

LiftMaster®

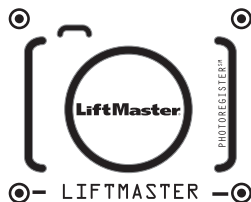
User's Guide

Model: 2100L, 2300L

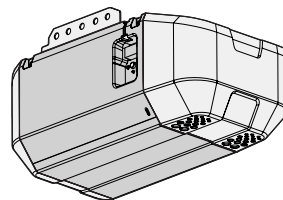
Model: 2220L, 2420L (Camera)
FOR RESIDENTIAL USE ONLY

PRE-PROGRAMMED REMOTE CONTROL INCLUDED

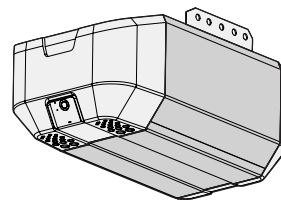
To register your garage door opener to receive updates and offers from LiftMaster, visit liftmaster.registria.com or use the icon below:



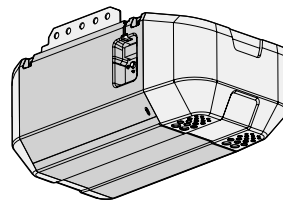
1. **Take a photo** of the camera icon including the points ().
2. **Send it in** by texting the photo to 71403 (US) or visit www.liftmaster.photo (Global).



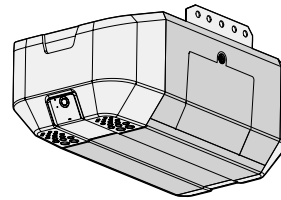
2100L



2220L



2300L



2420L

- Please read this guide 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.
- This garage door opener is **ONLY** compatible with myQ® and Security+ 3.0™ accessories.
- **DO NOT** install on a one-piece door if using devices or features providing unattended close. Unattended devices and features are to be used **ONLY** with sectional doors.
- Attach warning labels to the location indicated on label.



Use QR code to
download the
free myQ App.



Available on most iOS and Android Devices

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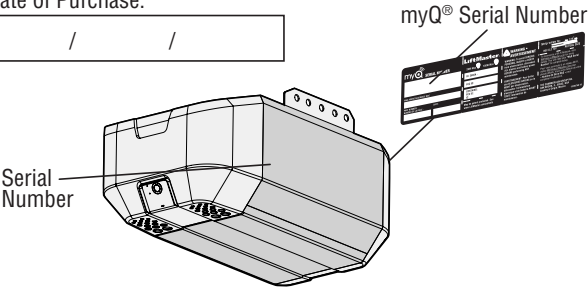
Routine Maintenance Can Prevent Tragedies 17

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® 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® App, and any other myQ® devices are to be used **ONLY** with sectional doors.

The images throughout this manual are for reference only and your product may look different.

Important Safety Instructions

Important Safety Instructions



WARNING

To reduce the risk of SEVERE INJURY or DEATH:

1. READ AND FOLLOW ALL INSTALLATION 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 (1.5 m) above floors, landings, steps or any other adjacent walking surface.
 - away from ALL moving parts of the door.
10. Place entrapment warning label on wall next to garage 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. DO NOT install on a one-piece door if using devices or features providing unattended close. Unattended devices and features are to be used ONLY with sectional doors.

15. SAVE THESE INSTRUCTIONS.

Power

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 the outlet. Be sure the opener is grounded.

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 your outlet, contact a qualified electrician to install the proper outlet.

