Owner's Manual

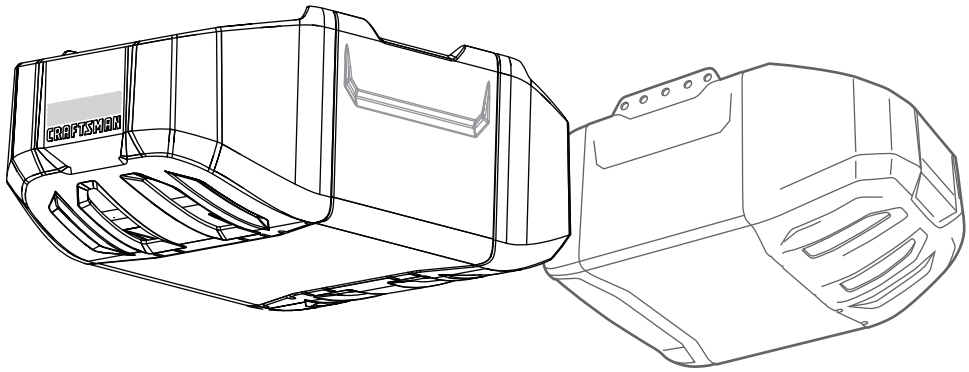
CRAFTSMAN®

SMART GARAGE DOOR OPENER

For Residential Use Only

MODELS CMXEOCG322, CMXEOCG572, CMXEOCG772, and CMXEOCG982

Wi Fi® CERTIFIED



READ AND FOLLOW ALL SAFETY RULES AND OPERATING INSTRUCTIONS BEFORE FIRST USE OF THIS PRODUCT.

FASTEN THE MANUAL NEAR THE GARAGE DOOR AFTER INSTALLATION.

PERIODIC CHECKS OF THE OPENER ARE REQUIRED TO ENSURE SAFE OPERATION.

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. SEE PAGE 3.

WRITE DOWN THE CRAFTSMAN® SERIAL NUMBER LOCATED ON THE GARAGE DOOR OPENER:

c UL us

WWW.CRAFTSMAN.COM

TABLE OF CONTENTS

INTRODUCTION

SAFETY SYMBOL REVIEW AND SIGNAL WORD REVIEW

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

⚠ WARNING

Mechanical

⚠ 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.

⚠ **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 and myQ® 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 and any myQ® devices are to be used ONLY with sectional doors.

PREPARING YOUR GARAGE 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 installation and operating garage door opener to avoid entanglement.
- 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.

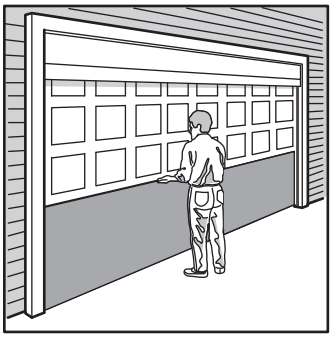
⚠ CAUTION

To prevent damage to garage door and opener:

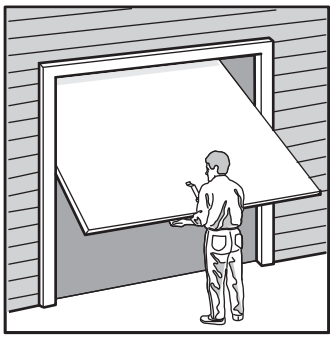
- ALWAYS disable locks BEFORE installing and operating the opener.
- ONLY operate garage door opener at 120V, 60 Hz to avoid malfunction and damage.

Before you begin:

1. Disable locks and remove any ropes connected to the garage door.
2. Lift the door halfway up. Release the door. If balanced, it should stay in place, supported entirely by its springs.
3. Raise and lower the door to check for binding or sticking. If your door binds, sticks, or is out of balance, call a trained door systems technician.
4. Check the seal on the bottom of the door. Any gap between the floor and the bottom of the door must not exceed 1/4" (6 mm). Otherwise, the safety reversal system may not work properly.
5. The opener should be installed above the center of the door. If there is a torsion spring or center bearing plate in the way of the header bracket, it may be installed within 4 feet (1.2 m) to the left or right of the door center. See page 13.



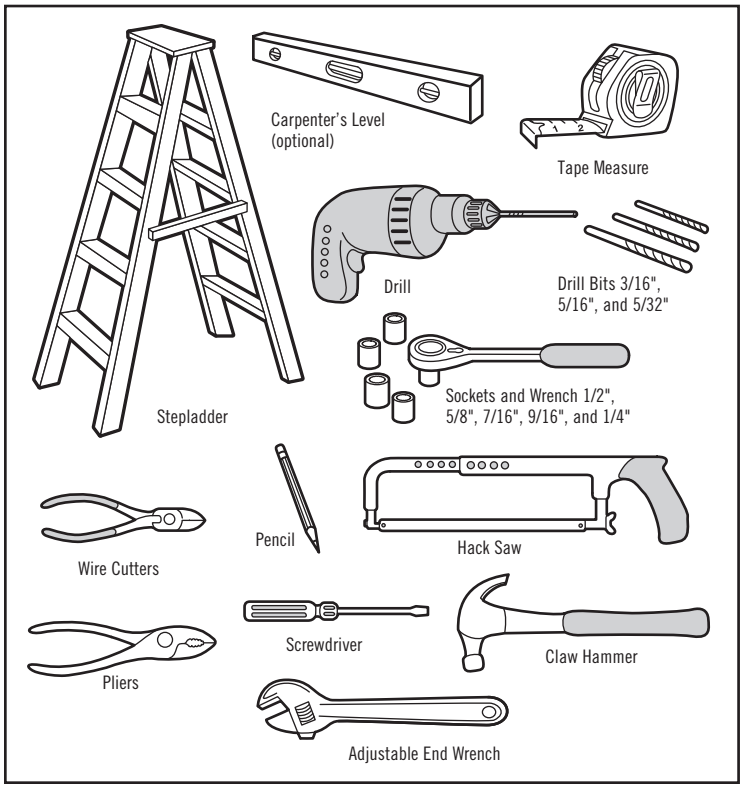
Sectional Door



One-Piece Door

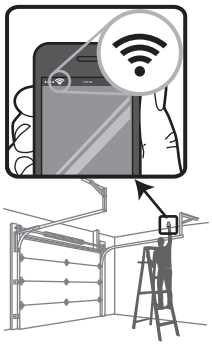
TOOLS NEEDED

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



TEST THE WI-FI® SIGNAL STRENGTH IN YOUR GARAGE

Monitor and control your garage door from anywhere using the myQ® App. You will need a router with Wi-Fi and a smartphone or other mobile device. 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.
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

Visit support.chamberlaingroup.com for more details

See myQ® App Control page 32 to connect your garage door opener to your Wi-Fi network. Do NOT connect prior to installation.

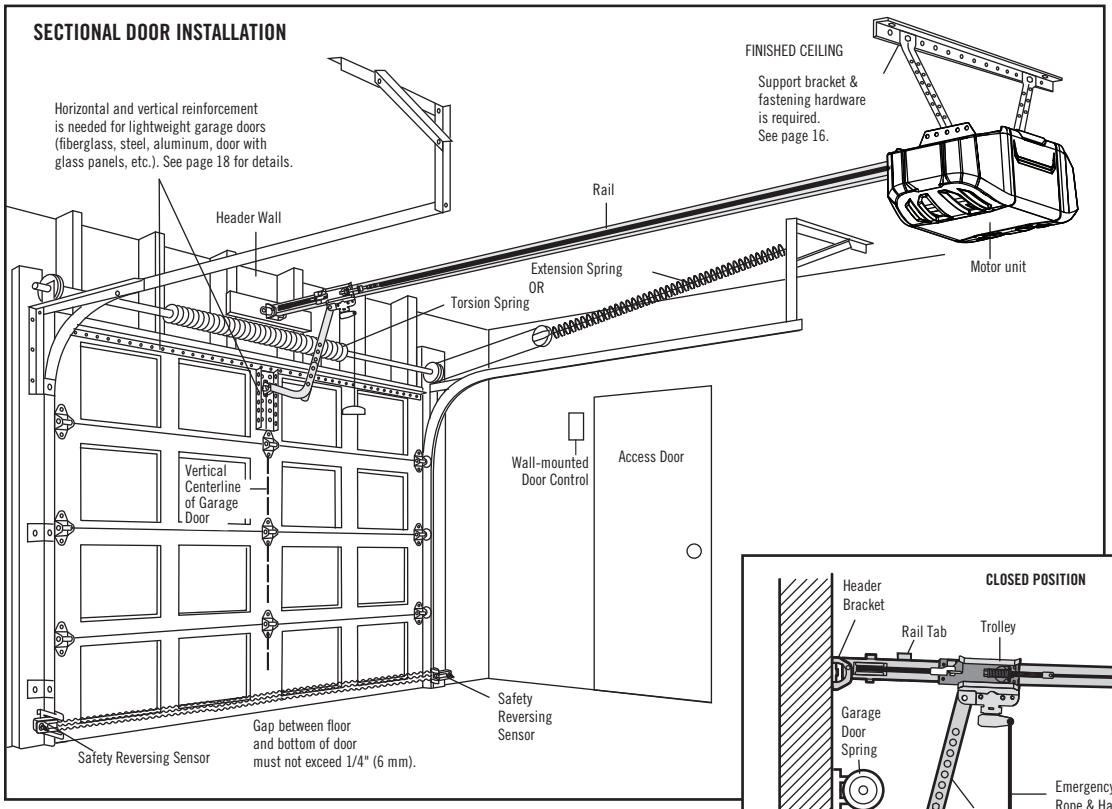
PLANNING

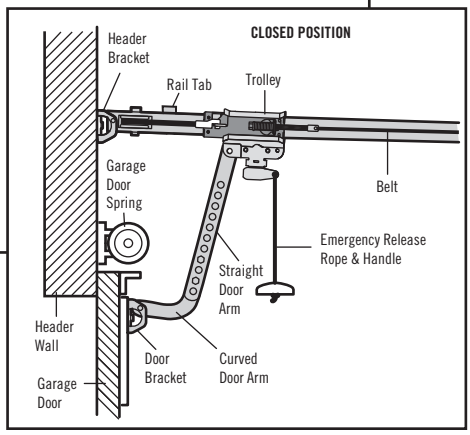
Identify the type and height of your garage door. Survey your garage area to see if any of the conditions below apply to your installation. Additional materials may be required. You may find it helpful to refer back to this page and the accompanying illustrations as you proceed with the installation of your opener. Depending on your requirements, there are several installation steps which may call for materials or hardware not included in the carton.

- Installation Step 1 – Look at the wall or ceiling above the garage door. The header bracket must be securely fastened to structural supports.
- Installation Step 5 – Do you have a finished ceiling in your garage? If so, a support bracket and additional fastening hardware may be required.
- Installation Step 12 – Depending upon garage construction, extension brackets or wood blocks may be needed to install sensors.
- Installation Step 12 – Alternate floor mounting of the safety reversing sensor will require hardware not provided.
- Do you have an access door in addition to the garage door? If not, an emergency key release is required.
- Look at the garage door where it meets the floor. Any gap between the floor and the bottom of the door must not exceed 1/4" (6 mm). Otherwise, the safety reversal system may not work properly. See Adjustment Step 2. Floor or door should be repaired.

SECTIONAL DOOR INSTALLATION

- Do you have a steel, aluminum, fiberglass or glass panel door? If so, horizontal and vertical reinforcement is required (Installation Step 8).
- The opener should be installed above the center of the door. If there is a torsion spring or center bearing plate in the way of the header bracket, it may be installed within 4 feet (1.22 m) to the left or right of the door center. See Installation Steps 1 and 8.
- If your door is more than 7 feet (2.13 m) high, see rail extension kits listed on Accessories page.





PLANNING (CONTINUED)

ONE-PIECE DOOR INSTALLATIONS

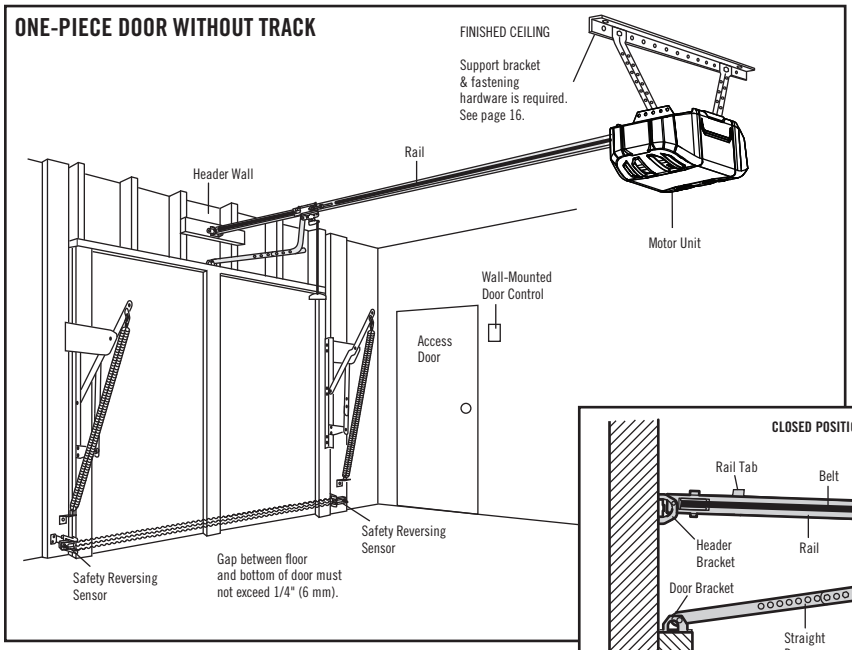
- Generally, a one-piece door does not require reinforcement. If your door is lightweight, refer to the information relating to sectional doors in Installation Step 8.
- Depending on your door's construction, you may need additional mounting hardware for the door bracket (Installation Step 8).

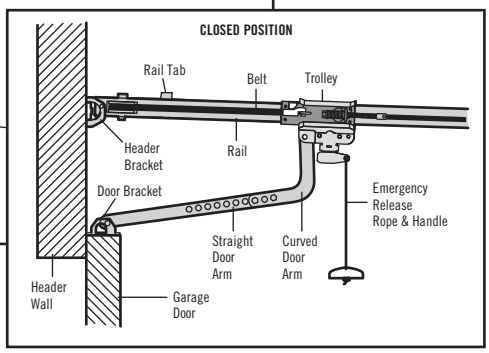
⚠ WARNING

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

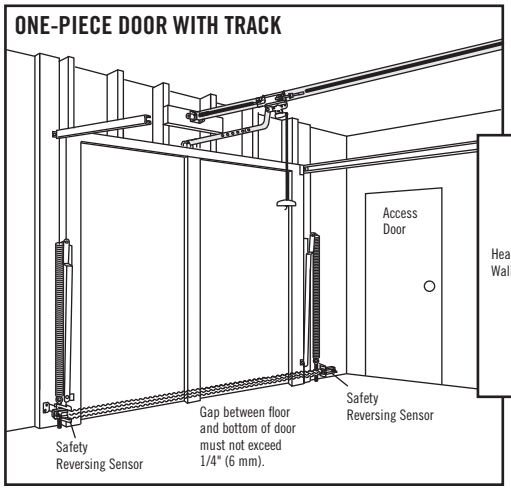
- The gap between the bottom of the garage door and the floor MUST NOT exceed 1/4" (6 mm). Otherwise, the safety reversal system may NOT work properly.
- The floor or the garage door MUST be repaired to eliminate the gap.

