To avoid SERIOUS PERSONAL INJURY or DEATH from electrocution, disconnect ALL electric and battery power BEFORE performing ANY service or maintenance.

## SAVE THESE INSTRUCTIONS.

### Tools You Will Need

During assembly, installation and adjustment of the garage door opener, you will need these tools.



# Installation (continued)

## 1 Attach the Collar to the Garage Door Opener

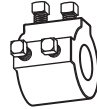
The garage door opener can be installed on either side of the door; see "Is Your Garage Ready?" on page 4. The illustrations shown are for installation on the left side.

1. Loosen the preset collar screws with the 3/8" open end wrench.
2. Slide the collar onto the garage door opener shaft until it stops.
3. Position the collar so the screws are facing out and accessible when attached to the torsion bar.
4. Tighten the 2 square head set screws by hand until they contact the torsion bar. Then, use a socket wrench to finish tightening the set screws by turning them 1/4 - 1/2 turn.
5. Loosely attach slotted side of mounting bracket to the same side of the garage door opener as the collar, using screws provided. **NOTE: Do not tighten mounting bracket screws until instructed.**

### **WARNING**

To prevent possible **SERIOUS INJURY** or **DEATH**, the collar **MUST** be properly tightened. The door may not reverse correctly or limits may be lost due to collar slip.

#### YOU WILL NEED



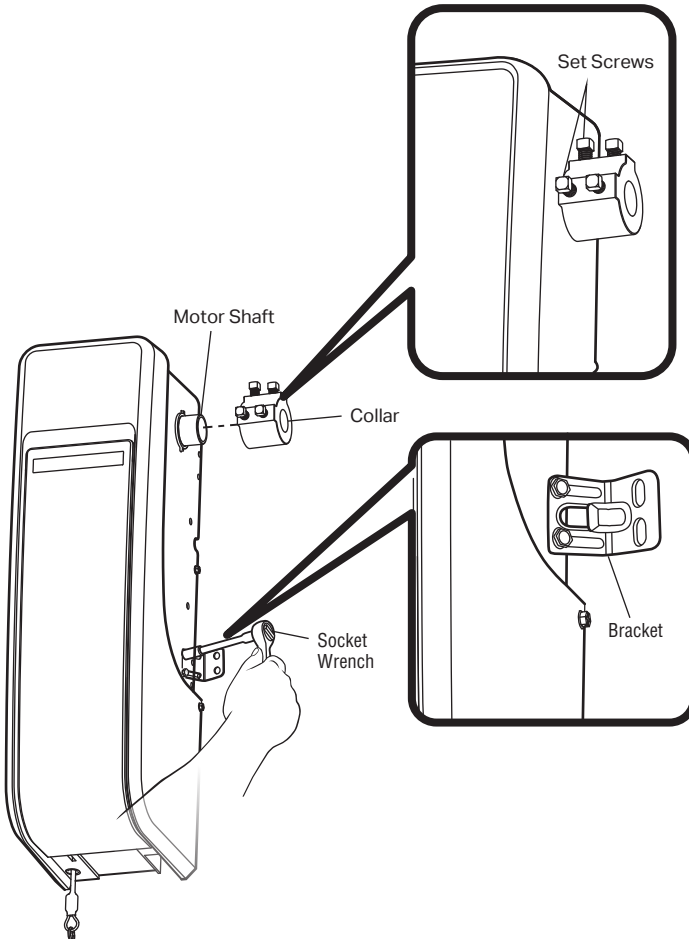
Collar



Screw  
#10-32 (2)



Mounting  
bracket



## Installation (continued)

### 2 Position and Mount the Garage Door Opener

1. Close the garage door completely.
2. Slide the garage door opener onto the end of the torsion bar. Ensure the collar does NOT touch the bearing plate.
3. Use a level to align the garage door opener parallel to the door. Verify the mounting bracket installation wall is a solid surface, such as wood, concrete or a door/flag bracket.

**IMPORTANT:** If installing on drywall, the mounting bracket **MUST** be attached to a stud.

4. When the garage door opener is properly aligned, mark the mounting bracket holes. If necessary, tighten collar screws on the torsion bar to hold garage door opener in place while marking holes.

**NOTE:** The garage door opener does not have to be flush to the wall.

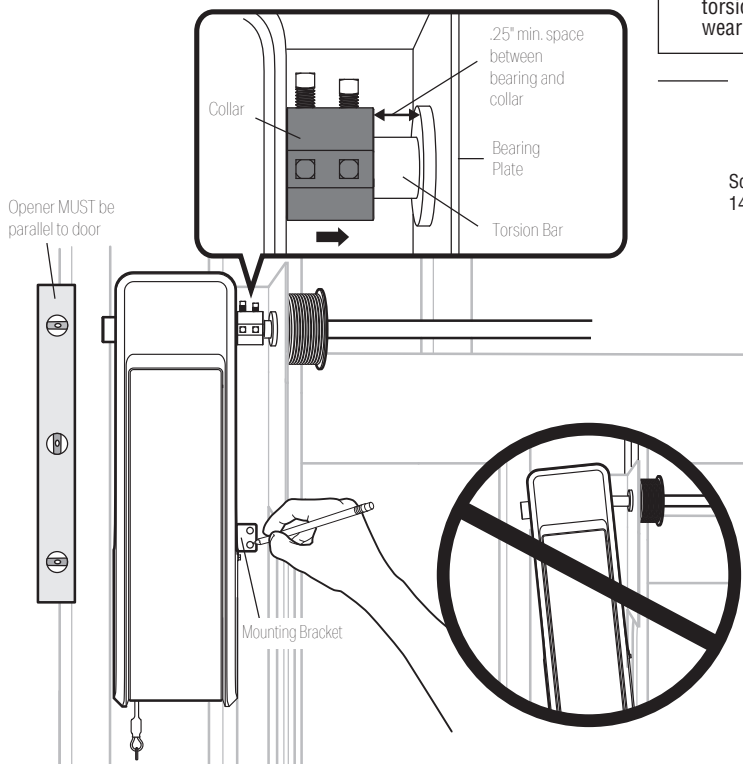
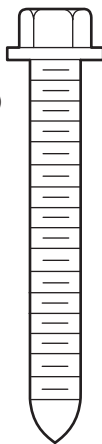
### **WARNING**

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

- Concrete anchors **MUST** be used if mounting bracket into masonry.
- **NEVER** try to loosen, move or adjust garage door, springs, cables, pulleys, brackets or their hardware, **ALL** of which are under **EXTREME** tension.
- **ALWAYS** call a trained door systems technician if garage door binds, sticks or is out of balance. An unbalanced garage door might **NOT** reverse when required.
- Garage door opener **MUST** be mounted at a right angle to the torsion bar to avoid premature wear on the collar.

#### YOU WILL NEED

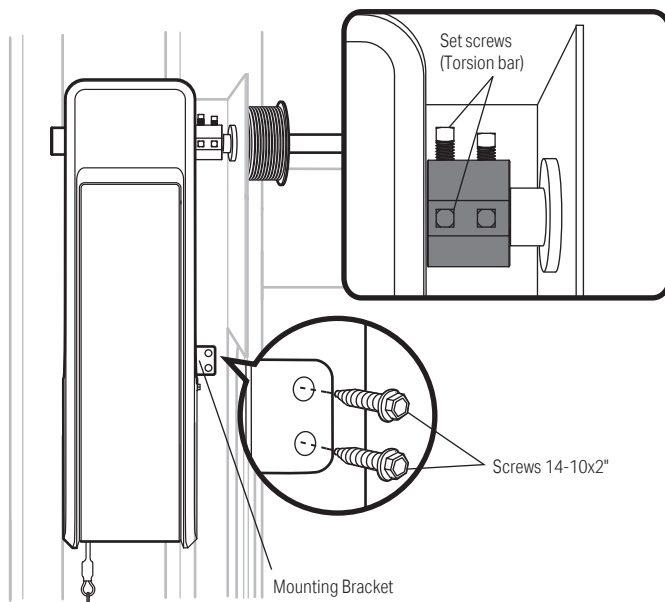
Screw  
14-10x2" (2)



## Installation (continued)

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5. Remove the garage door opener from torsion bar.
6. Drill 3/16 inch pilot holes at the marked locations. Drill through metal door rail plates if necessary.
7. Slide the garage door opener back onto the torsion bar until pilot holes align with bracket.
8. Tighten the 2 square head set screws on the torsion bar. For a hollow torsion bar, tighten screws 3/4 - 1 full turn after making contact with the bar. For a solid shaft torsion bar, tighten screws 1/4 - no more than 1/2 turn after making contact with the shaft. If installing on a keyed torsion bar, DO NOT tighten the screws into the keyway.
9. Secure the mounting bracket to the wall and to the garage door opener. Use the 14-10x2" screws to secure the mounting bracket to the wall.



