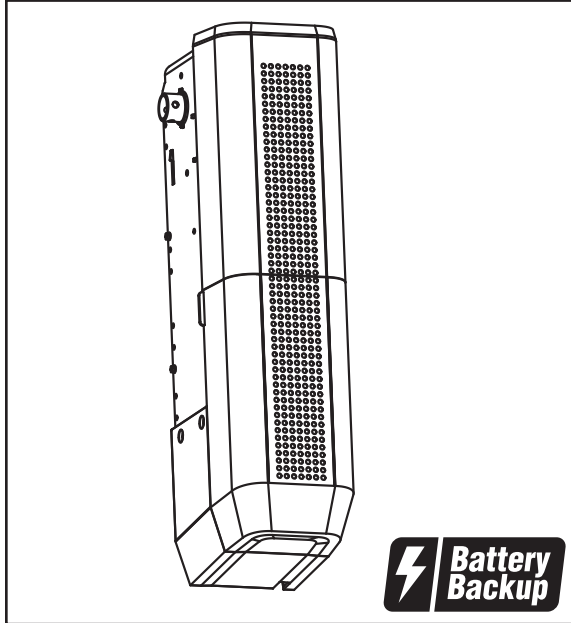


Wall Mount Wi-Fi® Garage Door Opener

Models 98032

For Residential Use
Install On Sectional Doors With Torsion Assemblies Only



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

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

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



1 Take a photo of the camera icon including the points (1).

2 Send it in by texting the photo to 71403 (US) or visit www.Liftmaster.photo (Global)

Download the free myQ® App



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

LiftMaster
300 Windsor Drive
Oak Brook, IL 60523



LiftMaster

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Preparation

myQ Serial Number

Write down the following information for future reference:

myQ Serial Number:

Product Serial Number:

Date of Purchase:

Safety Symbol and Signal Word Review

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

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

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

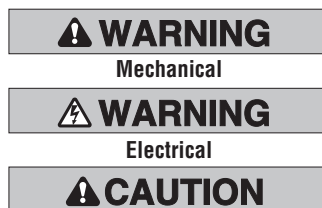
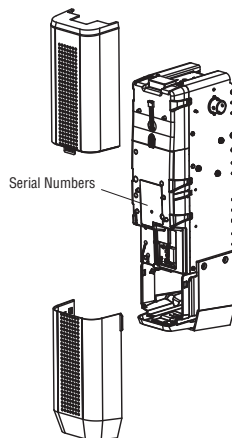


WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Unattended Operation

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

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



Preparation

Planning

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

THIS DOOR OPENER IS COMPATIBLE WITH:

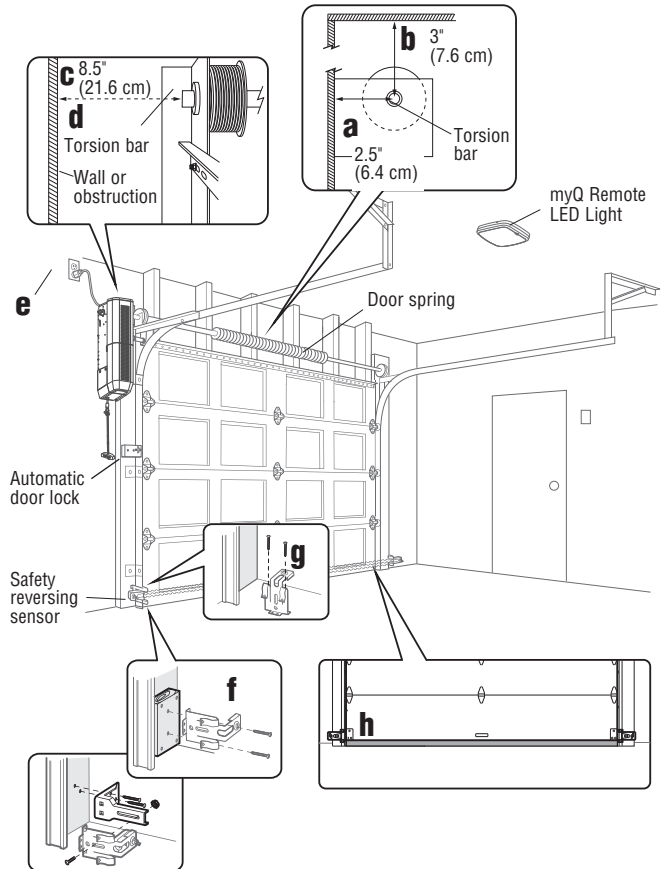
- Doors that use a torsion bar and springs. The torsion bar must be 1" (2.5 cm) diameter. NOT compatible with reverse wound drums.
- Standard lift sectional doors using 4-6" (10-15 cm) diameter drums.
- 4-6" (10-15 cm) straight drums, doors no less than 400 lbs.
- High lift (up to 84" [214.4 cm] high) and standard lift sectional doors up to 14 ft. (4.3 m) high.
- High lift sectional doors using 8" (20 cm) diameter taper drum.
- Vertical lift sectional doors using 8" (20 cm) diameter full taper drums.