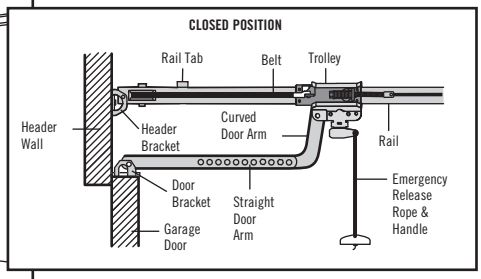
ONE-PIECE DOOR WITHOUT TRACK





ONE-PIECE DOOR WITH TRACK

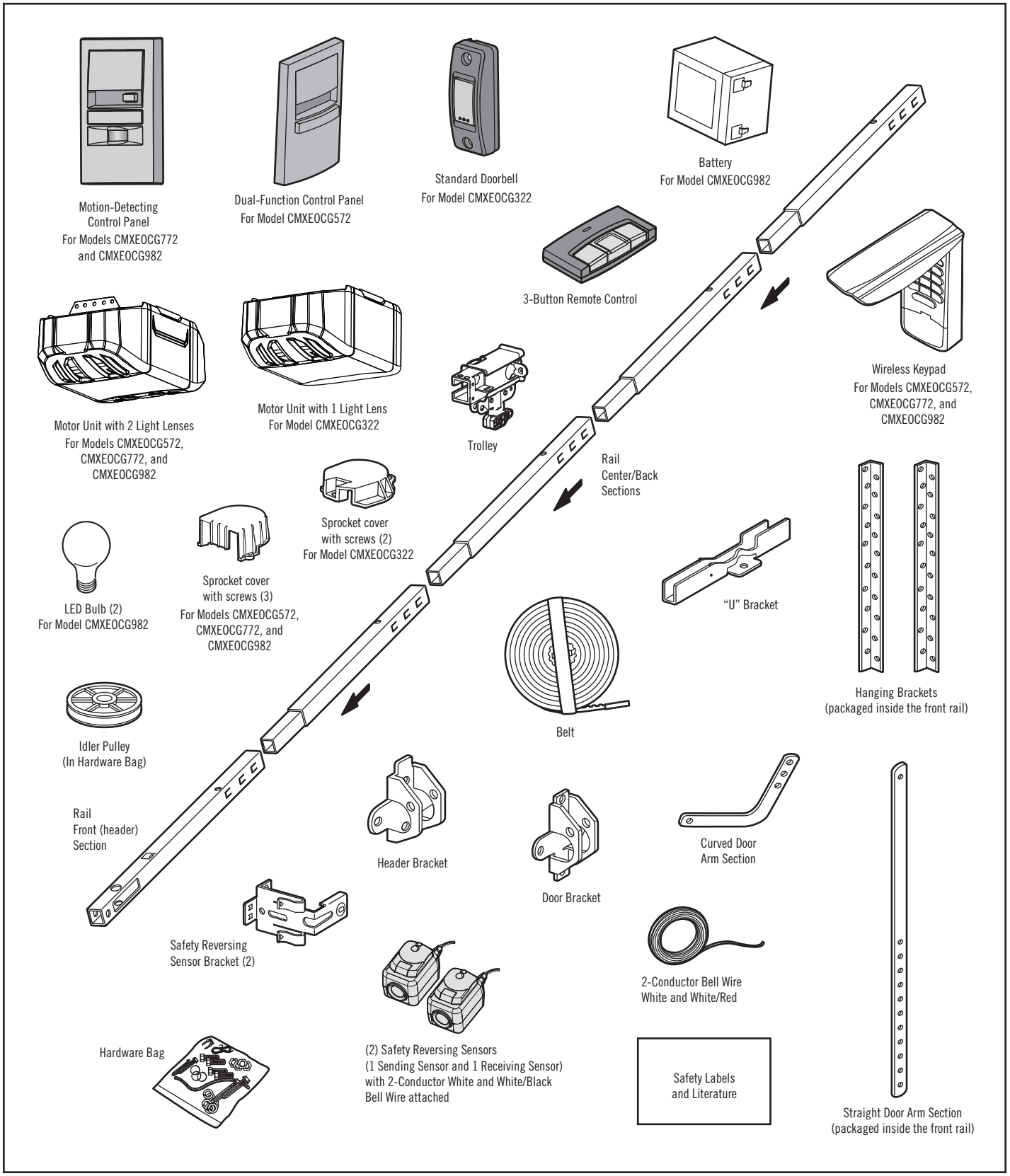




CARTON INVENTORY

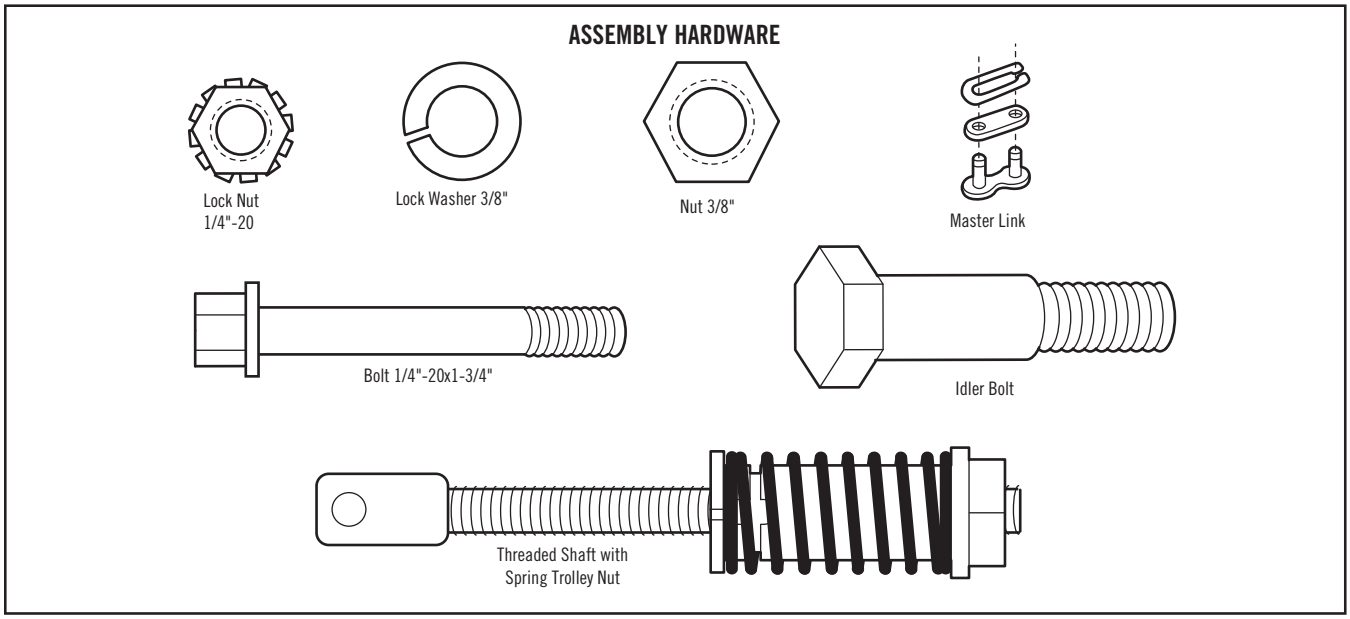
Your garage door opener is packaged in one carton which contains the motor unit and all parts illustrated below. Accessories will depend on the model purchased. If anything is missing, carefully check the packing material.

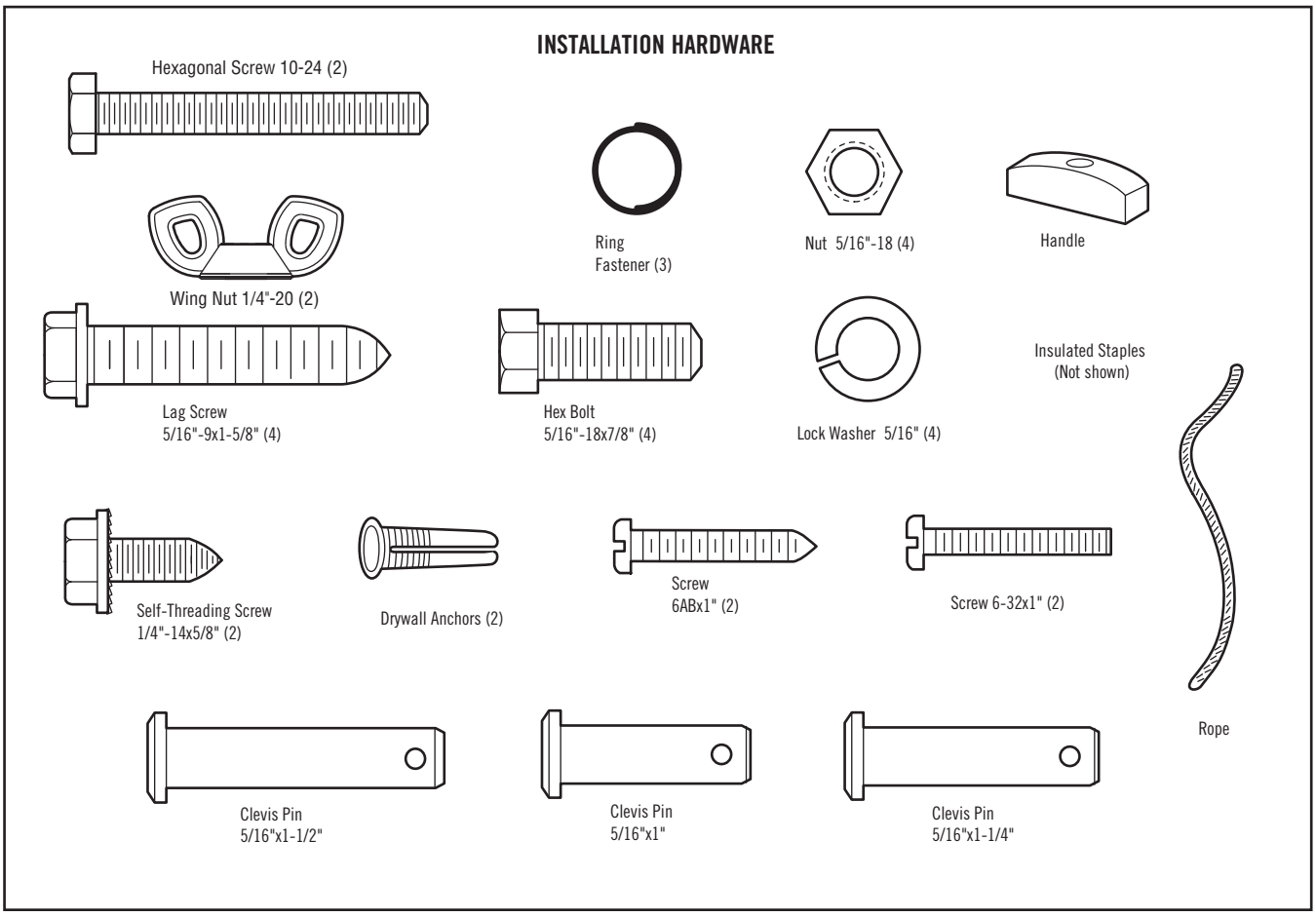
Hardware for assembly and installation is shown on the next page. Save the carton and packing material until installation and adjustment is complete.



HARDWARE INVENTORY

Separate all hardware and group as shown below for the assembly and installation procedures.





ASSEMBLY STEP 1

ASSEMBLE THE RAIL AND INSTALL THE TROLLEY

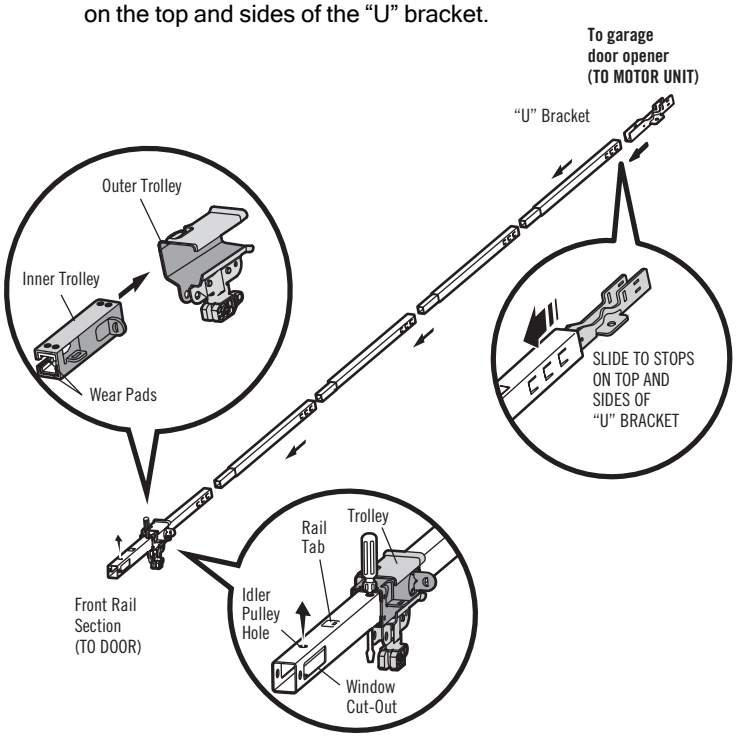
⚠ CAUTION

To prevent INJURY from pinching, keep hands and fingers away from the joints while assembling the rail.

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

The front rail has a cut out "window" at the door end. The front rail has a rail tab. This tab MUST be on the top of the rail when assembled.

1. Remove the straight door arm and hanging bracket packaged inside the front rail and set aside for Installation Step 5 and 9. ***NOTE:*** *To prevent INJURY while unpacking the rail carefully remove the straight door arm stored within the rail section.*
2. Align the rail sections on a flat surface as shown and slide the tapered ends into the larger ones. Tabs along the side will lock into place.
3. Place the motor unit on packing material to protect the cover, and rest the back end of the rail on top. For convenience, put a support under the front end of the rail.
4. As a temporary stop, insert a screwdriver into the hole 10" (25 cm) from the front end of the rail, as shown.
5. Check to be sure there are 4 plastic wear pads inside the inner trolley. If they became loose during shipping, check all packing material. Snap them back into position as shown.
6. Slide the trolley assembly along the rail from the back end to the screwdriver.
7. Slide the rail onto the "U" bracket, until it reaches all the stops on the top and sides of the "U" bracket.



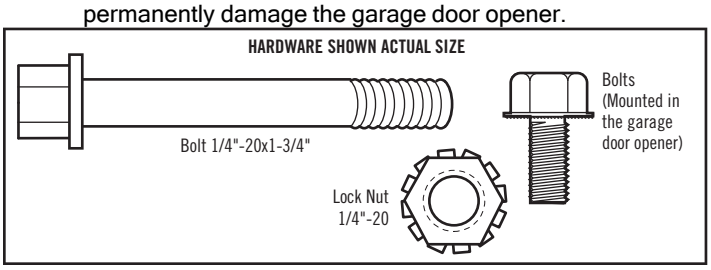
ASSEMBLY STEP 2

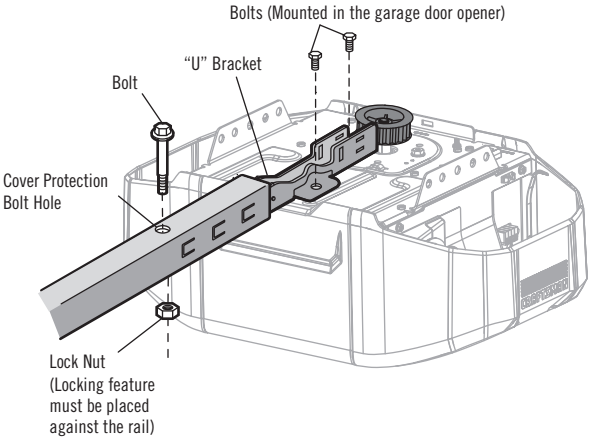
FASTEN THE RAIL TO THE MOTOR UNIT

⚠ CAUTION

To avoid SERIOUS damage to garage door opener, use ONLY those bolts/fasteners mounted in the top of the opener.

1. Insert a 1/4"-20 x 1-3/4" bolt into the cover protection bolt hole on the back end of the rail as shown. Tighten securely with a 1/4"-20 lock nut. DO NOT overtighten.
2. Remove the bolts from the top of the motor unit.
3. Use the carton to support the front end of the rail.
4. Place the "U" bracket, flat side down onto the motor unit and align the bracket holes with the bolt holes.
5. Fasten the "U" bracket with the previously removed bolts; DO NOT use any power tools. The use of power tools may permanently damage the garage door opener.

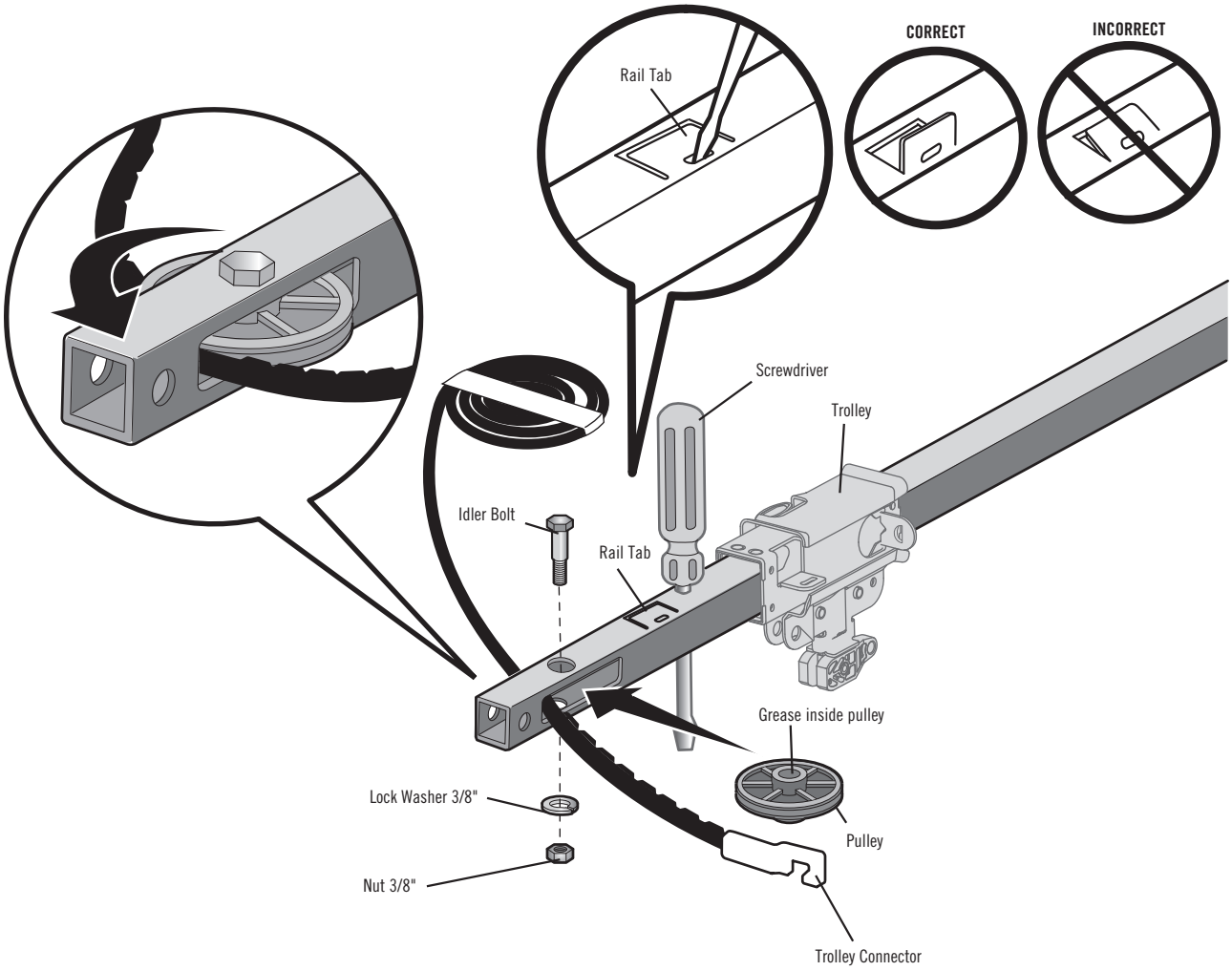


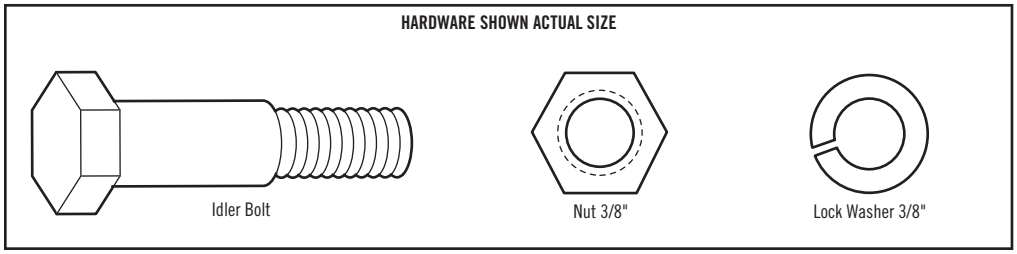


ASSEMBLY STEP 3

INSTALL THE IDLER PULLEY

1. Lay the belt beside the rail, as shown. Grasp the end with the hooked trolley connector and pass approximately 12" (30 cm) of belt through the window. Keep the ribbed side toward the rail, and allow it to hang until Assembly Step 4.
2. Remove the tape from the idler pulley. The inside center should be pre-greased. If dry, regrease to ensure proper operation.
3. Place the idler pulley into the window as shown.
4. Insert the idler bolt from the top through the rail and pulley. Tighten with a 3/8" lock washer and nut underneath the rail until the lock washer is compressed.
5. Rotate the pulley to be sure it spins freely.
6. Locate the rail tab. The rail tab is between the idler bolt and the trolley in the front rail section. Use a flathead screwdriver and lift the rail tab until the tab is vertical (90º).

