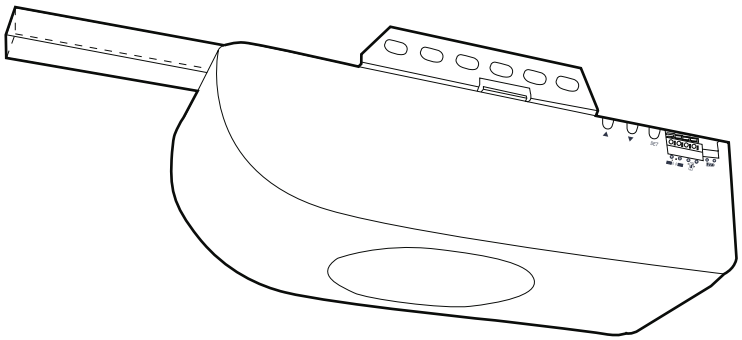
model no. 046-0265-2

Mastercraft®

CHAIN DRIVE GARAGE DOOR OPENER



IMPORTANT:

- Please read this manual and enclosed safety materials carefully!
- Safety infrared sensor MUST BE INSTALLED and aligned properly.
- Periodically testing the opener is required to ensure safe operation.
- Save this manual for future reference.
- This equipment meets or exceeds all federal, provincial and UL325 safety requirements.
- STOP DO NOT RETURN this to the store.
- Please call: 1-800-689-9928.

INSTRUCTION MANUAL

HAVE IT
INSTALLED
1-855-682-HOME (4663)

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NOTE:

- If any parts are missing or damaged, or if you have any questions, please call our toll-free helpline at 1-800-689-9928.

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INTRODUCTION

Congratulations on purchasing the Mastercraft® Chain Drive Garage Door Opener – a garage door opener with many innovative features. Features include: extremely quiet operation with DC motor; automatic force adjustment so the door can be closed with just the right amount of force, not overpowered; and a state-of-the-art safety reversal system that protects your family and property near the door.

Important Safety Information

The documentation provided with your opener has been carefully designed and organized to make the assembly, operation and continued maintenance of your product as easy and safe as possible. Assuring an extended life of this product is based upon the installation, operation, maintenance and testing in strict accordance with the instructions and warnings stated in this manual. Read and follow all guidelines and operating instructions before using this product. Store the manual in a safe and easily-accessible location for future use.

Safety Symbol Overview

⚠ WARNING

This type of warning symbol is used to indicate possible mechanical hazards that may cause serious injuries or death.

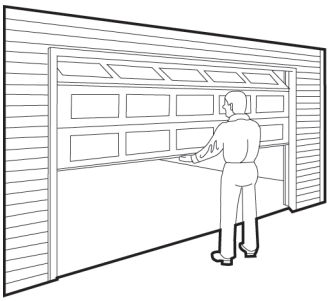
⚠ CAUTION

This type of warning symbol is used to indicate the possibility of damage to the garage door or opener.

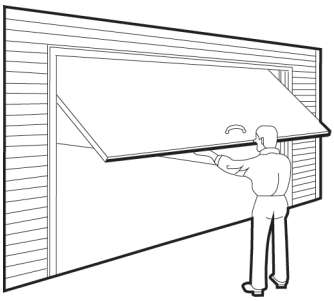
PRE-INSTALLATION CHECKLIST

Check the following items before assembling the opener:

- Identify the door type: sectional door or one-piece jamb door.
- Ensure your garage door is balanced and is not sticking or binding.
- Here is how to check the door balance:
  - ◊ From outside the garage, slowly open the door all the way and close it all the way – DOOR SHOULD NOT BIND OR RUB.
  - ◊ Raise the door halfway up – DOOR SHOULD STAY IN PLACE, SUPPORTED ENTIRELY BY ITS SPRING.



Sectional Door



One-piece Jamb Door

- IMPORTANT: IF THE GARAGE DOOR FAILS EITHER OF THESE TESTS, HAVE A QUALIFIED GARAGE DOOR PROFESSIONAL ADJUST OR REPAIR THE DOOR.
- If the garage door is lightweight (made with frame and skin, not solid), it must be braced or reinforced before installing the opener (including the door frame). Check with a qualified service professional for a door reinforcement kit.
- If you do not have an access door in addition to the garage door, you should install an emergency key release kit.
- If your door is more than 7' (2.1 m) high, you will need a rail extension kit (sold separately).
- With the garage door closed, check alignment of door and garage floor. The gap, if any, should be no more than 1/4" (6 mm). If the gap is larger than this, repair floor or door before installing opener.

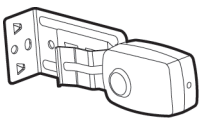
WHAT IS INCLUDED

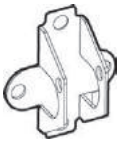
The garage door opener and all accessories are packaged in one carton.
Note that accessories will depend on the model you purchased. If anything is missing, carefully check the packing material.

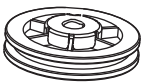
Wall Console

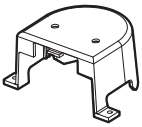
Keychain Remote

Keyless Entry

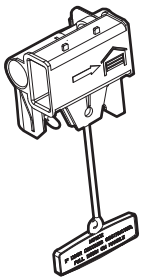

Safety Beam Unit

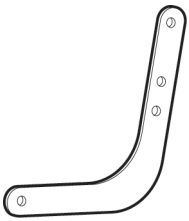

Door / Head Bracket x2

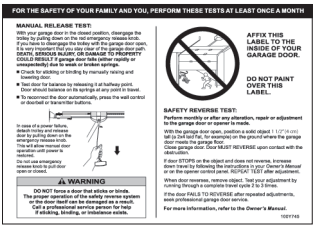

Idler Pulley


Sprocket Cover

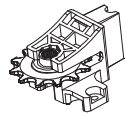
Bell Wire


Trolley Assembly

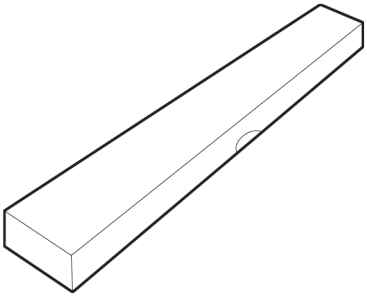

Curved Arm



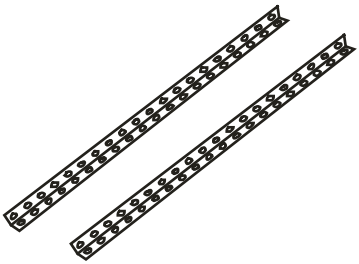
Safety Labels



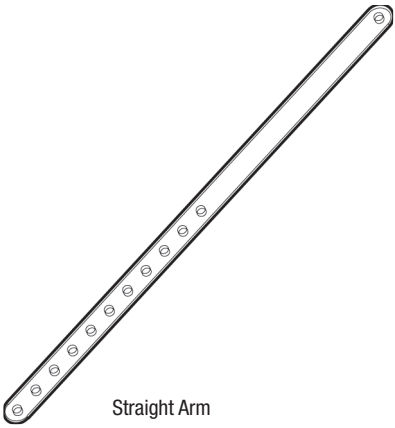
Sprocket Assembly



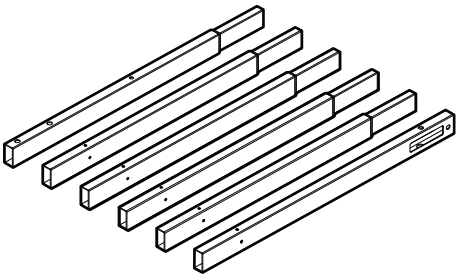
Chain and Cable Assembly



Hanging Bracket



Straight Arm

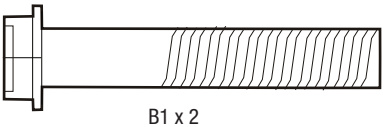


Rail Sections

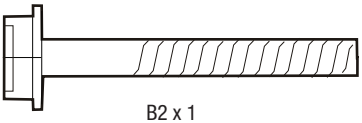
BAG A

A1 x 2
M4 Screw

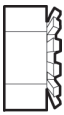
BAG B



B1 x 2
Bolt

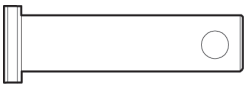


B2 x 1
Bolt



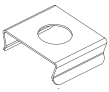
B3 x 1
Locknut

BAG C



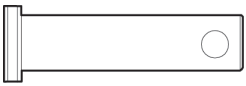
C1 x 1
Clevis Pin

C2 x 1
Hitch Pin



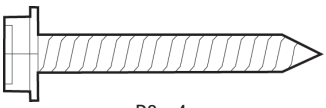
C3 x 2
Spacer

BAG D



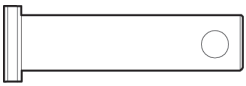
D1 x 1
Clevis Pin

D2 x 1
Hitch Pin



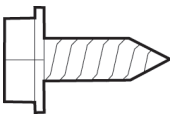
D3 x 4
Lag Screw

BAG E



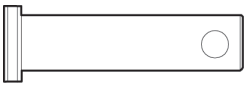
E1 x 1
Clevis Pin

E2 x 1
Hitch Pin

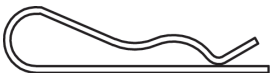


E3 x 2
Self-tapping Screw

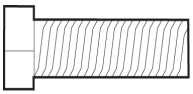
BAG F



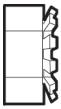
F1 x 1
Clevis Pin



F2 x 1
Hitch Pin

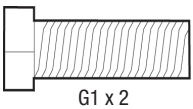


F3 x 2
Bolt

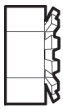


F4 x 2
Locknut

BAG G



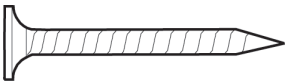
G1 x 2
Bolt



G2 x 2
Locknut

BAG H

H1 x 24
Wire Holder



H2 x 4
Wood Screw

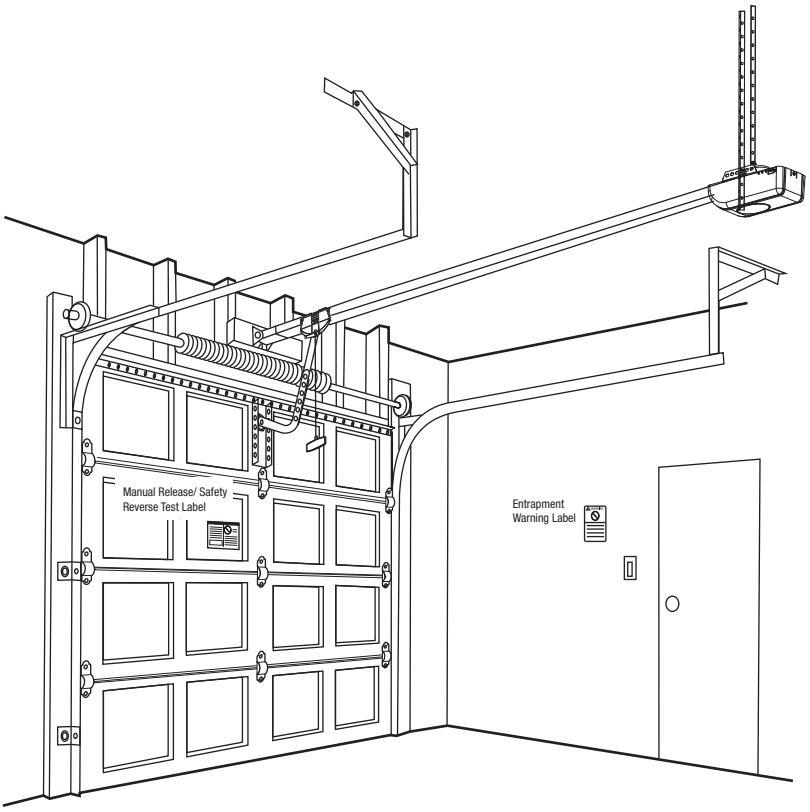
IMPORTANT INSTRUCTIONS

⚠ WARNING

To reduce the risk of severe injury or death:

1. READ AND FOLLOW ALL INSTALLATION INSTRUCTIONS.
2. Check with the door manufacturer to determine if additional reinforcement is required to support the door prior to installation of the garage door opener.
3. Install garage door opener only on a properly balanced garage door. An improperly balanced door could cause serious injury. Have a qualified service professional make repairs to garage door cables, spring assemblies and other hardware before installing the opener.
4. Remove all ropes and disable all locks connected to the garage door before installing opener.
5. Mount the emergency release handle 6' (1.8 m) above floor.
6. Do not connect the opener to source of power until this manual instructs you to do so.
7. Locate the wall console or wall console:
   - I Within sight of the garage door.
   - II Out of reach of children at minimum height of 5' (1.5 m).
   - III Away from all moving parts of the door.
8. Place entrapment warning label on wall next to garage door wall control.
9. Install the Emergency Release Handle on the emergency release rope.
10. Place manual release/safety reverse test label in plain view on inside of garage door.
11. Upon completion of the installation, the door must reverse when it comes in contact with a 1 1/2" (3.8 cm) high object on the floor (or a 2x4 laid flat at the centre of the door) and when the infrared safety beam is blocked.

An overall view of a completed garage door opener system installed on a sectional door. The arrangement is similar for a one-piece jamb door (except for differences described later in this manual).

