

CRITICAL INFORMATION
PLEASE READ BEFORE
YOU BEGIN

This Quick Start Guide is intended to highlight a typical installation; these instructions are not intended to be comprehensive.

WARNING

To reduce the risk of SEVERE INJURY or DEATH, READ AND FOLLOW ALL INSTALLATION INSTRUCTIONS provided in the manual. This QuickStart is NOT intended to replace the manual, but serves as a reminder for those familiar with the manual and the installation of this product.

- 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.

Refer to the User's Guide/Owner's Manual for instructions on the use of your product, troubleshooting and periodic maintenance.

UNATTENDED OPERATION

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

SAFETY INFORMATION

Safety Symbols

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

WARNING

Mechanical

WARNING

Electrical

CAUTION

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.

Before You Begin:

- Uninstall previous garage door opener.
- Disable locks.
- Remove any ropes connected to the garage door.
- Check the seal on the bottom of the door. Any gap between the floor and the bottom of the door must not exceed 1/4 inch (6 mm). Otherwise, the safety reversal system may not work properly.

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

- Lift the door halfway up. Release the door. If balanced, it should stay in place, supported entirely by its springs.
- Raise and lower the door to check for binding or sticking.

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

To view a video showing how to balance your garage door, visit: <https://tinyurl.com/ybpyxxzw>

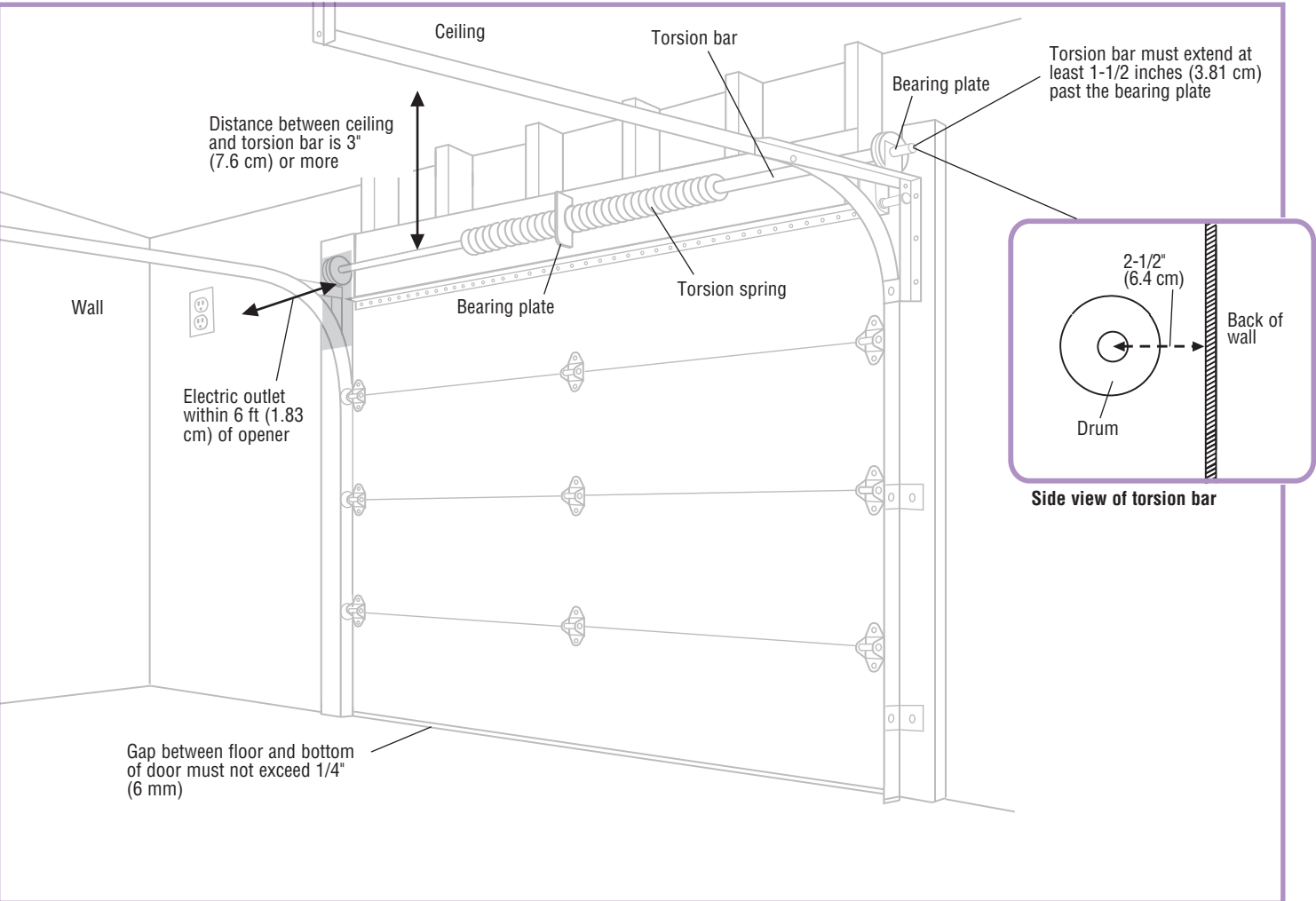
PRE-INSTALLATION CHECKLIST

Your garage **MUST** meet the following requirements **BEFORE** you start installing the opener. You can install the garage door opener on either the left or right side of the garage door.

Use the check list to see if your garage is compatible with the garage door opener requirements. **IMPORTANT: If you DO NOT meet all the requirements contact a trained door systems technician.**

REQUIREMENTS CHECK LIST

- ☐ **Sectional garage door:**
 - Standard sectional door up to 14 feet (4.3 m) high.
 - Sectional High lift door (up to 54 inches (137.2 cm) high.
 - Doors up to 18 feet (5.5 m) wide OR doors up to 180 sq. ft. (16.7 sq. m)
 - Any gap between the floor and the bottom of the door must not exceed 1/4 inch (6 mm). Otherwise, the safety reversal system may not work properly.
 - ☐ **Torsion bar and torsion springs:**
 - Torsion bar is 1 inch (2.5 cm) diameter.
 - Torsion bar must extend at least 1-1/2 inches (3.81 cm) past the bearing plate and be free of damage.
 - Distance between ceiling and center of torsion bar is 3 inches (7.6 cm) or more.
 - Distance between garage wall the torsion bar is mounted on and center of torsion bar is 2-1/2 inches (6.4 cm) or more.
 - A minimum of 8.5 inches (21.6 cm) between the side garage wall (or obstruction) and the end of the torsion bar.
 - ☐ **Drums**
 - NOT compatible with reverse wound drums.
 - must be 4-6 inches (10-15 cm) diameter.
 - 3 to 3.9 inch (7.6cm 9.9cm) drums may be used on doors up to 430lbs (194kgs).
 - ☐ **Power**
 - An electric outlet must be accessible within 6 feet (1.83 m) of the installation area for the opener. The outlet must be 120 VAC - 60 Hz and 1.0 AMP current **ONLY**. Contact a qualified electrician if you need an outlet installed.
- ALL** the requirements above **MUST** be met. If you do not meet the requirements, contact a trained door systems technician.