- Doors up to 18 ft. (5.5 m) wide.

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

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

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



Preparation

Before You Connect with Your Smartphone

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

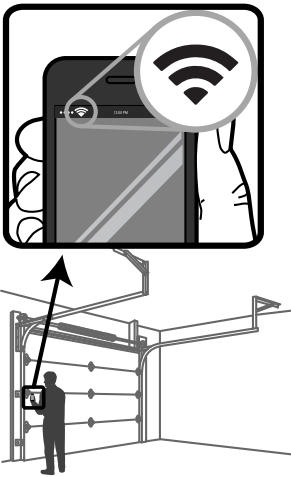
BEFORE YOU BEGIN:

You will need:

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

TEST THE WI-FI SIGNAL STRENGTH

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



Check Signal Strength. If you see:



Wi-Fi signal is strong.

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



Wi-Fi signal is weak.

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



No Wi-Fi signal.

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

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

For compatible router specifications and help, visit www.LiftMaster.com/Customer-Support. See page 26 to connect the garage door opener to a mobile device.

Preparation

Preparing Your Garage Door

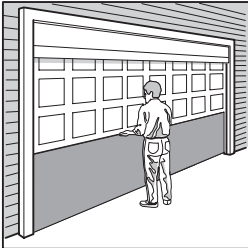
BEFORE YOU BEGIN:

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

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

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

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



Sectional Door

! WARNING

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

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

! CAUTION

To prevent damage to garage door and opener:

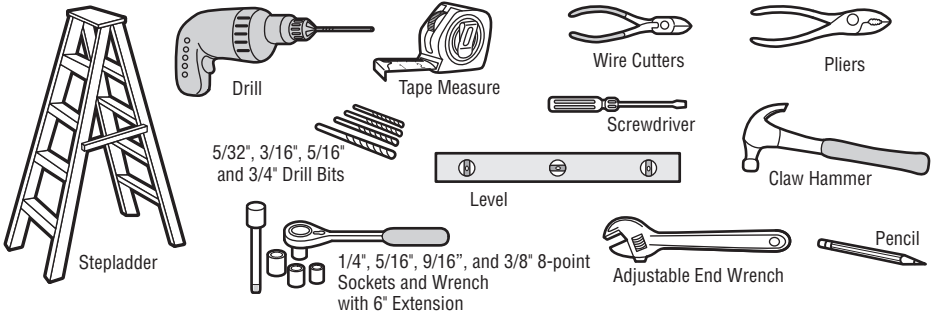
- ALWAYS disable locks BEFORE installing and operating the opener.
- ONLY operate garage door opener at 120V, 60 Hz to avoid malfunction and damage.

SPECIFICATIONS

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

Tools Needed

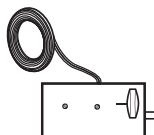
During assembly, installation and adjustment of the garage door opener, instructions will call for hand tools as illustrated below.



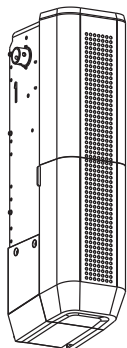
Preparation

Carton Inventory

If anything is missing, carefully check the packing material.



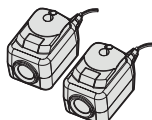
Automatic Garage Door Lock Model 841LM with 2-Conductor White and White/Black Bell Wire with Connector
NOTE: Older model 24V door locks are incompatible



Garage Door Opener



2 Conductor Bell Wire White and White/Red



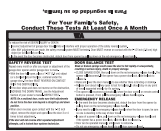
The Protector System
(2) Safety Reversing Sensors
(1 Sending Sensor [short wire] and 1 Receiving Sensor) with 2-Conductor White and White/Black Bell Wire attached



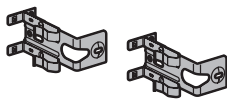
Mounting Bracket



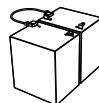
Collar with Set Screws and Collar Key



Safety Labels and Literature



Safety Reversing Sensor Bracket (2)



Battery Model 485LM (2) with Jumper Wire

INCLUDED ACCESSORIES



Smart Control Panel® Model 880LMW



3-Button Premium Remote Control Model 893MAX (1)



Remote Control Visor Clip



myQ Remote LED Light Model 827LM (Garage Door Opener Light) with Hardware Bag

HARDWARE

- Screw #10-32 (2)
- Screw 14-10x2" (2)
- Handle
- Rope
- Screw 1/4"-20x1/2" (2)

- Screw 6ABx1-1/4" (2)
- Drywall Anchor (2)
- Screw 6-32x1" (2)
- Carriage Bolt 1/4"-20x1/2" (2)
- Wing Nut 1/4"-20 (2)

REMOTE LIGHT HARDWARE:

- myQ Remote LED Light Model 827LM
- Drywall Anchor (Screw-In) (2)
- Screw #6x1" (2)

Additional Items You May Need

Extension brackets (Model 041A5281-1) or wood blocks: Depending upon garage construction, extension brackets or wood blocks may be needed to install the safety reversing sensor.