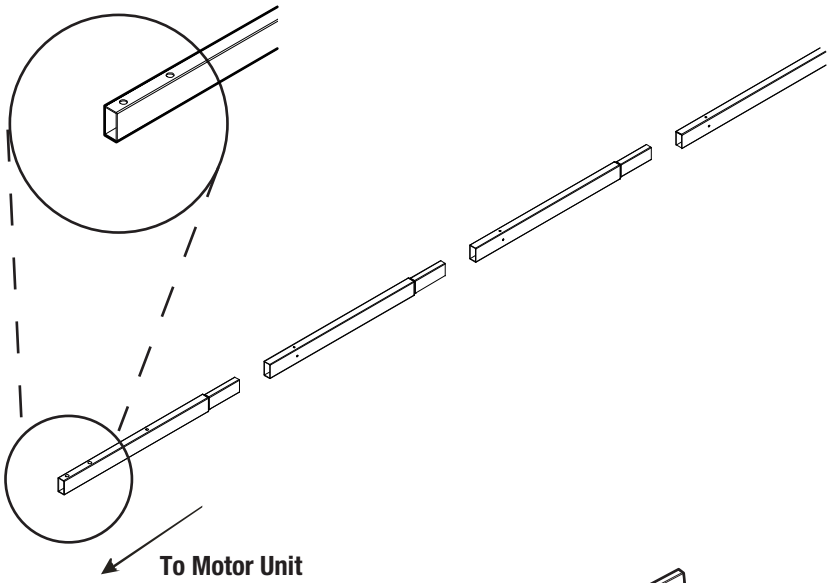


ASSEMBLE THE T-RAIL

❶ Connect the Rail Sections

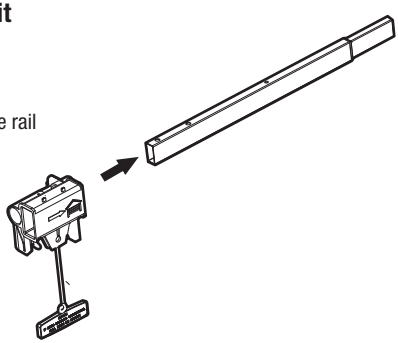
Align the 6 rail sections on the floor. Connect these rails together by sliding the tapered ends into the untapered ones.

All rail pieces must be aligned properly.



❷ Install the Trolley Assembly

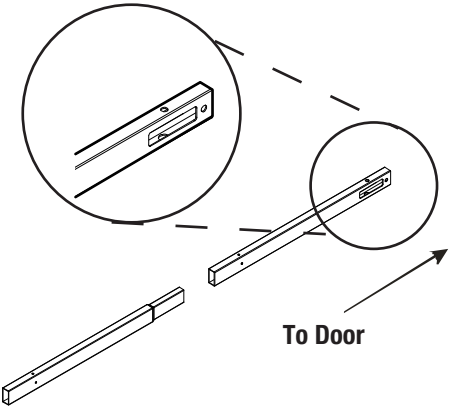
Slide the trolley assembly onto the end of the rail section (motor side).



Please note the " → 🏠 " marking on the trolley which indicates this side toward the door.

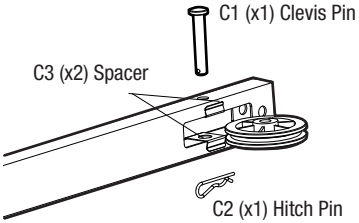
WARNING

- Install the trolley on the proper side of the rail, otherwise it may cause undesired operation.



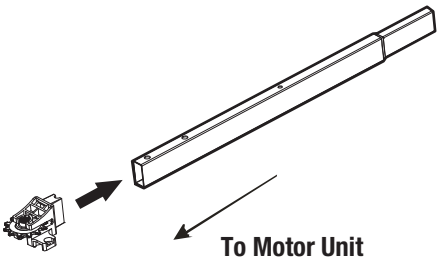
3 Install the Idler Pulley

Insert the two spacers (C3) in the top and bottom of the slot.
Place idler pulley into the slot of the front rail section (to door).
Insert the clevis pin from the top through the rail and pulley and secure with the hitch pin.
Rotate the idler pulley to ensure it can spin freely.



4 Install the Sprocket Assembly

Insert the sprocket assembly into the back rail section (to motor).

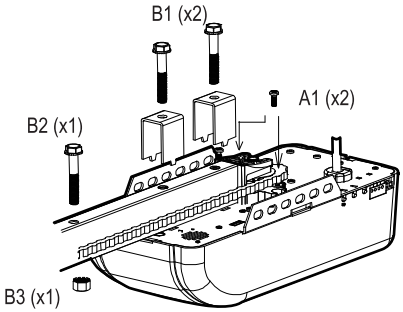


5 Attach the Rail to the Opener

Raise the pulley end of the rail so the rail can sit on the motor unit properly. Insert the sprocket assembly into the shaft of the motor. Attach the sprocket assembly with 2 screws.

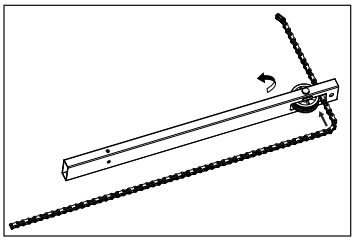
Attach the rail sections with 2 screws and mounting brackets on the motor unit.

Insert a bolt into the stop bolt hole and secure it with nut.



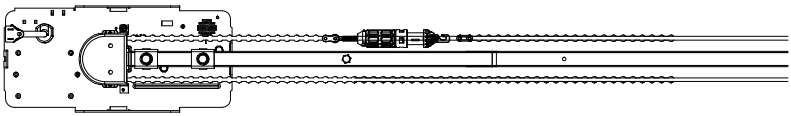
6 Place the Chain on the Pulley

Grasp the end of the trolley guide and pass the chain through the slot of the rail front end. Ensure the chain is in contact with the idler pulley.



7 Align the Chain on the Sprocket

Wrap the chain around the sprocket. The sprocket must engage the chain as shown.

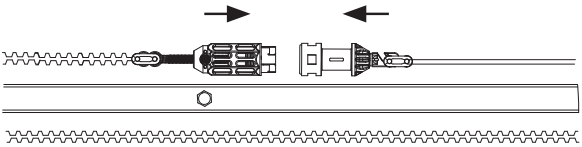


CAUTION

- Use only the specified bolts to attach the T-rail to the opener. Any other bolts will cause serious damage to the opener.

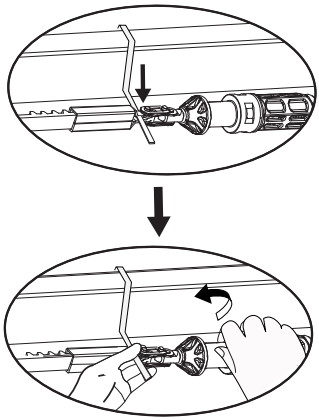
8 Tighten the Chain

Connect the 2 ends of the chain assembly together at the turnbuckle.



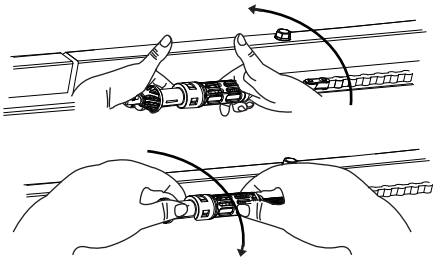
To connect the turnbuckle and threaded shaft, hand tighten the turnbuckle by rotating the turnbuckle only.

Do not rotate the threaded shaft to avoid twisting the chain.



Remove the "U" pin from the turnbuckle after tightening the chain tension properly.

Chain Loosen

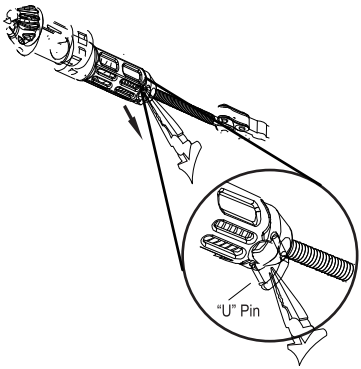


Chain Tighten

Insert the hook (provided) to the belt and then place on the rail.

Hold the hook and hand tighten the turnbuckle by rotating the turnbuckle.

Remove the hook after tightening the belt tension properly.

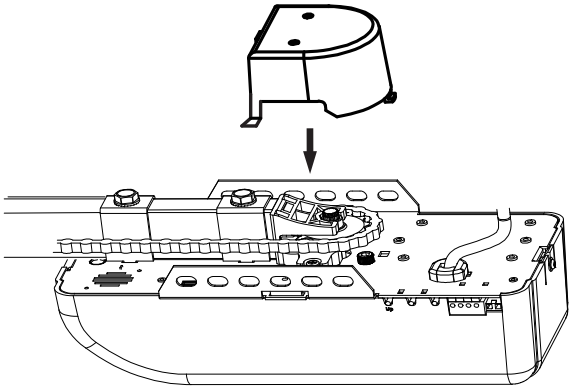


NOTE:

- After completing the installation, you may notice some chain drop with the door fully closed. The chain should return to the position as shown when the door is open.
- Too much or too little tension will cause excessive noise.

9 Attach the Sprocket Cover

Squeeze the cover slightly and insert the 2 tabs on the cover in the slots on the motor unit.

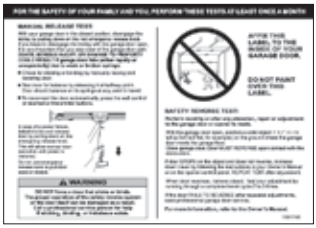


WARNING

- Always keep hand clear of sprocket and chain while operating opener.
- Securely attach sprocket cover before operating.

10 Safety Label

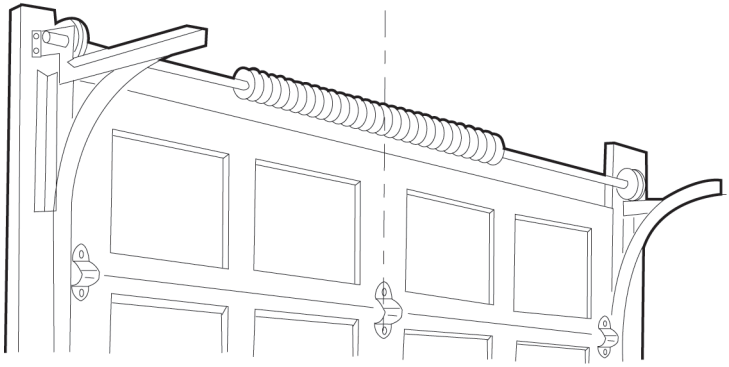
Apply the manual/release safety reverse test label to the inside of the garage door.



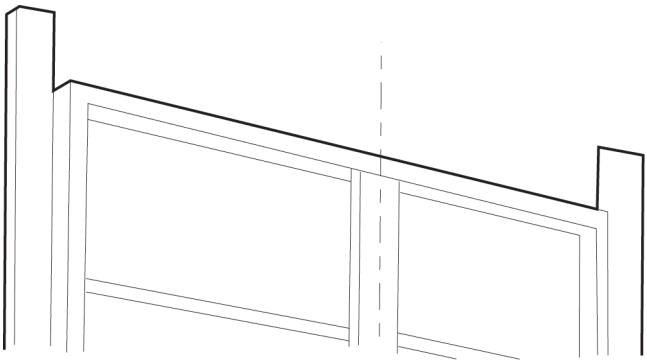
INSTALL THE HEADER BRACKET

1 Mark the Door Centreline

Close the door from inside the garage and mark the vertical centreline of the door on the wall and the top door panel.



Sectional Door

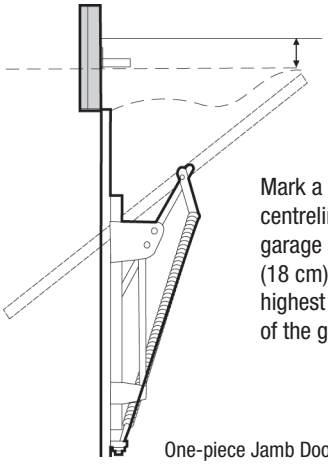


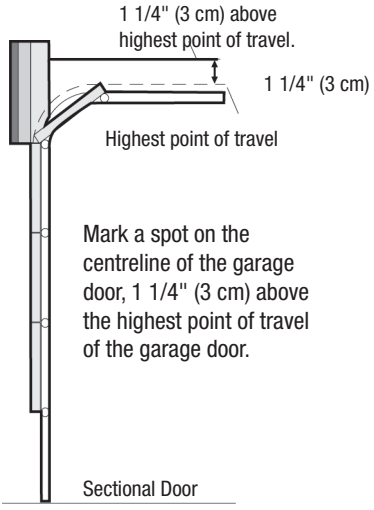
One-piece Jamb Door

WARNING

- Header bracket must be secured to structural supports. If appropriate support does not exist, install a new support using 2x4 board on drywall or between 2 studs with lag screws (not included). DO NOT install header bracket over drywall.
- Concrete anchors must be used if mounting header bracket or 2x4 into masonry.
- 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.

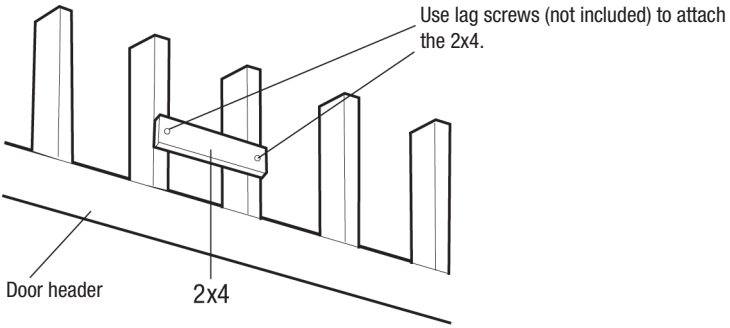
2 Mark Above the Highest Point of Travel





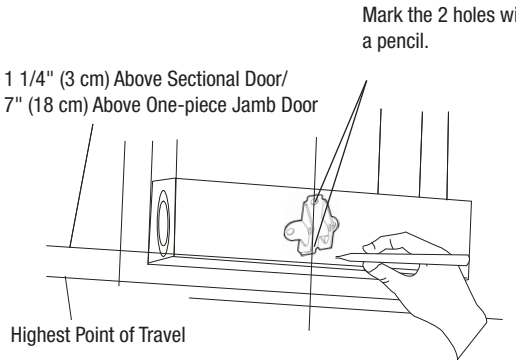
3 Attach a 2x4 (if necessary)

If the calculated position for the header bracket is above the door header, attach a 2x4 between two studs to install the header bracket.