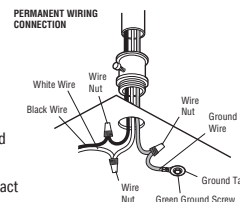
Option A- Typical Wiring

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

Option B- Permanent Wiring

If permanent wiring is required by your local code, refer to the following procedure. To make a permanent connection through the 7/8 inch hole in the top of the motor unit (according to local code):

1. Be sure power is NOT connected to the opener, and disconnect power to the circuit.
2. Remove the motor unit cover screws and set the cover aside.
3. Cut the power cord 6 inches (15.2 cm) from the top of the garage door opener.
4. Remove the strain relief.
5. Pull the power cord wires back into the garage door opener.
6. Install conduit or flex cable adapter in the 7/8 inch hole.
7. Run the permanent wires through the conduit in the 7/8 inch hole. Strip the insulation from the ends of all wires.
8. Connect the black (line) wire to the existing black wire; the white (neutral) wire to the existing white wire; and the ground wire to the existing green ground wire with wire nuts. The opener must be grounded.
9. Properly secure the wires with plastic ties so that the wires do not come in contact with moving parts.



Important Safety Instructions

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 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. ALWAYS KEEP GARAGE DOOR PROPERLY BALANCED. An improperly balanced door may NOT reverse when required and could result in SEVERE INJURY or DEATH.
11. 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.
12. To avoid interference with the proper operation of the garage door opener when using a welder in the garage, unplug garage door opener before operating welder.
13. To avoid SERIOUS PERSONAL INJURY or DEATH from electrocution, disconnect ALL electric and battery power BEFORE performing ANY service or maintenance.
14. This operator system is equipped with an unattended operation feature. The door could move unexpectedly. NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR.
15. DO NOT install on a one-piece door if using devices or features providing unattended close. Unattended devices and features are to be used ONLY with sectional doors.

16. SAVE THESE INSTRUCTIONS.

NOTICE: This device complies with part 15 of the FCC rules and Innovation, Science and Economic Development Canada license-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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.

myQ® App Control

Connect With Your Smartphone

YOU WILL NEED:

- Wi-Fi® & Bluetooth 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)
- myQ® serial number located on the garage door opener

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. The garage door opener must run through a complete cycle before it will activate Wi-Fi® programming.

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

If you already have the myQ® App installed:

1. Check that your mobile device has the latest software.
2. Download the latest version of the myQ® App.

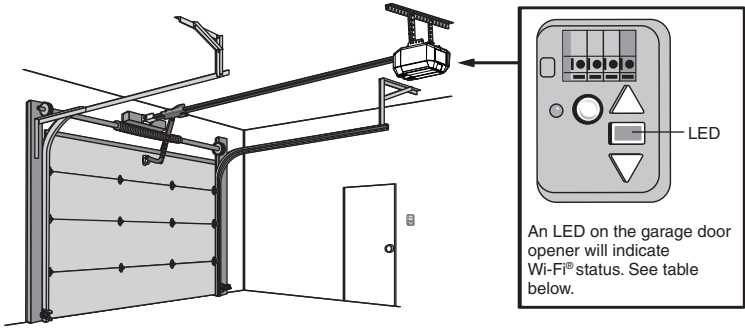


For more information on connecting your garage door opener, visit support.chamberlaingroup.com.

NOTES:

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

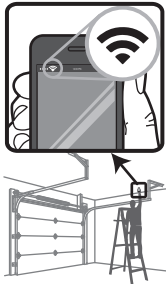
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App Store and the Apple and App Store logos are trademarks of Apple Inc.



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

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 is installed and check the Wi-Fi signal strength.



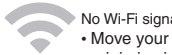
Check Signal Strength. If you see:



Wi-Fi signal is strong. You're all set!
Install your new garage door opener.



Wi-Fi signal is weak.
The garage door opener will likely connect to your Wi-Fi network. If not, try one of the options below.



No Wi-Fi signal. Try one of the following:
• Move your router closer to the garage door opener to minimize interference from walls and other objects.
• Buy a Wi-Fi range extender.