GLOSSARY

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

WARNING

To prevent possible SERIOUS INJURY or DEATH:

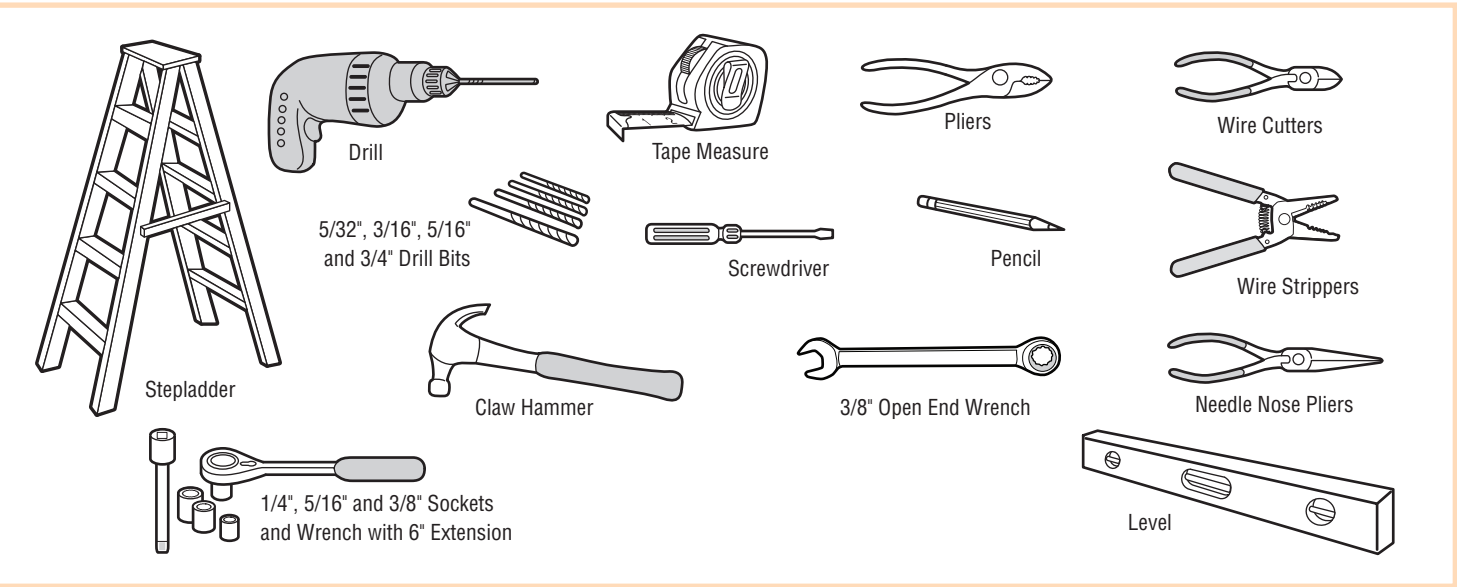
- ALWAYS** call a trained door systems technician if garage door binds, sticks, or is out of balance. An unbalanced garage door may NOT reverse when required.
- NEVER** try to loosen, move or adjust garage door, door springs, cables, pulleys, brackets or their hardware, ALL of which are under EXTREME tension.
- Disable ALL locks and remove ALL ropes connected to garage door **BEFORE** installing and operating garage door opener to avoid entanglement.

CAUTION

To prevent damage to garage door and opener:

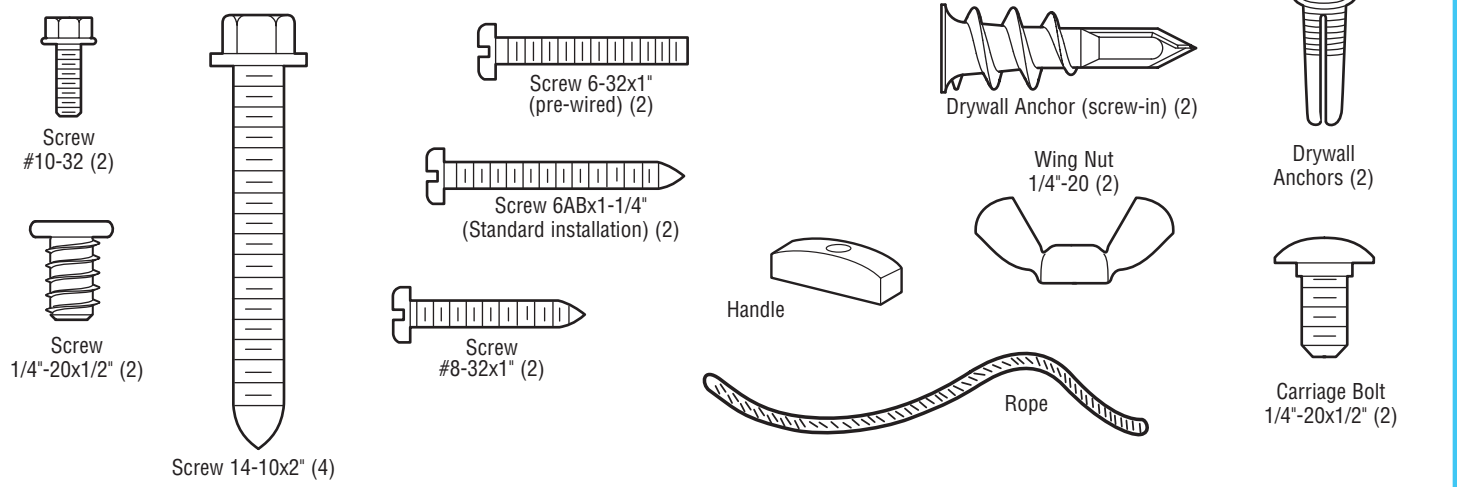
- ALWAYS** disable locks **BEFORE** installing and operating the opener.
- ONLY** operate garage door opener at 120 V, 60 Hz to avoid malfunction and damage.

TOOLS REQUIRED

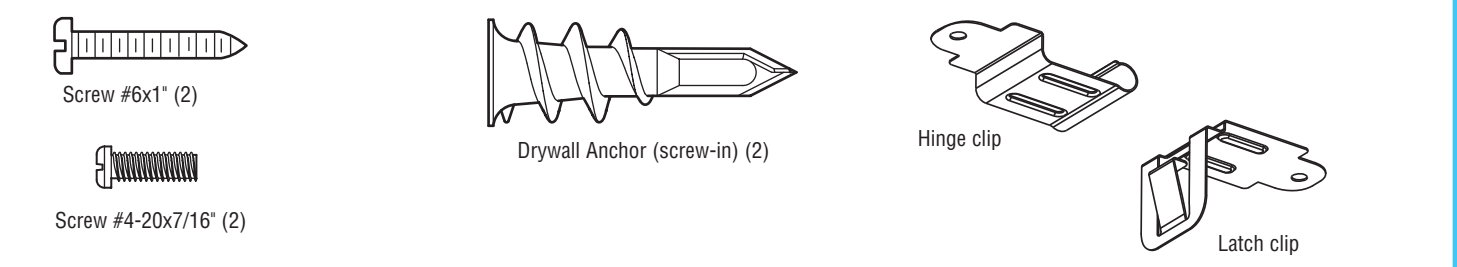


HARDWARE

INCLUDED HARDWARE



REMOTE LIGHT HARDWARE



INSTALLATION (CONTINUED)