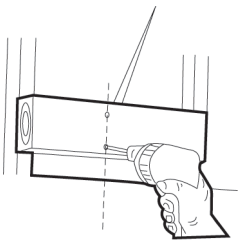


4 Attach the Header Bracket

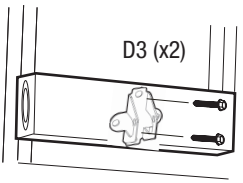
Place the bottom edge of the bracket on the line marked above the highest point of travel.



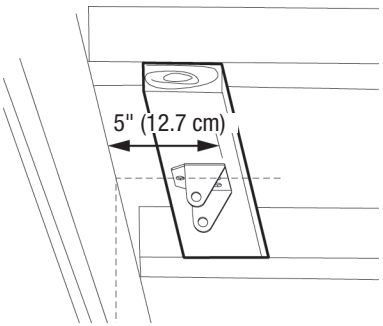
Drill two 3/16" (5 mm) pilot holes.



Attach the header bracket with
2 lag screws provided.



Note the orientation of the header bracket. Do not mount it upside down.

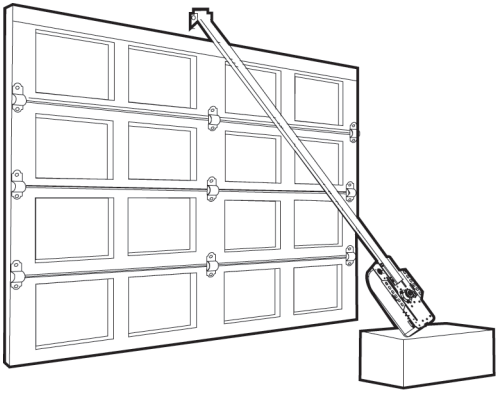


Ceiling Installation

The header bracket may be mounted to the ceiling if there is minimal clearance above the door. If so, extend the centreline to the ceiling. The back edge of the bracket must not be further than 5" (12.7 cm) from the header wall.

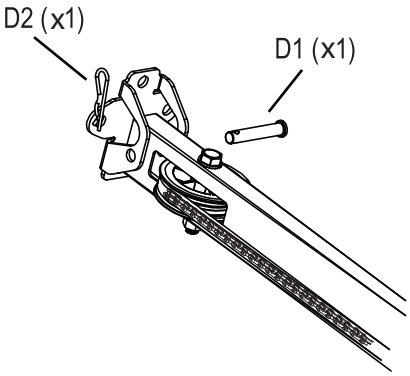
5 Position the Opener

Position the pulley bracket against the header bracket.



Position the opener on the floor with packaging material as protective base.

6 Connect the Rail to the Header Bracket



Align the bracket holes and join with a clevis pin and hitch pin as shown.

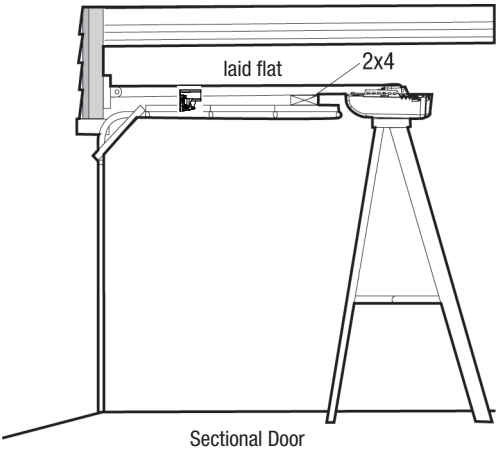
HANG THE OPENER

1 Raise the Opener

Raise the opener onto a stepladder. Use extra spacers on top of the ladder if the ladder is not tall enough.

Carefully raise the door to the fully open position. Be sure the door is clear from the rail or any other part of the opener.

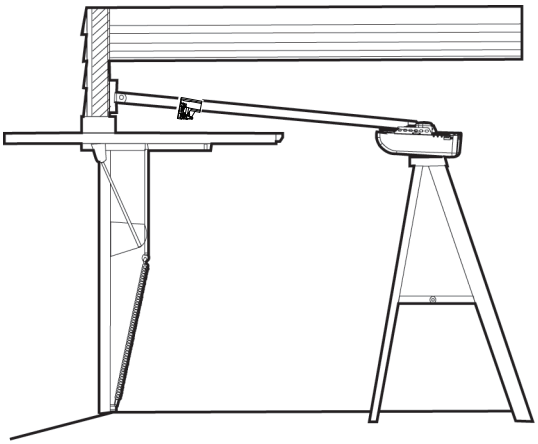
Place a 2x4 laid flat on the top section beneath the T-rail.



Sectional Door

Carefully raise the door to the fully open position so that it is parallel to the floor.

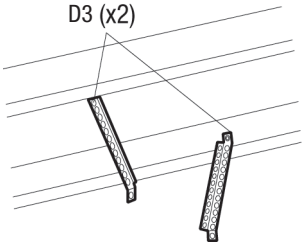
Position the opener so that top of the opener head is level with the top of the opened door.



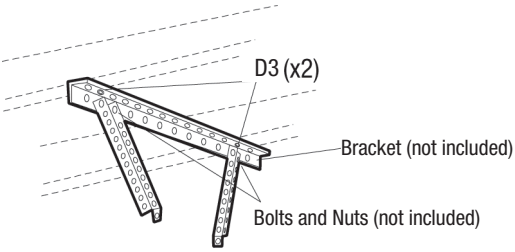
One-piece Jamb Door

2 Attach the Hanging Brackets

Hanging brackets should be angled to provide rigid support. Measure the distance from the motor unit to the structural support. Cut and bend the hanging brackets as required.



For an “open-seam” garage, attach the hanging brackets directly to the joists with 2 lag screws.

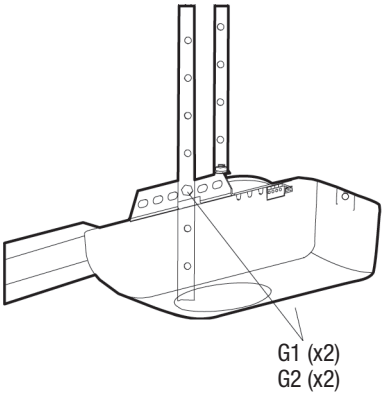


On a finished ceiling, attach a sturdy metal bracket (not included) to structural supports before installing the opener.

3 Attach the Opener to the Hanging Brackets

Attach the opener to the hanging brackets with two bolts and nuts.

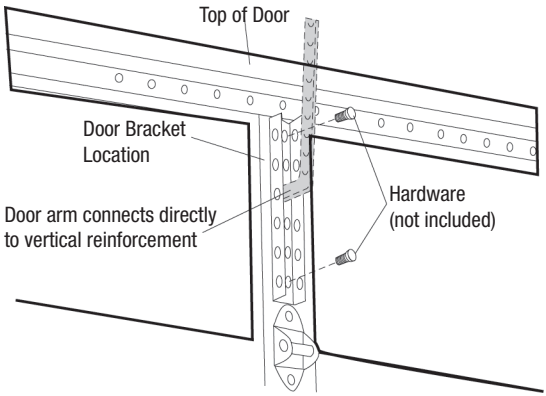
Ensure the T-rail is centred over the door. Remove the 2x4.



WARNING

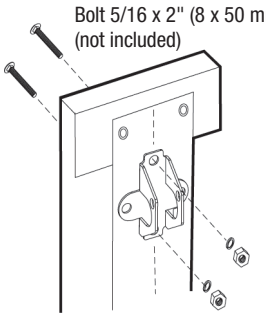
- To avoid possible serious injury from a falling garage door opener, fasten it securely to structural supports of the garage. Concrete anchors must be used if installing any brackets into masonry.

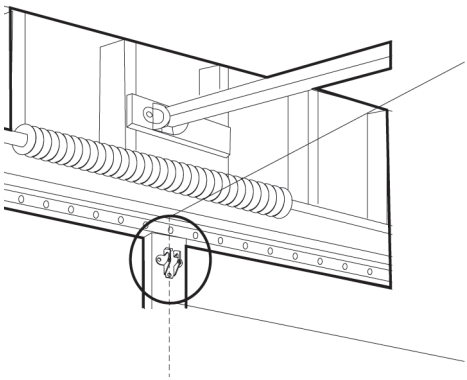
INSTALL THE DOOR BRACKET



Sectional Wood Doors

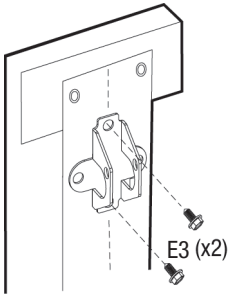
For wood doors, drill 5/16" (8 mm) holes through the door and secure bracket with 5/16 x 2" (8 x 50 mm) carriage bolts, lock washers and nuts (not included).





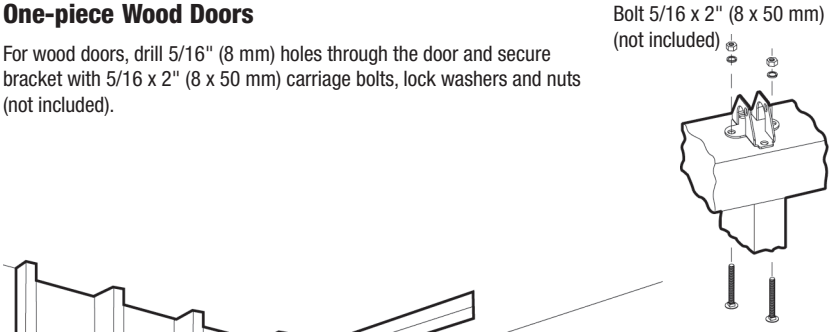
Sectional Metal Doors

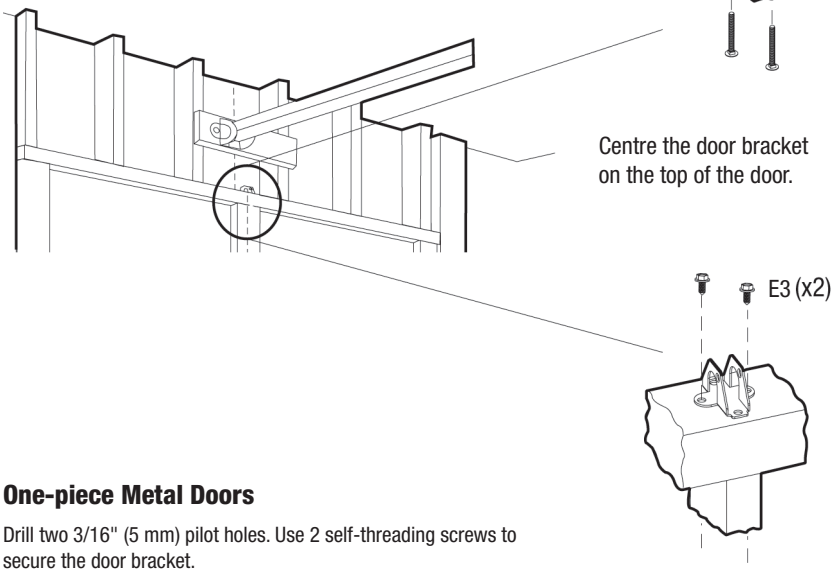
Align the door bracket on the centreline 2 to 4" (5 to 10 cm) below the top edge of the door, or directly below any door structural support.
Drill two 3/16" (5 mm) pilot holes. Use 2 self-threading screws to secure the door bracket.



One-piece Wood Doors

For wood doors, drill 5/16" (8 mm) holes through the door and secure bracket with 5/16 x 2" (8 x 50 mm) carriage bolts, lock washers and nuts (not included).





One-piece Metal Doors

Drill two 3/16" (5 mm) pilot holes. Use 2 self-threading screws to secure the door bracket.

CAUTION

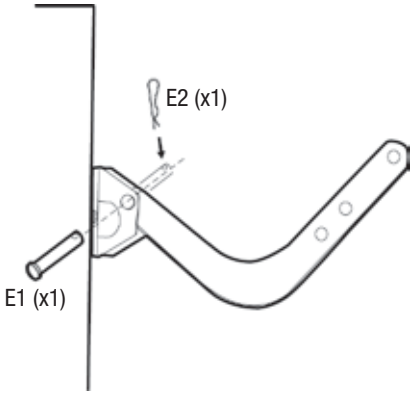
- Lightweight garage doors are not designed for use with garage door opener and must be equipped with a door reinforcement kit. Check with the garage door manufacturer for more information. Many door reinforcement kits provide for direct attachment of the clevis pin and door arm. In this case, you will not need the door bracket. Proceed to “Install the Door Arms” section.

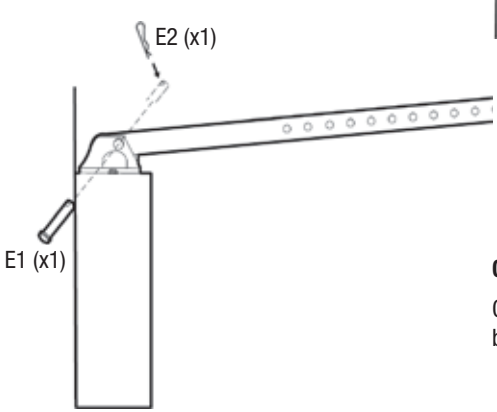
INSTALL THE DOOR ARMS

1 Connect the Door Arm to Door Bracket

Sectional Door

Connect the curved door arm to the door bracket with clevis pin and hitch pin.