Programming

Remote Control and Keyless Entry

PRE-PROGRAMMED REMOTE CONTROL INCLUDED, NO NEED TO PROGRAM THE REMOTE

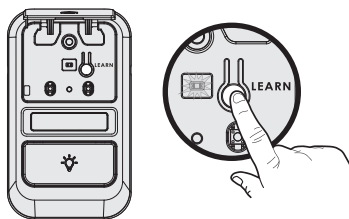
To add or reprogram a remote control, follow the instructions below. Older LiftMaster remote controls are NOT compatible. Please note, this garage door opener will only be compatible with Security +3.0™ remote transmitters and wireless keypads.

PROGRAM A REMOTE CONTROL OR WIRELESS KEYPAD TO YOUR GARAGE DOOR OPENER

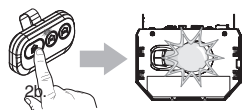
1. Lift the push bar. Press the LEARN button twice (after the second press, the LED on the door control panel will pulse repeatedly).
- 2a. Within 30 seconds, press and hold the button on the remote control that you wish to use. Release the button when the garage door opener lights flash and/or two clicks are heard.
- 2b. Within 30 seconds, enter a 4-8 digit personal identification number (PIN) of your choice. Press and hold the HOME button until the garage door opener lights flash and/or two clicks are heard.

TEST FOR SUCCESS: To operate the garage door opener, press the remote button you programmed. The garage door should activate. If it does not, repeat the programming steps. Alternatively, with the garage door closed, enter the PIN you programmed, and press the HOME button. The garage door will then open. If it does not open, repeat the programming steps.

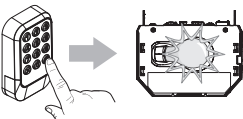
1.



2a.

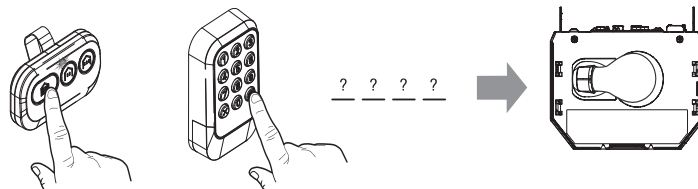
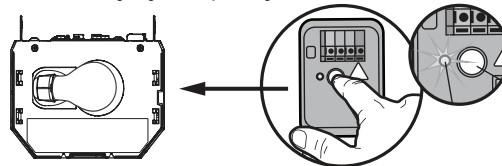


2b.



PROGRAM USING THE GARAGE DOOR OPENER LEARN BUTTON

1. Locate the LEARN Button.
2. Press and immediately release the LEARN button. The LEARN LED will glow steady for 30 seconds.
3. Remote Control: Press and hold the button on the remote control that you wish to use.
Keyless Entry: Enter a 4-digit personal identification number (PIN) of your choice on the keyless entry keypad.
Then press and hold the ENTER button.
4. Release the button when the garage door opener lights blink or two clicks are heard.



HomeLink®

This opener is compatible with HomeLink versions 4, 5 and 6. HomeLink programming and support can be obtained by contacting HomeLink directly at 1-800-355-3515 or by visiting their website at www.HomeLink.com.

Camera

Set Up the Camera

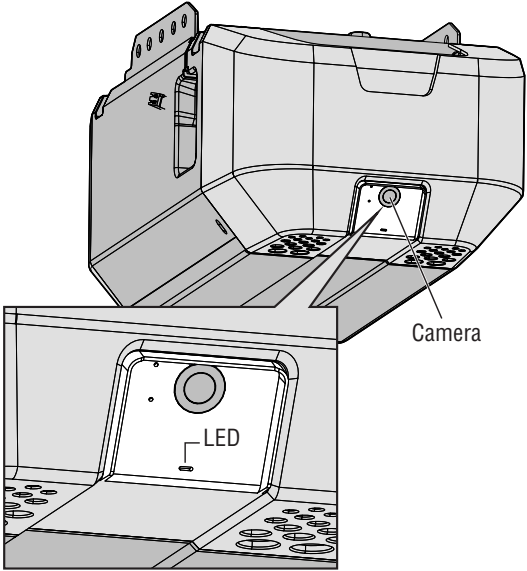
Models

- 1. Download the myQ® app and setup your account.
- 2. Follow the instructions in the app to setup and use the camera.