**NOTE:** Due to torsion bars being out-of-round, the operator may wobble during operation. This is normal.

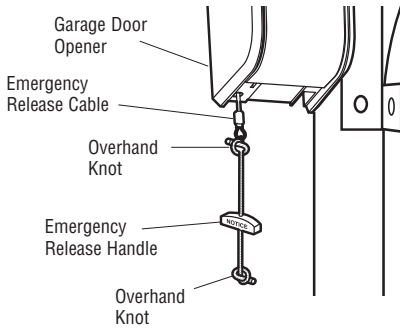
## Installation (continued)

### 3 Attach the Emergency Release Rope and Handle

1. Thread one end of the rope through the hole in the top of the red handle so "NOTICE" reads right side up. Secure with an overhand knot at least 1 inch (2.5 cm) from the end of the rope to prevent slipping.
2. Thread the other end of the rope through the loop in the emergency release cable. Adjust rope length so the handle is within reach but is no lower than 6 feet (1.83 m) above the floor, and avoid contact with vehicles to avoid accidental release. Secure with an overhand knot.

**NOTE:** If it is necessary to cut the rope, heat seal cut rope end with a match or lighter to prevent unraveling.

3. Place emergency release/safety reverse test label in plain view on the inside of the door.

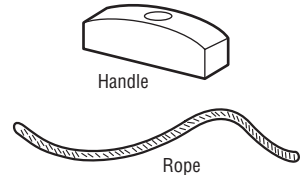


### **!** WARNING

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

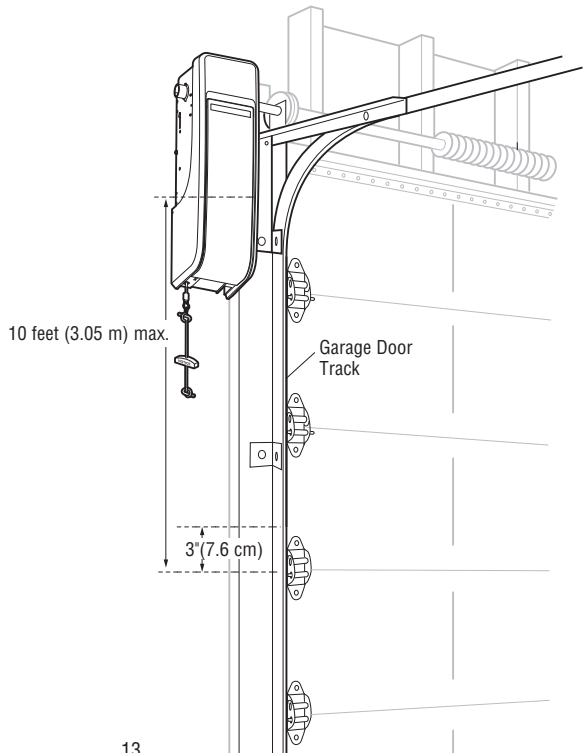
- If possible, use emergency release handle to disengage door **ONLY** when garage door is **CLOSED**. Weak or broken springs or unbalanced door could result in an open door falling rapidly and/or unexpectedly.
- **NEVER** use emergency release handle unless garage doorway is clear of persons and obstructions.

### YOU WILL NEED



### 4 Power Door Lock Location

1. Determine where to install the power door lock.
  - Mount the door lock on the same side as the opener. The third roller from the floor is ideal for most installations.
  - The power door lock **MUST** be mounted within 10 feet (3.05 m) of garage door opener with approximately a 3 inch (7.6 cm) distance between the center of a door roller and the hole for the power door lock bolt.

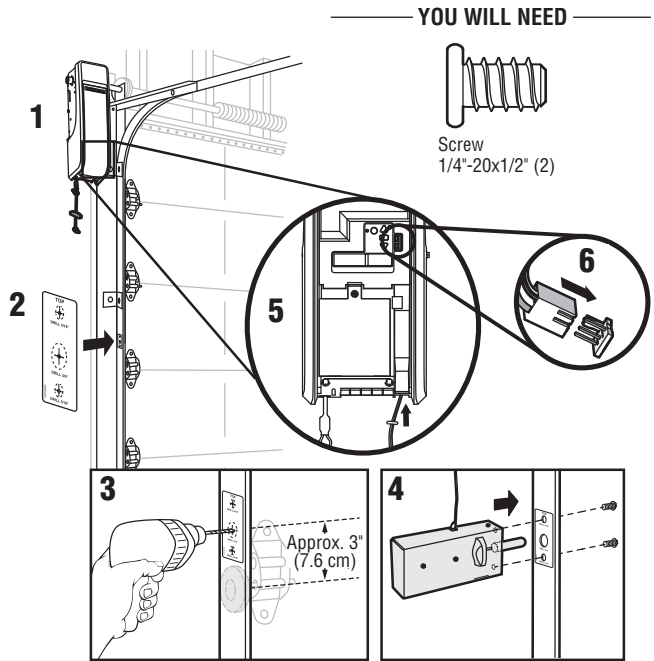


# Installation (continued)

## 5 Install Power Door Lock

1. Pull down on the manual release to disengage the door and open the door manually.
2. Clean track surface, and attach lock template to the track.
3. Drill holes as marked on the template. You may find it useful to pre-drill the holes with a smaller bit before proceeding to larger sizes, or use a step drill bit.
4. Fasten power door lock to the outside of the garage door track with 1/4"-20x1/2" screws provided.
5. Run wire up wall to garage door opener. Use insulated staples to secure wire in several places.
6. Insert wire through the bottom of the garage door opener and plug the connector into the garage door opener.

A secondary door lock can be installed on the opposite side of the door by following the instructions above.



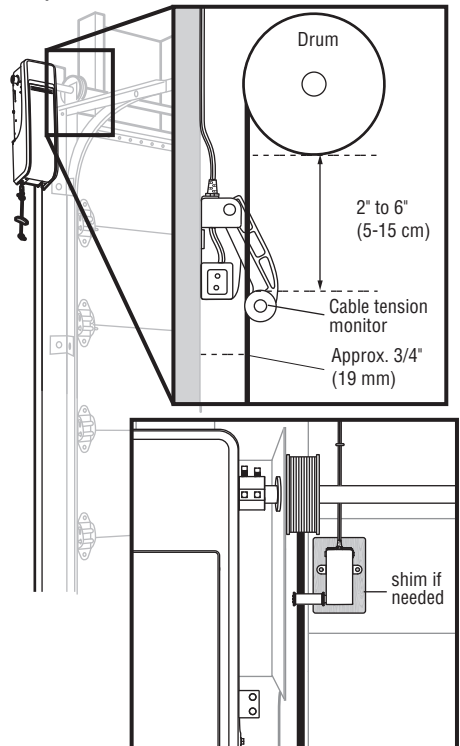
## 6 Position the Cable Tension Monitor (Required)

The cable tension monitor detects any slack in the garage door cables. When slack is detected, the garage door opener stops the door from closing, and reverses the door to stay open. The cable tension monitor **MUST** be connected and properly installed **BEFORE** the garage door opener will move in the down direction.

The cable tension monitor must be installed on the same side as the garage door opener. Factory default is configured for left-side installation.

1. Determine if the cable tension monitor will be installed on the left or right side of the door.
2. For left-side installation, skip to Step 3. For right-side installation **ONLY**, remove the c-clip from the roller shaft, move the roller to the other side, and reinstall the c-clip.
3. Make sure the door cable is approximately 3/4" (19 mm) from the mounting surface.
4. Position the cable tension monitor 2" to 6" (5-15 cm) from the drum, and over a wood support surface.
  - Shim or add wood block if needed. The cable tension monitor **MUST** be flush with the mounting surface.
  - Cable tension monitor roller must be free from obstructions.

**NOTE:** No obstructions should exist that prevent the cable tension monitor from closing completely when slack is detected.