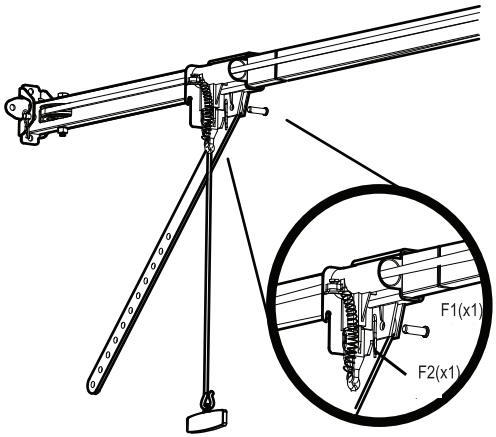
One-piece Jamb Door

Connect the straight arm to the door bracket with clevis pin and hitch pin.

2 Connect the Door Arm to the Trolley

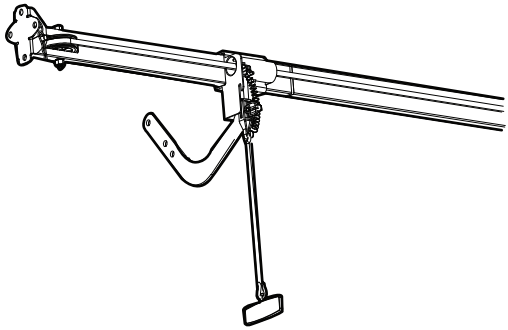
Sectional Door

Connect the straight door arm to the trolley with clevis pin and hitch pin.



One-piece Jamb Door

Connect the curved door arm to the trolley with clevis pin and hitch pin.



NOTE:

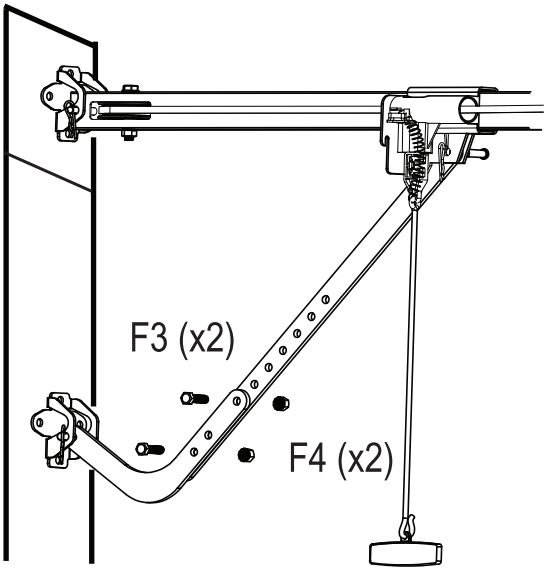
- Emergency release handle should hang 6' (1.8 m) above floor. Adjust rope length if it is necessary.

WARNING

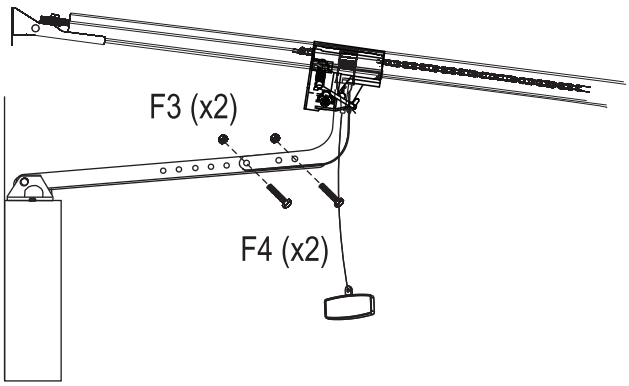
- Use extreme care when pulling release handle. DO NOT use handle to pull door open or closed.
- Never use emergency release handle unless garage doorway is clear of persons and obstructions.

❸ Connect the Door Arms Together

Bring two arms together. Find two pairs of holes that line up and join 2 arms with bolts and nuts. Select holes as far apart as possible to increase door arm rigidity.



Sectional Door

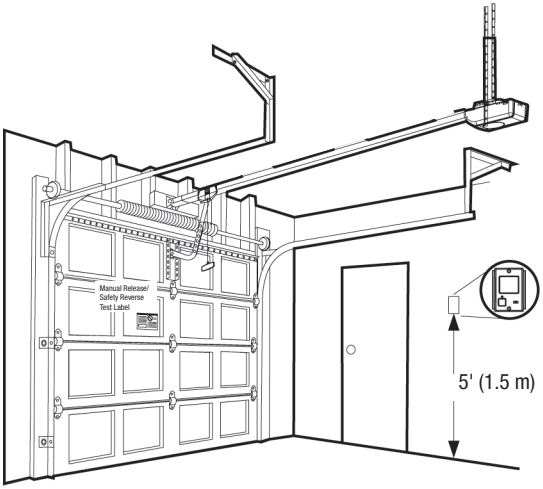


One-piece Jamb Door

INSTALL THE WALL CONSOLE

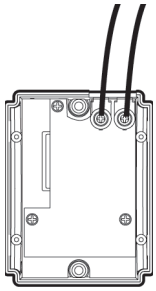
1

Place the wall button or wall console at least 5’ (1.5 m) above the finished floor or the topmost step.



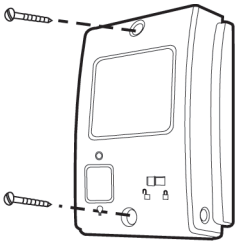
2

Connect the bell wires to the 2 terminal screws. Wires are not polarity sensitive.



3

Secure the wall console with two screws.



WARNING

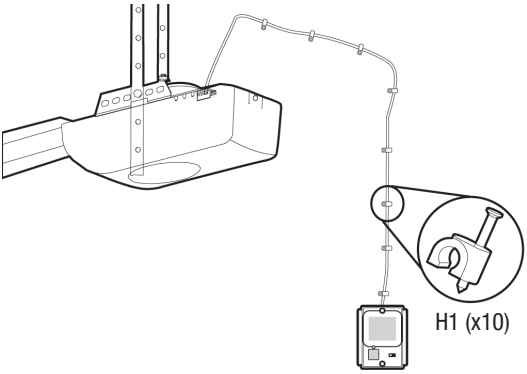
- Wall console must be installed within sight of the garage door, out of reach to children at a minimum height of 5' (1.5 m) and away from all moving parts of door.
- Be sure power is not connected before installing the wall console.
- Wall console should only be activated when door can be seen clearly, 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.

4

Mount the entrapment warning label next to the wall console.

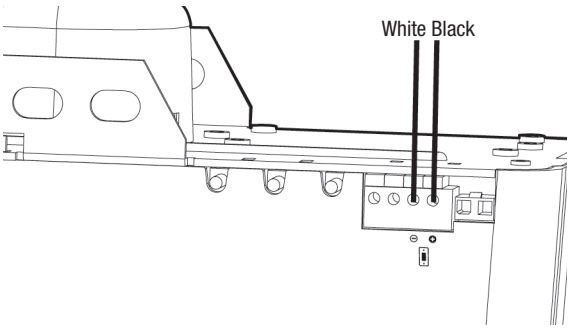
5

Route the wire up the wall and across the ceiling to the opener with wire holders.



6

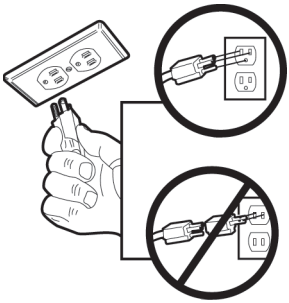
Connect the wires to the terminals.
Wires are not polarity sensitive (either wire to either terminal).

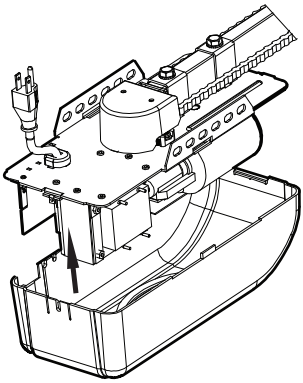


CONNECT THE OPENER TO POWER

1 Connect AC Power

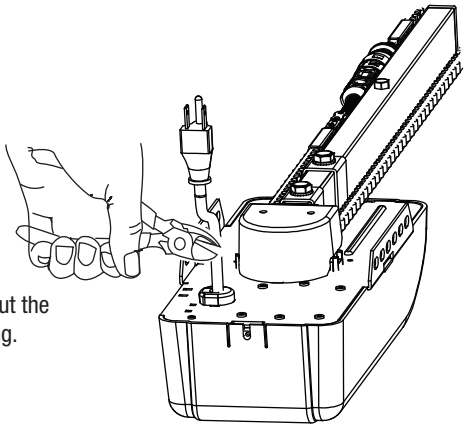
Plug motor unit into grounded outlet. If a grounded outlet is not available, contact a qualified electrician to install a proper outlet. DO NOT ACTIVATE THE OPENER UNTIL INSTRUCTED.





2 Permanent Wiring/Remove Cover

Be sure the power cord is unplugged. Remove the screws from the cover of the opener.



3 Permanent Wiring/ Remove the Power Cord

Be sure the power cord is unplugged. Cut the cord about 6" (15 cm) above the bushing.

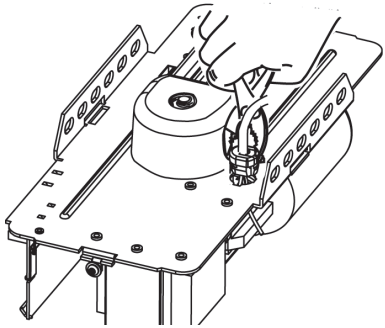
WARNING

If permanent wiring is required by your local code, have a licensed electrical contractor follow the procedures outlined in this manual. Disconnect power to the circuit before removing cover.

- 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 adaptor, or change plug in any way to make it fit outlet. Be sure the opener is grounded.
- The opener has a grounded type plug for your protection and only fits into a grounding type outlet. Do not change the plug in any way.

4 Permanent Wiring/Remove the Bushing

Remove the bushing with pliers

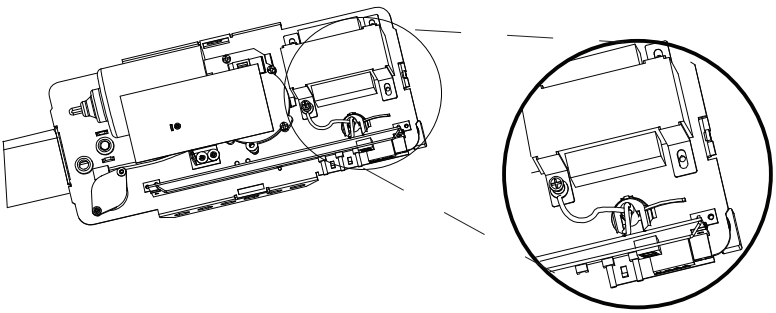


5 Permanent Wiring/Hardwire the Opener

Green – Ground

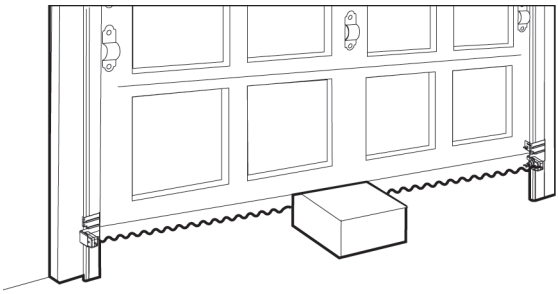
White – Neutral

Black – Hot

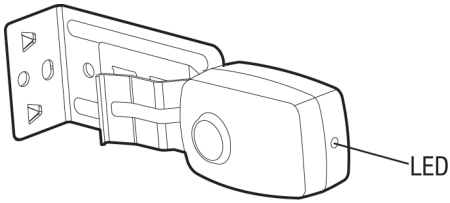


Connect conduit wiring to opener wiring with wire nuts (not included). Install the bottom cover and screws.

INSTALL SAFETY BEAM SENSOR

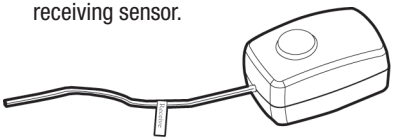


Important Information: The safety beam sensor can detect obstacles in the path of its invisible beam. When the beam is obstructed while the door is closing, the door will stop immediately, reverse to the fully open position and the opener lights will flash. It is important to ensure the invisible infrared is unobstructed by any part of the garage door, tracks, other hardware or objects near the garage door.



1 Identify the Transmitter and the Receiver

The unit with the red LED is the transmitting sensor. The unit with the blue LED is the receiving sensor. Avoid sunlight shining directly into the receiving sensor.



NOTE:

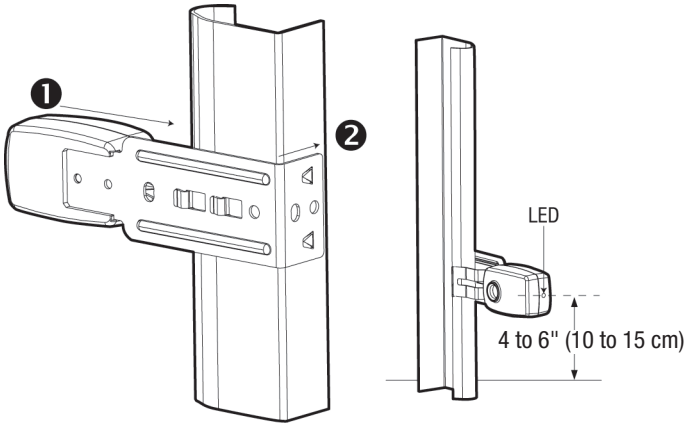
- Receiving sensor is labelled “Receive” on the wire.