For more informaiton on using the camera, visit support.chamberlaingroup.com.

NOTES: myQ® app control and camera WILL NOT work if the garage door opener is operating on battery power.

Camera Status	During the camera set up process the LED color will change as it progresses through each state.
LED	Definition
Flashing Blue	Camera is attempting to connect to the mobile device.
Solid Blue	Camera is connected to the mobile device.
Flashing Blue and Green	Camera is attempting to connect to the router.
Flashing Green	Camera is connected to the router and attempting to connect to myQ® server.
Soild Green	Camera is connected and working normally.
Solid White	Camera is powering up.
Flashing Red	Camera is overheating.
Flashing Purple	Camera firmware is updating.



Operation

Erase the Memory

ERASE ALL REMOTE CONTROLS AND KEYLESS ENTRIES

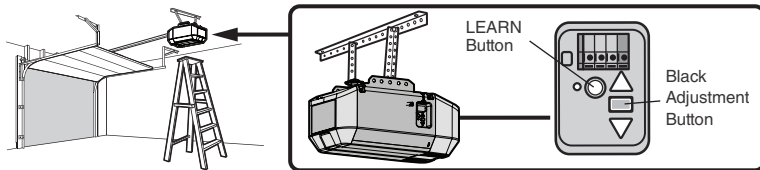
1. Press and hold the LEARN button on garage door opener until the LEARN LED goes out (approximately 6 seconds). All remote control and keyless entry codes are now erased. Reprogram any accessory you wish to use.

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.

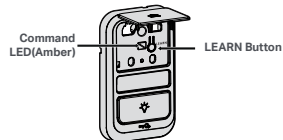
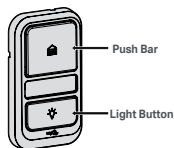
ERASE THE CONNECTION FROM GARAGE DOOR OPENER TO HOME Wi-Fi® NETWORK

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



Door Control

Multi-Function Control Panel



To Open the Door Manually

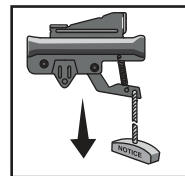
! WARNING

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

- If possible, use emergency release handle to disengage trolley 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.
- NEVER use handle to pull door open or closed. If rope knot becomes untied, you could fall.

NOTE: Disengage any door locks before proceeding.

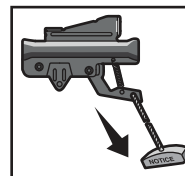
1. The door should be fully closed if possible.
2. Pull down on the emergency release handle.



Lockout Feature

1. Pull the emergency release handle down and back. The door can then be raised and lowered manually.
2. To disengage the lockout feature, pull the handle straight down.

The trolley will reconnect on the next time the openers is activated.



Battery Backup

Install the Battery

Model 2300L, 2420L

WARNING

To reduce the risk of FIRE or INJURY to persons:

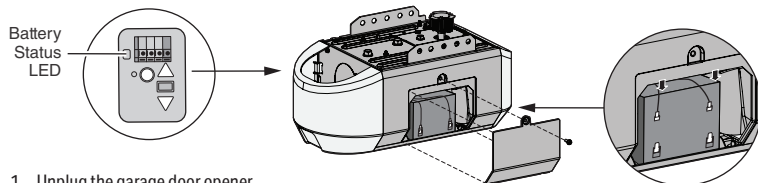
- Disconnect ALL electric and battery power BEFORE performing ANY service or maintenance.
- Use ONLY LiftMaster part # 010-0061 for replacement battery.
- DO NOT dispose of battery in fire. Battery may explode. Check with local codes for disposal instructions.