2 Position and Mount the Garage Door Opener

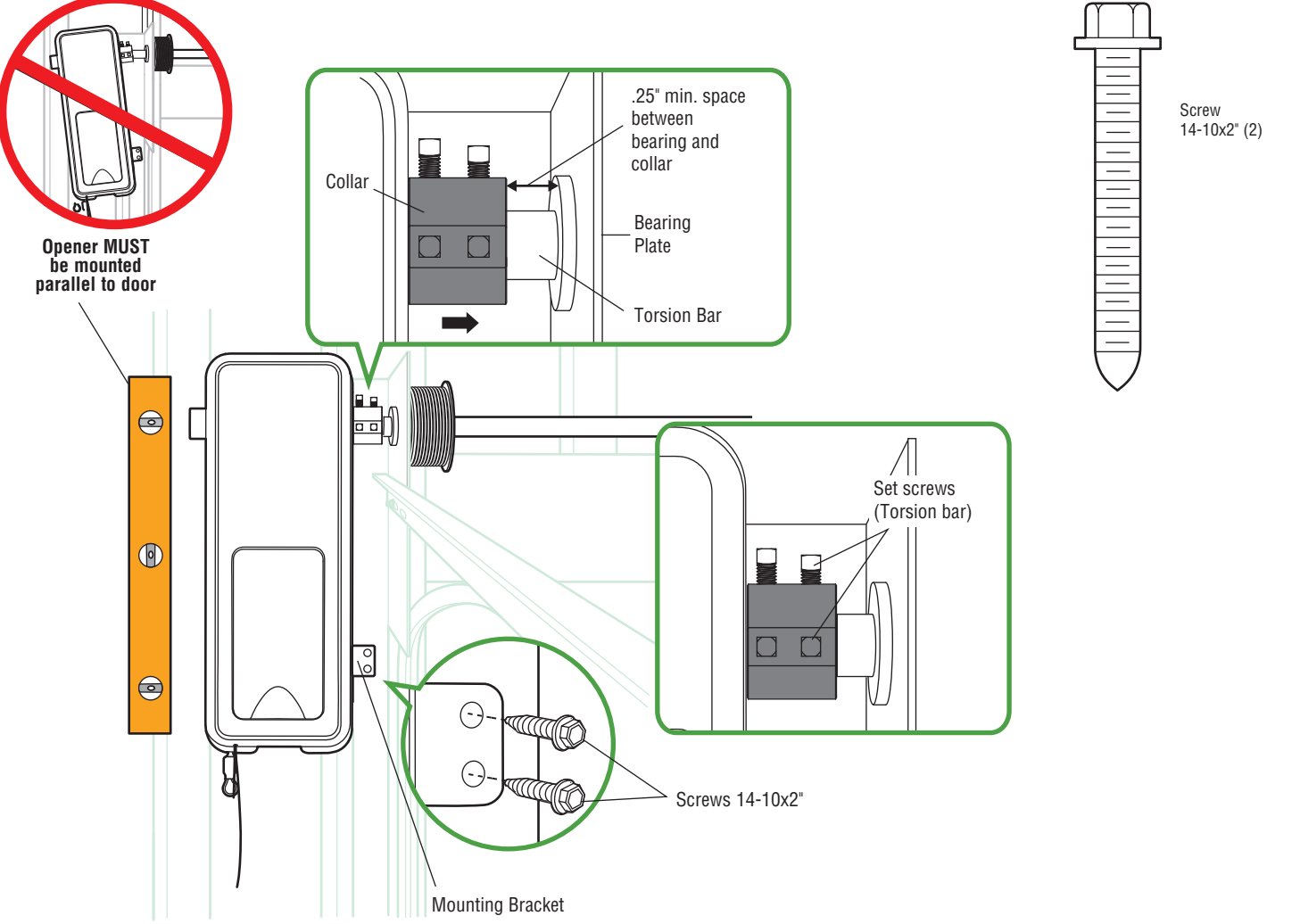
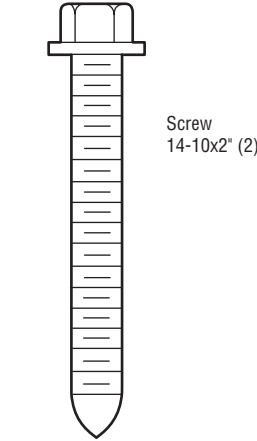
- Close the garage door completely.
- Slide the garage door opener onto the end of the torsion bar. Ensure the collar does NOT touch the bearing plate.
- Use a level to align the garage door opener parallel to the door. Verify the mounting bracket installation wall is solid surface, such as wood, concrete or a door/flag bracket. **IMPORTANT: If installing on drywall, the mounting bracket MUST be attached to a stud.**
- Mark the mounting bracket holes. If necessary, tighten collar screws on the torsion bar to hold garage door opener in place while marking holes. **NOTE: The garage door opener does not have to be flush to the wall.**
- Remove the garage door opener from torsion bar.
- Drill 3/16 inch pilot holes at the marked locations.
- Slide the garage door opener back onto the torsion bar.
- Tighten the 2 square head set screws on the torsion bar. For a hollow torsion bar, tighten screws 3/4 - 1 full turn after making contact with the bar. For a solid shaft torsion bar, tighten screws 1/4 - no more than 1/2 turn after making contact with the shaft. If installing on a keyed torsion bar, DO NOT tighten the screws into the keyway.
- Secure the mounting bracket to the wall and to the garage door opener.

WARNING

To prevent possible SERIOUS INJURY or DEATH:

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

YOU WILL NEED



STEP 1: INSTALLATION

IMPORTANT INSTALLATION INSTRUCTIONS

WARNING

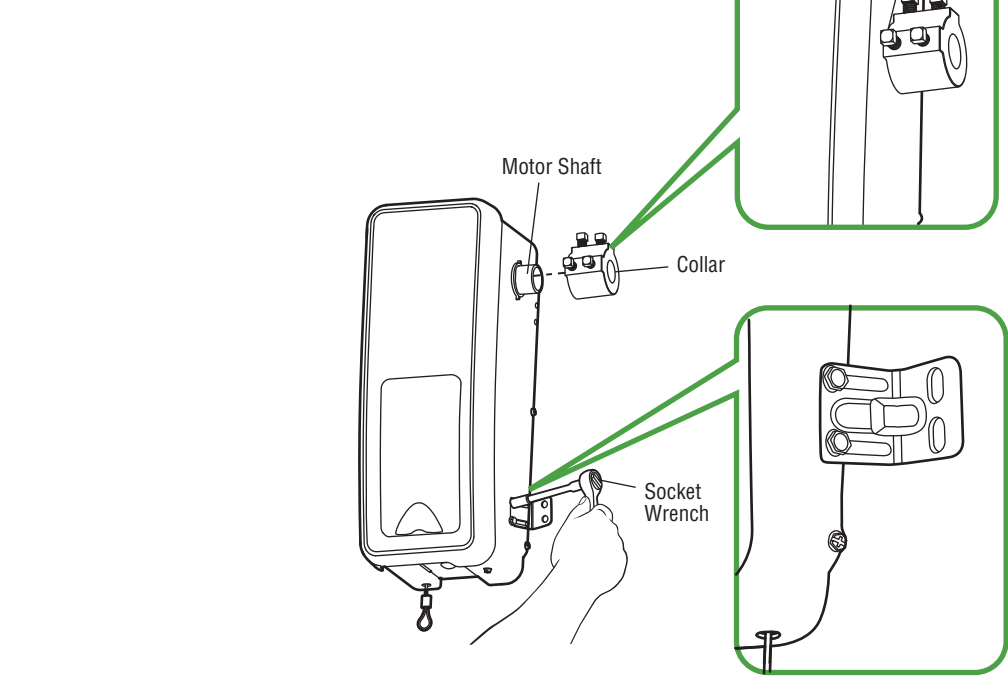
To reduce the risk of SEVERE INJURY or DEATH:

- READ AND FOLLOW ALL INSTALLATION WARNINGS AND INSTRUCTIONS.
- Install garage door opener **ONLY** on properly balanced and lubricated door. An improperly balanced door may NOT reverse when required and could result in SEVERE INJURY or DEATH.
- ALL repairs to cables, spring assemblies and other hardware **MUST** be made by a trained door systems technician **BEFORE** installing garage door opener.
- Disable **ALL** locks and remove **ALL** ropes connected to door **BEFORE** installing garage door opener to avoid entanglement.
- Where possible, install the door operator 7 feet or more above the floor.
- 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.
- NEVER** connect garage door opener to power source until instructed to do so.
- NEVER** wear watches, rings or loose clothing while installing or servicing the garage door opener. They could be caught in door or operator mechanisms.
- Install wall-mounted door control:
 - within sight of the 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.
- 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.
- Place emergency release/safety reverse test label in plain view on inside of door.
- 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.