Fastening hardware: Alternate floor mounting of the safety reversing sensor will require hardware not provided.

90° connector for cable conduit or flex cable adapter: Required for permanent wiring.

Assembly

1 Attach the Collar to the Garage Door Opener

To avoid installation difficulties, do not run the garage door garage door opener until instructed to do so.

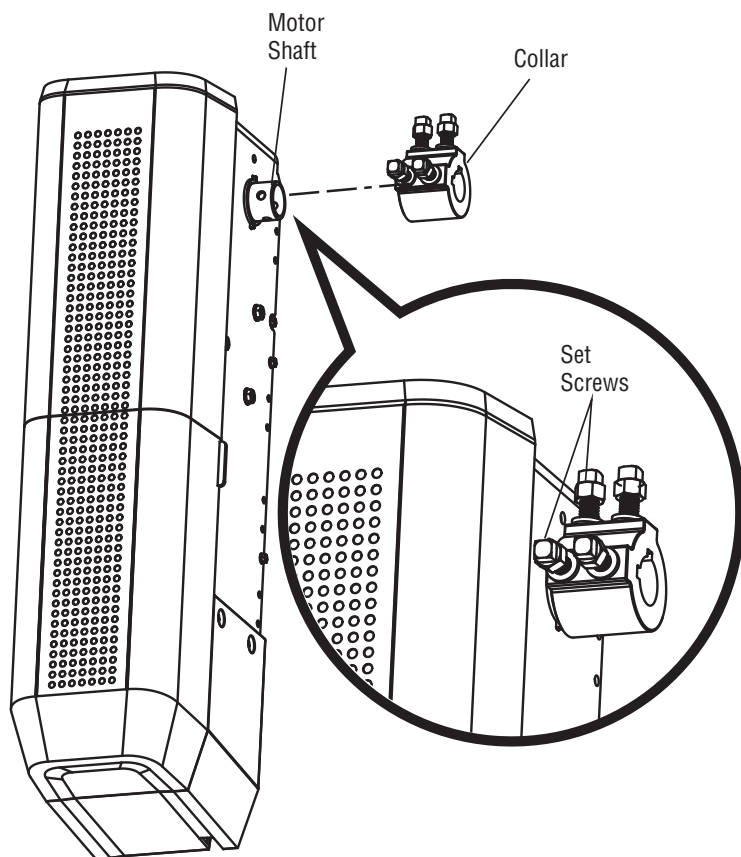
The garage door opener can be installed on either side of the door (see Planning section page 3). The illustrations shown are for installation on the left side.

1. Loosen the set screws on the collar. Ensure that the lock nuts are fully loosened.
2. Attach the collar to the garage door opener output shaft. Ensure the collar is seated all the way on the motor shaft until it reaches the stop.
3. Position the collar so the screws align with two of the holes in the output shaft. These screws should be easily accessible when the operator is attached to the torsion bar.
4. Carefully tighten the two square head set screws closest to the operator. Turn the screws until they are hand tight, ensuring that the tips of the screws are properly lined up with the holes in the shaft.

NOTE: It is important to ensure the tips of the screws are properly aligned with the corresponding holes in the shaft.

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.



Assembly

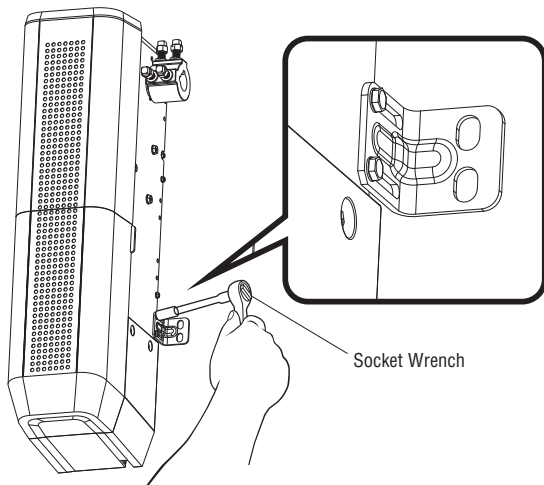
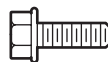
2 Attach Mounting Bracket to Garage Door Opener

1. 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 screws until instructed.

HARDWARE

Screw
#10-32 (2)



Socket Wrench

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.
14. **SAVE THESE INSTRUCTIONS.**

Installation

1 Position and Mount the Garage Door Opener

NOTE: For additional mounting options refer to the accessories page.

1. Close the garage door completely.
2. Slide the garage door opener onto the end of the torsion bar. If the torsion bar is too long or damaged, you may need to cut the torsion bar.

Ensure the collar does NOT touch the bearing.

3. Use a level to position and vertically align the garage door opener. Verify the mounting bracket is located on a solid surface such as wood, concrete or door/flag bracket. 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 wall.