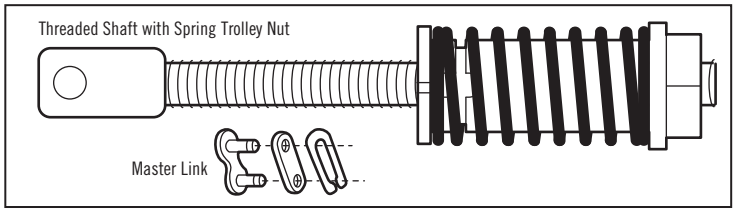


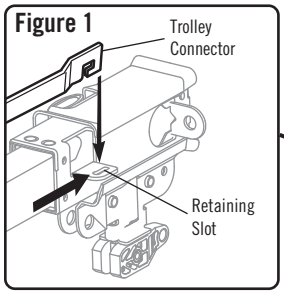


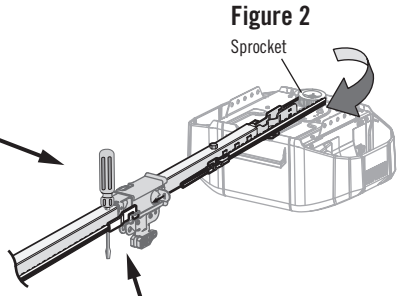
ASSEMBLY STEP 4

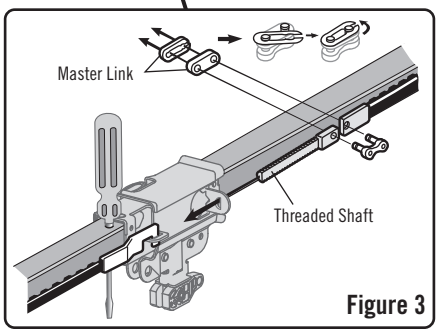
INSTALL THE BELT

1. Pull the belt around the idler pulley and toward the trolley. The ribbed side must contact the pulley.
2. Hook the trolley connector into the retaining slot on the trolley as shown (Figure 1).
3. With the trolley against the screwdriver, dispense the remainder of the belt along the rail length toward the motor unit and around the sprocket (Figure 2). The sprocket teeth must engage the belt.
4. Check to make sure the belt is not twisted. Connect the trolley threaded shaft with the master link (Figure 3).
   - Push pins of master link bar through holes in end of belt and trolley threaded shaft.
   - Push master link cap over pins and past pin notches.
   - Slide clip-on spring over cap and onto pin notches until both pins are securely locked in place.
5. Remove the spring trolley nut from the threaded shaft.
6. Insert the trolley threaded shaft through the hole in the trolley.





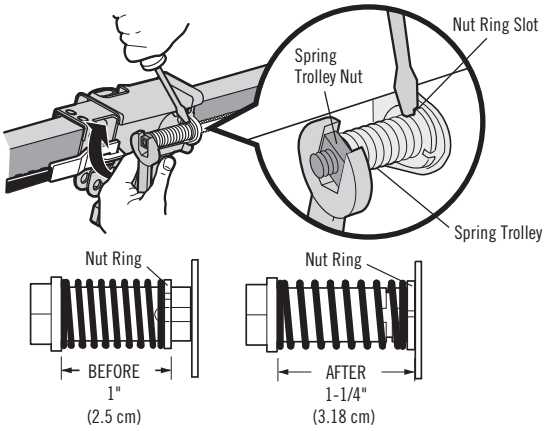




ASSEMBLY STEP 5

TIGHTEN THE BELT

1. By hand, thread the spring trolley nut on the threaded shaft until it is finger tight against the trolley. Do not use any tools. Remove the screwdriver.
2. Insert a flathead screwdriver tip into one of the nut ring slots and brace it firmly against the trolley.
3. Tighten the spring trolley nut with an adjustable wrench or a 7/16" open end wrench about a quarter turn until the spring releases and snaps the nut ring against the trolley. This sets the spring to optimum belt tension.



ASSEMBLY STEP 6

INSTALL THE SPROCKET COVER

⚠ WARNING

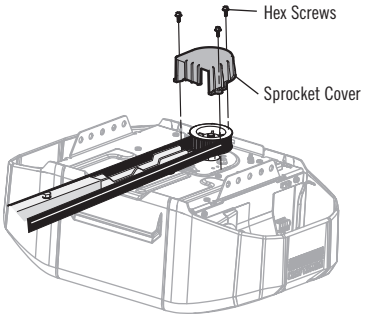
To avoid possible SERIOUS INJURY to finger from moving garage door opener:

- ALWAYS keep hand clear of sprocket while operating opener.
- Securely attach sprocket cover BEFORE operating.

1. Position the sprocket cover over the sprocket as shown and fasten to the mounting plate with #8x3/8" hex screws provided.

HARDWARE SHOWN ACTUAL SIZE

Hex Screw #8x3/8"
(Packed with the
sprocket cover)



You have now finished assembling your garage door opener. Please read the following warnings before proceeding to the installation section.

INSTALLATION

IMPORTANT INSTALLATION 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. 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.

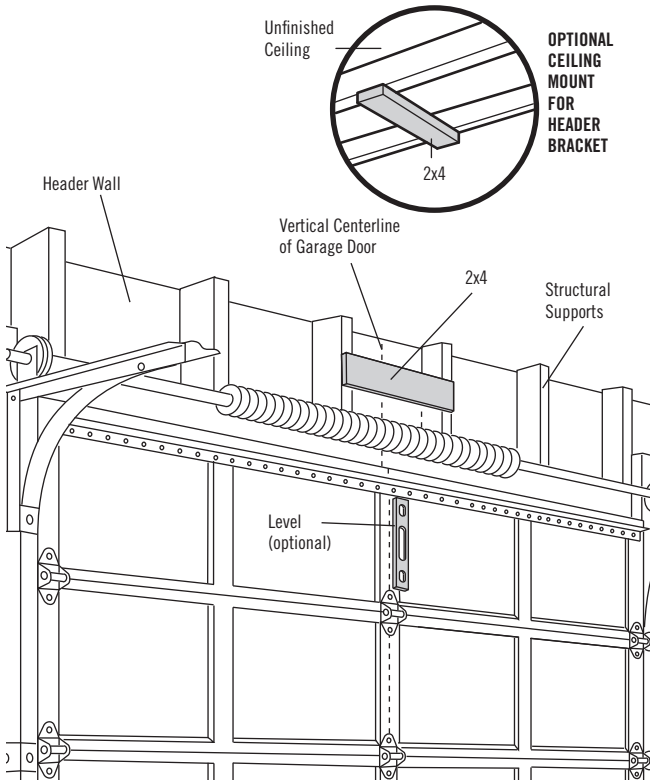
INSTALLATION STEP 1

DETERMINE THE HEADER BRACKET LOCATION

⚠ WARNING

To prevent possible SERIOUS INJURY or DEATH:

- Header bracket MUST be RIGIDLY fastened to structural support on header wall or ceiling, otherwise garage door might NOT reverse when required. DO NOT install header bracket over drywall.
- Concrete anchors MUST be used if mounting header bracket or 2x4 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.



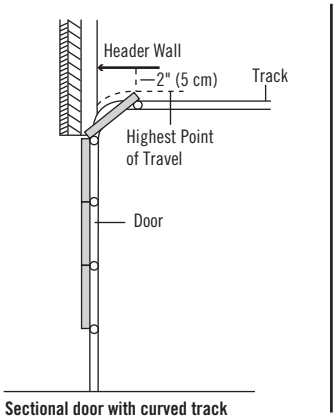
Installation procedures vary according to garage door types. Follow the instructions which apply to your door.

1. Close the door and mark the inside vertical centerline of the garage door.
2. Extend the line onto the header wall above the door. **You can fasten the header bracket within 4 feet (1.22 m) of the left or right of the door center only if a torsion spring or center bearing plate is in the way; or you can attach it to the ceiling (see page 14) when clearance is minimal. (It may be mounted on the wall upside down if necessary, to gain approximately 1/2" (1 cm).** If you need to install the header bracket on a 2x4 (on wall or ceiling), use lag screws (not provided) to securely fasten the 2x4 to structural supports as shown here and on page 14.
3. Open your door to the highest point of travel as shown. Draw an intersecting horizontal line on the header wall above the high point:

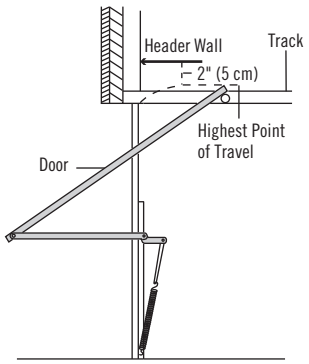
   - 2" (5 cm) above the high point for sectional door and one-piece door with track.
   - 8" (20 cm) above the high point for one-piece door without track.

This height will provide travel clearance for the top edge of the door.

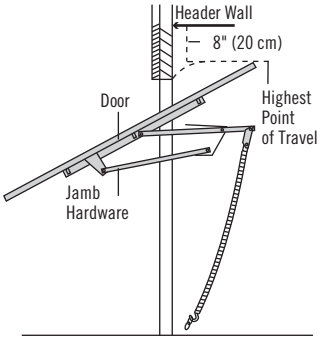
NOTE: *If the total number of inches exceeds the height available in your garage, use the maximum height possible, or refer to page 14 for ceiling installation.*



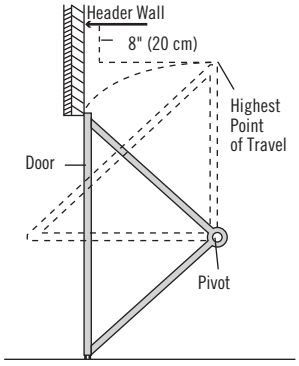
Sectional door with curved track



One-piece door with horizontal track



One-piece door without track: jamb hardware



One-piece door without track: pivot hardware

INSTALLATION STEP 2

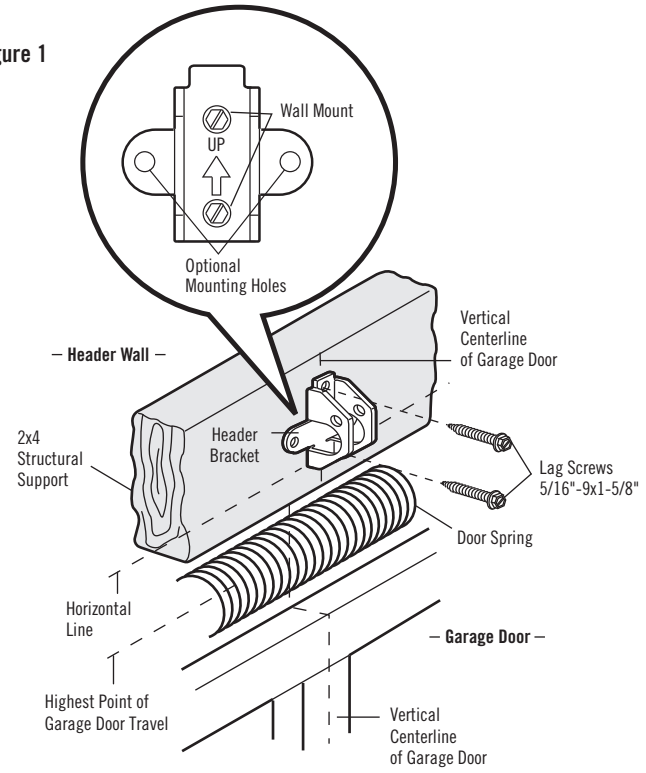
INSTALL THE HEADER BRACKET

You can attach the header bracket either to the wall above the garage door, or to the ceiling. Follow the instructions which will work best for your particular requirements. **Do not install the header bracket over drywall. If installing into masonry, use concrete anchors (not provided).**

WALL HEADER BRACKET INSTALLATION

1. Center the bracket on the vertical centerline with the bottom edge of the bracket on the horizontal line as shown (with the arrow pointing toward the ceiling).
2. Mark the vertical set of bracket holes. Drill 3/16" pilot holes and fasten the bracket securely to a structural support with the hardware provided.

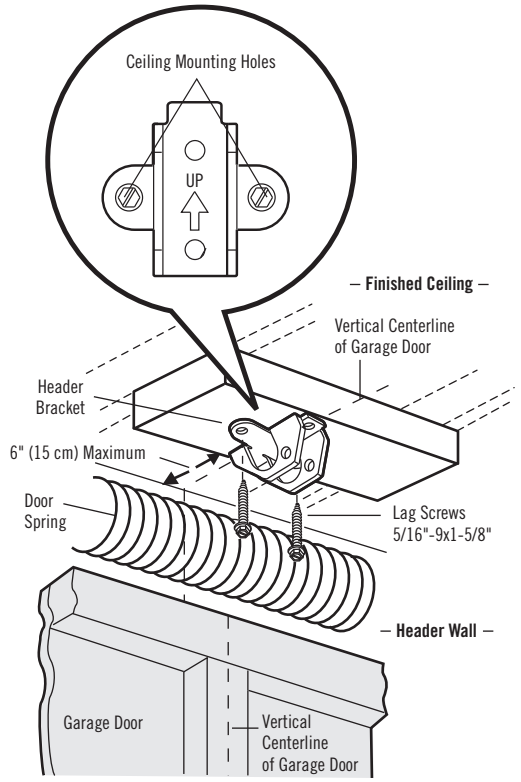
Figure 1

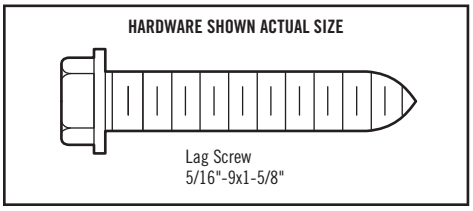


CEILING HEADER BRACKET INSTALLATION

1. Extend the vertical centerline onto the ceiling as shown.
2. Center the bracket on the vertical mark, no more than 6" (15 cm) from the wall. Make sure the arrow is pointing away from the wall. The bracket can be mounted flush against the ceiling when clearance is minimal.
3. Mark the side holes. Drill 3/16" pilot holes and fasten bracket securely to a structural support with the hardware provided.

Figure 2

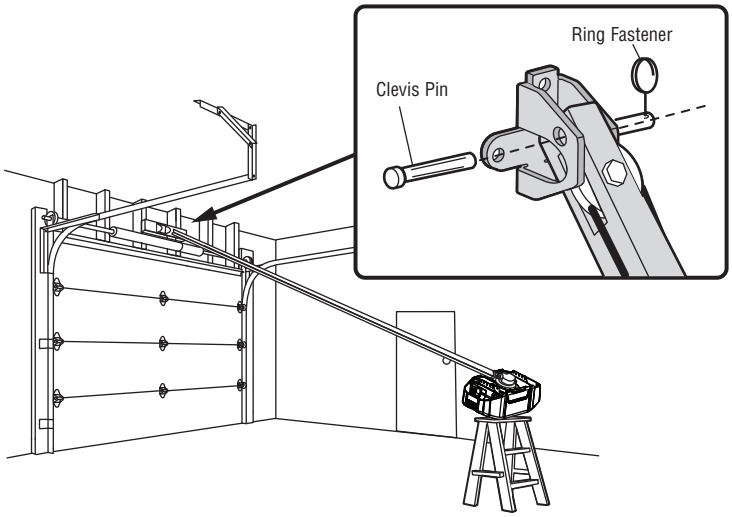


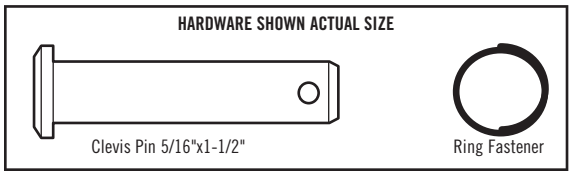


INSTALLATION STEP 3

ATTACH THE RAIL TO THE HEADER BRACKET

1. Position the opener on the garage floor below the header bracket. Use packing material as a protective base.
   NOTE: *If the door spring is in the way, you will need help. Have someone hold the opener securely on a temporary support to allow the rail to clear the spring.*
2. Position the rail bracket against the header bracket.
3. Align the bracket holes and join with a clevis pin as shown.
4. Insert a ring fastener to secure.