# Installation (continued)

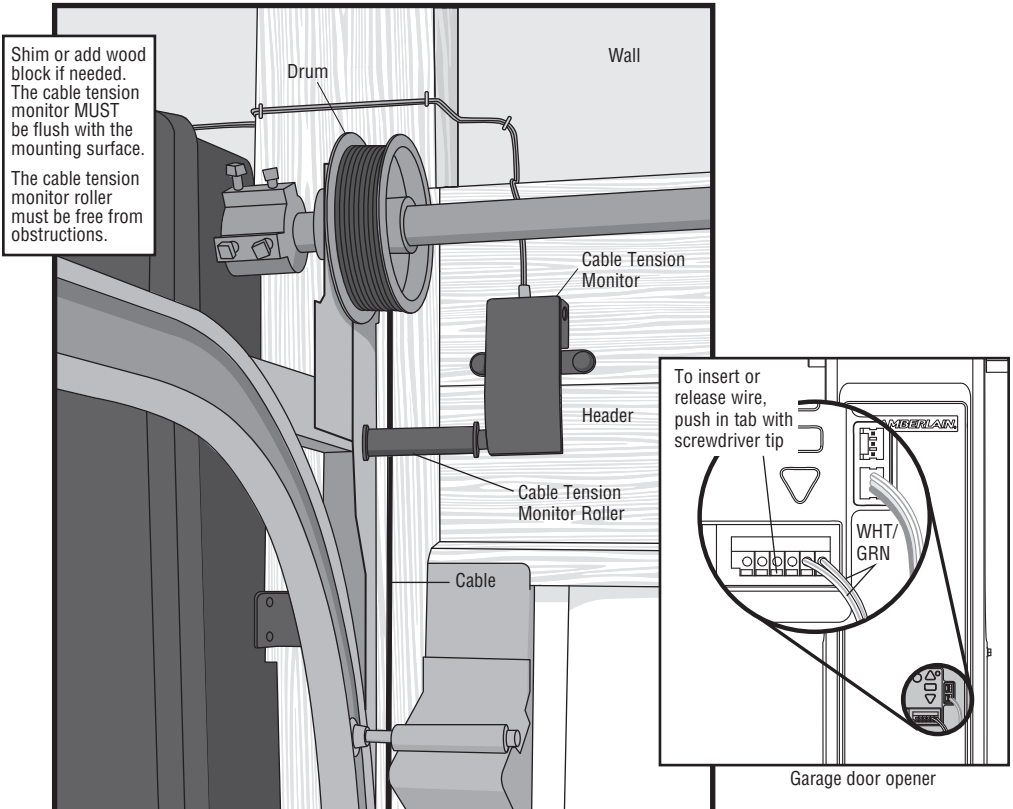
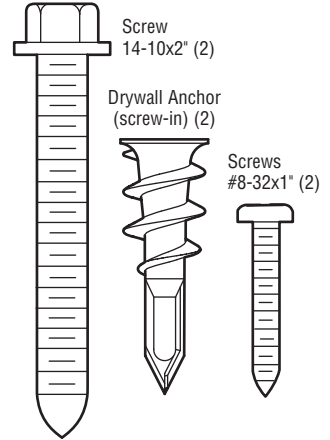
## 7 Attach the Cable Tension Monitor

1. Mark and drill 3/16 inch pilot holes for screws. If the cable tension monitor cannot be mounted into wood, it can be mounted into 1/2 inch (1 cm) or greater drywall using the drywall anchors (2) and the #8 screws (2) provided in the hardware bag.
2. Attach the cable tension monitor to the wall using the hardware provided. Check that the roller is on top of the cable.
3. Run wire to garage door opener. Securely affix wire to wall and ceiling. Secure any additional wire away from the moving parts of the door.
4. Connect wire to the green quick-connect terminals on the garage door opener.

**NOTE:** Cable must have tension through entire door travel. Check there is no slack in cable on opposite side of garage door during normal operation. If slack occurs during door travel, contact a trained door systems technician.

A second cable tension monitor (Model 041A6104) may be installed for additional security. When two cable tension monitors are installed, the door will not close or will reverse if either one of the monitors detects slack or is disconnected.

### YOU WILL NEED



## Installation (continued)

### 8 Install the Door Control

**Install door control within sight of garage door, out of reach of small children at a minimum height of 5 feet (1.5 m) above floors, landings, steps or any other adjacent walking surface, and away from ALL moving parts of door.**

For gang box installations it is not necessary to drill holes or install the drywall anchors. Use the existing holes in the gang box.

- Strip 7/16" (11 mm) of insulation from one end of the wire and separate the wires.
- Connect wires to the door control. Make sure the polarity is correct.
  - Connect the red wire to the RED terminal.
  - Connect the white wire to the WHT terminal.
- Mark the location of the bottom mounting hole and drill a 5/32" (4 mm) hole.
- Install the bottom screw, allowing 1/8" (3 mm) to protrude from the wall.
- Position the bottom hole of the door control over the screw and slide down into place.
- Lift the push bar up and mark the top hole.
- Remove the door control from the wall and drill a 5/32" (4 mm) hole for the top screw.
- Position the bottom hole of the door control over the screw and slide down into place. Attach the top screw.
- Run the white and red/white wire from the door control to the garage door opener. Attach the wire to the wall and ceiling with the staples (not applicable for gang box or pre-wired installations).
- Strip 7/16" (11 mm) of insulation from the end of the wire near the garage door opener. Connect wire to the quick-connect terminals on the garage door opener: white to white and white/red to red.
- Fasten the warning placard to the wall next to the door control.

**NOTE:** DO NOT connect the power and operate the garage door opener at this time. The door will travel to the full open position but will not return to the close position until the safety reversing sensors are connected and properly aligned. See page 18.

### WARNING

To prevent possible SERIOUS INJURY or DEATH from electrocution:

- Be sure power is NOT connected BEFORE installing door control.
- Connect ONLY to 7-28 VOLT low voltage wires.

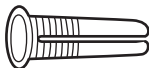
To prevent possible SERIOUS INJURY or DEATH from a closing garage door:

- Install door control within sight of garage door, out of reach of small children at a minimum height of 5 feet (1.5 m) above floors, landings, steps or any other adjacent walking surface, and away from ALL moving parts of door.
- NEVER permit children to operate or play with door control push buttons or remote control transmitters.
- Activate door ONLY when it can be seen clearly, is properly adjusted, and there are no obstructions to door travel.
- ALWAYS keep garage door in sight until completely closed. NEVER permit anyone to cross path of closing garage door.

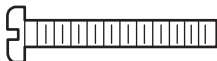
#### YOU WILL NEED



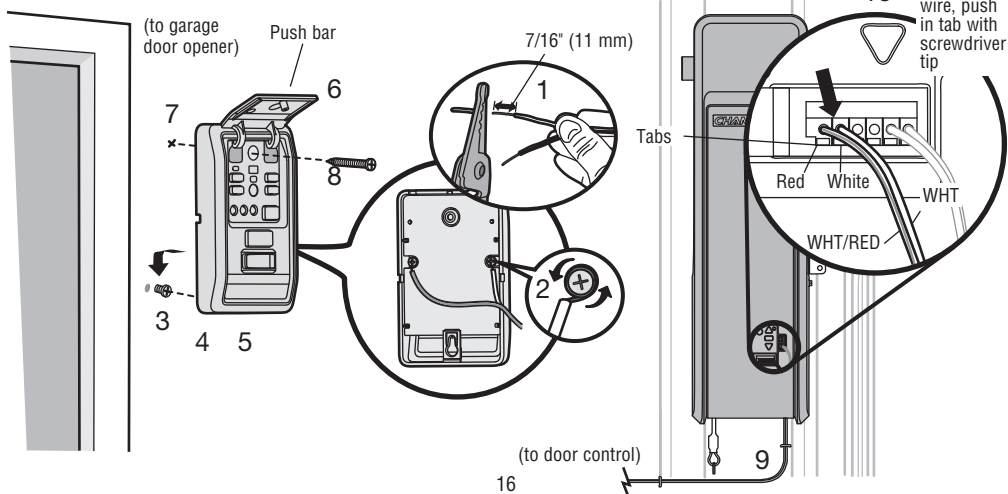
Screw 6ABx1-1/4" (Standard installation) (2)



Drywall Anchors (2)



Screw 6-32x1" (pre-wired) (2)





# IMPORTANT INSTALLATION INSTRUCTIONS

## WARNING

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

- This portable luminaire has a polarized plug (one blade is wider than the other) as a feature to reduce the risk of electric shock.
- This plug will fit in a polarized outlet ONLY one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician.
- DO NOT alter the plug.
- Light is intended for ceiling or wall mount and indoor applications ONLY.

## 9 Install the Smart LED Light

The Smart LED Light is designed to plug directly into a standard 120V outlet. Select an appropriate location on the ceiling or wall to mount the light within 6 feet (1.83 m) of an electrical outlet so that the cord and light are away from moving parts.

**NOTE:** If installing light on drywall and a ceiling joist cannot be located, use drywall anchors provided. No pilot hole is required for drywall anchors.