CAUTION

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

The 12V battery backup allows access in and out of your garage, even when the power is out. The battery does not have to be fully charged to operate the garage door opener. When the garage door opener is operating on battery power, it may run slower, and the following features are disabled:

- Garage door opener lights
- myQ® App control and monitoring
- Unattended close including Timer-to-Close



1. Unplug the garage door opener.
2. Use a Phillips head screwdriver to remove the side panel 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.
7. Wait for the green Battery Status LED to start flashing before proceeding to test the battery.

Test the Battery

Depending on the power level, the battery may need to charge before performing the test. The garage door opener must be unplugged to test the battery.

1. Open and close the door using the remote control or door control. While the motor is on, the battery status LED will either glow solid orange indicating opener is operating on battery power or will flash indicating low battery power. *NOTE: The garage door opener may run slower if the battery is not fully charged.*
2. Plug in the garage door opener. Verify the battery status LED is flashing green, indicating the battery is charging.

Charge the Battery

The battery charges when the garage door opener is plugged into a 120Vac electrical outlet that has power and requires 24 hours to fully charge. A fully charged battery supplies 12Vdc to the garage door opener for up to 24 hours of normal operation during an electrical power outage. After the electrical power has been restored, the battery will recharge within 24 hours. The battery will last approximately 1 to 2 years with normal usage. Instructions for replacement are provided with the battery. To obtain maximum battery life and prevent damage, disconnect the battery when the garage door opener is unplugged for an extended period of time, such as a summer or winter home.

Battery Status

Green battery status 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 battery status LED: The garage door opener has lost power and is in battery backup mode.

- A solid orange LED while the motor is on indicates the garage door opener is operating on battery power.
- A flashing orange LED while the motor is on indicates the battery is low.
- The opener beeps every 2 seconds while operating on battery power.

Red battery status LED: The battery needs to be replaced.

- A solid red LED indicates the battery will no longer hold a charge. Go to chamberlain.com to purchase a replacement battery to allow your system to operate during a power outage.

Installation

The Protector System® (Safety Reversing Sensors)

WARNING

Be sure power is NOT connected to the garage door opener

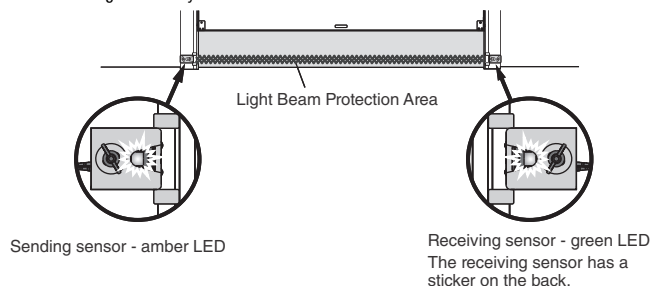
BEFORE installing the safety reversing sensor.

To prevent SERIOUS INJURY or DEATH from 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.

IMPORTANT: The safety reversing sensors MUST be connected and aligned correctly before the garage door opener will move in the down direction.

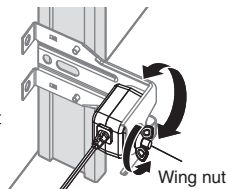
When the garage door opener has power, check the safety reversing sensors. If the sensors are aligned and wired correctly, both LEDs will glow steadily.



To align the safety reversing sensors:

1. Loosen the wing nuts.
2. Adjust the sensors up or down until both LEDs glow steady indicating alignment.
3. Tighten the wing nut to secure the sensor.

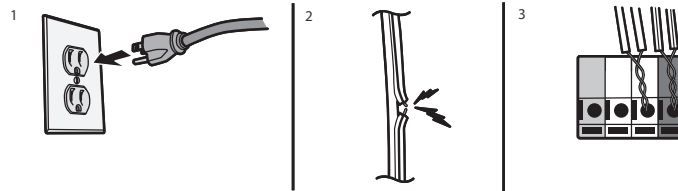
TIP: After tightening the wingnut, lightly wiggle the sensor brackets by hand without blocking the beam to ensure both LEDs remain glowing steady. If the receiving eye flashes while wiggling the brackets, adjust the sensor alignment until a solid LED glow is reached before proceeding.