5. Remove the garage door opener from torsion bar. Drill 3/16 inch pilot holes at the marked locations. Drill through metal door rail plates if necessary.

OPTION A: SOLID SHAFT WITH KEYWAY INSTALLATIONS

6. For doors with solid shafts with a keyway, slide the operator back onto the torsion bar, ensuring that the provided 1" key is in place and aligned with the keyway on the collar. Then, slide the garage door opener back onto the torsion bar until the pilot holes align with the mounting bracket.
7. To secure the torsion bar, tighten the two square head set screws. Begin by hand-tightening both screws until they make contact with the shaft or the key. Then, tighten the screws 1/4 to 1/2 turn.

OPTION B: HOLLOW SHAFT WITHOUT KEYWAY INSTALLATIONS

6. For doors with hollow shafts or without a keyway, slide the garage door opener back onto the torsion bar until the pilot holes align with the mounting bracket.
7. To secure the torsion bar, tighten the two square head set screws. Begin by hand-tightening both screws until they touch the shaft. Then, turn the screws 3/4 to 1 full turn.

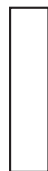
8. Secure the mounting bracket to both the wall and the garage door opener. Use the provided 14-10 x 2" screws to firmly fasten the mounting bracket to the wall.
9. To prevent the screws from coming loose, lock the screws in place by tightening the lock nuts until the lock washer is fully flattened against the collar.

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.

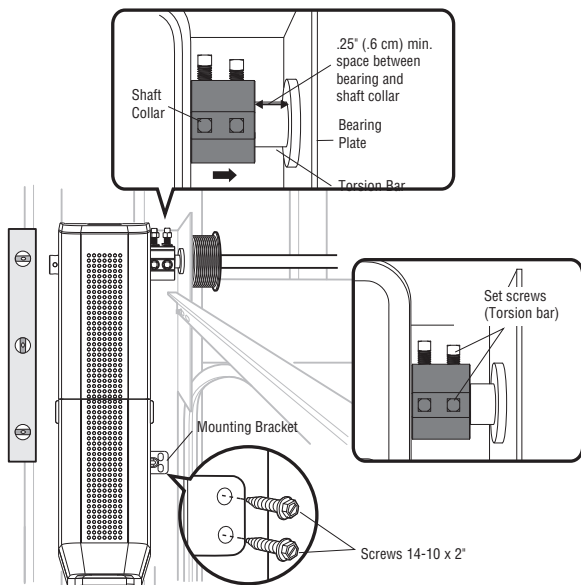
HARDWARE



Collar Key
1 x 1/4"



Screw
14-10 x 2" (2)

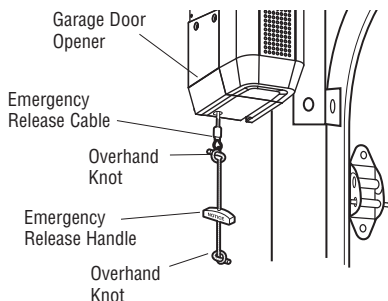


Installation

2 Attach the Emergency Release Rope and Handle

1. Insert one end of the emergency release rope through the handle. Make sure that "NOTICE" is right side up. Secure with an overhand knot at least 1" (2.5 cm) from the end of the rope to prevent slipping.
2. Insert the other end of the emergency release rope through the hole in the trolley release arm. Mount the emergency release within reach, but at least 6 feet (1.83 m) above floor, avoiding contact with vehicles to prevent accidental release and secure with an overhand knot.

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



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.

HARDWARE

Handle



Rope



3 Install the Automatic Door Lock

The automatic door lock (model 841LM) is used to prevent the door from being manually opened once the door is fully closed, see Accessories page 38

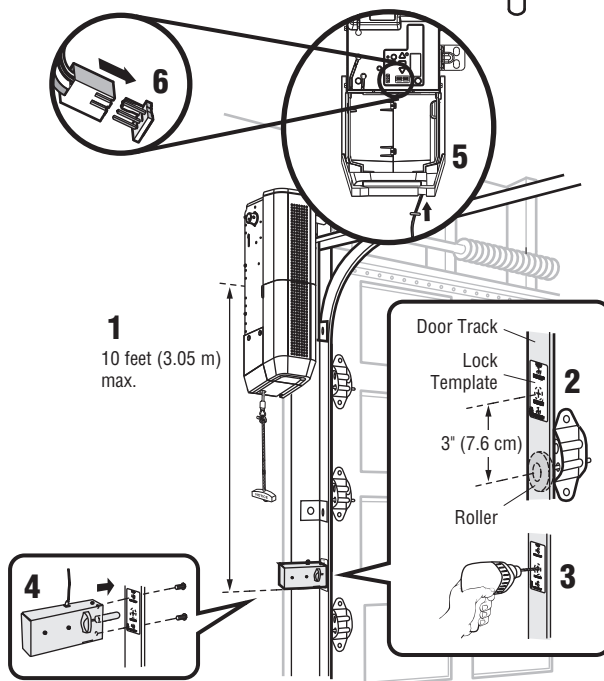
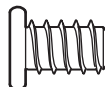
NOTE: Older model 24V door locks are incompatible.