1 Attach the Collar to the Garage Door Opener

The garage door opener can be installed on either side of the door. The illustrations shown are for installation on the left side.

- Loosen the preset collar screws with the 3/8" open end wrench.
- Slide the collar onto the garage door opener motor shaft until it stops.
- Securely tighten the 2 square head set screws closest to the motor shaft by hand, then turning the screws 1/4 - 1/2 turn.
- Loosely attach slotted side of mounting bracket to the same side of the garage door opener as the collar, using screws provided. **NOTE: Do not tighten mounting bracket screws until instructed.**



WARNING

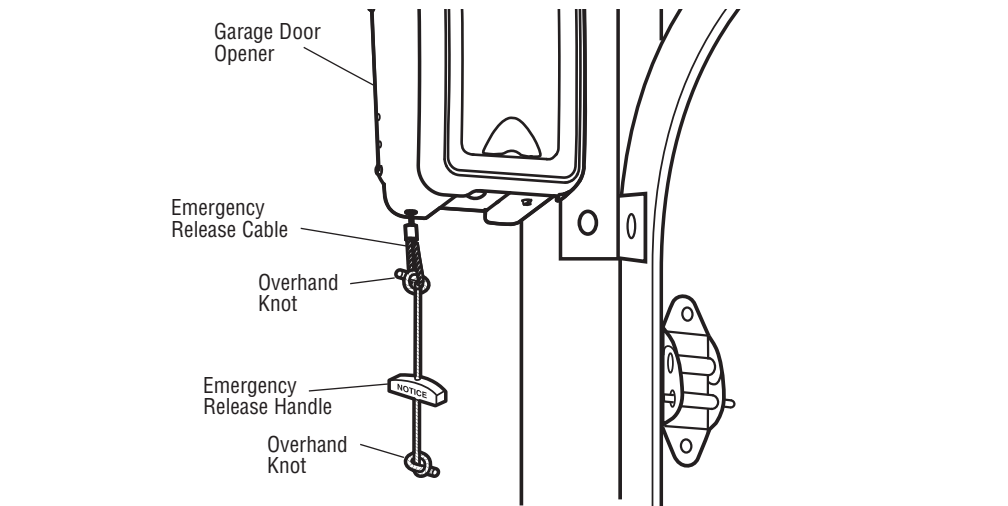
To prevent possible SERIOUS INJURY or DEATH, the collar **MUST** be properly tightened. The door may not reverse correctly or limits may be lost due to collar slip.

YOU WILL NEED



3 Attach the Emergency Release Rope and Handle

- Thread one end of the rope through the hole in the top of the red handle so "NOTICE" reads right side up. Secure with an overhand knot at least 1 inch (2.5 cm) from the end of the rope to prevent slipping.
- Thread the other end of the rope through the loop in the emergency release cable. Adjust rope length so the handle is no higher than 6 feet (1.83 m) above the floor. Secure with an overhand knot and cut off any excess rope.
- Place emergency release/safety reverse test label in plain view on inside of door. **NOTE: If it is necessary to cut the rope, heat seal cut rope end with a match or lighter to prevent unraveling.**

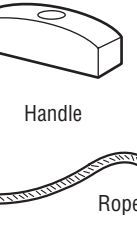


WARNING

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

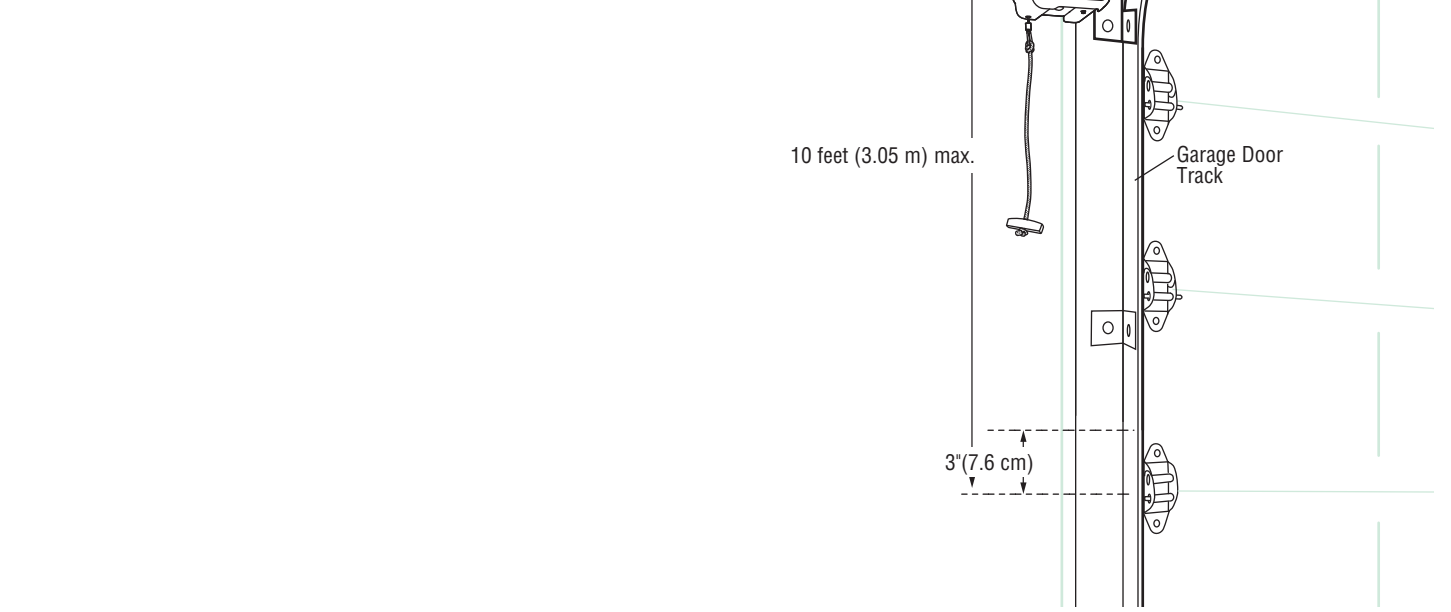
- If possible, use emergency release handle to disengage door **ONLY** when garage door is **CLOSED**. Weak or broken springs or unbalanced door could result in an open door falling rapidly and/or unexpectedly.
- NEVER** use emergency release handle unless garage doorway is clear of persons and obstructions.