SAFETY SENSOR TROUBLESHOOTING

If either of the sensor LEDs are off, there is no power to the sensor:

1. Check that you have power to the garage door opener.
2. Check the sensor wire is not shorted or broken.
3. Check that the sensors are wired correctly; white wires to white terminal and white/black wires to grey terminal.



If the green receiving sensor LED is blinking, the sensors are obstructed or misaligned:

1. Check for obstructions in the sensor light beam.
2. Align the sensors.
3. If the receiving sensor (green LED) faces direct sunlight, switch the receiving sensor with the sending sensor.

Ensure the Door Control is Wired Correctly

If the door control has been installed and wired correctly, the command LED on the control panel will blink or the LED behind the push button will blink.

Adjustments

Introduction

WARNING

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

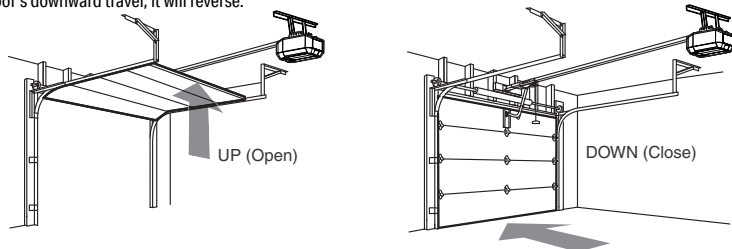
- Incorrect adjustment of garage door travel limits will interfere with proper operation of safety reversal system.
- After **ANY** adjustments are made, the safety reversal system **MUST** be tested. Door **MUST** reverse on contact with 1-1/2" (3.8 cm) high object (or 2x4 laid flat) on floor.

CAUTION

To prevent damage to vehicles, be sure fully open door provides adequate clearance.

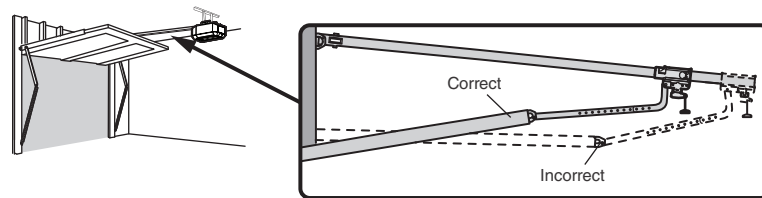
Your garage door opener is designed with electronic controls to make setup and adjustments easy. The adjustments allow you to program where the door will stop in the open (UP) and close (DOWN) position. The electronic controls sense the amount of force required to open and close the door. The force is adjusted automatically when you program the travel.

NOTE: If anything interferes with the door's upward travel it will stop. If anything interferes with the door's downward travel, it will reverse.



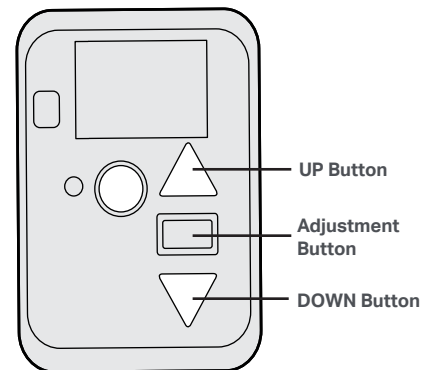
ONE-PIECE DOORS ONLY

When setting the UP travel for a one-piece door ensure that the door does not slant backwards when fully open (UP). If the door is slanted backwards, this will cause unnecessary bucking and/or jerking when the door is opening or closing.



PROGRAMMING BUTTONS

The programming buttons are located on the left side panel of the garage door opener and are used to program the travel. While programming, the UP and DOWN buttons can be used to move the door as needed.