1. The lock must be mounted within 10 ft. (3.05 m) of door opener. If possible, mount on same side as door opener. The third roller from the bottom is ideal for most installations.
2. Ensure rail surface is clean and attach the lock template to the track so that the bolt hole is approximately 1-3" (2.5-7.6 cm) from the center of a door roller.
3. Drill holes as marked on the template.
4. Fasten automatic door lock to the outside of the door track with hardware provided.
5. Run bell wire up wall to door opener. Use insulated staples to secure wire in several places. Insert wire through the bottom of the door opener.
6. Plug the connector into either plug in the door opener.

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

HARDWARE

Screw 1/4"-20x1/2" (2)



Installation

4 Install the Door Control (Smart Control Panel®)

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.

Your garage door opener is compatible with up to 2 Smart Control Panels or 4 of any other Security+ 2.0 door controls. **NOTE:** Older LiftMaster door controls and third party products are not compatible.

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

1. Strip 7/16" (11 mm) of insulation from one end of the wire and separate the wires.
2. Connect one wire to each of the two screws on the back of the door control. The wires can be connected to either screw. **PRE-WIRED INSTALLATIONS:** Choose any two wires to connect, but make note of which wires are used.
3. Mark the location of the bottom mounting hole and drill a 5/32" (4 mm) hole.
4. Install the bottom screw, allowing 1/8" (3 mm) to protrude from the wall.
5. Position the bottom hole of the door control over the screw and slide down into place.
6. Lift the push bar up and mark the top hole.
7. Remove the door control from the wall and drill a 5/32" (4 mm) hole for the top screw.
8. Position the bottom hole of the door control over the screw and slide down into place. Attach the top screw.
9. 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). Do not pierce the wire with the staple as this may cause a short or an open circuit.
10. Connect the wire to the red and white terminals on the garage door opener. The wires can be connected to either terminal.
11. 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 13.

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.

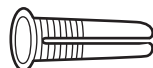
To prevent possible **SERIOUS INJURY** or **DEATH** from a closing garage door:

- 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.

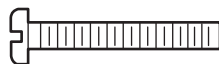
HARDWARE



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

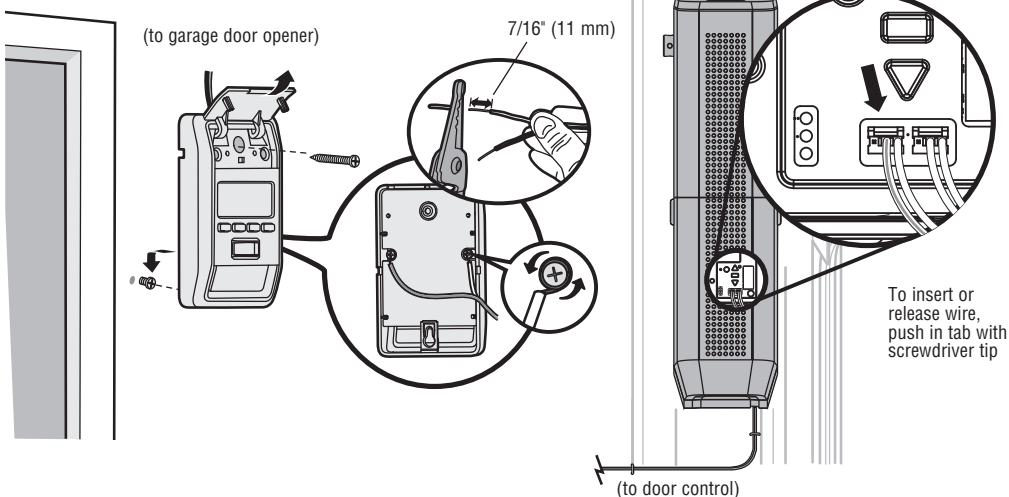


Drywall Anchors (2)



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

Insulated Staples (Not shown)



Installation

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.

5 Install myQ Remote LED Light

The myQ Remote 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

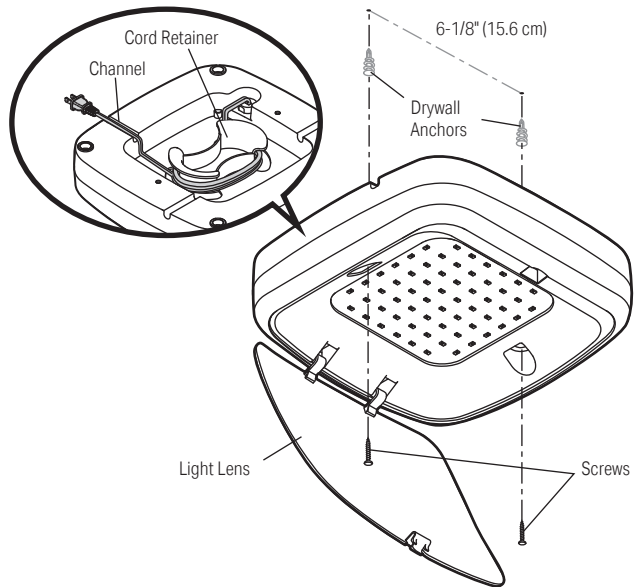
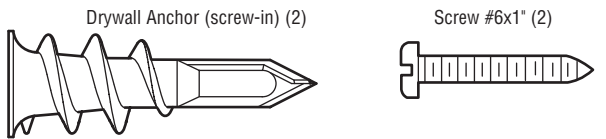
Screw in drywall anchors 6-1/8" (15.6 cm) apart if mounting to drywall.