1. Drill pilot holes 6-1/8" (15.6 cm) apart if mounting to joist.

### OR

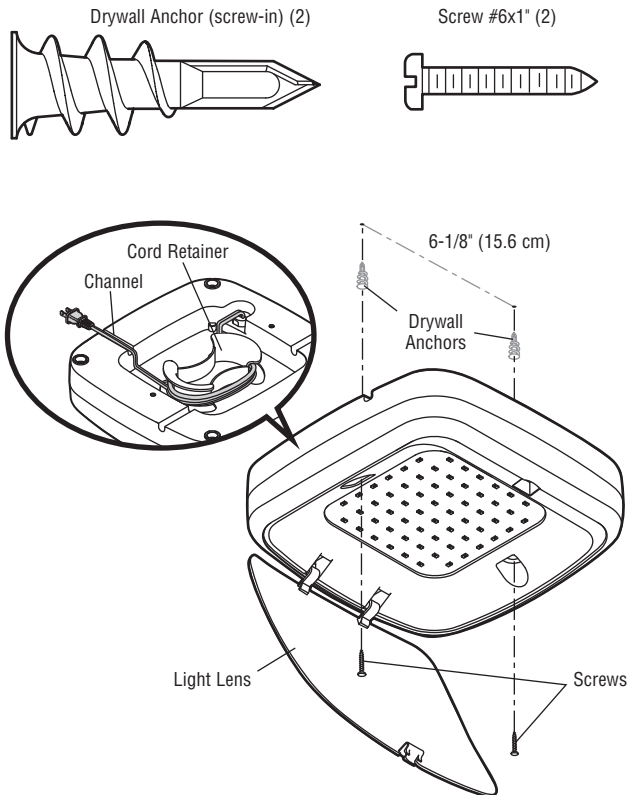
Screw in drywall anchors 6-1/8" (15.6 cm) apart if mounting to drywall.

2. Determine the length of power cord needed to reach the nearest outlet. Wind any excess cord around cord retainer on the top side of the light base. Route the cord through the channel so the light mounts flush.
3. Open the light lens.
4. Mount the light with the screws provided.
5. Close the light lens.
6. Plug in the light to the outlet.

**NOTE:** The LED light is very bright. DO NOT stare at the light while on a ladder.

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

### HARDWARE



## Installation (continued)

### 10 Install the Protector System®

*The safety reversing sensor must be connected and aligned correctly before the garage door will move in the down direction. This is a required safety device and cannot be disabled.*

#### IMPORTANT INFORMATION ABOUT THE SAFETY REVERSING SENSOR

When properly connected and aligned, the safety reversing sensor will detect an obstacle in the path of its electronic beam. The sending sensor (with an amber indicator light) transmits an invisible light beam to the receiving sensor (with a green indicator light). If an obstruction breaks the light beam while the door is closing, the door will stop and reverse to full open position.

The sensors must be installed inside the garage so that the sending and receiving sensors face each other across the door, no more than 6 inches (15 cm) above the floor. Either sensor can be installed on the left or right of the door as long as the sun never shines directly into the receiving sensor lens.

The mounting brackets are designed to clip onto the track of sectional garage doors without additional hardware.

If it is necessary to mount the sensors on the wall, the brackets must be securely fastened to a solid surface such as the wall framing. Extension brackets (see accessories) are available if needed. If installing in masonry construction, add a piece of wood at each location to avoid drilling extra holes in masonry if repositioning is necessary.

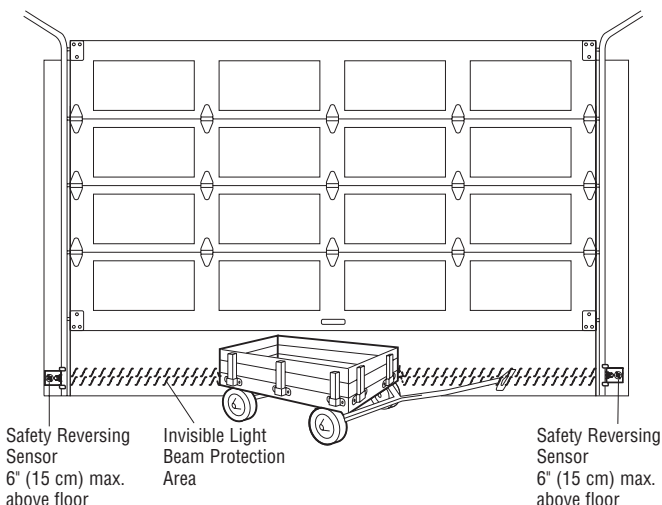
The invisible light beam path must be unobstructed. No part of the garage door (door tracks, springs, hinges, rollers or other hardware) may interrupt the beam while the door is closing.

### **WARNING**

Be sure power is NOT connected to the garage door opener BEFORE installing the safety reversing sensor.

To prevent SERIOUS INJURY or DEATH from a closing garage door:

- Correctly connect and align the safety reversing sensor. This required safety device MUST NOT be disabled.
- Install the safety reversing sensor so beam is NO HIGHER than 6" (15 cm) above garage floor.



Facing the door from inside the garage.

# Installation (continued)

## INSTALLING THE BRACKETS

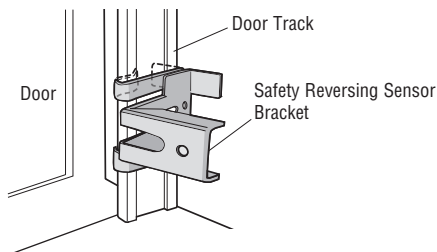
The brackets house the safety reversing sensors in a fixed, secure position so the safety reversing sensors will face each other across the garage door, with the beam no higher than 6" (15 cm) above the floor. Be sure power to the opener is disconnected.

Choose one of the following installations.

### OPTION A: Track Installation (Recommended)

1. Slip the curved arms over the rounded edge of each door track, with the curved arms facing the door, and make sure brackets measure no higher than 6" (15 cm) above the floor.
2. Snap bracket into place against the side of the track. It should lie flush, with the lip hugging the back edge of the track, as shown.

If your door track will not support the bracket securely, see Option B: Wall Installation.

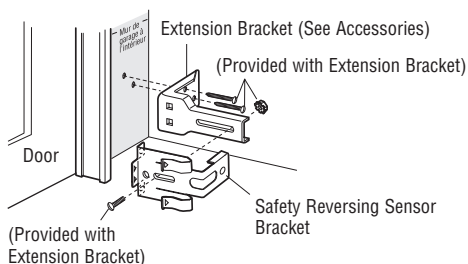
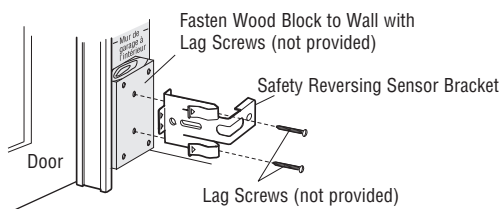


### OPTION B: Wall Installation

1. Place the bracket against the wall with curved arms facing the door. Be sure there is enough clearance for the sensor beam to be unobstructed.
2. If additional depth is needed, an extension bracket (Model 041A5281-1) or wood blocks can be used. See Accessories section.
3. Use bracket mounting holes as a template to locate and drill (2) 3/16" diameter pilot holes on the wall at each side of the door, no higher than 6" (15 cm) above the floor.
4. Attach brackets to wall with lag screws (not provided).

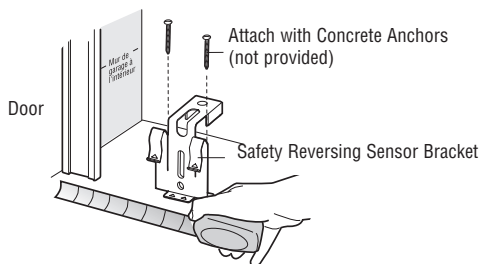
If using extension brackets or wood blocks, adjust right and left assemblies to the same distance out from the mounting surface. Make sure all door hardware obstructions are cleared.

If Option B will not work, see Option C: Floor Installation.



### OPTION C: Floor Installation

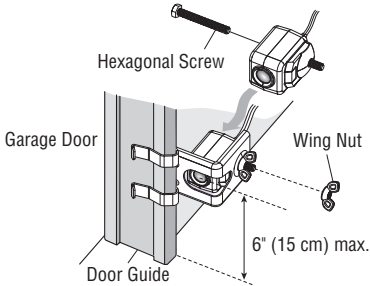
1. Use wood blocks or extension brackets (see Accessories) to elevate sensor brackets so the lenses will be no higher than 6" (15 cm) above the floor.
2. Carefully measure and place right and left assemblies at the same distance out from the wall. Be sure all door hardware obstructions are cleared.
3. Fasten to the floor with concrete anchors as shown.