YOU WILL NEED



4 Power Door Lock Location

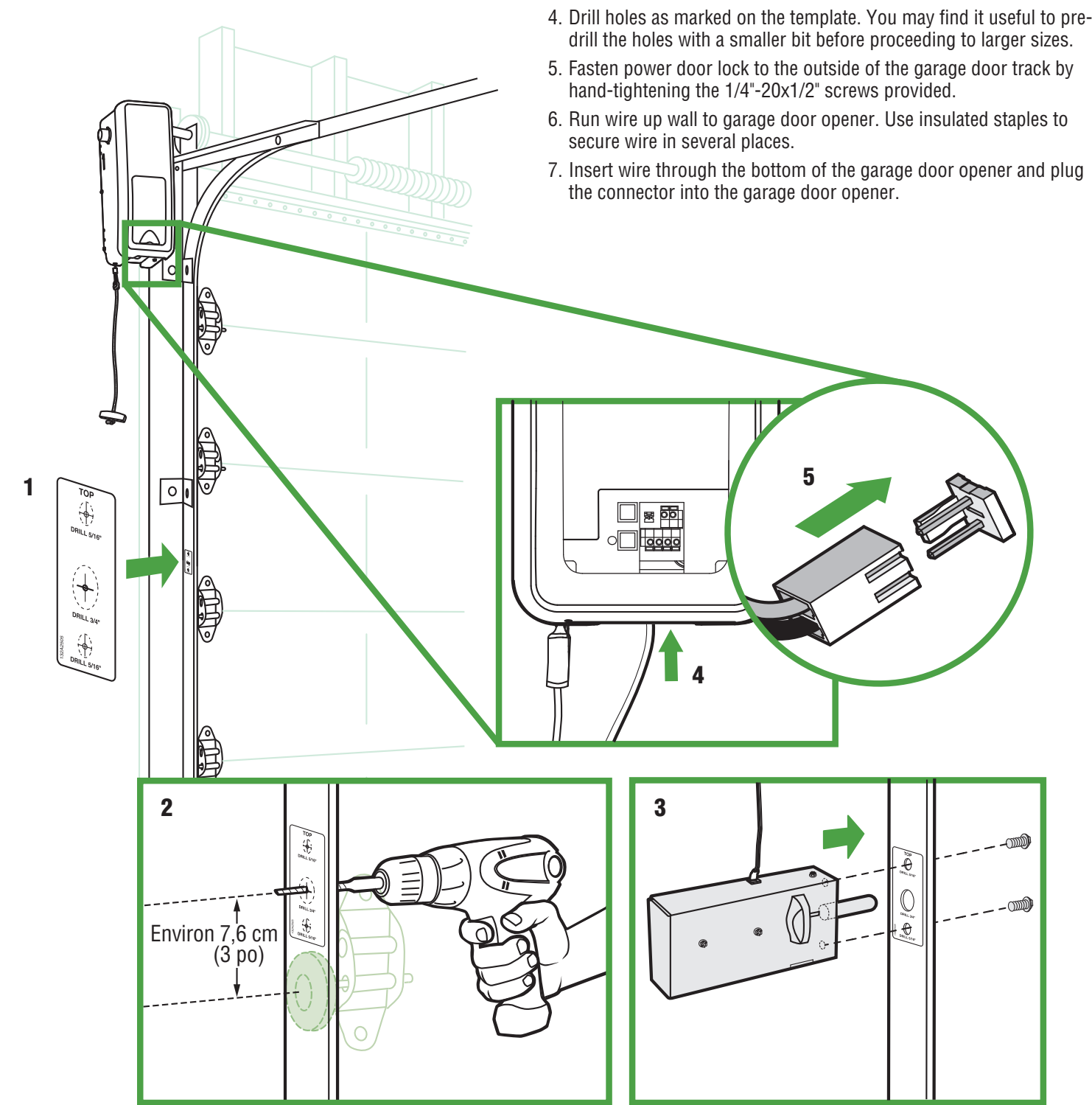
- Determine where to install the power door lock.
 - Mount the door lock on the same side as the opener. The second roller from the bottom is ideal for most installations.
 - The power door lock **MUST** be mounted within 10 feet (3.05 m) of garage door opener with approximately a 3 inch (7.6 cm) distance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



INSTALLATION (CONTINUED)

5 Install Power Door Lock

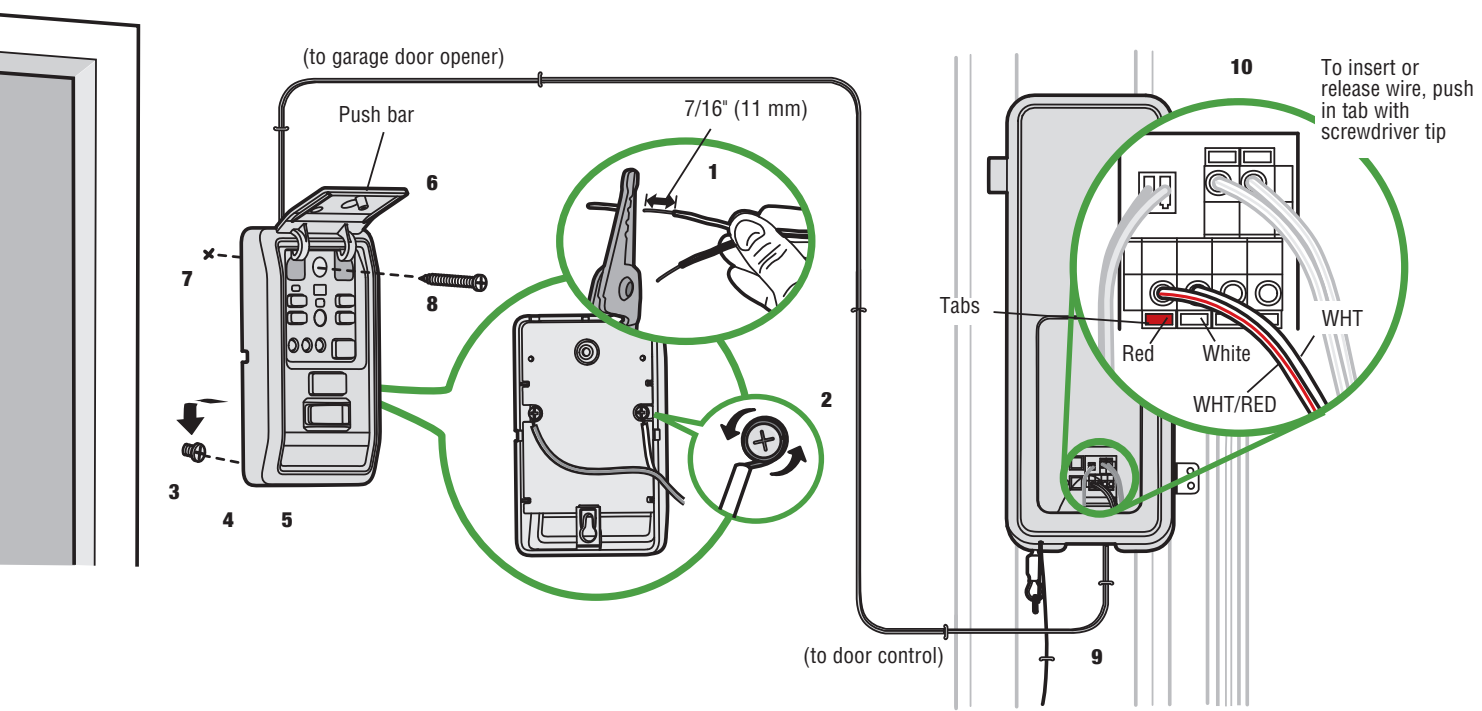
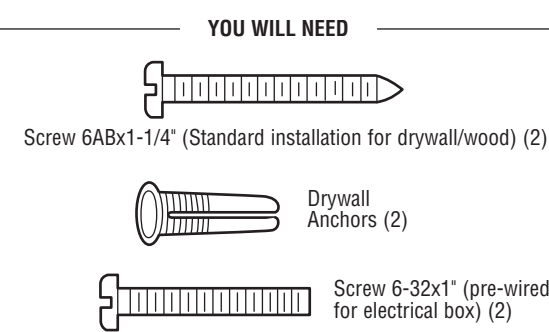
- Determine where to install the power door lock.
 - Mount the door lock on the same side as the opener. The second roller from the floor is ideal for most installations.
 - The power door lock **MUST** be mounted within 10 feet (3.05 m) of garage door opener with approximately a 3 inch (7.6 cm) distance between the center of a door roller and the hole for the power door lock bolt.
- Pull down on the manual release to disengage the door and open the door manually.
- Clean inside track surface, and attach lock template to the track.