INSTALLATION STEP 4

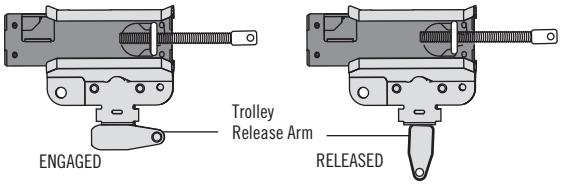
POSITION THE OPENER

Follow instructions which apply to your door type as illustrated.

SECTIONAL DOOR OR ONE-PIECE DOOR WITH TRACK

A 2x4 laid flat is convenient for setting an ideal door-to-rail distance.

1. Raise the opener onto a stepladder. You will need help at this point if the ladder is not tall enough.
2. Open the door all the way and place a 2x4 laid flat on the top section beneath the rail (Figure 1).
3. If the top section or panel hits the trolley when you raise the door, pull down on the trolley release arm to disconnect inner and outer sections. Slide the outer trolley toward the motor unit. The trolley can remain disconnected until Installation Step 12 is completed.



ONE-PIECE DOOR WITHOUT TRACK

A 2x4 on its side is convenient for setting an ideal door-to-rail distance.

1. Raise the opener onto a stepladder. You will need help at this point if the ladder is not tall enough.
2. Open the door all the way and place a 2x4 on its side on the top section of the door beneath the rail (Figure 2).
3. The top of the door should be level with the top of the motor unit. Do not position the opener more than 4" (10 cm) above this point.

⚠ CAUTION

To prevent damage to garage door, rest garage door opener rail on 2x4 placed on top section of door.

Figure 1

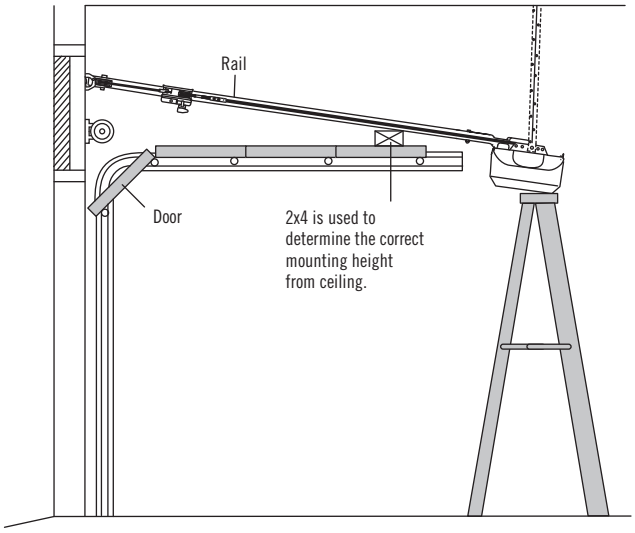
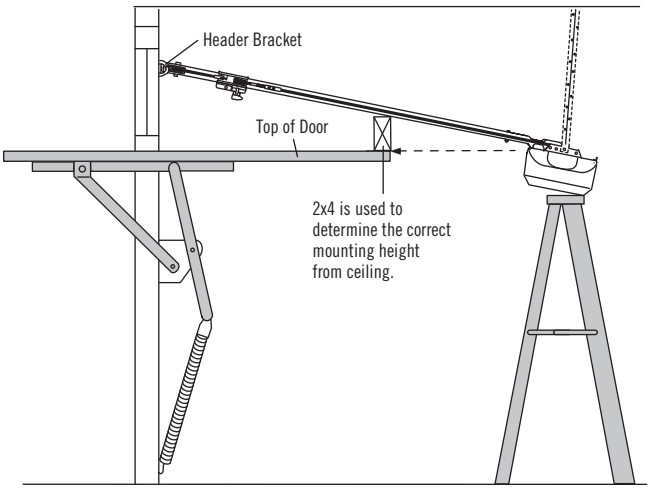


Figure 2



INSTALLATION STEP 5

HANG THE OPENER

⚠ WARNING

To avoid possible SERIOUS INJURY from a falling garage door opener, fasten it SECURELY to structural supports of the garage. Concrete anchors MUST be used if installing ANY brackets into masonry.

Three representative installations are shown. Yours may be different. Hanging brackets should be angled (Figure 1) to provide rigid support. On finished ceilings (Figures 2 and 3), attach a sturdy metal bracket to structural supports before installing the opener. This bracket and fastening hardware are not provided.

1. Measure the distance from each side of the motor unit to the structural support.
2. Cut both pieces of the hanging bracket to required lengths.
3. Drill 3/16" pilot holes in the structural supports.
4. Attach one end of each bracket to a support with 5/16"-9x1-5/8" lag screws.
5. Fasten the opener to the hanging brackets with 5/16"-18x7/8" hex bolts, lock washers and nuts.
6. Check to make sure the rail is centered over the door (or in line with the header bracket if the bracket is not centered above the door).
7. Remove the 2x4. Operate the door manually. If the door hits the rail, raise the header bracket.

NOTE: *DO NOT connect power to opener at this time.*

Figure 1

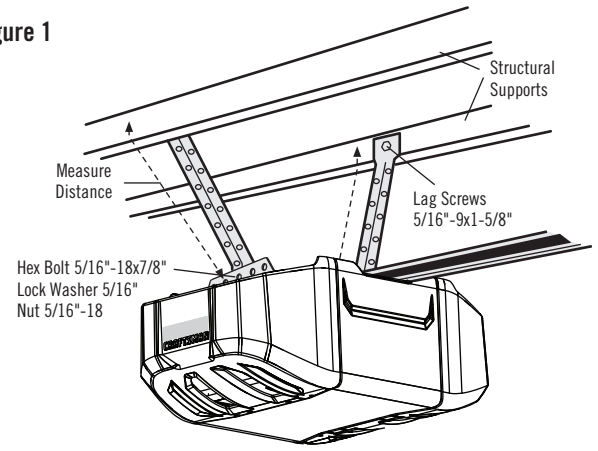


Figure 2

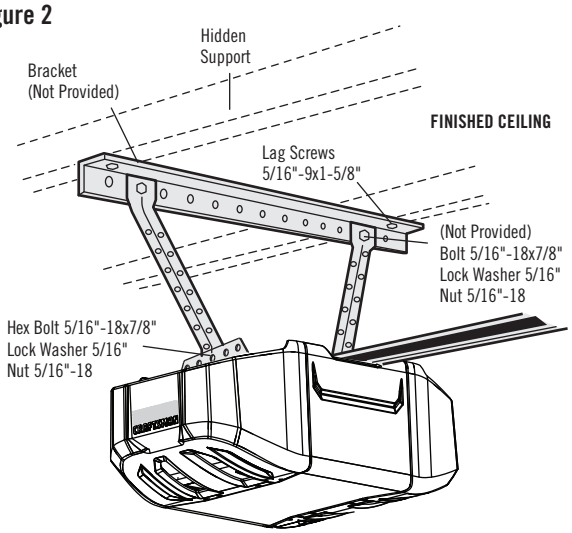
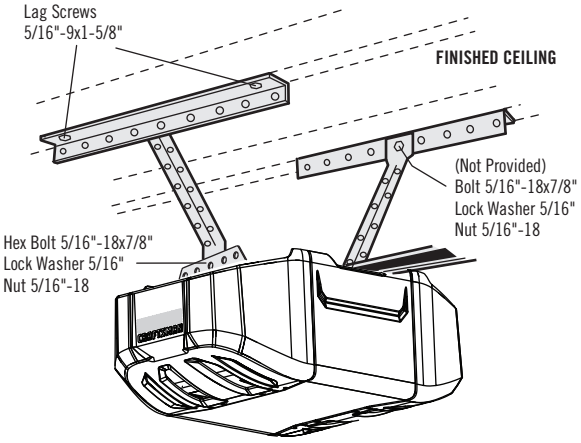
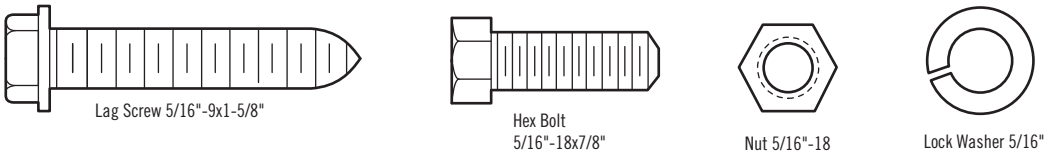


Figure 3



HARDWARE SHOWN ACTUAL SIZE



INSTALLATION STEP 6

INSTALL THE LIGHTS

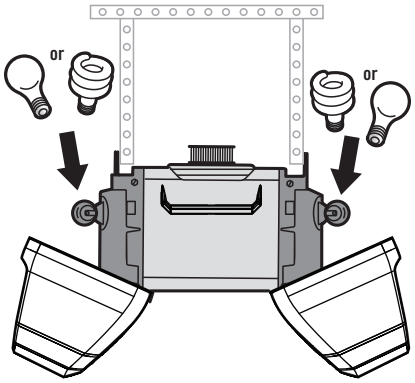
⚠ CAUTION

To prevent possible OVERHEATING of the end panel or light socket:

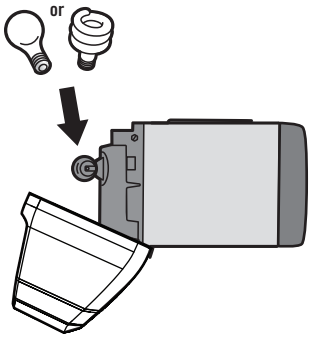
- Use ONLY A19 light bulbs.
- DO NOT use incandescent bulbs larger than 100W.
- DO NOT use compact fluorescent light bulbs larger than 26W (100W equivalent).
- DO NOT use halogen bulbs.
- DO NOT use short neck or specialty light bulbs.

LED bulbs may cause remote control radio interference. Visit craftsman.com for a list of recommended LED bulbs.

1. Pull light lens down.
2. Insert light bulb.
3. Close light lens.



OR



INSTALLATION STEP 7

ATTACH THE EMERGENCY RELEASE ROPE AND HANDLE

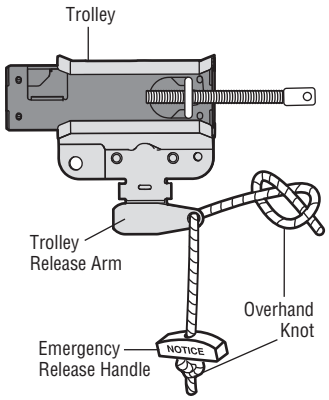
⚠ WARNING

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.

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 emergency release rope, seal the cut end with a match or lighter to prevent unraveling. Ensure the emergency release rope and handle are above the top of all vehicles to avoid entanglement.*



INSTALLATION STEP 8

FASTEN THE DOOR BRACKET

⚠ CAUTION

Fiberglass, aluminum or lightweight steel garage doors **WILL REQUIRE** reinforcement BEFORE installation of door bracket. Contact the garage door manufacturer or installing dealer for opener reinforcement instructions or reinforcement kit.

Follow instructions which apply to your door type as illustrated below or on the following page.

A horizontal reinforcement brace should be long enough to be secured to two or three vertical supports. A vertical reinforcement brace should cover the height of the top panel.

Figure 1 shows one piece of angle iron as the horizontal brace. For the vertical brace, 2 pieces of angle iron are used to create a U-shaped support. The best solution is to check with your garage door manufacturer for an opener installation door reinforcement kit.

NOTE: *Many door reinforcement kits provide for direct attachment of the clevis pin and door arm. In this case you will not need the door bracket; proceed to Step 9.*

SECTIONAL DOORS

1. Center the door bracket on the previously marked vertical centerline used for the header bracket installation. Note correct UP placement, as stamped inside the bracket.
2. Position the top edge of the bracket 2"-4" (5-10 cm) below the top edge of the door, OR directly below any structural support across the top of the door.
3. Mark, drill holes and install as follows, depending on your door's construction.

Metal or light weight doors using a vertical angle iron brace between the door panel support and the door bracket:

- Drill 3/16" fastening holes. Secure the door bracket using the two 1/4"-14x5/8" self-threading screws. (Figure 2A)
- Alternately, use two 5/16"-18x2" bolts, lock washers and nuts (not provided). (Figure 2B)

Metal, insulated or light weight factory reinforced doors:

- Drill 3/16" fastening holes. Secure the door bracket using the self-threading screws. (Figure 3)

Wood doors:

- Use top and bottom or side to side door bracket holes. Drill 5/16" holes through the door and secure bracket with 5/16"-18x2" carriage bolts, lock washers and nuts (not provided). (Figure 4)

NOTE: *The 1/4"-14x5/8" self-threading screws are not intended for use on wood doors.*

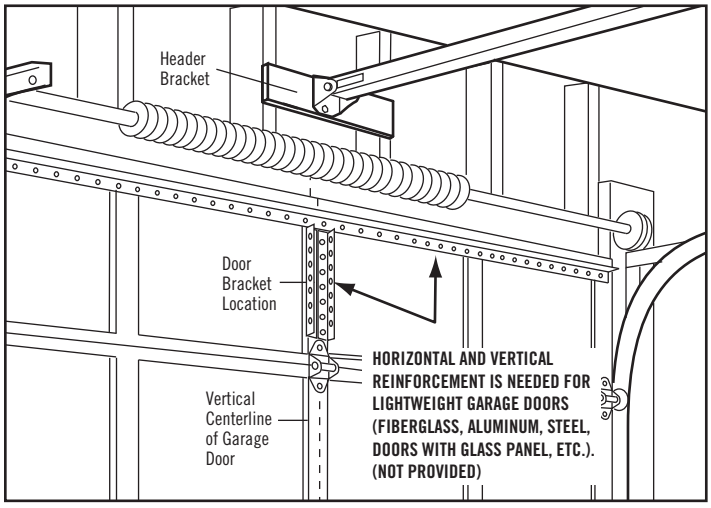


Figure 1

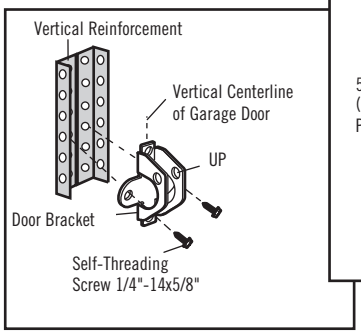


Figure 2A

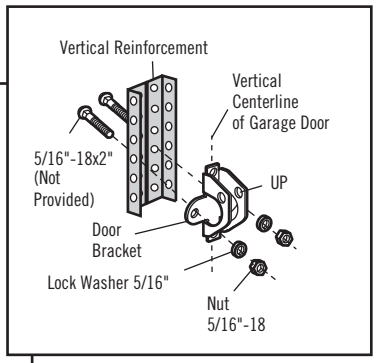


Figure 2B

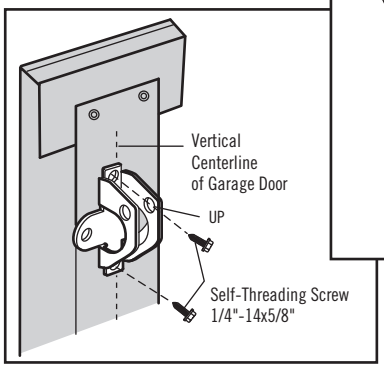


Figure 3

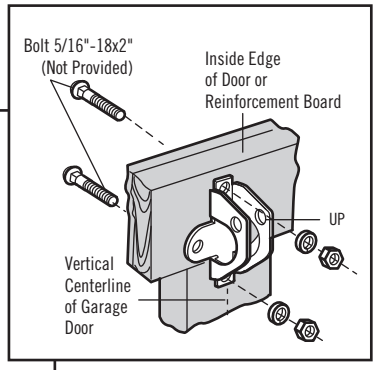
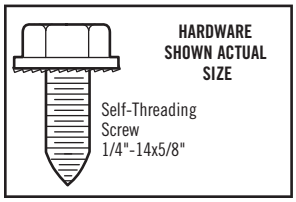


Figure 4



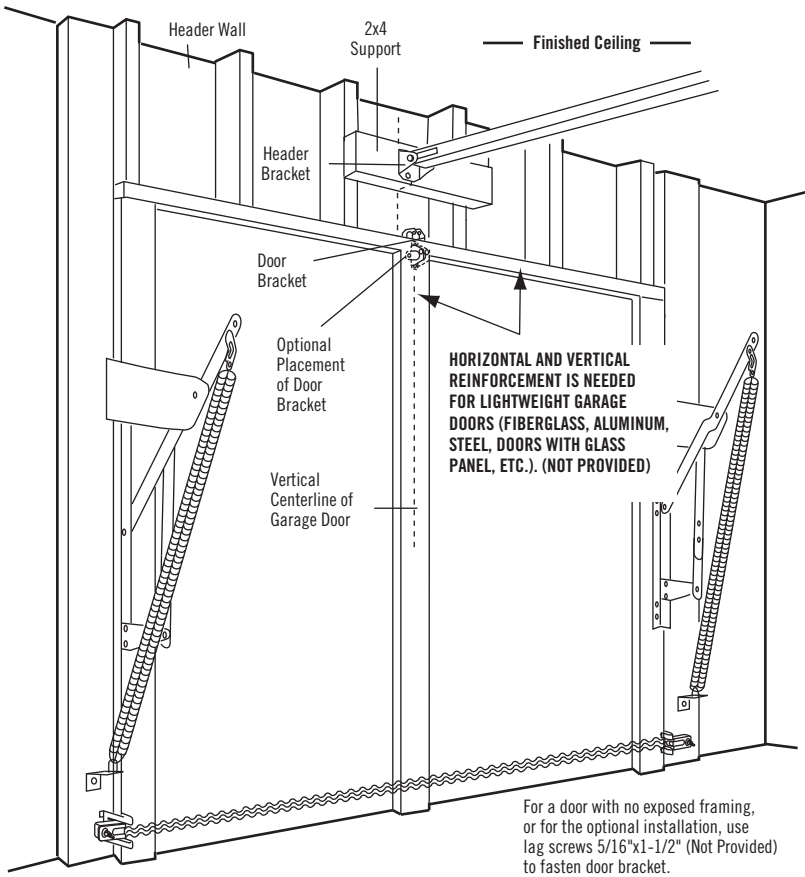
FASTEN THE DOOR BRACKET (CONTINUED)

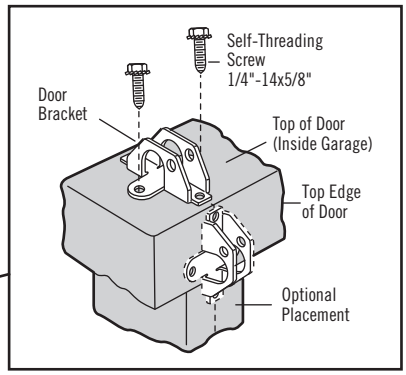
ONE-PIECE DOORS

Please read and comply with the warnings and reinforcement instructions on the previous page. They apply to one-piece doors also.