# Installation *(continued)*

## MOUNTING THE SAFETY REVERSING SENSORS

1. Slide a 10-24 hexagonal screw into the slot on each sensor.
2. Use wing nuts to fasten safety reversing sensors to brackets, with lenses pointing toward each other across the door. Be sure the lens is not obstructed by a bracket extension.
3. Finger tighten the wing nuts.



## HARDWARE

Hexagonal Screw 10-24 (2)

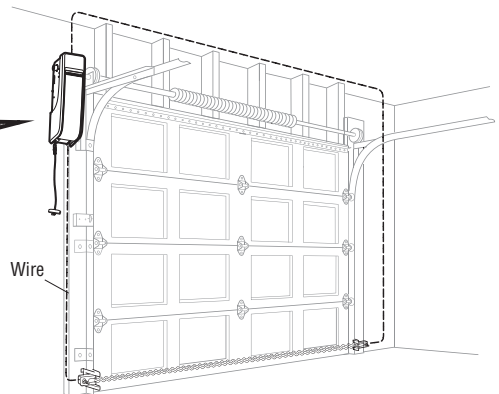
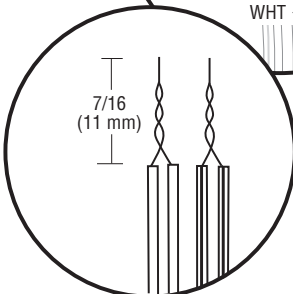
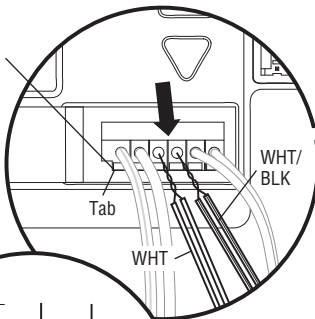


Wing Nut 1/4"-20 (2)

## WIRE THE SAFETY REVERSING SENSORS

1. Run the wire from both sensors to the garage door opener. Securely affix the wire to the wall and ceiling with staples (not provided).
2. Strip 7/16 inch (11 mm) of insulation from each set of wires. Separate white from the black wires. Twist the white wires together. Twist the white/black wires together.
3. On the garage door opener, push the tab with a screwdriver tip to insert the white wires into the white terminal and the white/black wires into the grey terminal.

To insert or release wire, push in tab with screwdriver tip



## Installation (continued)

### 11 Connect Power

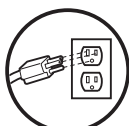
**To avoid installation difficulties, do not run the garage door opener at this time.**

To reduce the risk of electric shock, your garage door opener has a grounding type plug with a third grounding pin. This plug will only fit into a grounding type outlet. If the plug doesn't fit into the outlet you have, contact a qualified electrician to install the proper outlet.

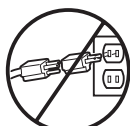
**There are two options for connecting power:**

#### OPTION A: TYPICAL WIRING

1. Plug in the garage door opener into a grounded outlet.
2. DO NOT run garage door opener at this time.



RIGHT

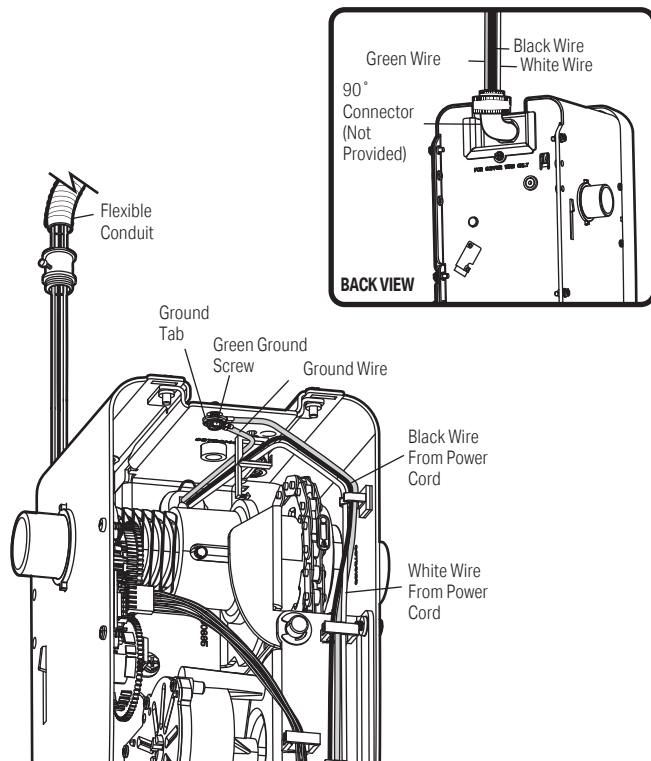


WRONG

#### OPTION B: PERMANENT WIRING CONNECTION

**If permanent wiring is required by your local code, refer to the following procedure.**

1. To make a permanent connection through the 7/8 inch hole in the back of the garage door opener (according to local code):
2. Be sure power is NOT connected to the opener, and disconnect power to circuit.
3. Remove the garage door opener from the torsion bar, remove cover screws and set the cover aside.
4. Cut the line cord 6" (15.2 cm) above the strain relief.
5. Squeeze the strain relief and push into garage door opener, then remove the strain relief from the line cord.
6. Install a 90° conduit (not provided) or flex cable adapter (not provided) to the 7/8" hole. Reinstall garage door opener to torsion bar.
7. Run wires through conduit, cut to proper length and strip insulation.
8. Strip 1/2" (1.3 cm) of insulation from the existing black, white and green wires.
9. Connect the line to the black wire and neutral to the white wire with wire nuts (not provided). Connect ground wire to the green ground screw.
10. Properly secure wires under plastic ties so that they do not come into contact with moving parts.
11. Reinstall cover.



### WARNING

To prevent possible SERIOUS INJURY or DEATH from electrocution or fire:

- Be sure power is NOT connected to the opener, and disconnect power to circuit BEFORE removing cover to establish permanent wiring connection.
- Garage door installation and wiring MUST be in compliance with ALL local electrical and building codes.
- NEVER use an extension cord, 2-wire adapter or change plug in ANY way to make it fit outlet. Be sure the opener is grounded.

## Installation (continued)

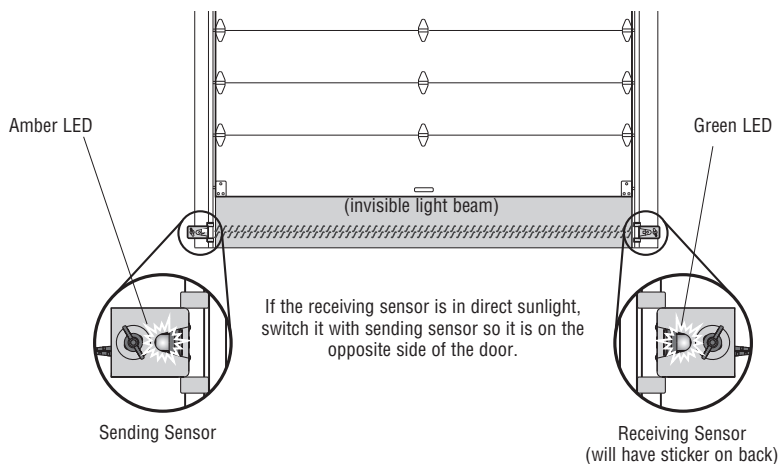
### 12 Align the safety reversing sensors

**The door will not close if the sensors have not been installed and aligned correctly.**

The LEDs in both sensors must be glowing steady, which indicates they are powered and aligned correctly. The sending sensor (with an amber LED) transmits an invisible light beam to the receiving sensor (with a green LED). If an obstruction breaks the light beam while the door is closing, the door will stop and reverse to the full open position. If the door is already open, it will not close.

#### TO ALIGN SENSORS:

The sensors can be aligned by loosening the wing nuts, aligning the sensors, and tightening the wing nuts.



#### If the LEDs are not glowing steadily:

- Check that both sensors are installed inside the garage, one on either side of the door.
- Check that sensors are facing each other with the lenses aligned and the receiving sensor light does not receive direct sunlight.
- Check that sensors have the same measurement, no higher than 6" above the floor.

Amber LED is not lit:

- Check there is power to the garage door opener.
- Check the sensor wire is not shorted/broken.
- Check the sensor has been wired correctly: white wires to white terminal and white/black wires to grey terminal.