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 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.

HARDWARE



Installation (continued)

6 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 receiving sensor has a shorter length of wire and should be mounted on the same side as the operator. If sunlight interference occurs, the receiving sensor can be moved to the other side of the door opening by cutting the wires of the sending sensor and the receiver sensor and reconnecting the wires.

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.

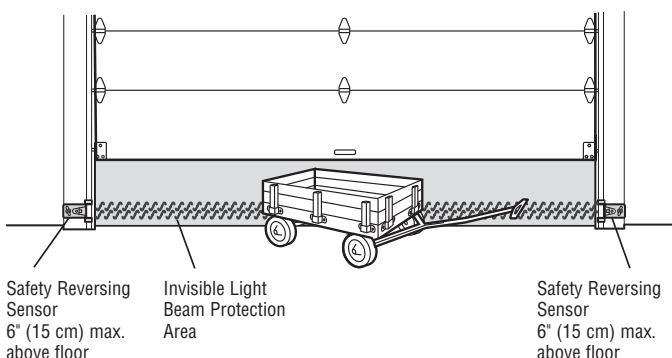
The invisible light beam path must be unobstructed. No part of the garage door (door tracks, springs, hinges, rollers or other hardware) may interrupt the beam while the door

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

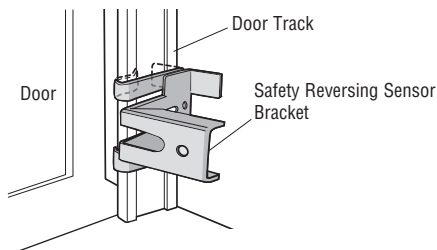
The brackets house the safety reversing sensors in a fixed, secure position so the safety reversing sensors will face each other across the garage door, with the beam no higher than 6" (15 cm) above the floor. Be sure power to the opener is disconnected.

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.

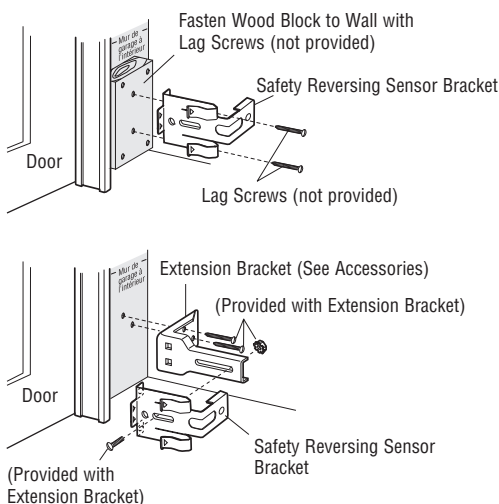


OPTION B: Wall Installation

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).

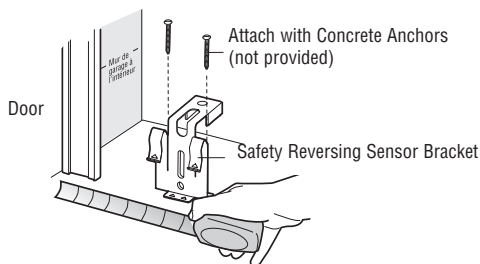
If using extension brackets or wood blocks, adjust right and left assemblies to the same distance out from the mounting surface. Make sure all door hardware obstructions are cleared.

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



OPTION C: Floor Installation

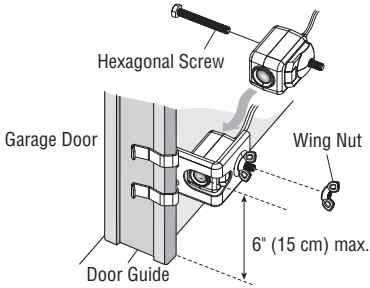
1. Use wood blocks or extension brackets (see Accessories) to elevate sensor brackets so the lenses will be no higher than 6" (15 cm) above the floor.
2. Carefully measure and place right and left assemblies at the same distance out from the wall. Be sure all door hardware obstructions are cleared.
3.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



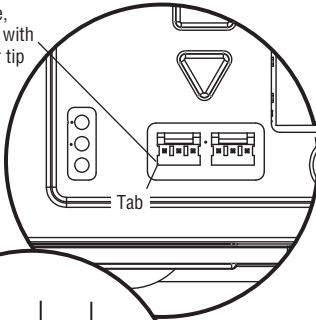
Wing Nut 10-24 (2)