WARNING

- Be sure power is not connected to the garage door opener while installing the safety beam sensor.
- The safety beam sensor must be installed and aligned properly.
- This safety device must not be disabled.
- The safety infrared sensor must not be installed higher than 6” (15 cm) above the garage floor.

❷ Mount the Sensor on the Door Track

Clip the mounting bracket onto the garage door track. Ensure the sensor is mounted between 4" (10 cm) and 6" (15 cm) above the ground. Follow the same procedure to install the sensor on the other track ensuring the sensors are facing each other.

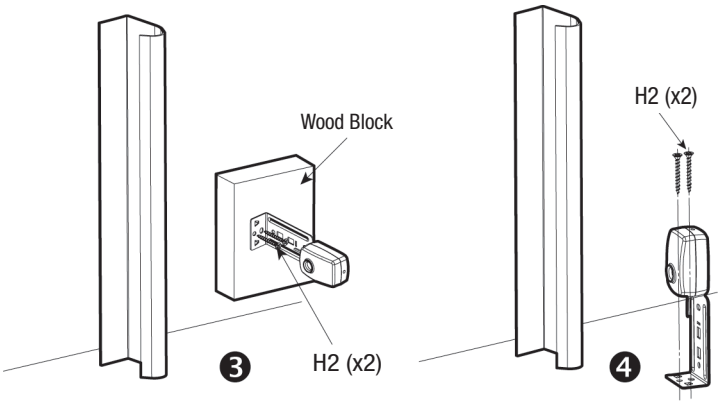


❸ Mount the Sensor on the Wall (Optional)

For wall mounting, use a wooden block to increase depth until there is enough clearance for the sensor beam to be unobstructed.

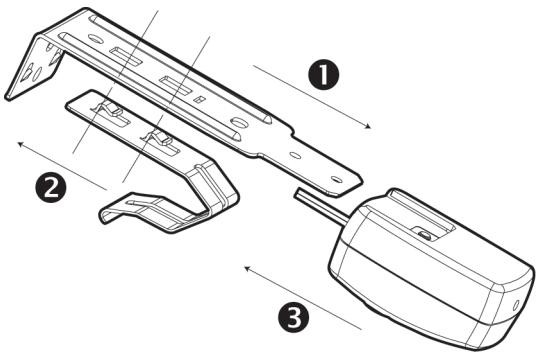
❹ Mount the Sensor on the Floor (Optional)

For floor mounting, use a wooden block to elevate the sensor brackets, if necessary. Ensure the sensor is no higher than 6” (15 cm) above floor. Fasten the screws to the floor with concrete anchors (not included).



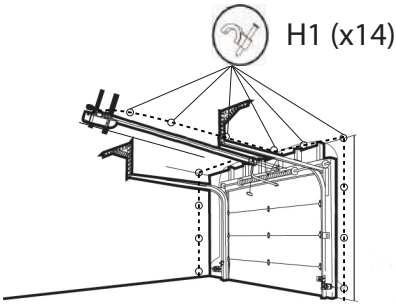
NOTE:
Remove the spring bracket from the mounting bracket if installing to the wall or floor.

1. Slide the sensor from the mounting bracket.
2. Slide the spring bracket from the mounting bracket.
3. Re-install and secure the sensor to the mounting bracket.



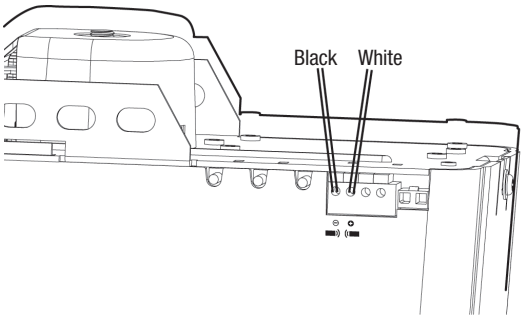
5 Route and Secure the Sensor Wires

Run the wires up the wall, then over to the centre of the door. Secure the wires to the wall with wire holders.



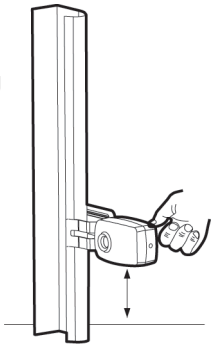
6 Connect the Wires to the Opener

Twist like-coloured wires together. Connect the wires to the safety sensor terminals ▬)) ((▬. Wires are not polarity sensitivity (either wire to either terminal).



7 Check the Safety Beam Sensor LED

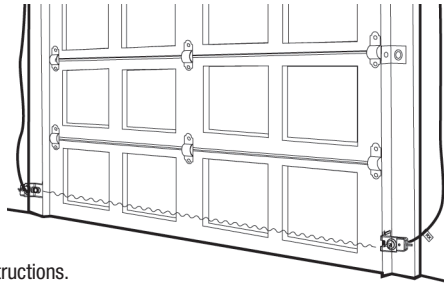
Plug in the opener. The receiving sensor indicator's blue LED should glow steadily if the wiring and alignment are correct. The transmitting sensor indicator's red LED will glow steadily regardless of alignment or obstruction.



Align the sensors

8 Align the Safety Beam Sensor

If the receiver LED is off, dim, or flickering (while the invisible light beam path is not obstructed), alignment is required.



Receiving Sensor (Blue LED)

Blue Light:
On – Beam Aligned. No Obstructions.
Off – Beam Not Aligned Or Obstruction – Sensors Need Alignment.
Dim/Flickering – Sensors Need Alignment.

Transmitting Sensor (Red LED)
Red Light:
On – Power On.
Off – Power Off.

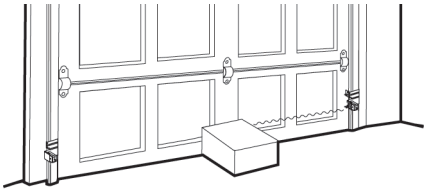
If the blue LED is flashing or off, slide the mounting bracket up or down on the track until the blue LED is steadily on. The tab for the sensor can also be adjusted by a slight bend if needed for alignment.

When properly adjusted both the red and blue LED will be steadily on.

NOTE:
After two minutes the sensors will go into sleep mode and the red and blue LED will flash every 10 seconds. When the door is closing, the sensors will return to normal operation with red and blue LED steadily on.

9 Test with Obstruction

With the sensors properly aligned, place an obstacle in the path of the beam. The transmitting sensor's red LED should be on, the receiving sensor's blue LED should be off. Remove the obstacle, both LEDs should be on steadily.



NOTE:

- Be sure to stay out of the beam's path while aligning.
- The LED in the safety beam sensors will flash in every 10 seconds during standby mode.

NOTE:

If the transmitting sensor LED does not glow steadily, check the following:

I. Power to the opener is connected.

II. A short in the white or white/red wires (from wire holders or at the opener's terminals).

III. Incorrect wiring between sensors and opener.

IV. A broken wire.

If the transmitting sensor LED glows steadily but the receiving sensor LED doesn't glow:

I. Check alignment.

II. Check for an open wire to the receiving sensor.

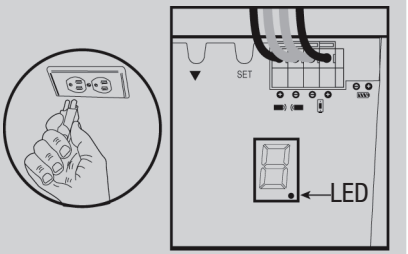
III. Check for dirt on lens, or sun shining into lens.

PROGRAMMING GUIDE

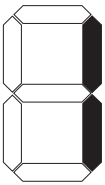
While programming, the ▲ and ▼ buttons can be used to move the door as needed.

A. Set Up Travel Limit and Open/Close Force

1. Connect the opener to an approved power source. The dot in the LED display stays on.



2. Press and hold [SET] button for 5 seconds until the LED display shows the number “1”. Release the [SET] button.
3. Press the ▲ button until the door is in fully open position.
4. Press the [SET] button to confirm the door position.



SET DOOR TRAVEL LIMIT (OPEN/CLOSE)

5. The LED display will show the number “2”.
6. Press the ▼ button until the door is in fully closed position.
7. Press the [SET] button again to confirm.
8. The LED light will flash 3 times when the travel limit settings are completed.

SET DOOR TRAVEL LIMIT (CLOSE/OPEN)

9. The LED display will show the number “3”.
10. Press the wall button to open the garage door to its fully open position.
11. The LED light will flash 3 times.

LEARN DOOR FORCE (OPEN/CLOSE)

12. The LED display will show the number “4”.
13. Press the wall button again to close the garage door to its fully closed position.
14. The LED display will turn off.

LEARN DOOR FORCE (CLOSE/OPEN)

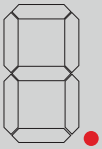
B. Program Remote Control

1. Press the [SET] button for one second. The LED display will show the letter “P”.

LEARN WIRELESS CONTROL

2. Program a Remote:
   Within 30 seconds, press any button on the remote that you would like to program to the opener.

3. Once the button on the remote is programmed, the LED display will turn off and emit one beep indicating the programming has been successful.



LEARN WIRELESS CONTROL

C. Keypad Initial Setup

The factory default PIN is 0000. It will be used during the keypad initial setup.

After you set your own PIN, you will need to use your current PIN instead of 0000 in below steps.

1. FOR SINGLE DOOR:
   - A. Enter 0000 and ✱.
   - B. Enter the new PIN (2 to 8 digit password) and ✱.
   - C. Enter your PIN again and ✱.
     If the new PIN codes are the same, the keypad will beep 3 times.
     If not, it will emit a long beep.
   - D. Press the [SET] button on the opener.
   - E. Within 30 seconds, enter your PIN on the keypad and press #.
   - F. Now enter your PIN and # to open/close the garage door.

2. FOR MULTIPLE DOORS:
   - A. Enter 0000 ✱9# to enable multiple door mode.
     (0000#0# to disable and back to single door.)
     Will beep 2 times to confirm the multiple-door operating mode is enabled.
   - B. Enter 0000 and ✱.
   - C. Enter the new PIN and press ✱.
   - D. Enter your PIN again and press ✱.
   - E. Press the [SET] button on the opener.
   - F. Within 30 seconds, enter your PIN on the keypad and press #1.
   - G Now enter your PIN and #1 to open/close the garage door.

   Repeat steps E to G to program additional doors:
   2nd door: PIN #2, e.g., 1 2 3 4 #2
   3rd door: PIN #3, e.g.,1 2 3 4 #3

NOTE:
- To erase any unwanted remote control, first erase all remotes.

D. Erase all the Remote Controls from Opener

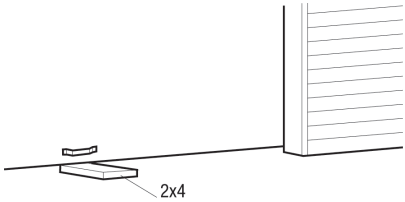
1. Press the [SET] button for 15 seconds. When the LED display flashes “E”, release the [SET] button.
2. Press the [SET] button again to confirm erase all the programmed remotes.
3. The dot in the LED display stays on indicating the erasing has been successful.

ERASE WIRELESS CONTROL (FLASHING)

SAFETY TESTS

Test Safety Reversal System

With the door fully open, place a 1 1/2" (3.8 cm) board (or 2x4 laid flat) on the floor, centred under the garage door. Close the door by pressing the button on the wall console. After making contact with the board, the door should stop then reverse to a fully open position.



If the door fails to reverse:

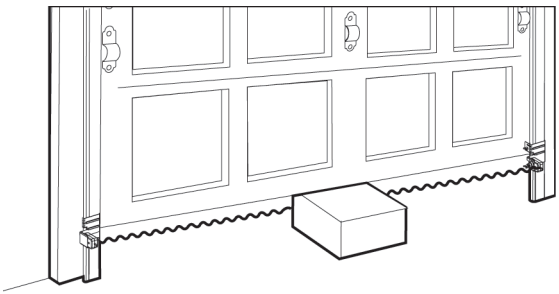
- If the door stops on the obstruction, re-adjust the down travel limit as it is not travelling far enough in the down direction.
- Repeat the test until the door reverses upon striking the obstruction.

Test Safety Beam Sensor System

To test the safety beam sensor system, open the door to the fully open position.

1. Place an obstacle (such as the opener carton) to break the safety infrared beam.
2. Press the push button to close the door.
3. The door should not move more than 1" (2.5 cm), and the opener light will flash. If this does not happen:

- Ensure the safety beam sensors are aligned properly (refer to “Install Safety Beam Sensor System”).
- Ensure the obstacle is breaking the beam by checking the receiving sensor's blue LED is off.
- If everything fails, call for a trained door systems technician.



WARNING

- Without a properly installed safety reversing sensor, persons (particularly small children) could be seriously injured or killed by a closing garage door.

OPERATION

Important Safety Instructions

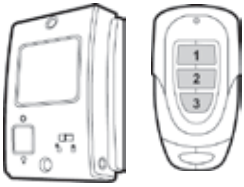
⚠ WARNING

To reduce the risk of severe injury or death:

1. READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY.
2. NEVER let children operate or play with any garage door controls or remote controls. Always keep these controls away from children.
3. Always keep moving door in sight and away from people and objects until it is completely closed. NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR.
4. Only activate garage door when it can be seen clearly, is properly adjusted and there are no obstructions to door travel.
5. NEVER GO UNDER A STOPPED, PARTIALLY OPEN DOOR.
6. Test the door opener monthly. The garage door MUST reverse on contact with a 1 1/2" (4 cm) high object (2x4 laid flat) on the floor. Retest the door opener after adjusting the travel limits. Failure to adjust the opener properly may cause severe injury or death.
7. If possible, use the red emergency release only when the door is closed. Use caution when using this release with the door open. Weak or broken springs may allow the door to fall rapidly, causing severe injury or death.
8. Never use the emergency release rope to pull garage door open or closed. If the rope knot becomes untied, you could fall.
9. KEEP GARAGE DOORS PROPERLY BALANCED (see Garage Door Opener Maintenance). An improperly balanced door could cause severe injury or death. Have a qualified service professional make repairs to cables, spring assembly and other hardware.
10. Disconnect the electrical power to the garage door opener before making any repairs or removing the housing cover.