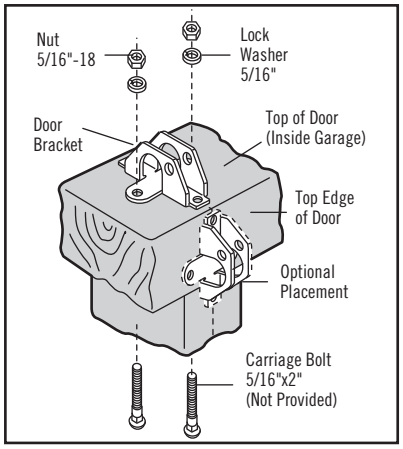
- Center the door bracket on the top of the door, in line with the header bracket as shown. Mark either the left and right, or the top and bottom holes.
- ***Metal Doors:*** Drill 3/16" pilot holes and fasten the bracket with the 1/4"-14x5/8" self-threading screws provided.
- ***Wood Doors:*** Drill 5/16" holes and use 5/16"x2" carriage bolts, lock washers and nuts (not provided) or 5/16"x1-1/2" lag screws (not provided) depending on your installation needs.

NOTE: *The door bracket may be installed on the top edge of the door if required for your installation. (Refer to the dotted line optional placement drawing.)*



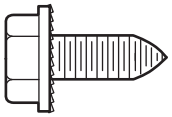


METAL DOOR



WOOD DOOR

HARDWARE SHOWN ACTUAL SIZE



Self-Threading Screw 1/4"-14x5/8"

INSTALLATION STEP 9

CONNECT DOOR ARM TO TROLLEY

Follow instructions which apply to your door type as illustrated below and on the following page.

IMPORTANT: *The groove on the straight door arm MUST face away from the curved door arm (Figure 4).*

SECTIONAL DOORS ONLY

1. Make sure garage door is fully closed. Pull the emergency release handle to disconnect the outer trolley from the inner trolley. Slide the outer trolley back (away from the pulley) about 8" (20 cm) as shown in Figures 1, 2 and 3.
2. Fasten straight door arm section to outer trolley with the 5/16"x1" clevis pin. Secure the connection with a ring fastener (Figure 1).
3. Fasten curved section to the door bracket in the same way, using the 5/16"x1-1/4" clevis pin.
4. Bring arm sections together. Find two pairs of holes that line up and join sections. Select holes as far apart as possible to increase door arm rigidity (Figure 2).

Hole alignment alternative (Figure 3):

- If holes in curved arm are above holes in straight arm, disconnect straight arm. Cut about 6" (15 cm) from the solid end. Reconnect to trolley with cut end down as shown.
- Bring arm sections together.
- Find two pairs of holes that line up and join with bolts, lock washers and nuts.

Pull the emergency release handle toward the opener at a 45° angle so that the trolley release arm is horizontal. Trolley will re-engage automatically when opener is operated during the adjustments.

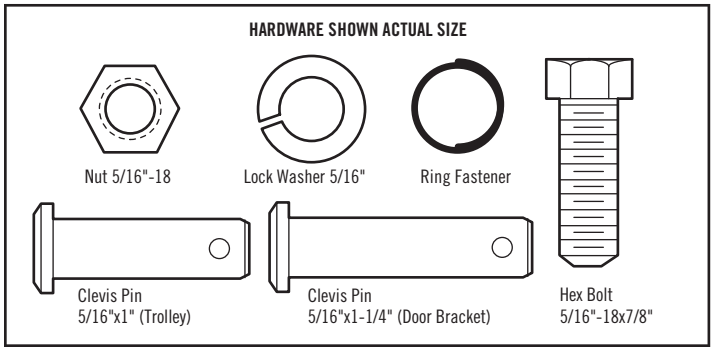


Figure 1

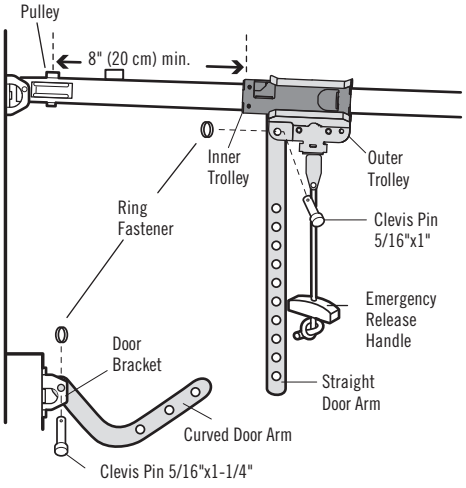


Figure 2

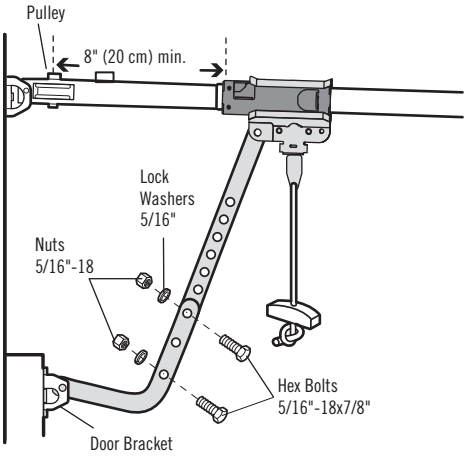


Figure 3

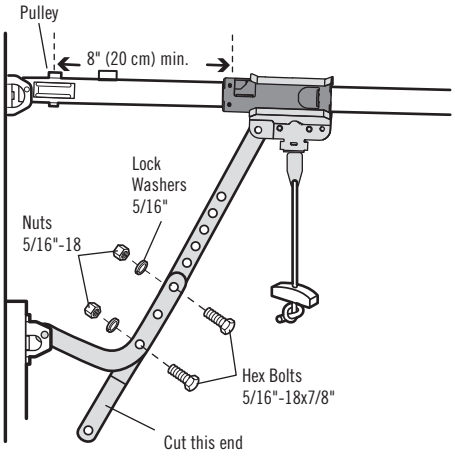
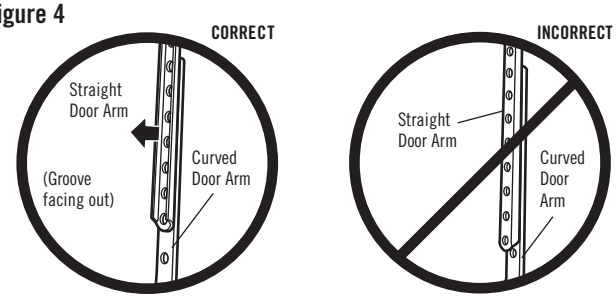


Figure 4



CONNECT DOOR ARM TO TROLLEY (CONTINUED)

ALL ONE-PIECE DOORS

IMPORTANT: *The groove on the straight door arm MUST face away from the curved door arm (Figure 5).*

1. Close the door. Disconnect the trolley by pulling the emergency release handle.
2. Fasten the straight door arm and the curved door arm together to the longest possible length (with a 2 or 3 hole overlap) using the bolts, nuts, and lock washers.
3. Attach the straight door arm to the door bracket using the 5/16"x1-1/4" clevis pin. Secure with the ring fastener.
4. Attach the curved door arm to the trolley using the 5/16"x1" clevis pin. Secure with the ring fastener.
5. Pull the emergency release handle toward the garage door opener until the trolley release arm is horizontal.

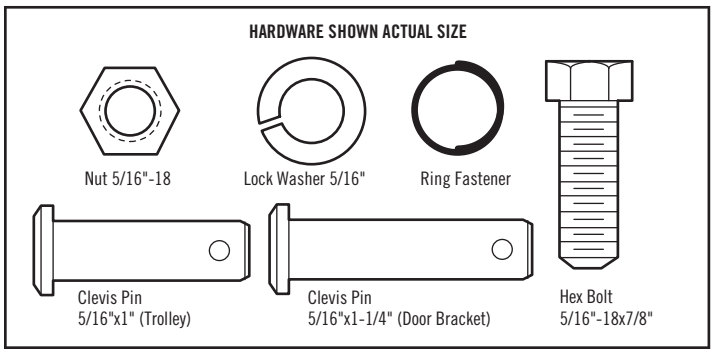


Figure 5

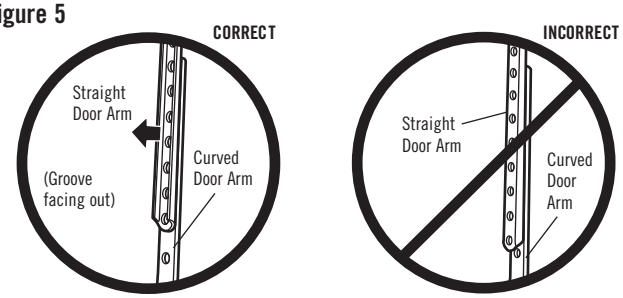


Figure 6 One-Piece Door Without Track

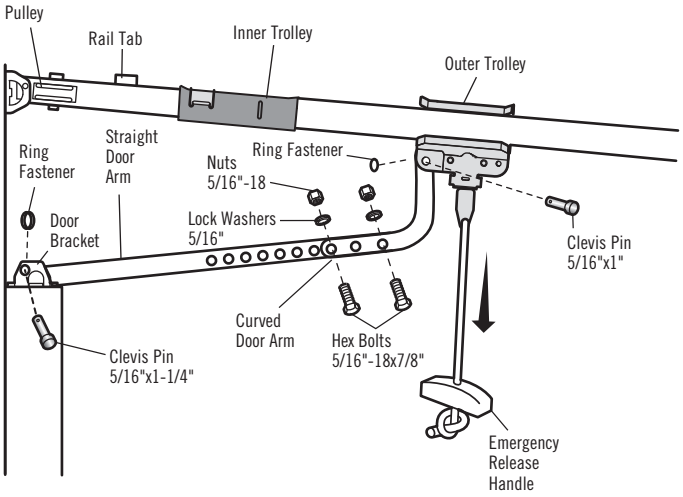
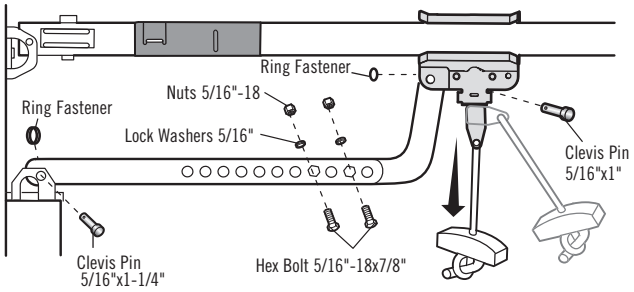


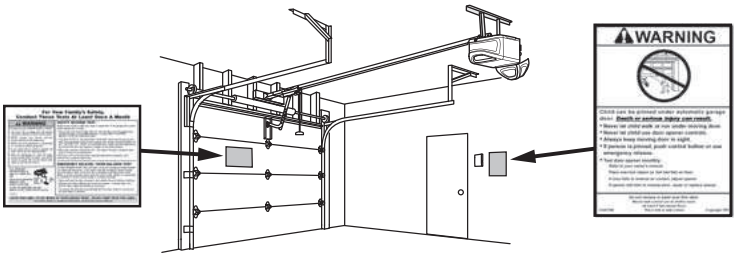
Figure 7 One-Piece Door With Track



INSTALLATION STEP 10

ATTACH THE WARNING LABELS

1. Attach the entrapment warning label on the wall near the door control with tacks or staples.
2. Attach the manual release/safety reverse test label in a visible location on the inside of the garage door.



INSTALLATION STEP 11

INSTALL THE DOOR CONTROL

INTRODUCTION

NOTE: *Older door controls and third party products are not compatible.*

Install the door control within sight of the door at a minimum height of 5 feet (1.5 m) above floors, landings, steps or any other adjacent walking surface where small children cannot reach, and away from the moving parts of the door.

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

WIRE THE DOOR CONTROL (FIGURE 1) - MODELS CMXEOCG572, CMXEOCG772, and CMXEOCG982

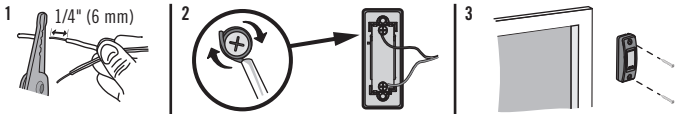
1. Strip 7/16" (11 mm) of insulation from one end of the wire and separate the wires.
2. Connect one wire to each of the two screws on the back of the door control. The wires can be connected to either screw. **Pre-wired installations:** Choose any two wires to connect, but make note of which wires are used so that the correct wires are connected to the garage door opener in a later step.

MOUNT THE DOOR CONTROL (FIGURE 2) - MODELS CMXEOCG572, CMXEOCG772, and CMXEOCG982

1. Mark the location of the bottom mounting hole and drill a 5/32" hole.
2. Install the bottom screw, allowing 1/8" (3 mm) to protrude from the wall.
3. Position the bottom hole of the door control over the screw and slide down into place.
4. Lift the push bar and mark the top hole.
5. Remove the door control from the wall and drill a 5/32" hole for the top screw.
6. Position the bottom hole of the door control over the screw and slide down into place. Attach the top screw.

PUSH BUTTON DOOR CONTROL - MODEL CMXEOCG322

1. Strip 1/4" (6 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.
3. Mount the door control with the hardware provided.



WIRE THE DOOR CONTROL TO THE GARAGE DOOR OPENER (FIGURE 3)

Pre-wired installations: When wiring the door control to the garage door opener make sure you use the same wires that are connected to the door control.

1. 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.
2. Strip 7/16" (11 mm) of insulation from the other end of the wire near the garage door opener.
3. Connect the wire to the red and white terminals on the garage door opener.

⚠ ⚠ WARNING

To prevent possible SERIOUS INJURY or DEATH from electrocution:

- Be sure power is NOT connected BEFORE installing door control.
- Connect door control ONLY to 12 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.

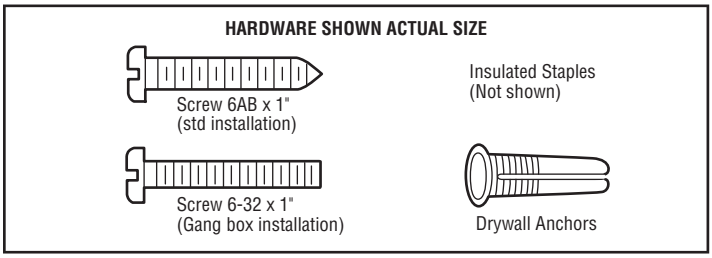


Figure 1

PRE-WIRED INSTALLATIONS: Choose any two wires to connect, but make note of which wires are used.

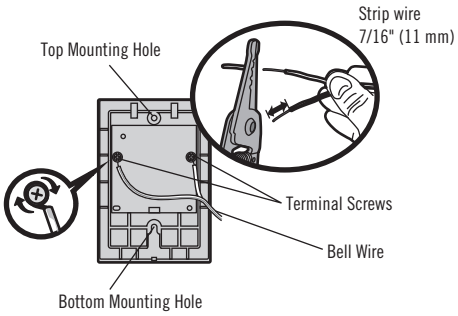


Figure 2

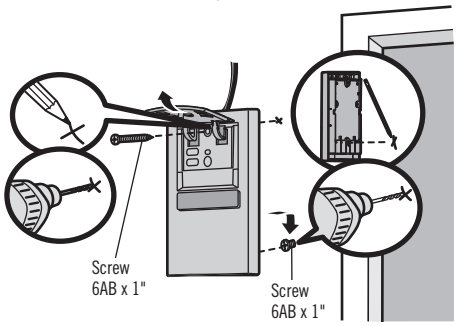
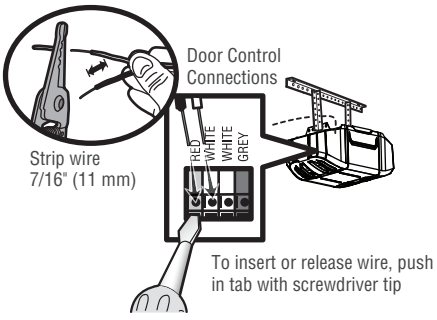


Figure 3



INSTALLATION STEP 12

INSTALL THE SAFETY REVERSAL SYSTEM

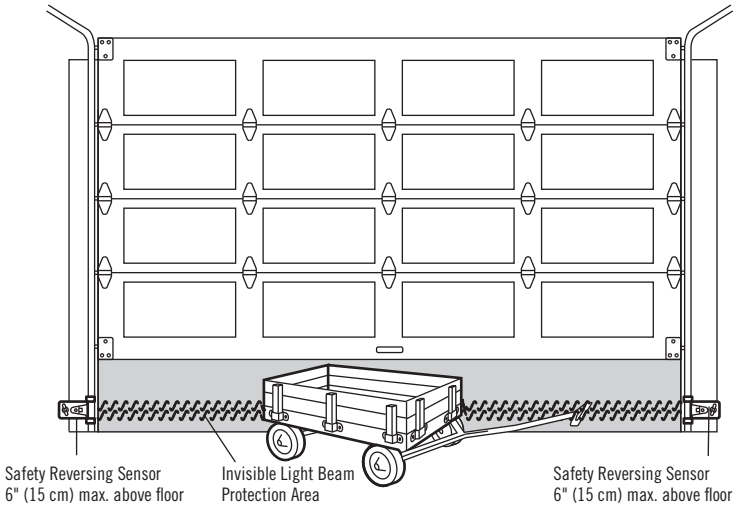
IMPORTANT INFORMATION ABOUT THE SAFETY REVERSING SENSORS

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

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.