WIRE THE SAFETY REVERSING SENSORS

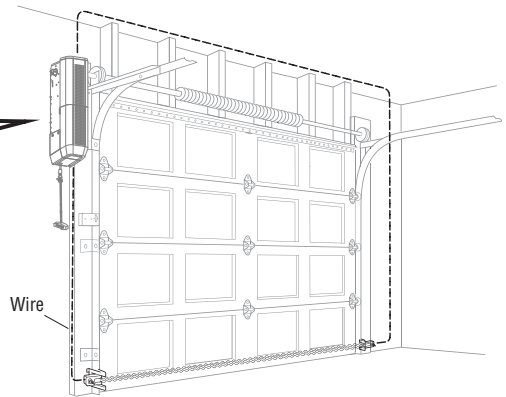
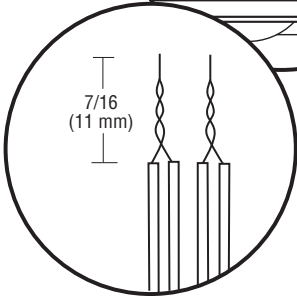
The receiving sensor has a shorter length of wire and should be mounted on the same side as the operator. If sunlight interference occurs, the receiving sensor can be moved to the other side of the door opening by cutting the wires of the sending sensor and the receiver sensor and reconnecting the wires.

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



7/16
(11 mm)



Installation (continued)

7 Connect Power

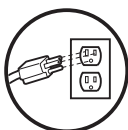
To avoid installation difficulties, do not run the garage door opener at this time.

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.

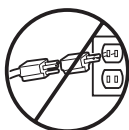
There are two options for connecting power:

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

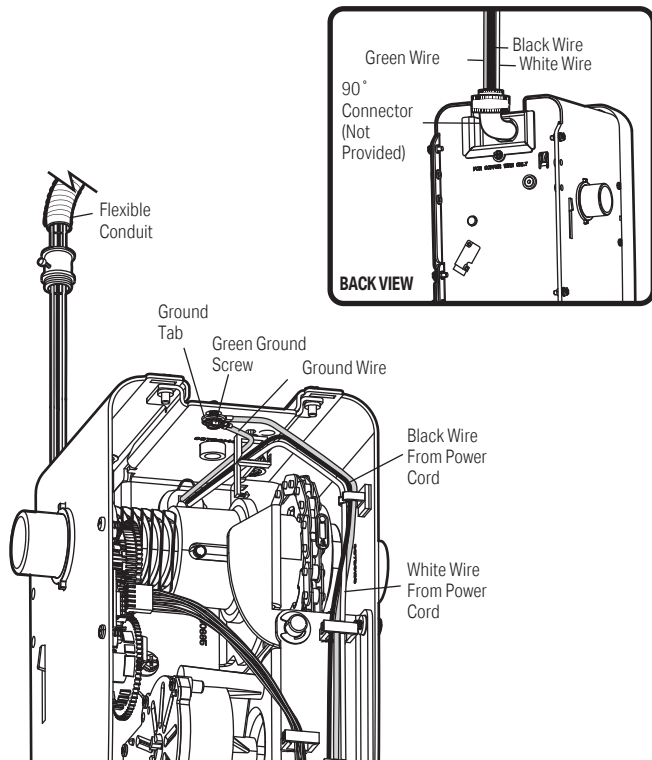


WRONG

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)

8 Align the safety reversing sensors

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

NOTE: After finishing the installation, **do not operate this opener at this time.**

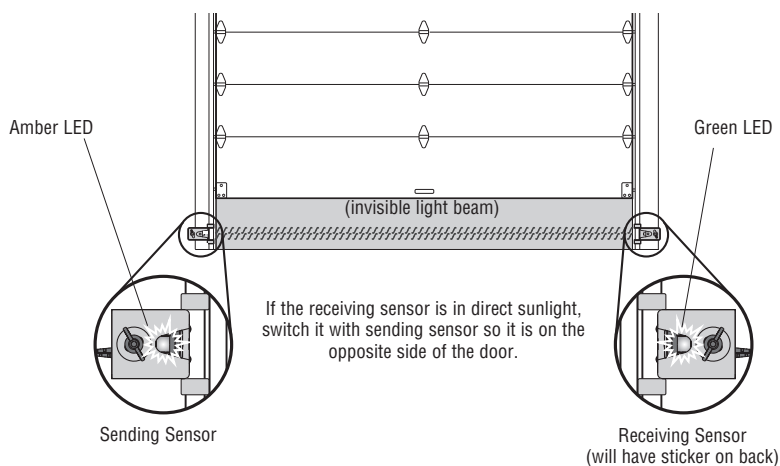
See **Set Door Profile** and **Program the Travel** for setting the door drum size and travel limits. Both of these processes are critical to safe and proper operation. Failure to follow these instructions can result in opener and door damage!

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.