SAVE THESE INSTRUCTIONS.

Operating the Door



Activate your opener by:

- Pressing the wall console.
- Pressing the assigned button on the remote control.

Depending on the status of the garage door opener and the position of the garage door, the garage door opener behaves in different ways:

- If the door is closed, activating it will open the door.
- If the door is open, activating it will close the door.
- If the door is closing, activating it will stop the door.
- If the door is opening, activating it will stop the door.

If the door is obstructed:

- While opening, the door will stop.
- While closing, the door will reverse.
- The opener light will flash.

Opener Light

The opener light will turn on:

- When the opener is plugged in (light will turn off automatically after 3 minutes).
- When the opener is activated (light will turn off automatically after 3 minutes).
- When the light button is pressed on the wall console.

You can manually turn on and off the light with the wall console.

Remote Control

To activate the opener with the remote control, hold down the button until the door begins to move. When the button is pressed, the light indicator on the remote will flash. For remotes with multiple buttons, press the button programmed to the desired operation.

Keypad Operation

Single Door Operation: Enter the pin code [default 0000] plus [#].

For example: 1 2 3 4 #.

Multiple Doors Operation: Enter the pin code plus [#] plus [door number].

For example:

Door 1: 1 2 3 4 # 1

Door 2: 1 2 3 4 # 2

Door 3: 1 2 3 4 # 3

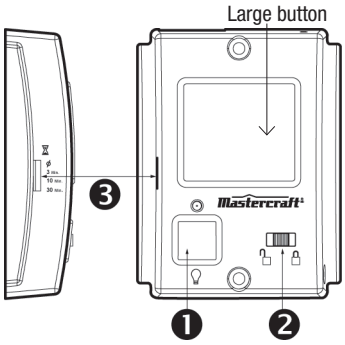
Door 4: 1 2 3 4 # 4

Mastercraft® Garage Door Opener Deluxe Wall Console (046-0508-6)

Press the large button on the wall console to activate the garage door opener.

On the wall console there are 3 additional features:

1. Light feature.
2. Lock feature.
3. Door closer timer.



Light Feature:

The light button can be used to turn the opener light on or off. The automatic timer is ignored—the light will remain on until the button is pressed again.

Lock Feature:

The lock button (also known as vacation button) can be used to lock out all remote control transmitters. The door can still be activated by wall console. Simply slide the switch to the locked position and the opener will ignore all the radio signals. To unlock, slide the switch to the unlocked position.

Door Closer Timer:

The opener has the option to program how long until the door closes automatically after it has been opened. To change the setting of this timer, there is a slide switch on the side of the wall console.

Slide switch position	Function
⌀	Door Closer Timer Disabled.
3	The door will close automatically after 3 minutes.
10	The door will close automatically after 10 minutes.
30	The door will close automatically after 30 minutes.

NOTE:

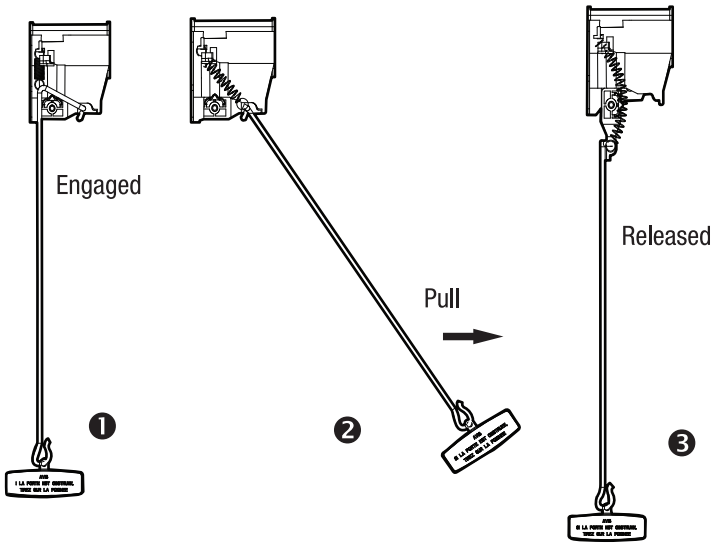
- With the door closer timer enabled, the opener will beep every 10 seconds when the door is opened. The beeping rate will increase as the timer is runs out, indicating the door is about to close.

To Open the Door Manually

In case of a power failure, or if the door becomes obstructed, pull the red trolley release handle to disengage the opener from the door.

Flip the trolley release level up and raise or lower the door to re-engage the opener.

Use caution: if the door is open while disengaging, the door may drop.



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 the rope knot becomes untied, you could fall.

MAINTENANCE

Once a Month

- Test the door balance. Manually operate door. If it is unbalanced or binding, call a trained door systems technician.
- Check to be sure door opens and closes fully. Adjust limits and/or force if necessary.
- Test both the safety reversal system and the safety beam sensor system as shown on page 42 of this manual.

Once Every Six Months

- Check the chain tension. Turnbuckle should be slightly above the rail. Adjust chain tension as shown on page 15 of this manual.

Once a Year

- Oil the door rollers, bearings and hinges.

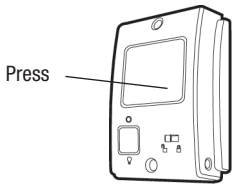
Automatic Opening/Closing Force Adjustment

The opener will adjust the opening and closing force automatically so it operates at the most efficient setting. To allow the opener to adjust the opening and closing force automatically, operate the opener once after setting travel limits.

To operate the opener:

- Press the push button to open the door, until it reaches the fully open position.
- Press the push button to close the door completely, until it reaches the fully closed position.

You have now finished setting the opening and closing force.



NOTE:

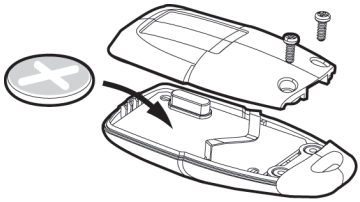
- After adjusting the Up/Down travel limits, the opener will re-adjust its opening and closing force during the first opening and closing cycle. Therefore, it is important to pay attention not to obstruct the door during the first opening and closing cycle after adjusting the travel limits. The opener has now finished adjusting the opening and closing force.
- During the force adjustment, do not obstruct the door's travel or the safety beam sensor.

In order to readjust the opening/closing force, you must first enter travel limit adjustment. Force adjustment will proceed automatically after travel limit adjustment sequence.

Battery Replacement

All remotes come with battery installed. To replace the battery, follow the instructions below.

It is time to change the battery when the red LED light on the remote does not turn on when either button is pressed.



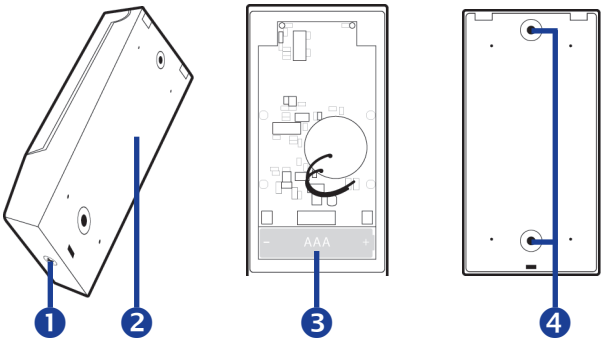
Lithium battery CR-2032 included (positive side up).

To replace the battery:

1. Undo the two screws on the back of the remote. The bottom case will then come off.
2. Take out the old battery.
3. Place the new battery in position.
4. Close the cover and reinsert two screws.

Install Keypad and Battery

1. Undo the screw on the bottom side of the keypad.
2. Remove the back plate.
3. Insert a AAA battery (1.5 V alkaline type).
4. Mount the back plate with the mounting accessories.
5. Attach the keypad on the back plate and tighten the screw on the bottom of the keypad.



WARNING

To prevent possible serious injury or death:

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

Battery Disposal:

- Please dispose of the used battery per municipal or provincial law.

TROUBLESHOOTING

LED Light Flashing	LED Display Flashing	Symptom	Solution
3 Flashes		The wall console is in lock mode. The remote controls are deactivated.	• Unlock the wall console.
5 Flashes		Overtime. The motor is running continuously over 30 seconds in one direction.	• Ensure the opener is correctly installed and attached to the garage door. • Adjust the travel limit to let the opener open or close the door within 30 seconds.
10 Flashes		Safety beam sensor blocked.	• Check if the safety beam sensor is misaligned. • Check if any obstacle is interfering with the beam path.
15 Flashes		The door is not fully open or fully closed.	• Check if something is obstructing the door. • Re-adjust the travel limits. • Re-adjust the opening and closing force.
Continuous Flashing		Wall console wire shorted.	• Check the wall console wires for a short.

Opener does not operate from either wall console or remote.	• Check the opener's AC outlet has power. Plug a lamp into the outlet to check. If it does not turn on, check fuse box or circuit breaker. • Check the wall console wiring at the wall console's and opener's terminals, and be sure the remote is programmed into the opener.
Opener tries to operate, but the door does not move.	• A door spring may have been broken. Visually inspect the door hardware for any broken springs. Have a qualified garage door service professional repair the door if any door hardware is broken. • In cold weather climates, check that the door is not frozen to the ground or that snow build-up is not blocking the door.

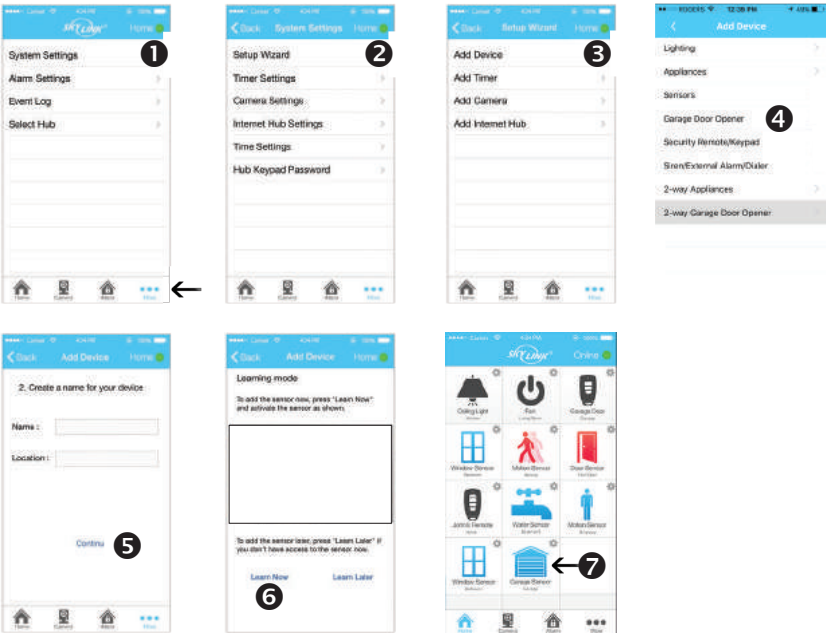
Opener operates from remote but not from wall console.	• Ensure the wiring connections are correct. • Is the wall console lit? If not, disconnect low voltage wires to wall button and momentarily touch them together. If opener runs, replace wall button. If not, check wiring connections at opener and check wire for shorts or breaks under wire holder.
Opener operates from wall console but not remote.	• Is the wall console in lock mode? • Does remote indicator light glow when remote button is pressed? If not, replace the battery. • Has the opener learned the code of the remote? Repeat remote programming steps on pages 39.
Door does not open completely.	• Is something obstructing the door? Remove obstructions after ensuring the door area is free of persons and any other objects. • If door has been working properly but now doesn't open all the way, reset the travel limit adjustment. Be sure to run a complete opening and closing cycles to reset the force adjustment as well. Follow instructions on page 38.
Door does not close completely.	• Is something obstructing the safety beam sensor? Ensure the receiving beam sensor's LED is on. • Is something obstructing the door? Remove obstructions after ensuring the door area is free of persons and any other objects. • If the door has been working properly but, now, doesn't open all the way, reset the travel limits. Be sure to run a complete opening and closing cycle to reset the force adjustment. Follow instructions on page 38.
Opener light stays on.	• It is normal for the opener's light to stay on for about 3 minutes after each activation. • If the opener's light was turned on by the light button on the wall console, it will stay on until the light button is pressed again to turn the light off.
Opener activates by itself.	• Check all remotes programmed into the opener. Check for items pressing on any remote's button. • If a remote has been stolen, erase the opener's memory (refer to page 41 to prevent the lost remote from activating the opener. Reprogram the remaining remotes into the opener (refer to page 40). • Check the wiring between the wall console and the opener. Look for any wire holder that has cut into the wire's insulation, or wire that has been pinched by another object. Replace any bad wiring. • Examine the wiring at the opener's terminals and at the wall console's terminals. Look for any wire strands that are close to or touching adjacent terminals.

Door reverses for no apparent reason.	• The door hardware may be binding causing the close door force setting to be exceeded. Disengage the trolley and manually check the door movement and balance. Lubricate the door hardware as recommended by the garage door manufacturer. • Re-adjust the travel limits and force adjustments to ensure the automatic force adjustment are set properly. • Ensure the safety beam sensor is securely fastened and no sunlight is shining directly onto the receiving sensor.
Opener is noisy.	• Adjust the chain tension (refer to page 15). • Lubricate the door hardware as recommended by the garage door manufacturer.
Opener won't work due to power failure.	• Use the emergency release handle to disconnect the opener from the door. The door can be opened or closed manually until power is restored.