When installing the safety reversing sensors check the following:

- Sensors are installed inside the garage, one on either side of the door.
- Sensors are facing each other with the lenses aligned and the receiving sensor lens does not receive direct sunlight.
- Sensors are no more than 6" (15 cm) above the floor and the light beam is unobstructed.



Facing the door from inside the garage

⚠ 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.

INSTALL THE SAFETY REVERSAL SYSTEM (CONTINUED)

INSTALLING THE BRACKETS

Be sure power to the opener is disconnected. Install and align the brackets so the sensors will face each other across the garage door, with the beam no higher than 6" (15 cm) above the floor. They may be installed in one of three ways, as follows.

Garage door track installation (preferred):

1. Slip the curved arms over the rounded edge of each door track, with the curved arms facing the door. Snap into place against the side of the track. It should lie flush, with the lip hugging the back edge of the track, as shown in Figure 1.

If your door track will not support the bracket securely, wall installation is recommended.

Wall installation (Figures 2 and 3):

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 (see Accessories) or wood blocks can be used.
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).
5. 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.

Floor installation (Figure 4):

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.

Figure 1

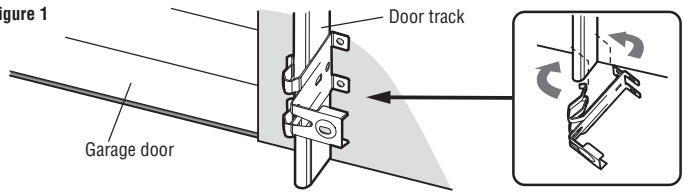


Figure 2

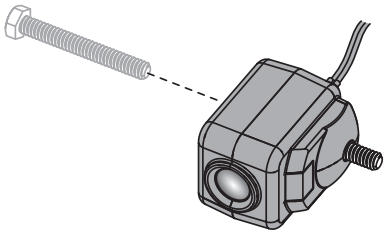
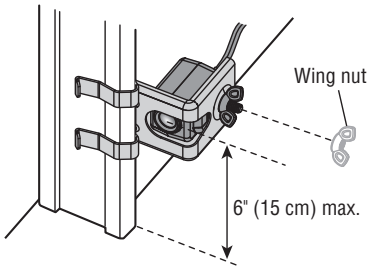
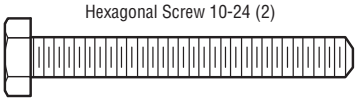
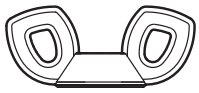


Figure 3



HARDWARE





Wing Nut 1/4"-20 (2)

INSTALL THE SAFETY REVERSAL SYSTEM (CONTINUED)

MOUNTING AND WIRING THE SAFETY REVERSING SENSORS

Mounting:

1. Slide a 1/4"-20 x 1/2" carriage bolt head into the slot on each sensor. Use wing nuts to fasten sensors to brackets, with lenses pointing toward each other across the door. Be sure the lens is not obstructed by a bracket extension (Figure 5).
2. Finger tighten the wing nuts.

Option A - Installation Without Pre-Wiring:

1. Run the bell wire from both sensors to the garage door opener. Attach the wire to the wall and ceiling with the staples (Figure 6).

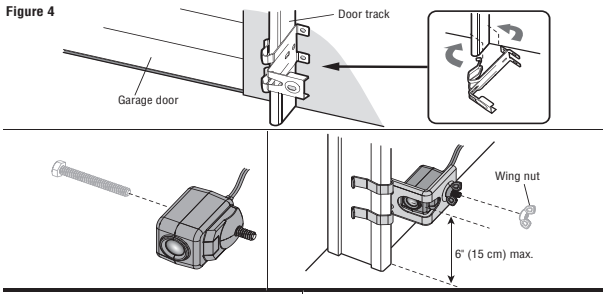
Option B - Pre-Wired Installation:

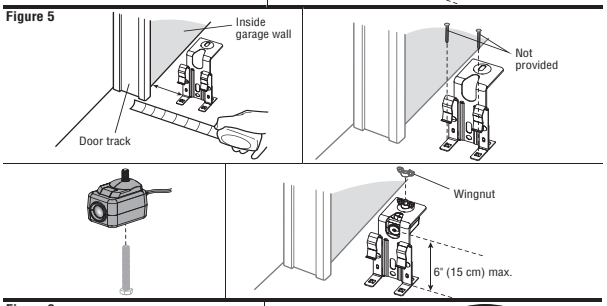
If your garage already has wires installed for the safety reversing sensors, follow the instructions below:

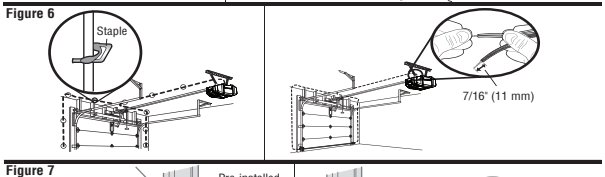
1. Cut the end of the safety sensor wire, making sure there is enough wire to reach the pre-installed wires from the wall (Figure 7).
2. Separate the safety sensor wires and strip 7/16" (11 mm) of insulation from each end. Choose two of the pre-installed wires and strip 7/16" (11 mm) of insulation from each end. Make sure that you choose the same color pre-installed wires for each sensor.
3. Connect the pre-installed wires to the sensor wires with wire nuts making sure the colors correspond for each sensor.

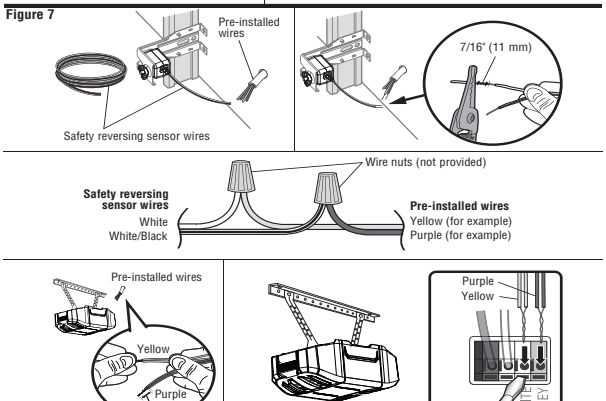
CONNECT TO GARAGE DOOR OPENER:

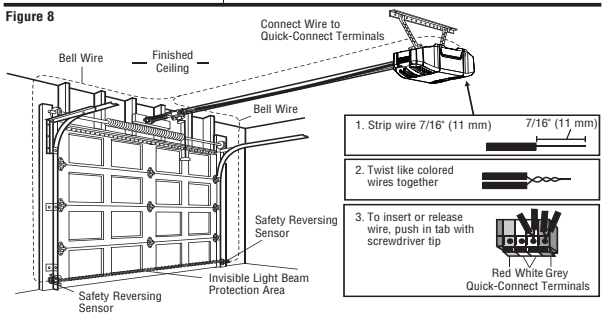
1. Strip 7/16" (11 mm) of insulation from each set of wires. Separate white and white/black wires sufficiently to connect to the opener quick-connect terminals. Twist like colored wires together. Insert wires into quick-connect holes: white to white and white/black to grey (Figure 8).











INSTALLATION STEP 13

ELECTRICAL REQUIREMENTS

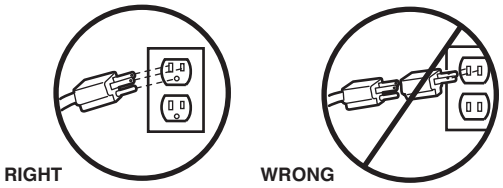
⚠ WARNING

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.

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

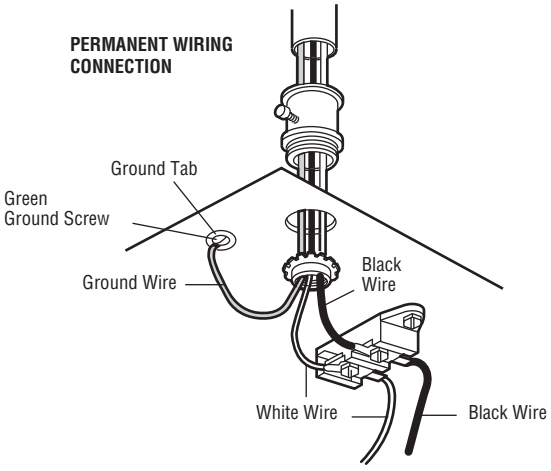
To reduce the risk of electric shock, your garage door opener has a grounding type plug with a third grounding pin. This plug will only fit into a grounding type outlet. If the plug doesn't fit into the outlet you have, contact a qualified electrician to install the proper outlet.



RIGHT WRONG

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

1. Remove the motor unit cover screws and set the cover aside.
2. Remove the attached 3-prong cord.
3. Connect the black (line) wire to the screw on the brass terminal; the white (neutral) wire to the screw on the silver terminal; and the ground wire to the green ground screw. **The opener must be grounded**.
4. Reinstall the cover.



INSTALLATION STEP 14

ALIGNING THE SAFETY REVERSING SENSORS

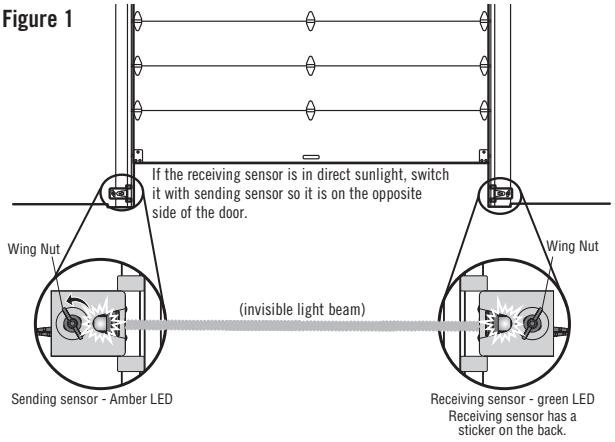
The door will not close if the sensors have not been installed and aligned correctly.

When the light beam is obstructed or misaligned while the door is closing, the door will reverse. If the door is already open, it will not close.

1. 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.

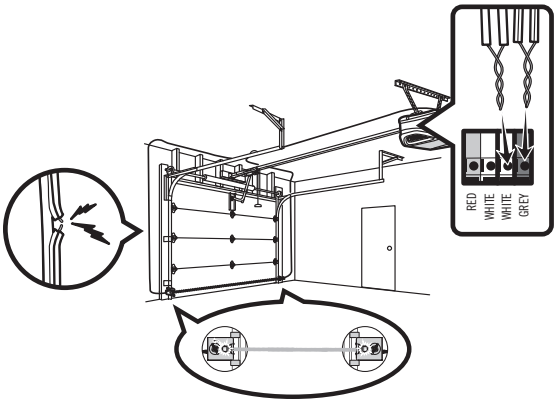
The sensors can be aligned by loosening the wing nuts, aligning the sensors, and tightening the wing nuts.

Figure 1



IF THE AMBER LED ON THE SENDING SENSOR IS NOT GLOWING:

1. Make sure there is power to the garage door opener.
2. Make sure the sensor wire is not shorted/broken.
3. Make sure the sensor has been wired correctly: white wires to white terminal and white/black wires to grey terminal.



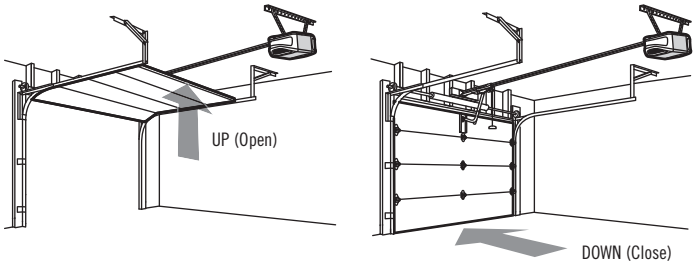
IF THE GREEN LED ON THE RECEIVING SENSOR IS NOT GLOWING:

1. Make sure the sensor wire is not shorted/broken.
2. Make sure the sensors are aligned.

ADJUSTMENT

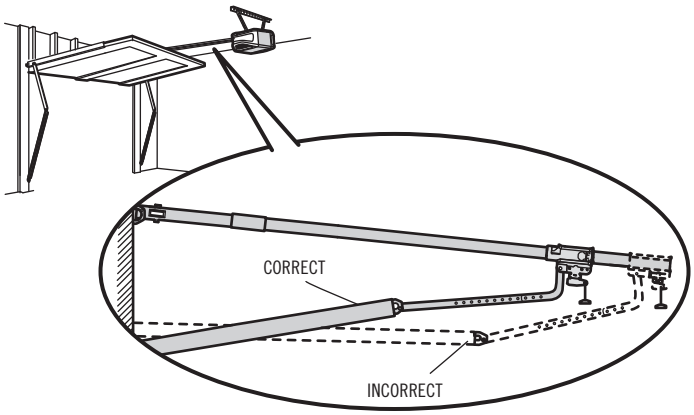
INTRODUCTION

Your garage door opener is designed with electronic controls to make setup and adjustments easy.



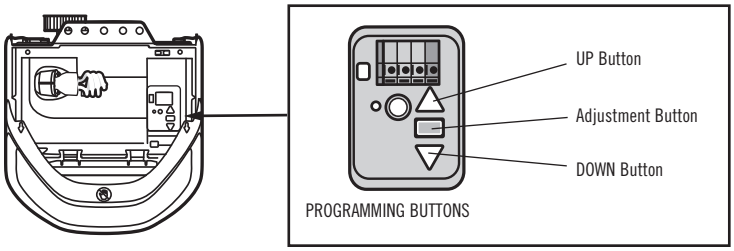
ONE-PIECE DOORS ONLY

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.



⚠ 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.

1 - PROGRAM THE TRAVEL

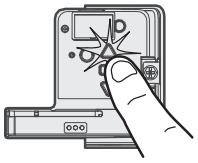
⚠ ⚠ WARNING

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

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

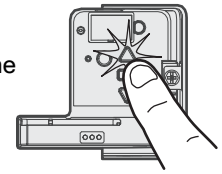
Note: While programming the travel, the UP and DOWN buttons can be used to move the door as needed. During the Automatic Force Setup, the door will automatically open and close.

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



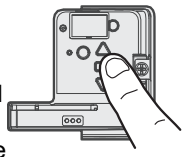
2 Press and hold the UP Button until the door is in the desired UP position.

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



4 Press and hold the DOWN button until the door is in the desired DOWN position.

5 Once the door is in the desired DOWN position press and release the Adjustment Button. The garage door opener lights will flash twice. Program the Travel is now complete.



If the garage door opener lights flash 5 times, then programming has timed out and the Travel Limits have not been set. Please restart the Program the Travel process.

2 - AUTOMATIC FORCE SET UP

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

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

3 - TEST THE SAFETY REVERSAL SYSTEM

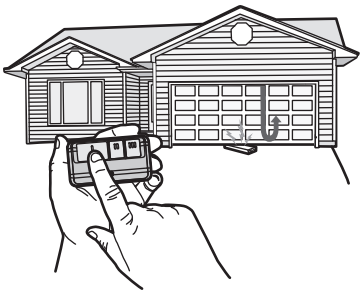
⚠ WARNING

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

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

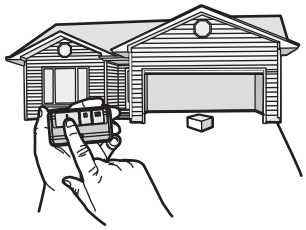
4 - TEST THE PROTECTOR SYSTEM®

⚠ WARNING

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

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

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



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

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

BATTERY BACKUP
MODEL CMXEOCG982

INSTALL THE BATTERY

⚠ WARNING

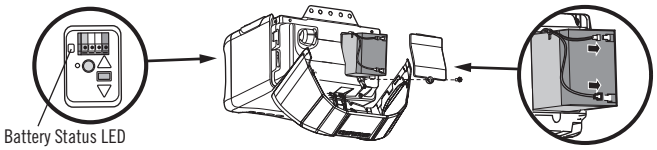
To reduce the risk of FIRE or INJURY to persons:

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

⚠ CAUTION

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

1. Unplug the garage door opener.
2. Open the light lens on the right side panel of the garage door opener. Use a Phillips head screwdriver to remove the battery cover on the garage door opener.
3. Partially insert the battery into the battery compartment with the terminals facing out.
4. Connect red (+) and black (-) wires from the garage door opener to the corresponding terminals on the battery.
5. Replace the battery cover.
6. Plug in the garage door opener.
7. Wait for the green Battery Status LED to start flashing before proceeding to test the battery.