INSTALLATION (CONTINUED)

7 INSTALL THE DOOR CONTROL (myQ® 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. Install the entrapment warning placard next to the door control in a prominent location.

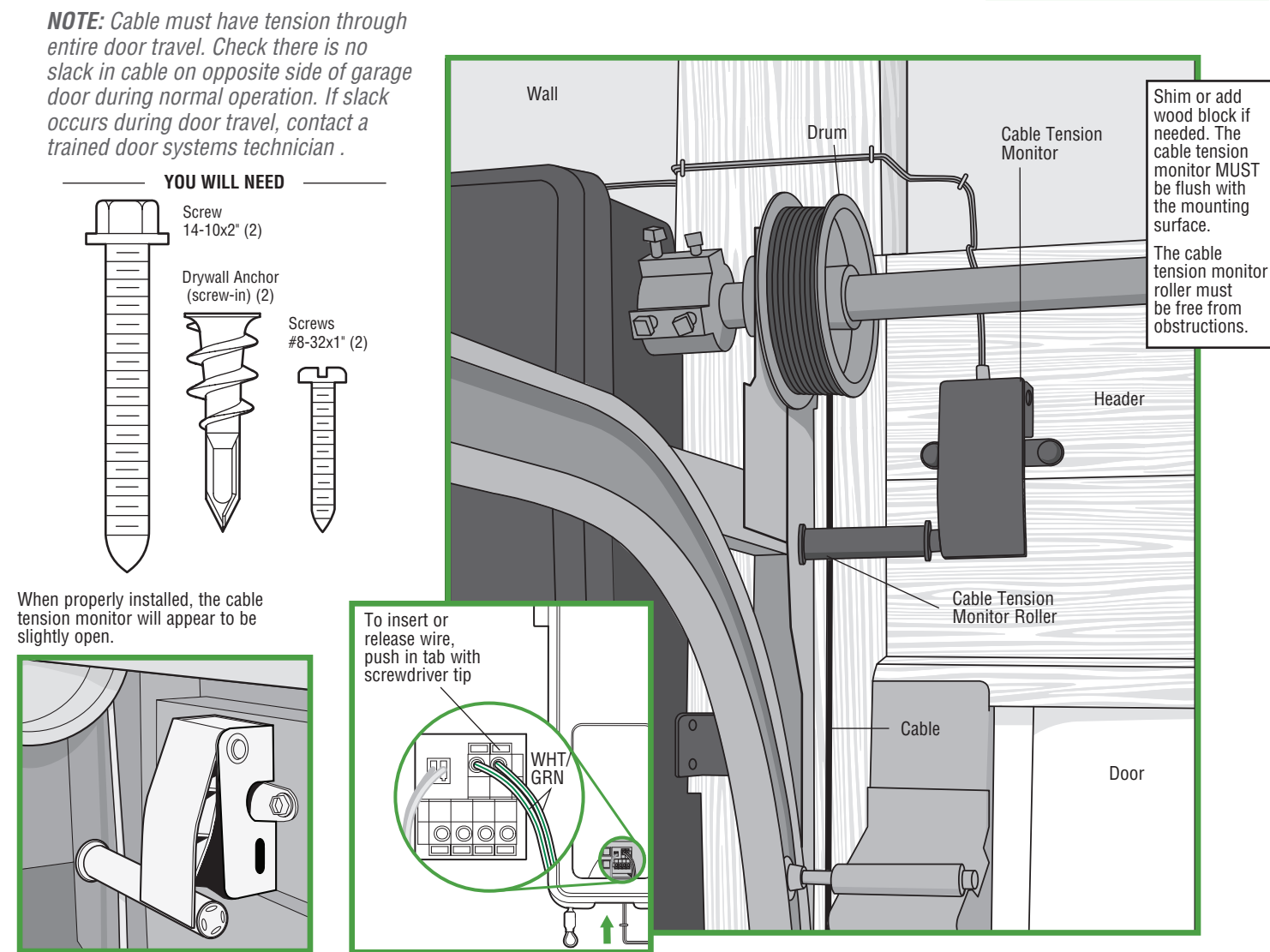


6 ATTACH THE CABLE TENSION MONITOR (REQUIRED)

The cable tension monitor detects any slack in the garage door cables. The cable tension monitor should be installed on the same side as the garage door opener. Factory default is configured for left-side installation.

To watch a video, go to <https://tinyurl.com/yadaxgzk>

- Determine if the cable tension monitor will be installed of the left or right side of the door.
- NOTE:** Test the location of the cable tension monitor by opening and closing the monitor to see if the action would interfere with the door travel. The cable tension monitor will appear slightly open with the correct installation.
- POSITION THE CABLE TENSION MONITOR**
- Make sure the door cable is approximately 3/4" (19 mm) from the mounting surface.
 - Position the cable tension monitor as close to the drum as possible (2" to 6" (5-15 cm) from the from the bottom of the drum).
 - Shim or add wood block if needed.
 - The bracket **MUST** be flush with the mounting surface.
- If the cable tension monitor cannot be mounted into wood, it can be mounted into 1/2 inch (1 cm) or greater drywall using the drywall anchors (2) and the #8 screws (2) provided in the hardware bag. Ensure the roller is free from any obstructions.
- NOTE:** See manual for installing on wood.
- Attach the cable tension monitor to the wall using the hardware provided. Check that the roller is on top of the cable.
 - Run wire to garage door opener and secure.



INSTALLATION (CONTINUED)

IMPORTANT LIGHT 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.

- NEVER use with an extension cord unless plug can be fully inserted.
- DO NOT alter the plug.
- Light is intended for ceiling mount and indoor applications ONLY.