Green LED is not lit:

- Check that the sensor wire is not shorted/broken.
- Check that the sensors are aligned.

#### ENSURE THE DOOR CONTROL IS WIRED CORRECTLY

The yellow Command LED and the red Learn LED on the door control will blink quickly for up to 5 minutes as the door control recharges. When the door control is operational, the yellow Command LED will glow steadily.

# Installation

## 13 Install the Battery Backup

*When in Battery Backup mode, the myQ® App and wireless myQ® devices will be disabled. 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.*

1. Unplug the garage door opener.
2. Use a Phillips head screwdriver to remove the battery cover on the garage door opener.
3. Partially insert the battery into the battery compartment with the terminals facing out.
4. Connect red (+) and black (-) wires from the garage door opener to the corresponding terminals on the battery.
5. Replace the battery cover.
6. Plug in the garage door opener.

### BATTERY STATUS LED

#### GREEN LED:

All systems are normal.

- A solid green LED light indicates the battery is fully charged.
- A flashing green LED indicates the battery is being charged.

#### ORANGE LED:

The garage door opener has lost power and is in battery backup mode.

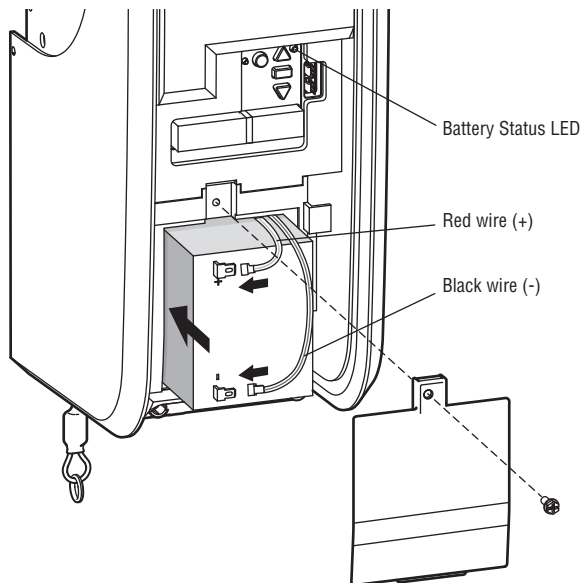
- A solid orange LED with beep, sounding approximately every 2 seconds, indicates the garage door opener is operating on battery power.
- A flashing orange LED with beep, sounding every 30 seconds, indicates the battery is low.

#### RED LED:

The garage door opener's 12V battery needs to be replaced.

- 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. Replace the battery back up to maintain the battery backup feature.

**NOTE:** The battery does not have to be fully charged to operate the garage door opener.



## ⚠ WARNING

To reduce the risk of FIRE or INJURY to persons:

- Disconnect ALL electric and battery power BEFORE performing ANY service or maintenance.
- Use ONLY Chamberlain part G4228 for replacement battery.
- DO NOT dispose of battery in fire. Battery may explode. Check with local codes for disposal instructions.

## ⚠ CAUTION

ALWAYS wear protective gloves and eye protection when changing the battery or working around the battery compartment.

# Adjustment

## 1 Program the Travel

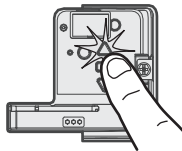
### WARNING

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.

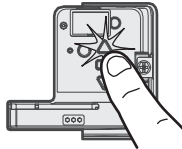
- 1** Press and hold the Adjustment Button until the UP Button begins to flash and/or a beep is heard. The Safety Reversing Sensors will be disconnected during the Program the Travel process.



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



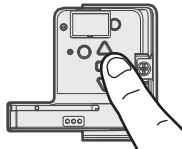
- 3** Once the door is in the desired UP position press and release the Adjustment Button. The garage door opener lights will flash twice and the DOWN Button will begin to flash.



- 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.



## 2 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

## 3 Test the Safety Reversal System

### WARNING

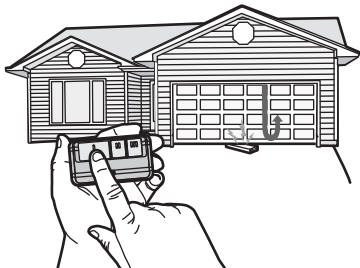
Without a properly installed safety reversal system, persons (particularly small children) could be **SERIOUSLY INJURED** or **KILLED** by a closing garage door.

- 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.

## 4 Test the Protector System®

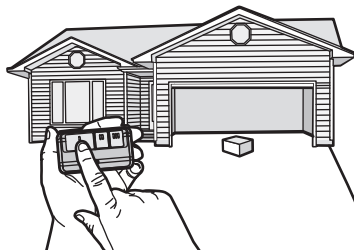
### WARNING

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).

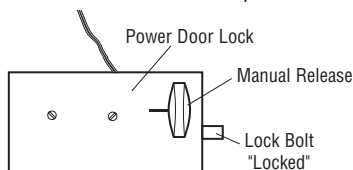
If the garage door opener closes the door when the safety reversing sensor is obstructed (and the sensors are no more than 6 inches [15 cm] above the floor), call for a trained door systems technician.

## Adjustment (continued)

### 5 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.

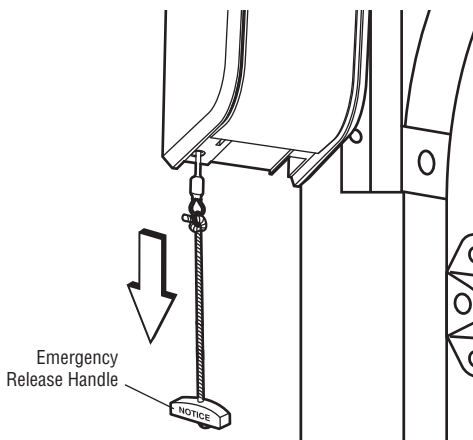
### 6 Test the Emergency Release

#### 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.

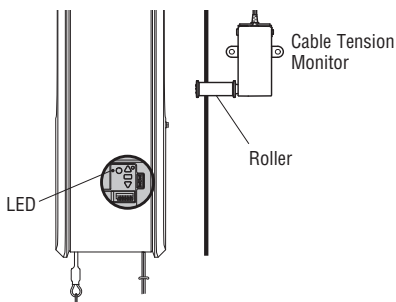


### 7 Test the Cable Tension Monitor

1. Close the garage door.
2. Pull down on the emergency release handle until you hear a click.
3. Press on the front of the cable tension monitor, you should hear a click.
4. Reconnect the garage to the garage door opener.

If there is no click, the roller may be hitting the jamb and not allowing the switch to detect slack in the cable. Make sure the cable tension monitor is mounted flush with the wall and the roller is free from any obstructions.

When the cable tension monitor has been activated, the LED on the garage door opener will blink 9 times.



# 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 (Model Q41A7327-1). Prior to and during the door closing the garage door opener lights will flash and the garage door opener will beep. A 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.

### 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 22.

#### 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 senses an obstruction or is interrupted while opening the door will stop. 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 senses an obstruction while closing, the door will reverse. 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 sensor must be connected and aligned correctly before the garage door opener will move in the down direction.

#### BATTERY BACKUP

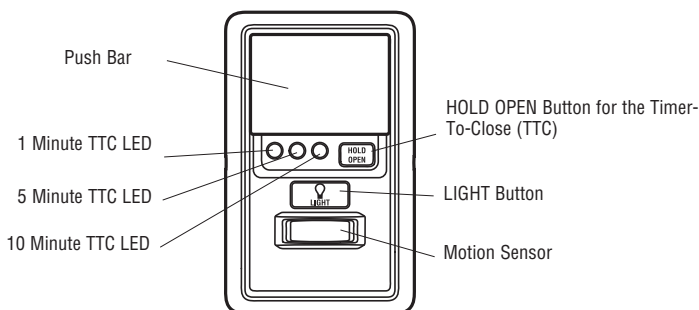
The battery backup system allows access in and out of your garage, even when the power is out. When the garage door opener is operating on battery power, the garage door opener will run slower, the light will not function, the Battery Status LED will glow solid orange, and a beep will sound approximately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

### 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

## Operation (continued)

### Using the Door Control (Motion-Detecting Control Panel)



#### FEATURE

#### HOW TO:

##### PUSH BAR

Press the push bar to open/close the door.

##### LOCK

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.

**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.

**Deactivate:** Press and hold the LOCK button again for 2 seconds. The command LED will stop flashing and normal operation will resume.

##### MOTION SENSOR

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.

##### Activate/Deactivate:

Slide the motion sensor switch ON or OFF.