TEST THE BATTERY

1. Unplug the garage door opener. The battery status LED will either glow solid orange indicating opener is operating on battery power or will flash indicating low battery power.
   NOTE: *Make sure the garage door opener is unplugged.*
2. Open and close the door using the remote control or door control. The garage door opener may run slower if the battery is not fully charged. The battery will take 24 hours to fully charge.
3. 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 110Vac 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.

NOTE: *When the garage door opener is in battery backup mode the garage door opener lights, Timer-to-Close, and Remote Close features are unavailable.*

BATTERY STATUS LED

NOTE: *The Battery Status LED is most visible with the garage door opener light off. Battery does not have to be fully charged to operate the garage door opener.*

GREEN LED:

All systems are normal.

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

ORANGE LED:

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

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

RED LED:

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

- A solid red LED with beep, sounding every 30 seconds, indicates the 12V battery will no longer hold a charge and needs to be replaced. Please call for replacement battery to allow your system to operate during a power outage.

myQ® SMARTPHONE CONTROL

CONNECT WITH YOUR SMARTPHONE

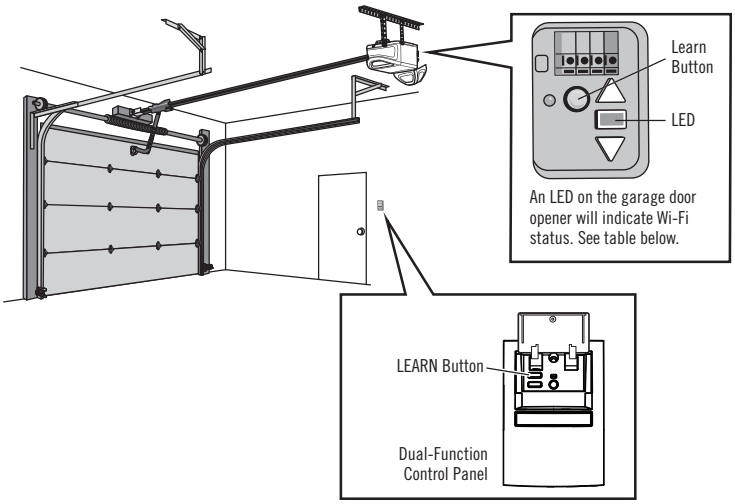
YOU WILL NEED:

- Wi-Fi enabled smartphone, tablet or laptop
- Broadband Internet Connection
- Wi-Fi signal in the garage **(2.4 Ghz, 802.11b/g/n required)**, see page 4
- 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.

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



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

NOTES:

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

To erase the Wi-Fi settings, see page 37.

OPERATION

IMPORTANT SAFETY INSTRUCTIONS

⚠ ⚠ WARNING

To reduce the risk of SEVERE INJURY or DEATH:

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

FEATURES

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

myQ® (DO NOT ENABLE ON ONE-PIECE DOORS)

myQ® technology uses a 900 MHz signal to provide two-way communication between the garage door opener and myQ® enabled accessories. Your garage door opener is compatible with up to 8 myQ® accessories.

FOR MODELS CMXEOCG772 AND CMXEOCG982 TIMER-TO-CLOSE (DO NOT ENABLE ON ONE-PIECE DOORS)

The Timer-to-Close feature automatically closes the door after a specified time period that can be adjusted using the door control. Prior to the door closing there will be an audible and visual alert.

REMOTE CONTROLS AND DOOR CONTROLS

Your garage door opener has already been programmed at the factory to operate with your remote control, which changes with each use, randomly accessing over 100 billion new codes.

myQ® Accessories	MEMORY CAPACITY
Remote Controls	Up to 8
Door Controls	Up to 2 myQ® door controls
Wireless Keypads	Up to 1

THE SAFETY REVERSAL SYSTEM

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

LIGHTS

The garage door opener light bulbs will turn on when the opener is initially plugged in; power is restored after interruption, or when the garage door opener is activated. The lights will turn off automatically after 4-1/2 minutes. An incandescent A19 light bulb (100 watt maximum) or for maximum energy efficiency a 26W (100W equivalent) compact fluorescent light (CFL) bulb may be used.

LED bulbs may cause remote control radio interference. Model CMXEOCG982 comes equipped with 2 LED bulbs. We recommend use of these bulbs as replacements so transmitter range is not reduced.

FOR MODEL CMXEOCG982 BATTERY BACKUP

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

USING YOUR GARAGE DOOR OPENER

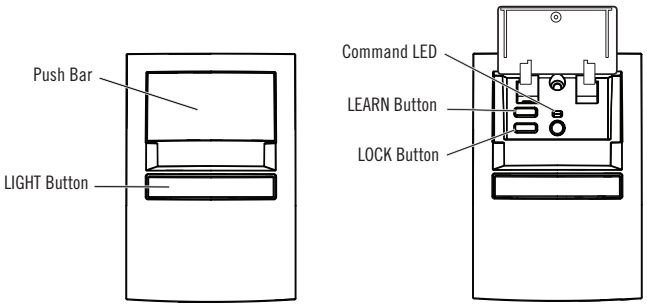
The garage door opener can be activated through a wall-mounted door control, remote control, wireless keypad or myQ® accessory.

When the door is closed and the garage door opener is activated the door will open. If the door makes contact with an obstruction while opening, the door will stop, opener beeps and lights flash 5 times. When the door is in any position other than closed and the garage door opener is activated, the door will close. If the garage door makes contact with an obstruction while closing, the door will reverse, opener beeps and lights flash 5 times. However, you can close the door if you hold the button on the door control or wireless keypad until the door is fully closed.

The safety reversing sensors do not affect the opening cycle. The safety reversing sensor must be connected and aligned correctly before the garage door opener will move in the down direction.

DUAL-FUNCTION CONTROL PANEL
MODEL CMXEOCG572

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



PUSH BAR: Press the push bar to open or close the door.

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

To change the amount of time the lights stay on:

Press and hold the LOCK button (approximately 10 seconds) until the garage door opener lights flash. The time interval is indicated by the number of times the garage door opener lights flash:

- 1 flash is 1-1/2 minutes
- 2 flashes is 2-1/2 minutes
- 3 flashes is 3-1/2 minutes
- 4 flashes is 4-1/2 minutes

To cycle through the time intervals repeat the step above. If the push bar LED is continuously blinking, the LOCK feature needs to be turned off.

LEARN BUTTON: Any compatible remote control, wireless keypad, or myQ® devices can be programmed to the garage door using the LEARN button.

LOCK: Prevents the garage door opener from being activated by remote controls while still allowing activation from the door control and wireless keypad.

Turn ON:

Press and hold the LOCK button for 2 seconds. The command LED will flash as long as the lock feature is on.

Turn OFF:

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

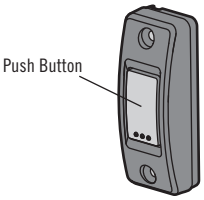
TIMER-TO-CLOSE (DO NOT enable on one-piece doors)

The Timer-to-Close feature is not available on all door controls. Below is a list of door controls with the Timer-to-Close feature:

The Timer-to-Close feature automatically closes the garage door after a specified time period. **DO NOT enable TTC if operating a one-piece door. TTC is to be used ONLY with sectional doors.** Factory default is set to off. The garage door opener will beep and the lights will flash before closing the door. The TTC feature will deactivate if the garage door encounters an obstruction twice; or the safety reversing sensors are incorrectly installed. The garage door will reverse open and WILL NOT close until the obstructions are clear or the safety reversing sensors are correctly installed. When the obstruction has been cleared or the safety reversing sensors have been aligned, the door will close when the garage door opener is activated. TTC WILL NOT work if the garage door opener is operating by battery power or if the safety reversing sensors are misaligned. This feature is NOT intended to be the primary method of closing the door. **A wireless keypad should be installed in the event of an accidental lock out when using this feature.**

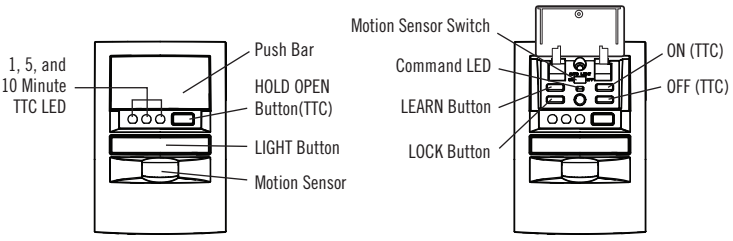
DOOR CONTROL
MODEL CMXEOCG322

SYNCHRONIZE THE DOOR CONTROL: To synchronize the door control to the garage door opener, press the push button until the garage door opener activates (it may take up to 3 presses).



MOTION DETECTING CONTROL PANEL
MODELS CMXEOCG772 AND CMXEOCG982

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



PUSH BAR: Press the push bar to open or close the door.

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

To change the amount of time the lights stay on:

Press and hold the LOCK button (approximately 10 seconds) until the garage door opener lights flash. The time interval is indicated by the number of times the garage door opener lights flash:

- 1 flash is 1-1/2 minutes
- 2 flashes is 2-1/2 minutes
- 3 flashes is 3-1/2 minutes
- 4 flashes is 4-1/2 minutes

To cycle through the time intervals repeat the step above. If the push bar LED is continuously blinking, the LOCK feature needs to be turned off.

LEARN BUTTON: Any compatible remote control, wireless keypad, or myQ® devices can be programmed to the garage door using the LEARN button.

MOTION SENSOR: The motion sensor automatically turns on the garage door opener lights when motion is detected. The lights come on for the set period of time, and then shut off. If using the garage door opener light as a work light disable the motion sensor, otherwise the lights may turn off automatically if you are beyond the range of the motion sensor.

The motion sensor switch turns the motion sensor on or off.

LOCK: Prevents the garage door opener from being activated by remote controls while still allowing activation from the door control and wireless keypad.

Turn ON:

Press and hold the LOCK button for 2 seconds. The command LED will flash as long as the lock feature is on.

Turn OFF:

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

TIMER-TO-CLOSE (TTC) (Factory default is set to off): The Timer-to-Close feature automatically closes the door after a specified time period and can be adjusted using the door control. DO NOT enable TTC if operating a one-piece door. TTC is to be used ONLY with sectional doors. The garage door opener will beep and the lights will flash before closing the door. The TTC feature will deactivate if the garage door encounters an obstruction twice; or the safety reversing sensors are incorrectly installed. The garage door will reverse open and WILL NOT close until the obstructions are clear or the safety reversing sensors are correctly installed. When the obstruction has been cleared or the safety reversing sensors have been aligned, the door will close when the garage door opener is activated. TTC WILL NOT work if the garage door opener is operating by battery power or if the safety reversing sensors are misaligned. This feature is NOT intended to be the primary method of closing the door. A wireless keypad should be installed in the event of an accidental lock out when using this feature.

To turn TTC on or off or to set the TTC time interval:

Turn ON:

1. Press and hold the ON button until one of the TTC LEDs light up.
2. Then press the ON button again to cycle through the time interval options. The TTC time interval can be set to 1, 5, and 10 minutes (the corresponding TTC LED will light for each time interval). The garage door opener light bulbs will blink as confirmation. Once the TTC has been set and the door is open, the TTC LED for the selected time interval will blink and begin to count down to close the door.

Turn OFF:

1. Press and hold the OFF button until all TTC LEDs turn off and a beep is heard from the garage door opener.

Temporarily hold door open (suspend TTC):

1. Press and release the HOLD OPEN button.
2. Press the HOLD OPEN button again to resume normal TTC operation.

REMOTE CONTROL AND WIRELESS KEYPAD

Pre-programmed remote control included, no need to program the remote.

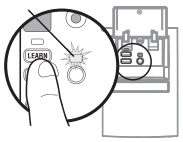
To add or reprogram a remote control, follow the instructions below.

PROGRAM USING THE DOOR CONTROL

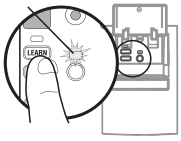
1. Press the LEARN button on the door control to enter Programming Mode.
2. Press the LEARN button again, the LED will flash once.
3. **Remote Control:** Press the button on the remote control that you wish to operate your garage door.
   Wireless Keypad: Enter a 4-digit personal identification number (PIN) of your choice on the wireless keypad. Then press the ENTER button.

The garage door opener lights will flash (or two clicks will be heard) when the code has been programmed.

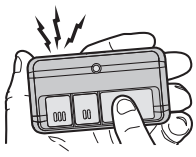
1 The command LED will flash once.



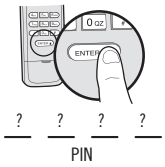
2 The command LED will flash once again.



3



OR



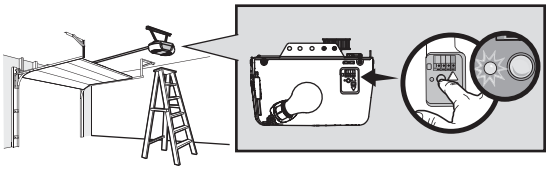
TO ERASE THE MEMORY

ERASE ALL REMOTE CONTROLS AND WIRELESS KEYPADS

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

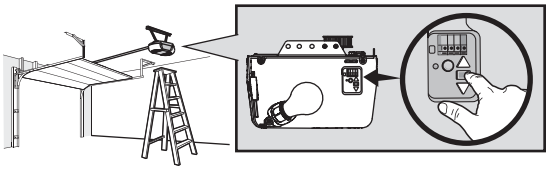
ERASE ALL DEVICES (INCLUDING myQ® ENABLED ACCESSORIES)

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).



TO OPEN THE DOOR MANUALLY

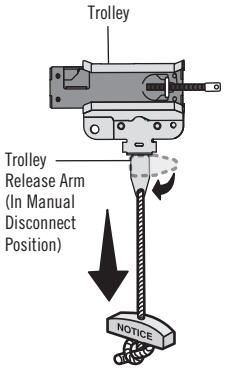
⚠ WARNING

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.

DISCONNECT THE TROLLEY

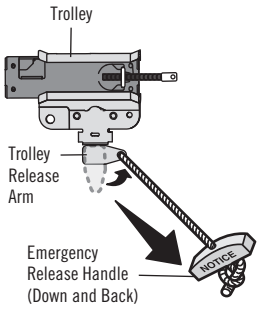
1. The door should be fully closed if possible.
2. Pull down on the emergency release handle so the trolley release arm snaps to the vertical position. The door can now be raised and lowered as often as necessary.



Lockout position (Manual disconnect)

TO RE-CONNECT THE TROLLEY

1. Pull the emergency release handle toward the garage door opener so the trolley release arm snaps to the horizontal position. The trolley will reconnect on the next UP or DOWN operation, either manually or by using the door control or remote control.



To reconnect

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:

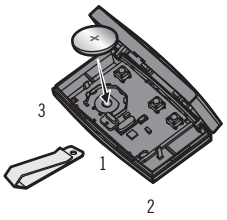
- Replace ONLY with 3V CR2032 coin batteries.
- DO NOT recharge, disassemble, heat above 212°F (100°C) or incinerate.

The lithium battery should produce power for up to 3 years.

To replace battery, use the visor clip or screwdriver blade to pry open the case as shown. Insert battery positive side up (+).

Replace the battery with only 3V CR2032 coin cell batteries. Dispose of old battery properly.

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



CARE OF YOUR OPENER

MAINTENANCE SCHEDULE

Every month

- Manually operate door. If it is unbalanced or binding, call a trained door systems technician.
- Check to be sure door opens and closes fully. Adjust if necessary, see page 28.
- Test the safety reversal system. Adjust if necessary, see page 30.

Every year

- Oil door rollers, bearings and hinges. The garage door opener does not require additional lubrication. Do not grease the door tracks.
- Test the battery backup and consider replacing the battery to ensure the garage door opener will operate during an electrical power outage, see page 31 to test the battery backup.

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.

TROUBLESHOOTING

DIAGNOSTIC CHART

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

UP ARROW FLASH(ES)	DOWN ARROW FLASH(ES)	SYMPTOM	SOLUTION
1	1	The garage door opener will not close.	Safety reversing sensors are not installed, connected, or wires may be cut. Inspect sensor wires for a disconnected or cut wire.
1	2	The garage door opener will not close.	There is a short or reversed wire for the safety reversing sensors. Inspect safety sensor wire at all staple and connection points, replace wire or correct as needed.
1	3	The door control will not function.	The wires for the door control are shorted or the door control is faulty. Inspect door control wires at all staple and connection points, replace wire or correct as needed.
1	4	The garage door opener will not close.	Safety reversing sensors are misaligned or were momentarily obstructed. Realign both sensors to ensure both LEDs are steady and not flickering. Make sure nothing is hanging or mounted on the door that would interrupt the sensor's path while closing.
1	5	Door moves 6-8" (15-20 cm) stops or reverses.	Manually open and close the door. Check for binding or obstructions, such as a broken spring or door lock, correct as needed. Check wiring connections at travel module and at the logic board. Replace travel module if necessary.
		No movement, only a single click.	Manually open and close the door. Check for binding or obstructions, such as a broken spring or door lock, correct as needed. Replace logic board if necessary.
		Opener hums for 1-2 seconds no movement.	Manually open and close the door. Check for binding or obstructions, such as a broken spring or door lock, correct as needed. Replace motor if necessary.
1	6	Door coasts after it has come to a complete stop.	Program travel to coasting position or have door balanced by a trained door systems technician.
2	1-5	No movement, or sound.	Replace logic board.
3	2	Unable to set the travel or retain position.	Check travel module for proper assembly, replace if necessary.
3	3	The battery status LED is constantly flashing green.	Battery backup charging circuit error, replace the logic board.
4	1-4	Door is moving, stops or reverses. Opener beeps and lights flash.	Manually open and close the door. Check for binding or obstructions, such as a broken spring or door lock, correct as needed. If the door is binding or sticking, contact a trained door systems technician. If door is not binding or sticking, attempt to reprogram travel (refer to page 29).
4	5	Opener runs approximately 6-8" (15-20 cm), stops and reverses.	Communication error to travel module. Check travel module connections, replace travel module if necessary.
4	6	The garage door opener will not close.	Safety reversing sensors are misaligned or were momentarily obstructed. Realign both sensors to ensure both LEDs are steady and not flickering. Make sure nothing is hanging or mounted on the door that would interrupt the sensor's path while closing.