8 INSTALL REMOTE LIGHT

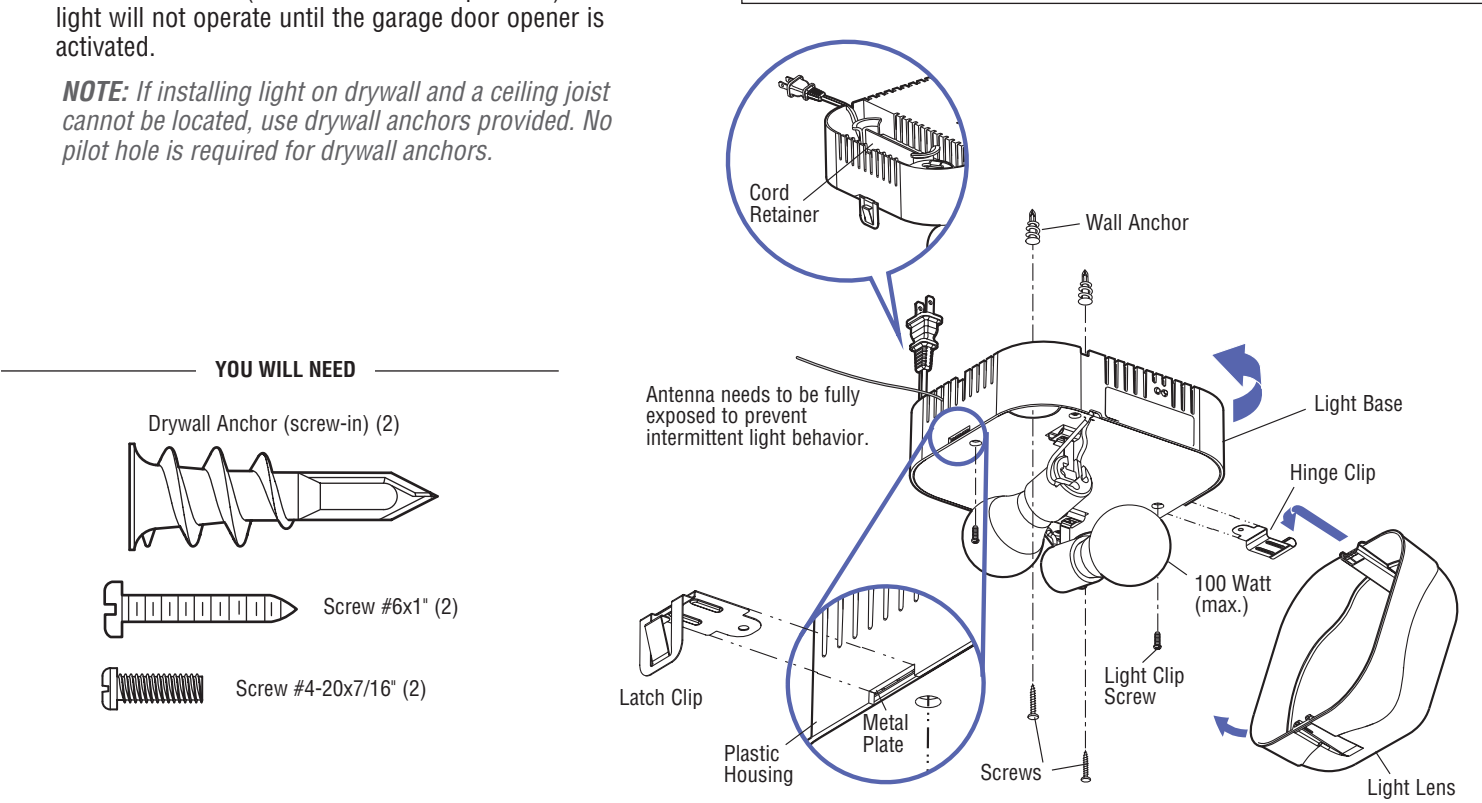
The remote light (garage door opener light) is designed to plug into a standard outlet.

Before drilling, place the light against the ceiling. Use a pencil to mark the locations of the screws.

Install the light within 6 ft. (1.83 m) of the outlet and keep the cord and light away from moving parts.

Install two Type A19 incandescent or compact fluorescent bulbs (100 watt maximum per bulb). The light will not operate until the garage door opener is activated.

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.



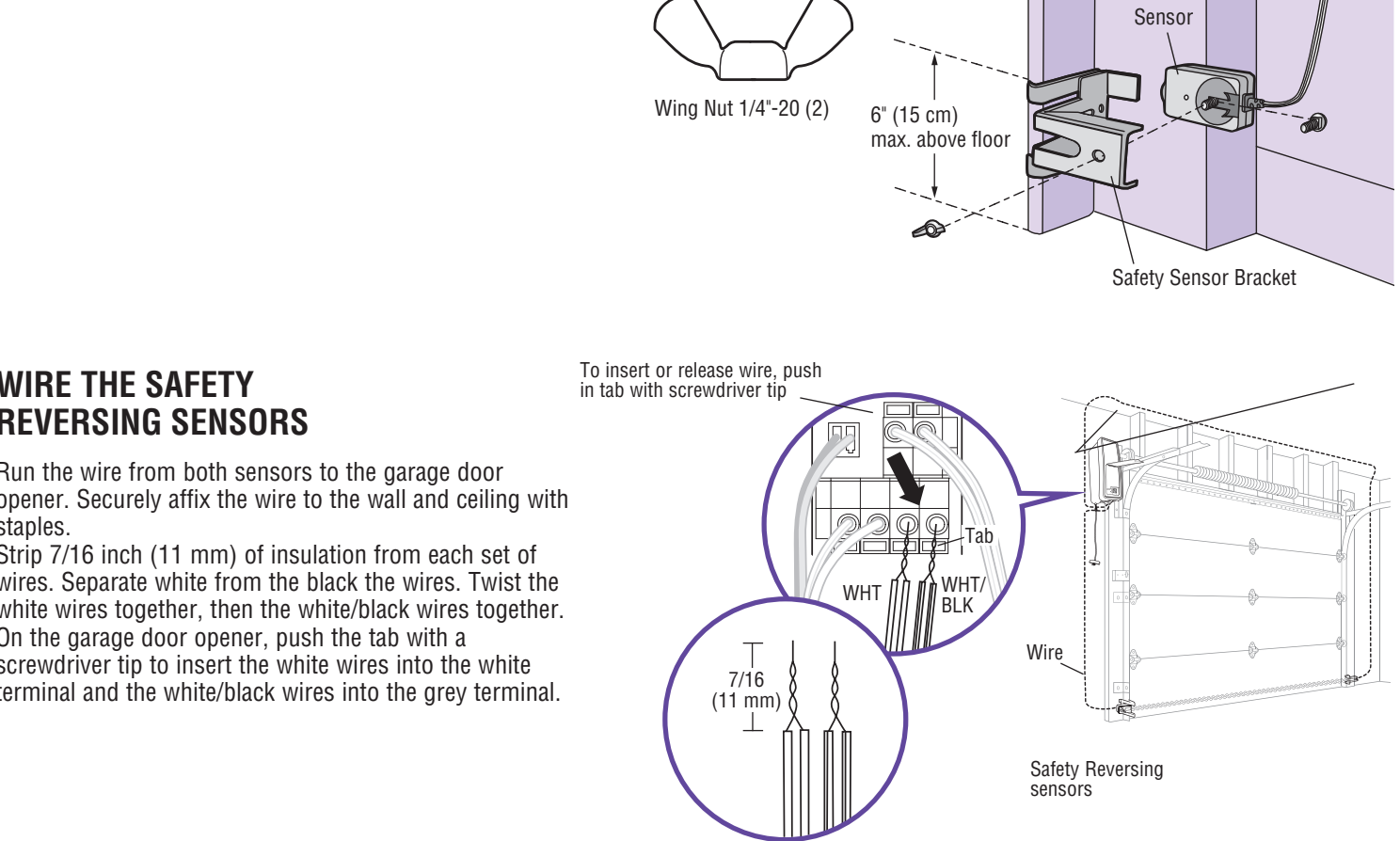
INSTALLATION (CONTINUED)

9 INSTALL THE PROTECTOR SYSTEM®

The safety reversing sensors 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.

- Install and align the brackets 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.
- Wire to the garage door opener, see CONNECT POWER.
- Strip 7/16" (11 mm) of insulation from each set of wires. Separate the wires. Twist the white wires together, then the white/black wires together.