Installation

9 Install the Battery Backup

When in Battery Backup mode, myQ Smartphone Control 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 battery cover and route antenna into channel.
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 blinking 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 blinking 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: Battery does not have to be fully charged to operate the garage door opener.

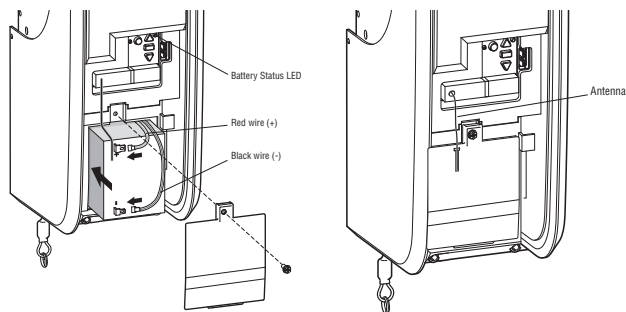
WARNING

To reduce the risk of FIRE or INJURY to persons:

- Disconnect ALL electric and battery power BEFORE performing ANY service or maintenance.
- Use ONLY LiftMaster part #485LM 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.



NOTE: Be sure the short antenna is not pinched by the battery door and held in place as shown.

Adjustment

1 Identify Door Profile

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

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

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



WARNING

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

Standard Lift Sectional Door

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

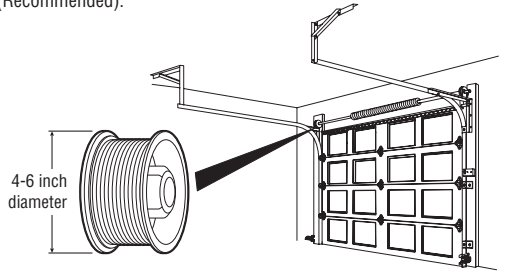
* *NOTE: Drum sizes may vary by manufacturer.*

For Standard Lift Sectional Doors:

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

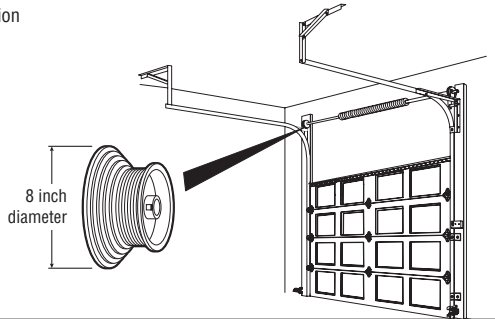
• *Drums more than 5", use 6" drum.*

Standard to Heavy Weight doors are those with solid wood interiors, wood veneer exteriors, glass windows, insulation, and/or decorations.



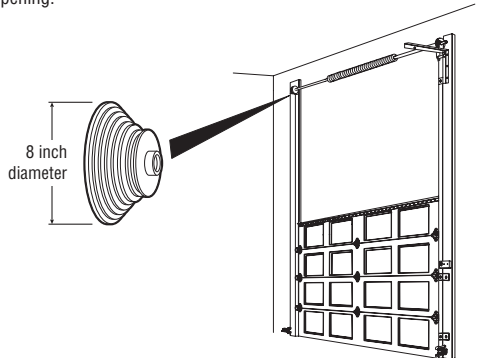
High Lift Door

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



Vertical Lift Sectional Door

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



Adjustment

2 Set Door Profile

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

Blinks	Drum Size	Door Type	Unbalanced Door Weight
1	4"	Sectional	> 180 lbs.
2	4"	Sectional	< 180 lbs.
3	6"	Sectional	> 400 lbs.
4	6"	Sectional	< 400 lbs.
5	8"	High lift or vertical	N/A

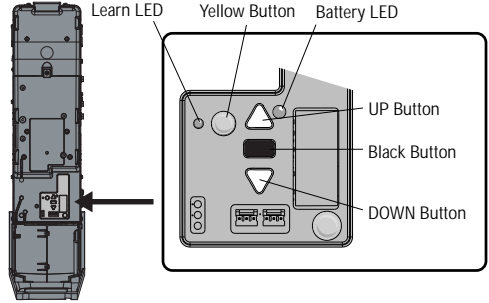
4. Press and release the Black button to set the Door Profile. This process is now complete. Proceed to the Travel Learn mode.

EXITING DOOR PROFILE NUMBER SETTING

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

WARNING

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



Adjustment

3 Program the Travel

WARNING

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

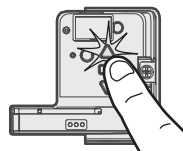
- Incorrect adjustment of garage door travel limits will interfere with proper operation of safety reversal system.
- After ANY adjustments are made, the safety reversal system MUST be tested. Door MUST reverse on contact with 1-1/2" (3.8 cm) high object (or 2x4 laid flat) on floor.

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

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



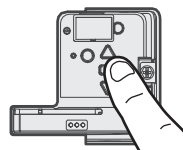
- 2** Once the door is in the desired UP position press and release the Adjustment Button. The garage door opener lights will blink twice and the DOWN Button will begin to flash.



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



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



4 Automatic Force Set Up

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

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