These are additional troubleshooting issues that will not show up in the diagnostic codes:

My remote control will not activate the garage door:

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

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

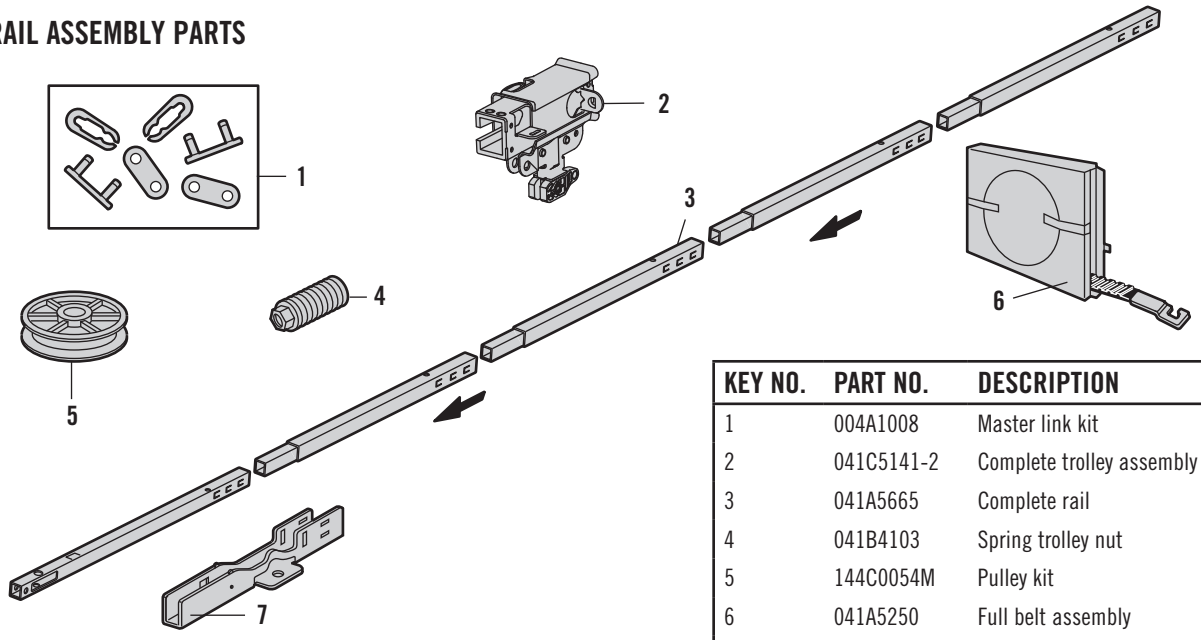
- Ensure the CRAFTSMAN serial number was entered correctly and try again. The CRAFTSMAN serial number uses the characters A-F and 0-9 only.
- If your black adjustment button is not solid green go to support.chamberlaingroup.com.

My neighbor's remote control opens my garage door:

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

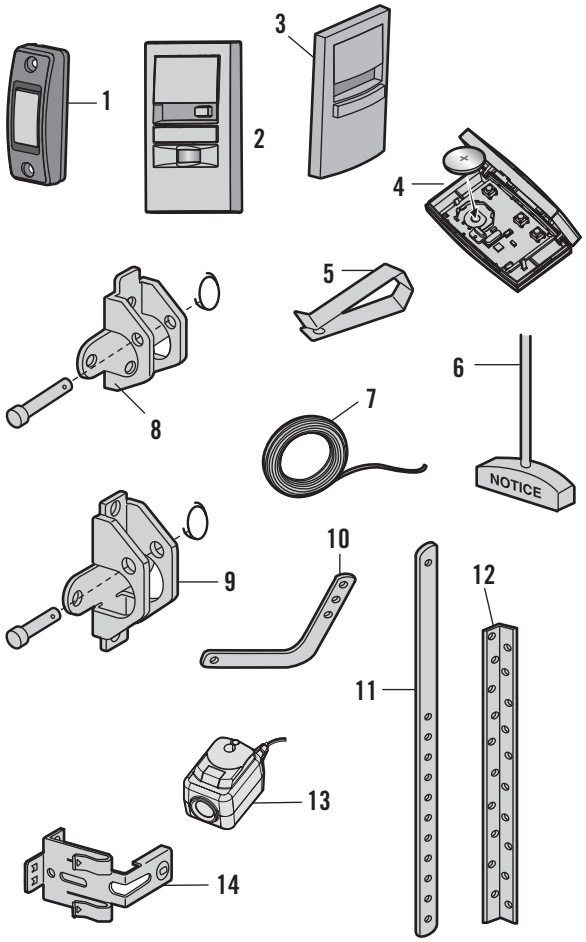
REPAIR PARTS

RAIL ASSEMBLY PARTS



KEY NO.	PART NO.	DESCRIPTION
1	004A1008	Master link kit
2	041C5141-2	Complete trolley assembly
3	041A5665	Complete rail
4	041B4103	Spring trolley nut
5	144C0054M	Pulley kit
6	041A5250	Full belt assembly
7	041D0598-1	"U" bracket
	NOT SHOWN	
	041A7276	Wear pads

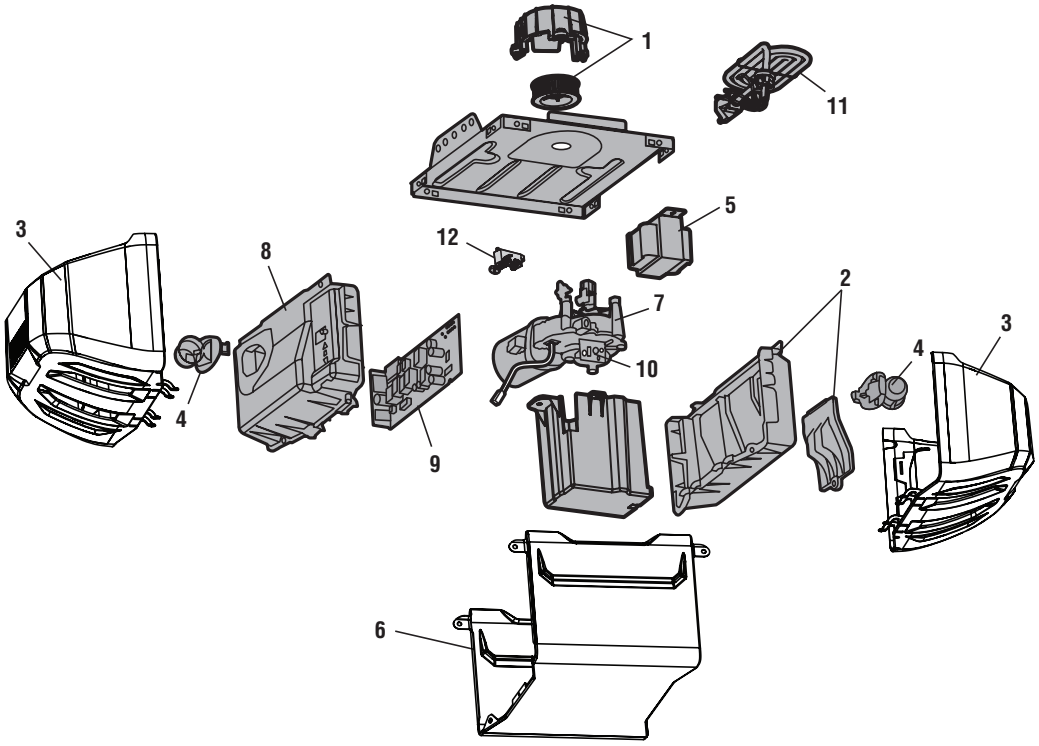
INSTALLATION PARTS



KEY NO.	PART NO.	DESCRIPTION
1	041A7367-7	Door Control (Model CMXEOCG322)
2	041-0126	Motion Detecting Control Panel
3	041A9501	Dual-Function Control Panel (Model CMXEOCG572)
4	K010A0020	3V CR2032 lithium battery
5	K029B0137	Visor clip
6	041A2828	Emergency release rope and handle assembly
7	041B4494-1	2-Conductor bell wire: white and white/red
8	041A5047-2	Header bracket with clevis pin and fastener
9	041A5047-1	Door bracket with clevis pin and fastener
10	041B0035B	Curved door arm section
11	4178B0034B	Straight door arm section
12	K012B0776	Hanging bracket
13	041-0136	Safety reversing sensor kit (receiving and sending sensors) with 2-conductor bell wire attached. The reversing sensor has a sticker on the back.
14	041-0155-000	Safety reversing sensor bracket
	NOT SHOWN	
	K010A0016	9V battery for wireless keypad
	041A6357-1	Battery Backup
	041A5281-1	Extension Brackets (optional) for safety reversing sensors
	041A7920-2	Installation hardware bag (includes hardware listed on page 9)
	114-5501	Owner's manual

REPAIR PARTS MODELS CMXEOCG572, CMXEOCG772, AND CMXEOCG982

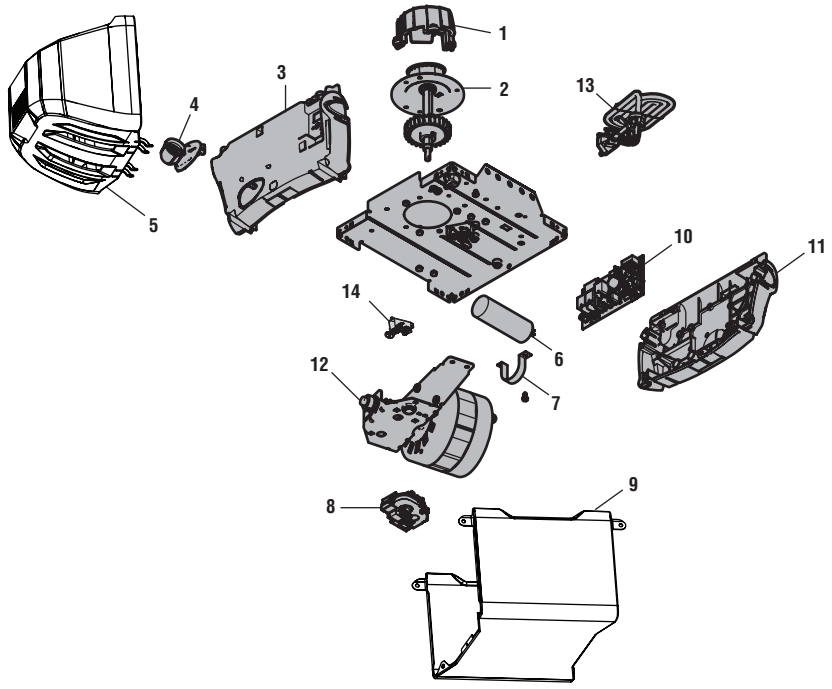
MOTOR UNIT ASSEMBLY PARTS



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	041C1751	Sprocket and Sprocket Cover	9	050DCTB	Receiver Logic Board
2	041-0125	End Panel with Light Socket (Models CMXEOCG572 and CMXEOCG772)	10	041D8071-4	Travel Module
	041-0158	End Panel with Light Socket (Model CMXEOCG982)	11	041B4245-1	Line Cord
3	041-0107	Light Lens	12	041A3150	Terminal Block
4	041C0279	Light Socket			
5	041D0277-1	Transformer (Model CMXEOCG982)		**NOT SHOWN**	
	041D0277-2	Transformer (Models CMXEOCG572 and CMXEOCG772)		041-0120	LED Bulb (Model CMXEOCG982)
6	041-0178	Cover		041D8255	Wire Harness
7	041D8006-1	Motor with Travel Module			
8	041-0143	End Panel for Receiver Logic Board			

REPAIR PARTS MODEL CMXEOCG322

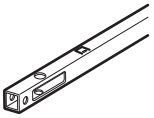
MOTOR UNIT ASSEMBLY PARTS



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	041A4371	Sprocket and Sprocket Cover	9	041-0108	Cover
2	041A4885-4	Gear/Shaft/Drive Pulley Assembly	10	050ACTWF	Logic Board
3	041-0125	End Panel with Light Socket	11	041-0109	End Panel for Receiver Logic Board
4	041C0279	Light Socket	12	041D7440	Motor with Travel Module
5	041-0107	Light Lens	13	041B4245-1	Line Cord
6	K030B0532-1	Capacitor	14	041A3150	Terminal Block
7	K012A0373	Capacitor Bracket			
8	041D7742-7	Travel Module		**NOT SHOWN**	
				041A7946	Wire Harness

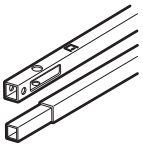
ACCESSORIES

CMXZDCG498 8 Foot (2.4 m) Rail Extension:



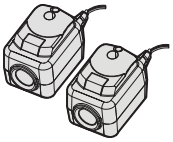
To allow an 8 foot (2.4 m) door to open fully.

CMXZDCG4910 10 Foot (3 m) Rail Extension:



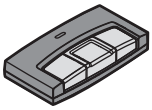
To allow a 10 foot (3 m) door to open fully.

CMXZDCG482 Safety Sensors:



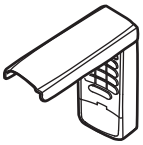
Safety reversing sensor kit (receiving and sending sensors) with 2-conductor bell wire attached.

CMXZDCG453 Remote Control:



Works with ALL CRAFTSMAN openers 1993-Present. Includes visor clip.

CMXZDCG440 Wireless Keypad:



For use outside of the home to enable access to the garage using a 4-digit PIN. Works with ALL CRAFTSMAN openers 1993-Present.

WARRANTY

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

WARRANTY PERIOD				
Model	**Parts**	**Motor**	**Accessories**	**Belt**
CMXEOCG322	1 year	6 years	1 year	5 years
CMXEOCG572	1 year	15 years	1 year	10 years
CMXEOCG772	5 years	Lifetime	1 year	Lifetime
CMXEOCG982	5 years	Lifetime	1 year	Lifetime

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

If, during the limited warranty period, this product appears to contain a defect covered by this limited warranty, call 1-888-331-4569, toll free, before dismantling this product. You will be advised of disassembly and shipping instructions when you call. Then send the product or component, pre-paid and insured, as directed to our service center for warranty repair. Please include a brief description of the problem and a dated proof-of-purchase receipt with any product returned for warranty repair. Products returned to Seller for warranty repair, which upon receipt by Seller are confirmed to be defective and covered by this limited warranty, will be repaired or replaced (at Seller’s sole option) at no cost to you and returned pre-paid. Defective parts will be repaired or replaced with new or factory-rebuilt parts at Seller’s sole option. [You are responsible for any costs incurred in removing and/or reinstalling the product or any component].

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

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

AUTOMATIC GARAGE DOOR OPENER SAFETY & MAINTENANCE GUIDE

GARAGE DOOR OPENER SAFETY – AN AUTOMATIC DECISION

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

Proper installation, operation, maintenance, and testing of the garage door and automatic opener are necessary to provide a safe, trouble-free system. Careless operation or allowing children to play with or use garage door opener controls are also dangerous situations that can lead to tragic results. A few simple precautions can protect your family and friends from potential harm. Please review the safety and maintenance tips in this guide carefully and keep it for reference. Check the operation of your garage door and opener to ensure they function in a safe and trouble-free manner. Be sure to read all Important Safety Information found in your garage door opener's manual as it provides more details and safety considerations than can be supplied with this guide.

GARAGE DOOR OPENERS ARE NOT TOYS

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

Stay away from a moving door.

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

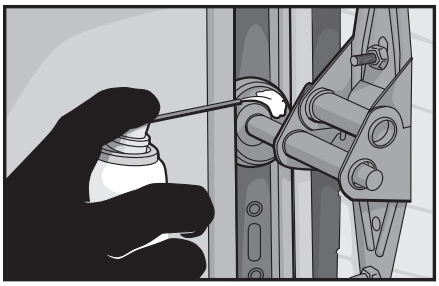
The wall-mounted push button should be out of reach of children, at least 5 feet from the nearest standing surface and away from all moving parts. Mount and use the button where you can clearly see the closing garage door.

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

ROUTINE MAINTENANCE CAN PREVENT TRAGEDIES

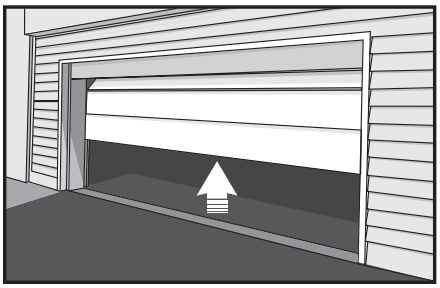
Make monthly inspection and testing of your garage door and opener system a part of your regular routine. Review your owner's manual for both the door and door opener. If you don't have the owner's manuals, contact the manufacturer(s) and request a copy for your specific model (s). Look for the opener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

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



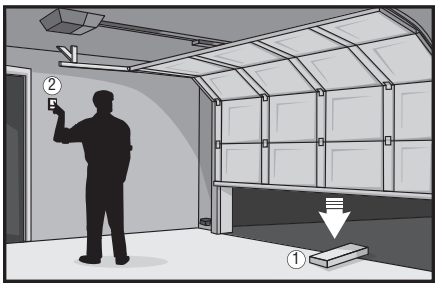
Visually check the door and installation:

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



Test the door for proper operation:

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



Test the opener safety features:

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

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