NOTE: See Owners Manual for Floor Installation of the Protector System



Run the wire from both sensors to the garage door opener. Securely affix the wire to the wall and ceiling with staples.

Strip 7/16 inch (11 mm) of insulation from each set of wires. Separate white from the black the wires. Twist the white wires together, then the white/black wires together. 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.

STEP 2: FINISHING STEPS

IMPORTANT SAFETY INSTRUCTIONS

⚠️ WARNING

To reduce the risk of SEVERE INJURY or DEATH:

- READ AND FOLLOW ALL WARNINGS AND INSTRUCTIONS.
- ALWAYS keep remote controls out of reach of children. NEVER permit children to operate or play with door control push buttons or remote controls.
- ONLY activate door when it can be seen clearly, it is properly adjusted and there are no obstructions to door travel.
- 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.
- NO ONE SHOULD GO UNDER A STOPPED, PARTIALLY OPENED DOOR.
- If possible, use emergency release handle to disengage door ONLY when 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.
- NEVER use emergency release handle unless doorway is clear of persons and obstructions.
- After ANY adjustments are made, the safety reversal system MUST be tested. Failure to adjust the garage door opener properly may cause SEVERE INJURY or DEATH.

GETTING CONNECTED

INTERNET GATEWAY

The Internet Gateway gives you control of your garage door from your, letting you use the myQ® app to open and close your door, get alerts, and set schedules from anywhere. In addition, connected smart garage door openers also receive software updates to ensure the opener has the latest operational features. You must have your Internet Gateway set up in the myQ® app to use it with the control panel.

Before you begin, you will need:

- Wi-Fi enabled smartphone or tablet
- Broadband internet connection and router
- 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

Connect the Internet Gateway to your router and power. When the green LED on the gateway has stopped blinking and glows steadily, it is connected to the internet.

Setup and Connect Your Gateway and Opener in the myQ® App

- Download the myQ® App and set up your account.
- Follow the instructions given in the app to find and connect your Internet Gateway.
- Next, select the device you wish to add (Garage Door Opener).
- Once you select the opener in the app, you have 3 minutes to press the LEARN button two times on the myQ® control panel. The red LEARN LED will turn on. (Figure 2)
- When the red LEARN LED turns off, programming is complete. Once the opener is learned and appears in the app device list, name your device (e.g., Garage Door Opener).

NOTE: If you are unable to add the myQ® Control Panel to your Chamberlain Internet Gateway, erase all codes from the door control and try again. Note that you will need to reprogram any accessories you wish to use.



10 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

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

OPTION B: PERMANENT WIRING

See your Owner's Manual for permanent wiring option.

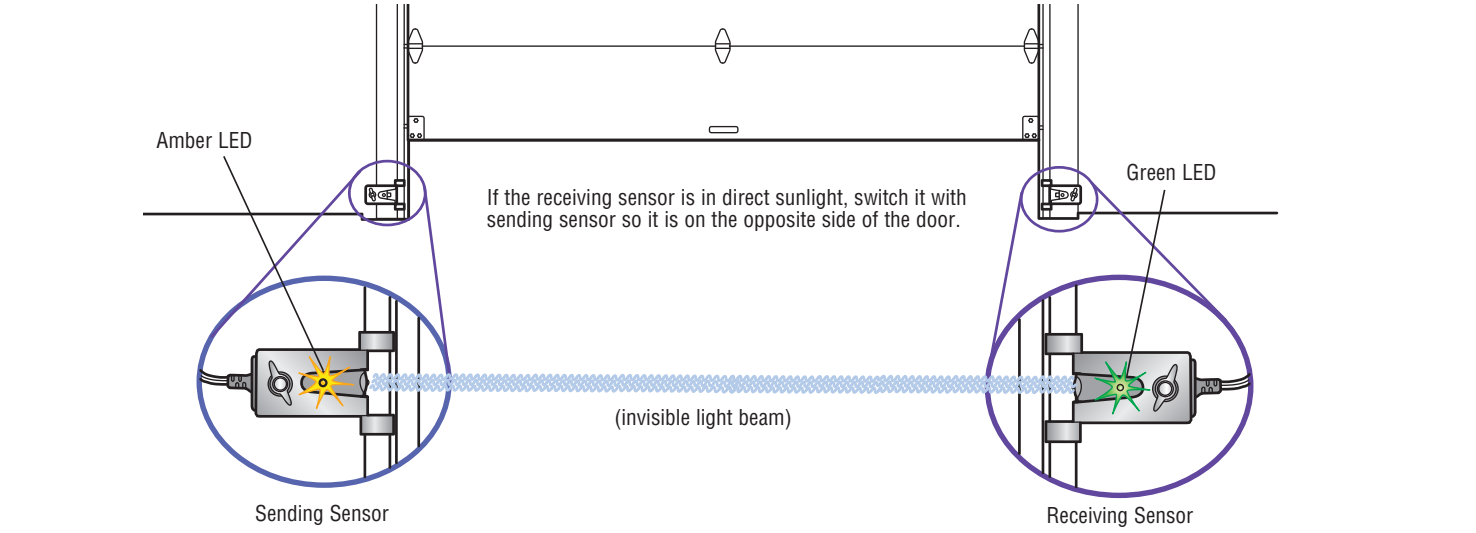
ALIGN THE SAFETY REVERSING SENSORS

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

The LEDs in both sensors must be glowing steady which indicates they are powered and aligned correctly. The sending sensor (with an amber LED) transmits an invisible light beam to the receiving sensor (with a green LED). If an obstruction breaks the light beam while the door is closing, the door will stop and reverse to the full open position, and the remote lights will flash 10 times. If the door is already open, it will not close.

TO ALIGN SENSORS:

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



If the LEDs are not glowing steadily:

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

Amber LED is not lit:

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

Green LED is not lit:

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

ENSURE THE DOOR CONTROL IS WIRED CORRECTLY

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



STEP 2: FINISHING STEPS

IMPORTANT SAFETY INSTRUCTIONS

⚠️ WARNING

To reduce the risk of SEVERE INJURY or DEATH:

- READ AND FOLLOW ALL WARNINGS AND INSTRUCTIONS.
- ALWAYS keep remote controls out of reach of children. NEVER permit children to operate or play with door control push buttons or remote controls.
- ONLY activate door when it can be seen clearly, it is properly adjusted and there are no obstructions to door travel.
- 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.
- NO ONE SHOULD GO UNDER A STOPPED, PARTIALLY OPENED DOOR.
- If possible, use emergency release handle to disengage door ONLY when 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.
- NEVER use emergency release handle unless doorway is clear of persons and obstructions.
- After ANY adjustments are made, the safety reversal system MUST be tested. Failure to adjust the garage door opener properly may cause SEVERE INJURY or DEATH.

GETTING CONNECTED

Your hardware is installed, but Installation is not complete. Please see the table below for important steps required to ensure Safe Operation.		
IMPORTANT		
REFER TO YOUR OWNER'S MANUAL TO COMPLETE YOUR INSTALLATION		
1. Program the Travel Limits		Page 22
2. Set the Force		Page 23
3. Test the Safety Reversal System		Page 24
4. Test the Protector System		Page 24
5. Test the Power Door Lock		Page 25
6. Test the Cable Tension Monitor		Page 25
7. Test the Emergency Release		Page 25
8. Programming Additional Accessories		Page 29
9. Get Connected - Using Your Chamberlain Internet Gateway		Page 31