##### TIMER-TO-CLOSE (TTC)

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.

**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.

**Deactivate:** Press and hold the OFF button until all TTC LEDs turn off and a beep is heard from the control panel.

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.

**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.).

**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.

# Operation (continued)

## 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:

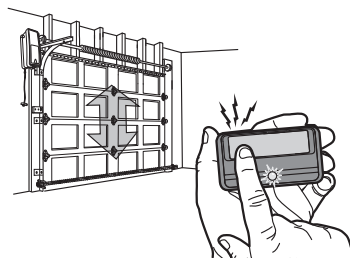
#### TO CHANGE THE AMOUNT OF TIME THE REMOTE LIGHTS WILL STAY ON:

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.

# 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 or tablet
- Broadband Internet Connection
- Wi-Fi® signal in the garage (**2.4 Ghz, 802.11b/g/n required**), see page 5.
- 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

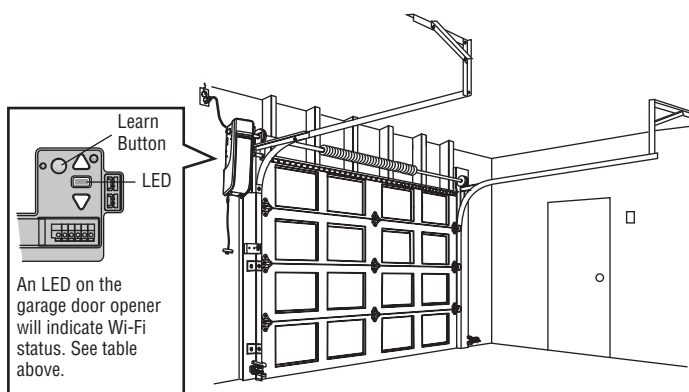
Open and close your door, get alerts and set schedules from anywhere. Connected smart garage door openers also receive software updates to ensure the opener has the latest operational features.

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

**For more information on connecting your garage door opener, visit [Chamberlain.com/Customer-Support](http://Chamberlain.com/Customer-Support).**

**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.

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



### NOTES:

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

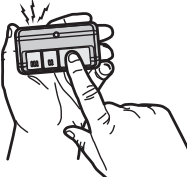
**If you need help adding devices to your myQ® account, or to learn more go to [Chamberlain.com/Customer-Support](http://Chamberlain.com/Customer-Support).**

# 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.

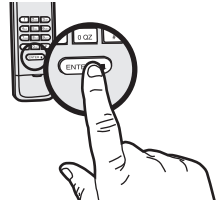
## REMOTE CONTROL

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.

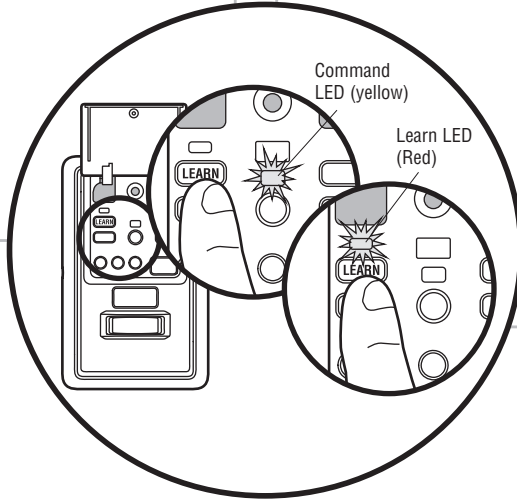


## MODEL 940ESTD KEYPAD

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.



? ? ? ?  
PIN





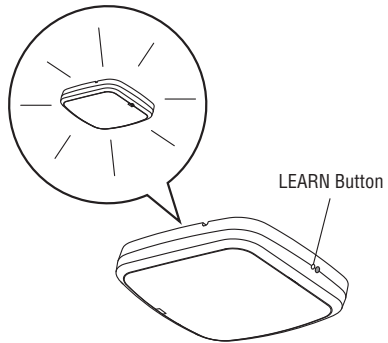
# Programming

## 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.

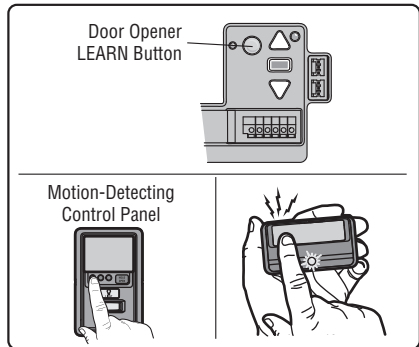
### PROGRAM A DOOR OPENER TO THE SMART LED LIGHT

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 Motion-Detecting Control Panel.
3. The code has been programmed when the remote light blinks once.



### PROGRAM A REMOTE CONTROL TO THE SMART LED LIGHT

1. Press the LEARN button on the light until the green LED comes ON.
2. Press the button on the remote control that you wish to operate the light.
3. The code has been programmed when the remote light blinks once.



To program the light with other accessories, refer to the manual for your accessory.

### 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.

**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.

## 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.

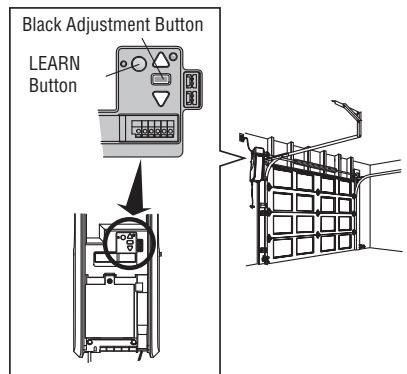
### ERASE ALL DEVICES (Including myQ® enabled accessories)

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).

Figure 1



# Programming (continued)

## 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.

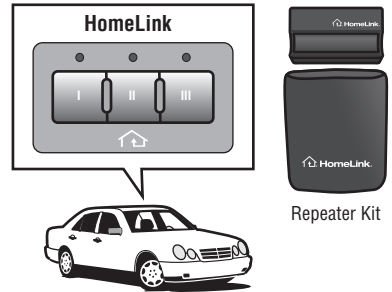
All 2007 and newer vehicles – Program the HomeLink according to the vehicle instructions. If after ONE attempt to program the HomeLink to the garage door opener and you are unsuccessful, install a repeater.

### 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>.

### INSTALLATION 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.

#### Every Two to Three Years

- Use a rag to wipe away the existing grease from the garage door opener rail. Reapply a small layer of white lithium grease to the top and underside of the rail surface where the trolley slides.

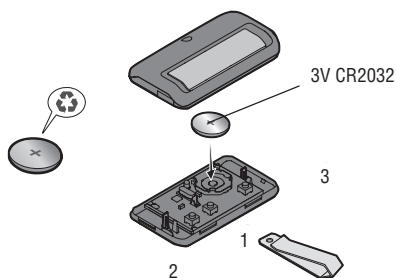
#### Smart LED Light

- 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 3V CR2032 Lithium battery should produce power for up to 3 years. If the battery is low, the remote control's LED will not flash when the button is pressed.

To replace battery, pry open the case first in the middle (1), then at each side (2 and 3) with the visor clip. Replace the batteries with only 3V CR2032 coin cell batteries. Insert battery positive side up. Dispose of old batteries properly.



### **WARNING**

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

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

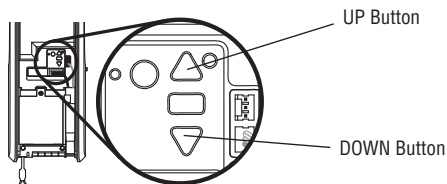
To reduce risk of fire, explosion or chemical burn:

- 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 flash the diagnostic codes.



DIAGNOSTIC CODE		SYMPTOM	SOLUTION
Up Arrow Flash(es)	Down Arrow Flash(es)		
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.	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 flashing green.	Battery backup charging circuit error, replace logic board.
3	5	The garage door opener will not close or door reverses during travel.	<p>If two cable tension monitors were previously installed and one has been removed, unplug and plug in the opener three times to relearn the monitor to the opener.</p> <ul style="list-style-type: none"> <li>• Check for possible door obstructions and remove.</li> <li>• Check that the cable tension monitor is properly connected to the opener.</li> <li>• Replace the cable tension monitor.</li> </ul>
4	1-4	Door is moving stops and or reverses.	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 contact a trained door systems technician. If door is not 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.	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® App.	A 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 *(continued)*

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## 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 9.
- 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 8 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 provided with the remote control or visit [LiftMaster.com/Custom-Support](http://LiftMaster.com/Custom-Support)).