OPTIONAL: PROGRAMMING

To SKYLINKNET ™ Internet Hub (046-0510-8; Sold separately)

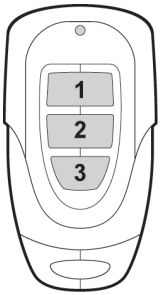
1. Open SkylinkNet App and tap on “System Settings”.
2. Tap on “Set-up Wizard”.
3. Tap on “Add Device”.
4. Tap on “Garage Door Opener”.
5. Name your garage door opener and location and tap on “Continue”.
6. Press the [SET] button on the GDO for 1 second until LED shows [P]; then, tap on “Learn Now”.
7. Tap on GDO icon to open/close the door. The icon shows the status of the door.



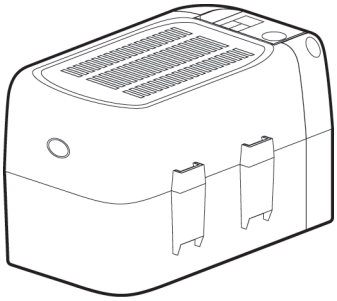
NOTE:

- Internet hub is not included.

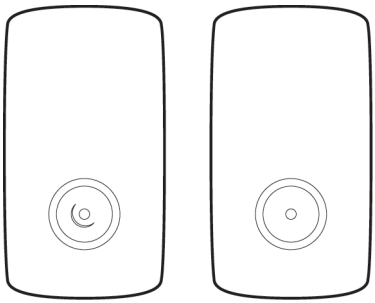
ACCESSORIES



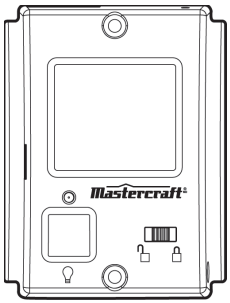
Mastercraft® GARAGE DOOR OPENER
COMPACT REMOTE
Model no. 046-0507-8



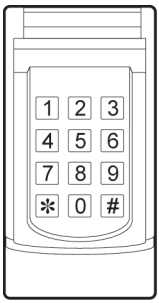
Mastercraft® GARAGE DOOR OPENER
BACKUP BATTERY
Model no. 046-0504-4



Mastercraft® GARAGE DOOR OPENER
INFRARED SAFETY SENSORS
Model no. 046-0505-2



Mastercraft® GARAGE DOOR OPENER
PROGRAMMABLE LCD WALL CONSOLE
Model no. 046-0509-4



Mastercraft® GARAGE DOOR
KEYLESS ENTRY SYSTEM
Model no. 046-0506-0

FCC

This device complies with Part 15 of the FCC Rules. 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.

Warning:

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

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. 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.

Tested To Comply
With FCC Standards

LIMITED WARRANTY

The motor on this Mastercraft product carries an 8 (eight) year LIMITED warranty against defects in workmanship and materials. The parts, including the rail, chain parts, and chain, carry a 2 (two) year LIMITED warranty. The accessories carry a 1 (one) year LIMITED warranty. This product is not guaranteed against wear or breakage due to misuse and/or abuse.

Made in China

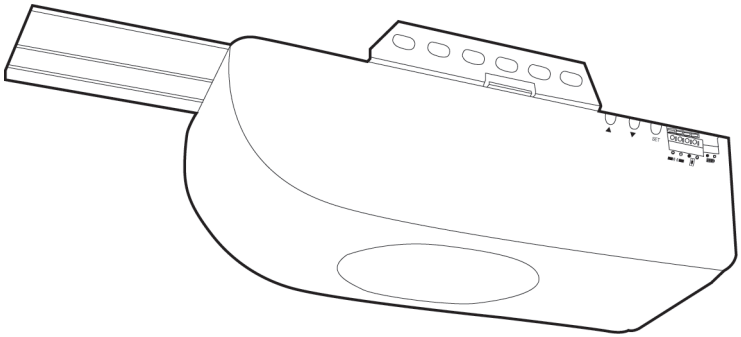
Imported for

Mastercraft Canada Toronto, Canada M4S 2B8

model no. 046-0265-2

Mastercraft®

CHAIN DRIVE GARAGE DOOR OPENER



IMPORTANT:

- Please read this manual and enclosed safety materials carefully!
- Safety infrared sensor MUST BE INSTALLED and aligned properly.
- Periodically testing the opener is required to ensure safe operation.
- Save this manual for future reference.
- This equipment meets or exceeds all federal, provincial and UL325 safety requirements.
- STOP DO NOT RETURN this to the store
- Please call: 1-800-689-9928.

INSTRUCTION MANUAL

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NOTE:

- If any parts are missing or damaged, or if you have any questions, please call our toll-free helpline at 1-800-689-9928.

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INTRODUCTION

Congratulations on purchasing the Mastercraft® Chain Drive Garage Door Opener – a garage door opener with many innovative features. Features include: extremely quiet operation with DC motor; automatic force adjustment so the door can be closed with just the right amount of force, not overpowered; and a state-of-the-art safety reversal system that protects your family and property near the door.

Important Safety Information

The documentation provided with your opener has been carefully designed and organized to make the assembly, operation and continued maintenance of your product as easy and safe as possible. Assuring an extended life of this product is based upon the installation, operation, maintenance and testing in strict accordance with the instructions and warnings stated in this manual. Read and follow all guidelines and operating instructions before using this product. Store the manual in a safe and easily-accessible location for future use.

Safety Symbol Overview

⚠ WARNING

This type of warning symbol is used to indicate possible mechanical hazards that may cause serious injuries or death.

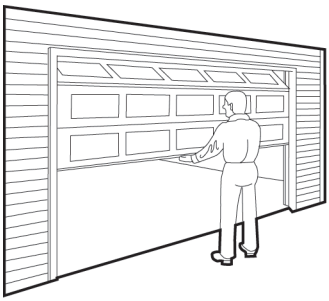
⚠ CAUTION

This type of warning symbol is used to indicate the possibility of damage to the garage door or opener.

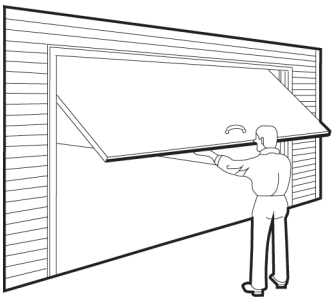
PRE-INSTALLATION CHECKLIST

Check the following items before assembling the opener:

- Identify the door type: sectional door or one-piece jamb door.
- Ensure your garage door is balanced and is not sticking or binding.
- Here is how to check the door balance:
  - ◊ From outside the garage, slowly open the door all the way and close it all the way – DOOR SHOULD NOT BIND OR RUB.
  - ◊ Raise the door halfway up – DOOR SHOULD STAY IN PLACE, SUPPORTED ENTIRELY BY ITS SPRING.



Sectional Door



One-piece Jamb Door

- IMPORTANT: IF THE GARAGE DOOR FAILS EITHER OF THESE TESTS, HAVE A QUALIFIED GARAGE DOOR PROFESSIONAL ADJUST OR REPAIR THE DOOR.
- If the garage door is lightweight (made with frame and skin, not solid), it must be braced or reinforced before installing the opener (including the door frame). Check with a qualified service professional for a door reinforcement kit.
- If you do not have an access door in addition to the garage door, you should install an emergency key release kit.
- If your door is more than 7' (2.1 m) high, you will need a rail extension kit (sold separately).
- With the garage door closed, check alignment of door and garage floor. The gap, if any, should be no more than 1/4" (6 mm). If the gap is larger than this, repair floor or door before installing opener.

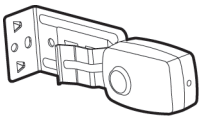
WHAT IS INCLUDED

The garage door opener and all accessories are packaged in one carton.
Note that accessories will depend on the model you purchased. If anything is missing, carefully check the packing material.

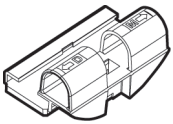
Wall Console

Keychain Remote

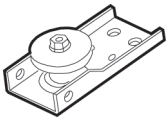
Keyless Entry



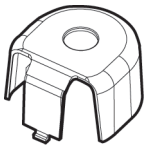
Safety Beam Unit



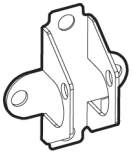
Trolley



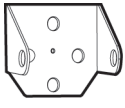
Pulley Assembly



Sprocket Cover

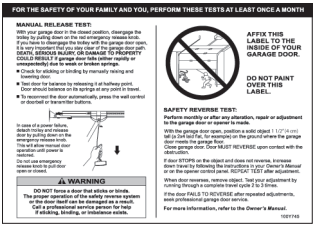


Door Bracket

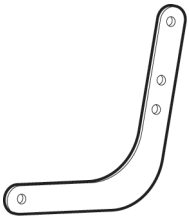


Head Bracket

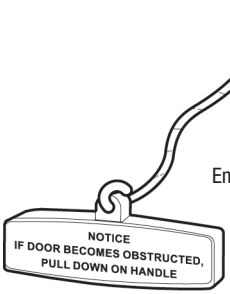
Bell Wire



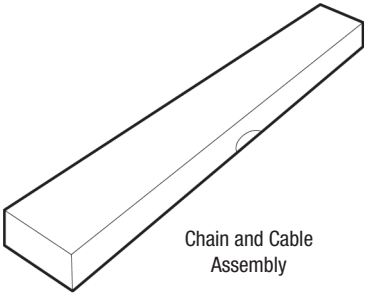
Safety Labels



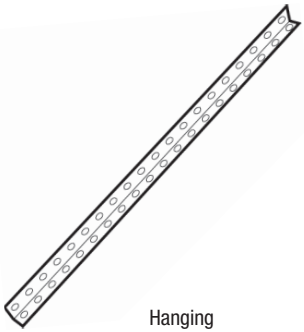
Curved Arm



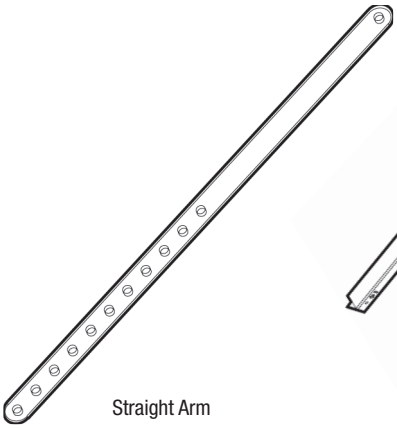
Emergency Release Rope



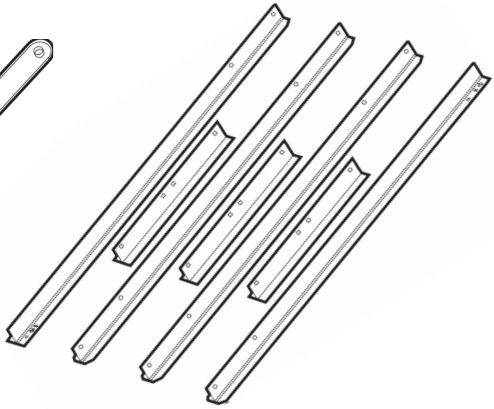
Chain and Cable Assembly



Hanging Bracket

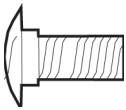


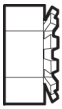
Straight Arm

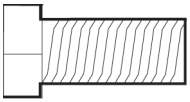


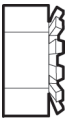
Rail Sections

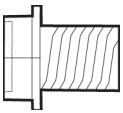
BAG A


A1 x 12
Carriage Bolt

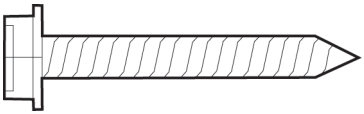

A2 x 12
Locknut

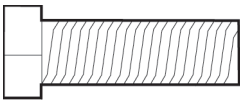

A3 x 2
Bolt

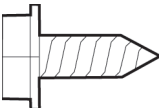

A4 x 3
Locknut

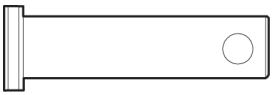

A5 x 3
Flange Bolt

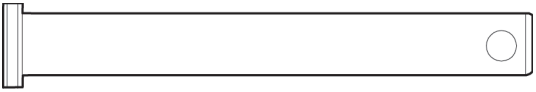
BAG B


B1 x 4
Lag Screw

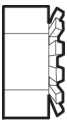

B2 x 4
Bolt


B3 x 2
Self-tapping Screw


B4 x 1
Clevis Pin


B5 x 1
Clevis Pin

B6 x 3
Hitch Pin

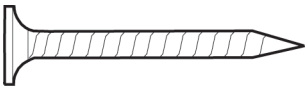

B8 x 4
Locknut

B9 x 1
Clevis Pin

BAG C

C2 x 4
Wire Clip

C3 x 20
Wire Holder


C5 x 4
Wood Screw

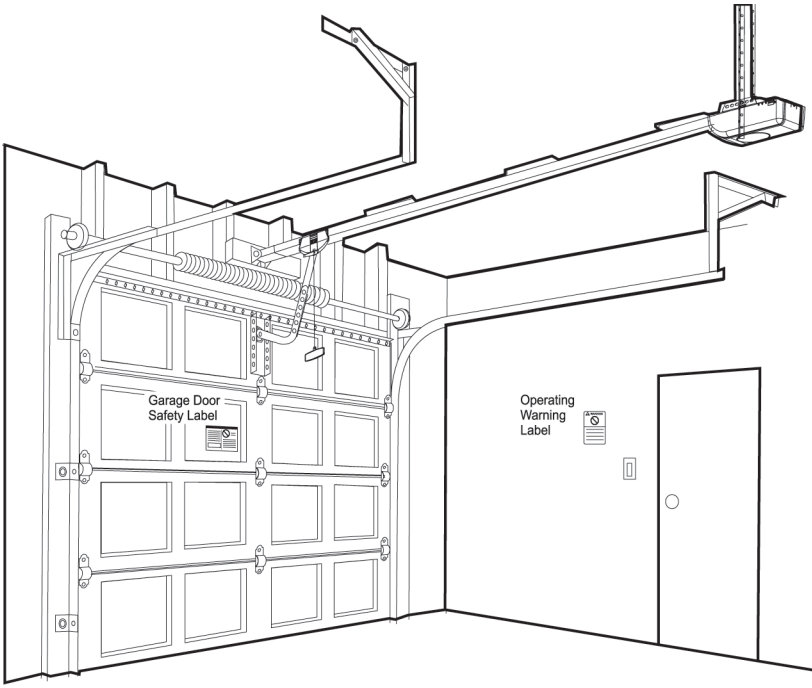
IMPORTANT INSTRUCTIONS

⚠ WARNING

To reduce the risk of severe injury or death:

1. READ AND FOLLOW ALL INSTALLATION INSTRUCTIONS.
2. Check with the door manufacturer to determine if additional reinforcement is required to support the door prior to installation of the garage door opener.
3. Install garage door opener only on a properly balanced garage door. An improperly balanced door could cause serious injury. Have a qualified service professional make repairs to garage door cables, spring assemblies and other hardware before installing the opener.
4. Remove all ropes and disable all locks connected to the garage door before installing opener.
5. Mount the emergency release handle 6' (1.8 m) above floor.
6. Do not connect the opener to source of power until this manual instructs you to do so.
7. Locate the wall console or wall console:
   - I Within sight of the garage door.
   - II Out of reach of children at minimum height of 5' (1.5 m).
   - III Away from all moving parts of the door.
8. Place entrapment warning label on wall next to garage door wall control.
9. Install the Emergency Release Handle on the emergency release rope.
10. Place manual release/safety reverse test label in plain view on inside of garage door.
11. Upon completion of the installation, the door must reverse when it comes in contact with a 1 1/2" (3.8 cm) high object on the floor (or a 2x4 laid flat at the centre of the door) and when the infrared safety beam is blocked.