Adjustments

STEP 1 Program the Travel

WARNING

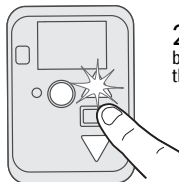
Without a properly installed safety reversal system, persons (particularly small children) could be **SERIOUSLY INJURED or KILLED** by a closing garage door.

- 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.

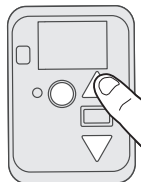
While programming the travel, the UP and DOWN buttons can be used to move the door as needed. The Safety Reversing Sensors will be disconnected during the Program the Travel process. During the Automatic Force Setup, the door will automatically open and close.

1 Press and hold the Adjustment button until the UP button begins to flash and/or a beep is heard.

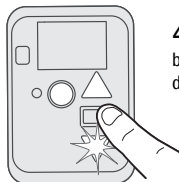
The Safety Reversing Sensors will be disconnected during the Program the Travel process.



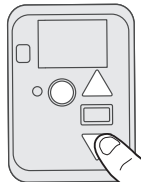
2 Press and hold the UP button until the door is in the desired UP position.



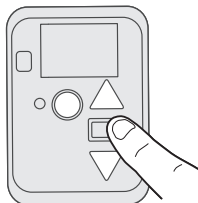
3 Once the door is in the desired UP position, press and release the Adjustment button. The garage door opener lights will flash twice, and the DOWN button will begin to flash.



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, and the opener will automatically set the openers force settings.



STEP 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.

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.



*If the garage door opener lights are flashing 5 times during the steps for Program the Travel, the programming has timed out. If the garage door opener lights are flashing 10 times during the steps for Program the Travel, the safety reversing sensors are misaligned or obstructed. When the sensors are aligned and unobstructed, cycle the door through a complete up and down cycle using the remote control or the UP and DOWN buttons. Programming is complete. If you are unable to operate the door up and down, repeat the steps for Program the Travel.

Adjustments

STEP 3 Test the Safety Reversal System

WARNING

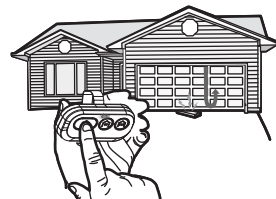
Without a properly installed safety reversal system, persons (particularly small children) could be **SERIOUSLY INJURED** or **KILLED** by a closing garage door.

- 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" (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.

NOTE: Applying slightly more pressure to the door seal may allow the safety reversal systems to be set properly.

2. Repeat the Safety Reversal Test.

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

NOTE: When setting the down location, if the door still needs to close by about an inch, the rail should bow slightly upward. This upward bow indicates that additional pressure is being applied to the system, which may be sufficient for the reversal test to pass successfully.

STEP 4 Test the Protector System

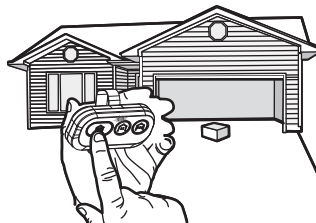
WARNING

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.

Maintenance

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 if necessary.
- Test the safety reversal system. Adjust if necessary.

Every Year

- Apply garage door lubricant to rollers, bearings, and hinges.
 - (If applicable) Test the battery backup and consider replacing the battery to ensure the garage door opener will operate during an electrical power outage.
1. Unplug the garage door opener from AC power. The battery status LED will glow solid orange (opener is operating on battery power) or will flash (low battery power).
 2. Open and close the door using the remote control or door control.
 3. 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.
 4. Plug in the garage door opener. Verify the battery status LED is flashing green (battery is charging).

Every Two to Three Years

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

The Remote Control Battery



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.

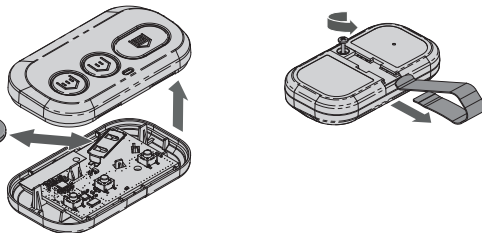
Unscrew captive screw.