### **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 doesn't open completely:**

- Check power door lock.
- Is something obstructing the door? Is it out of balance, or are the springs broken? Remove the obstruction or repair the door.

### **The door opens but won't close:**

- Check that cable tension monitor is correctly installed. If a second cable tension monitor has been removed, follow the instructions to relearn a single cable tension monitor (See Installation Step 4).
- 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 25).

### **The door reverses for no apparent reason:**

- Check that cable tension monitor is correctly installed. If a second cable tension monitor has been removed, follow the instructions to relearn a single cable tension monitor (See Installation Step 4).
- Is something obstructing the door? Pull the emergency release handle. Operate the door manually. If it is unbalanced or binding, call a trained door systems technician.
- 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.

The cable tension monitor must be installed and working properly and the safety reversing sensor must be connected and aligned correctly before the garage door opener will move in the down direction.

- Verify the cable tension monitor is installed and working properly.
- Verify the safety sensors are properly installed, aligned and free of any obstructions.
- Verify the diagnostic code on the opener and reference the diagnostic chart for further assistance.

### **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.

# Troubleshooting *(continued)*

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## Troubleshooting (Continued)

### **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.
- 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 1).

### **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 flashing 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 flashing:**

The battery charge is low or the battery is dead.

- Replace the battery.

### **myQ® App, wireless myQ® devices, and Timer-To-Close will not work:**

- When in Battery Backup mode, myQ® App, wireless myQ® devices and Timer-To-Close will be disabled.
- The Smart LED Light must be installed to enable use of Timer-to-Close or myQ® App 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 the myQ® App.

# 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 guide 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 guide.

## 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.



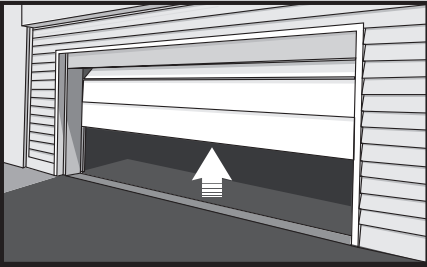
**WARNING – Springs are under high tension. Only qualified individuals should adjust them.**

## Visually check the door and installation:



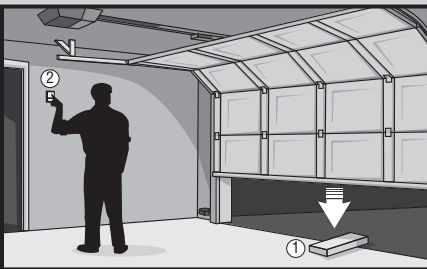
- Starting with the door in the closed position, use the manual disconnect on the opener to disconnect the door.
- Look for signs of wear or damage on hinges, rollers, springs, and door panels.
- These parts may require periodic lubrication. Check the owner's manual for suggested maintenance.
- If any 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.



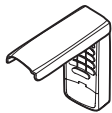
# Accessories

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## 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.



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## 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

The Chamberlain Group, Inc.® (“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.

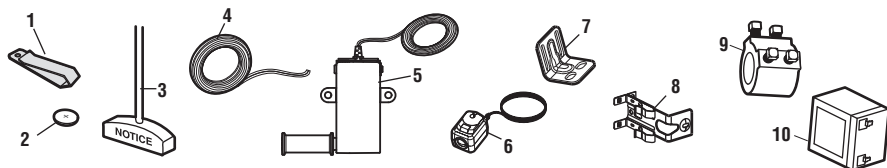
If, during the limited warranty period, this product appears to contain a defect covered by this limited warranty, call 1-800-528-9131, toll free, before dismantling this product. You will be advised of disassembly and shipping instructions when you call. Then send the product or component, pre-paid 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.]

**ALL IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE APPLICABLE LIMITED WARRANTY PERIOD SET FORTH ABOVE FOR THE RELATED COMPONENT(S), AND NO IMPLIED WARRANTIES WILL EXIST OR APPLY AFTER SUCH PERIOD. Some States and Provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. THIS LIMITED WARRANTY DOES NOT COVER NON-DEFECT DAMAGE, DAMAGE CAUSED BY IMPROPER INSTALLATION, OPERATION OR CARE (INCLUDING, BUT NOT LIMITED TO ABUSE, MISUSE, FAILURE TO PROVIDE REASONABLE AND NECESSARY MAINTENANCE, UNAUTHORIZED REPAIRS OR ANY ALTERATIONS TO THIS PRODUCT), LABOR CHARGES FOR REINSTALLING A REPAIRED OR REPLACED UNIT, REPLACEMENT OF CONSUMABLE ITEMS (E.G., BATTERIES IN REMOTE CONTROL TRANSMITTERS AND LIGHT BULBS), OR UNITS INSTALLED FOR NON-RESIDENTIAL USE. THIS LIMITED WARRANTY DOES NOT COVER ANY PROBLEMS WITH, OR RELATING TO, THE GARAGE DOOR OR GARAGE DOOR HARDWARE, INCLUDING BUT NOT LIMITED TO THE DOOR SPRINGS, DOOR ROLLERS, DOOR ALIGNMENT OR HINGES. THIS LIMITED WARRANTY ALSO DOES NOT COVER ANY PROBLEMS CAUSED BY INTERFERENCE. UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES ARISING IN CONNECTION WITH USE, OR INABILITY TO USE, THIS PRODUCT. IN NO EVENT SHALL SELLER’S LIABILITY FOR BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE OR STRICT LIABILITY EXCEED THE COST OF THE PRODUCT COVERED HEREBY. NO PERSON IS AUTHORIZED TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THIS PRODUCT.**

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.

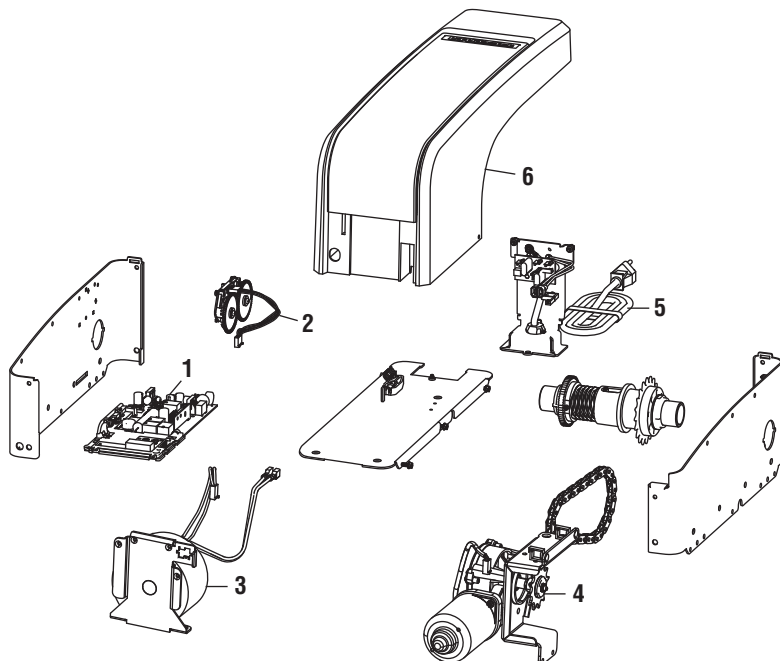
# Repair Parts

## Installation Parts



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	K029B0137	Remote control visor clip	7	041B6228	Mounting bracket
2	K010A0020	3V CR2032 Lithium battery	8	041-0155-000	Safety reversing sensor brackets (2)
3	041A4582	Emergency release rope and handle assembly	9	041D8615	Collar with set screws
4	041B4494-1	2-Conductor bell wire - white and white/red	10	G4228	Battery
5	041A6104	Cable tension monitor			<b>NOT SHOWN</b>
6	041-0136	Safety Reversing Sensor kit (receiving and sending sensors) with 2-conductor bell wire attached		114-5272	User's Guide
				114-5271	Quick Start Guide

## Garage Door Opener Parts



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	050DCRJWFMC	Logic Board	4	041D1624-2	Motor
2	041B8861	Travel Module with Wire Harness	5	041D0190	Power cord
3	041C0296	Transformer	6	041D9044	Cover

# Contact Information

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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:  
**[www.chamberlain.com](http://www.chamberlain.com)**

## BEFORE YOU CALL:

1. Please have the model number of the garage door opener, found on the inside cover of door panel or front page of this manual.
2. For a troubleshooting issue, have access to your garage door opener while calling.
3. For ordering a repair part, have ready:
  - a. part number: \_\_\_\_\_
  - b. part name: \_\_\_\_\_
  - c. model number of your garage door opener (see manual cover, or inside garage door opener cover).

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