Pry open top housing and lift up.

Remove old battery out of the holder and replace with new battery.

Re-attach top housing and tighten captive screw.

Replace with only 3V CR2032 coin cell battery.



Troubleshooting

Below are basic troubleshooting tips, for additional help and support videos visit LiftMaster.com/Customer-Support or contact your installing dealer.

My garage door opener will not close:

Check to make sure the LEDs in both sensors are glowing steadily. The LEDs in both sensors will glow steadily if they are aligned and wired correctly.

My vehicle's Homelink® is not programming to my garage door opener:

This opener is compatible with HomeLink versions 4, 5 and 6. HomeLink programming and support can be obtained by contacting HomeLink directly at 1-800-355-3515 or by visiting their website at www.HomeLink.com.

My garage door opener beeps:

The garage door opener can beep for several reasons:

- The opener senses an obstruction while traveling.
- Garage door opener has been activated through a device or feature such as Timer-to-Close, garage door monitor or LiftMaster Internet Gateway.

My neighbor's remote control opens my garage door:

Erase the memory from your garage door opener and reprogram the remote control(s).

The garage door moves 6-8", stops, or reverses:

- Manually open and close the garage door. Garage door may be binding or there may be an obstruction. If the door is binding, call a trained door systems technician.
- Possible travel module failure.

My remote control will not activate the garage door:

Verify the lock feature is not activated on the door control or reprogram the remote control.

The wall-mounted door control will not function:

The wires for the door control are shorted or the door control is faulty.

Garage door opener hums for 1-2 seconds with no movement and 5 flashes and 5 beeps occur:

Manually open and close the garage door. Garage door may be binding or there may be an obstruction. If the door is binding, call a trained door systems technician.

Cannot connect garage door opener to home Wi-Fi network:

Ensure the myQ® Serial number was entered correctly and try again. The myQ® characters are between A-F and 0-9 only.

For the complete manual visit support.chamberlaingroup.com.

Repair Parts

To see repair parts for your garage door opener, identify the model number on the end panel of the opener and visit Chamberlain.com/Customer-Support to download or print the installation manual.

Warranty

LIFTMASTER® LIMITED WARRANTY

LiftMaster® ("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					
Model	Parts	Motor	Accessories	Battery Backup	Chain
2100L	1 year	5 years	1 year	-	1 year
2200L	1 year	5 years	1 year	-	1 year
2300L	1 year	5 years	1 year	1 year	1 year
2420L	1 year	5 years	1 year	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, visit LiftMaster.com, before dismantling this product. You will be advised of disassembly and shipping. 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.

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.



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



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.

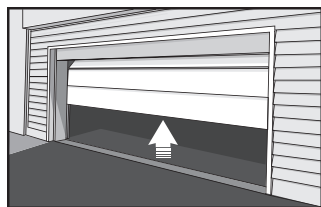


WARNING—SPRINGS ARE UNDER HIGH TENSION. ONLY QUALIFIED INDIVIDUALS SHOULD ADJUST THEM.



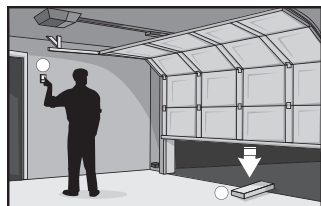
Visually check the door and installation:

- 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 photo eye height is no higher than 6" from the garage floor.



Test the door for proper operation:

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



Test the opener safety features:

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



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The Chamberlain Group LLC, 300 Windsor Drive Oak Brook, IL, 60523, United States

HOW TO ORDER REPAIR PARTS

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**WHEN ORDERING REPAIR PARTS
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- ✓ **PART NUMBER**
- ✓ **DESCRIPTION**
- ✓ **MODEL NUMBER**