An overall view of a completed garage door opener system installed on a sectional door. The arrangement is similar for a one-piece jamb door (except for differences described later in this manual).

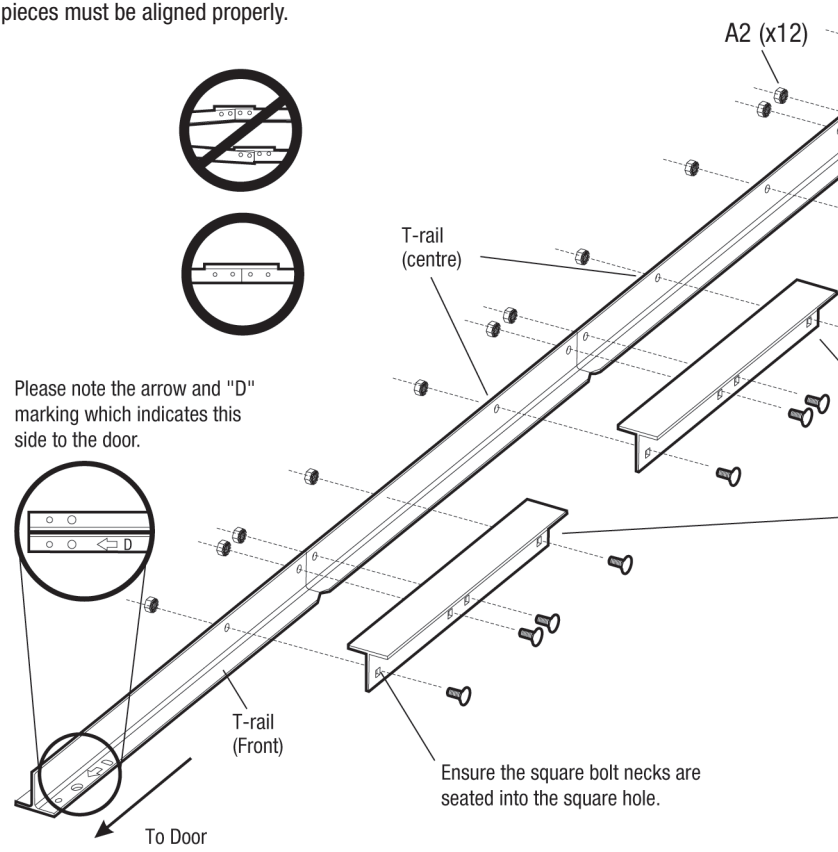


ASSEMBLE THE T-RAIL

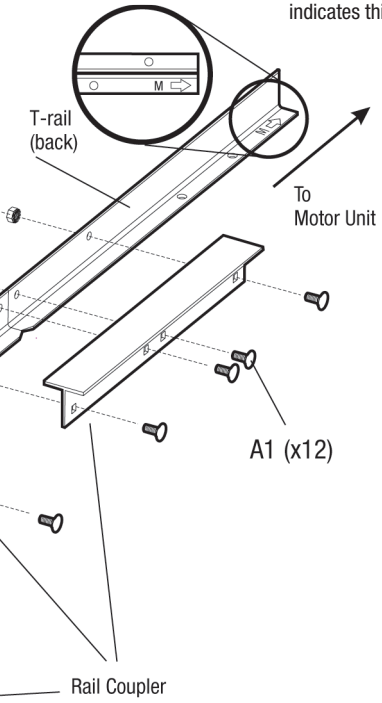
1 Connect the T-Rail Sections

Align the 4 T-Rail sections on the floor. Connect these rails together with the rail couplers as shown.

All rail pieces must be aligned properly.

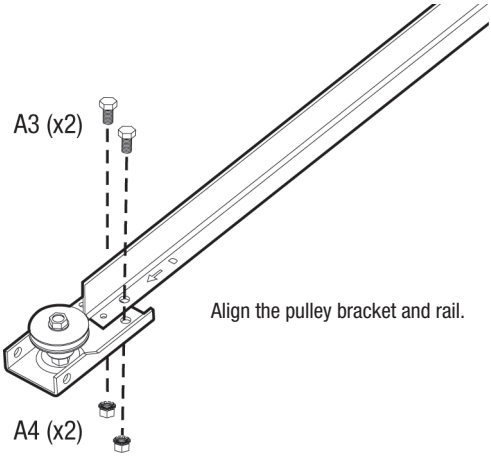


Please note the arrow and “M” marking which indicates this side to the motor unit.

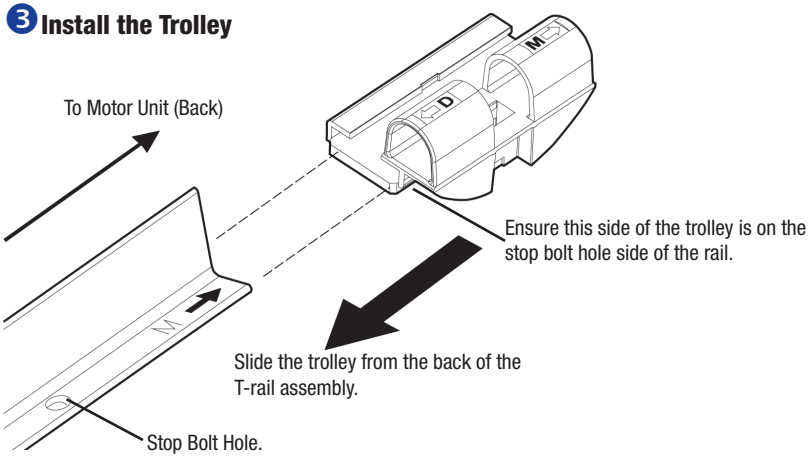


2 Attach the Pulley Bracket

Attach the pulley bracket assembly to the end of the front rail with 2 nuts and bolts.

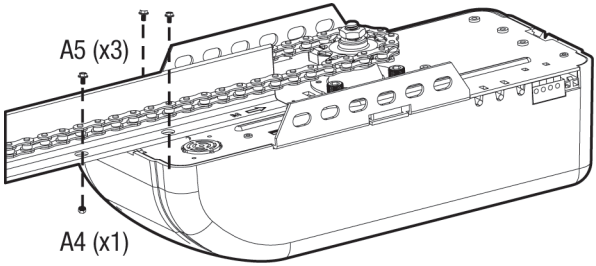


3 Install the Trolley

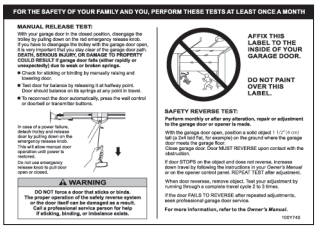


4 Attach the T-Rail to the Opener

Raise the pulley end of the rail so the rail can sit on the motor unit properly. Attach the rail to the motor unit by tightening 2 screws. Insert a bolt to the stop bolt hole and secure it with nut.



5 Apply the Safety Label


FOR THE SAFETY OF YOUR FAMILY AND YOU, PERFORM THESE TESTS AT LEAST ONCE A MONTH

MANUAL RELEASE TEST:

With your garage door in the closed position, disengage the door from the opener by pulling the emergency release knob. If you have to disengage the trolley with the garage door open, it is very important that you stay clear of the garage door path. DEATH, SERIOUS INJURY, OR DAMAGE TO PROPERTY COULD RESULT if garage door falls (either rapidly or unexpectedly) due to weak or broken springs.

- Check for sticking or binding by manually raising and lowering door.
- Test door for balance by releasing it at halfway point. Door should balance on its springs at any point in travel.
- To reconnect the door automatically, press the wall control or doorbell or transmitter buttons.

In case of a power failure, detach trolley and release door by pulling down on the emergency release knob. This will allow manual door operation until power is restored.

Do not use emergency release knob to pull door open or closed.

⚠ WARNING

DO NOT force a door that sticks or binds. The proper operation of the safety reverse system or the door itself can be damaged as a result. Call a professional service person for help if sticking, binding, or imbalance exists.

AFFIX THIS LABEL TO THE INSIDE OF YOUR GARAGE DOOR.

DO NOT PAINT OVER THIS LABEL.

SAFETY REVERSE TEST:

Perform monthly or after any alteration, repair or adjustment to the garage door or opener is made.

With the garage door open, position a solid object 1 1/2" (3.8 cm) tall (a 2x4 laid flat, for example) on the ground where the garage door meets the garage floor.

Close the garage door. Door MUST REVERSE upon contact with the obstruction.

If door STOPS on the object and does not reverse, increase down travel by following the instructions in your Owner's Manual or on the opener control panel. REPEAT TEST after adjustment.

When door reverses, remove object. Test your adjustment by running through a complete travel cycle 3 to 3 times.

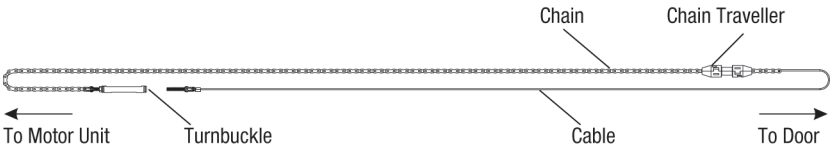
If the door FAILS TO REVERSE after repeated adjustments, seek professional garage door service.

For more information, refer to the Owner's Manual.

1097745

6 Prepare the Chain

Lay down the chain on the floor, as shown. Do not twist the chain or cable.

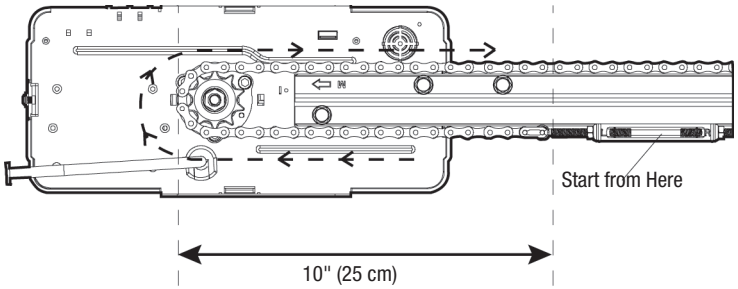


CAUTION

- Use only the specified bolts to attach the T-rail to the opener. Any other bolts will cause serious damage to the opener.

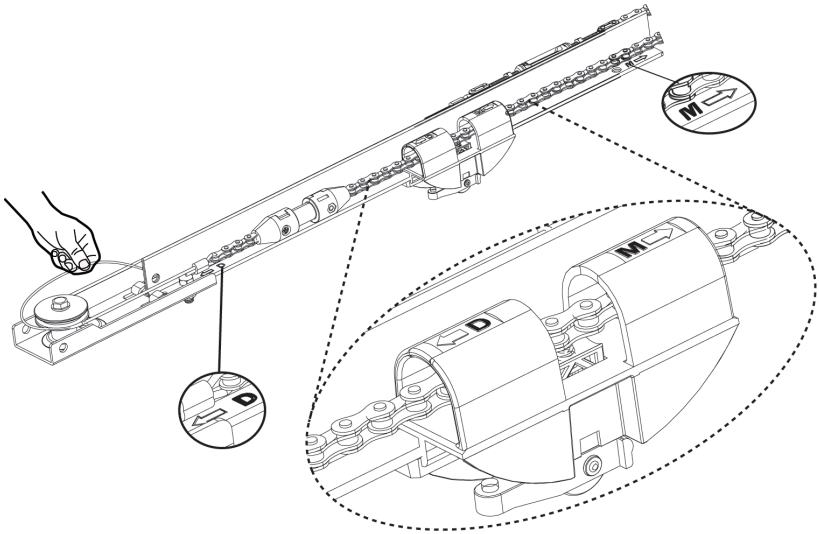
7 Align the Chain on the Sprocket

Start aligning the chain by placing the turnbuckle 10" (25 cm) from the sprocket. Wrap the chain around the sprocket. The sprocket teeth must engage the chain as shown.



8 Place the Cable on the Pulley

Place the cable around the pulley at the end of the rail.

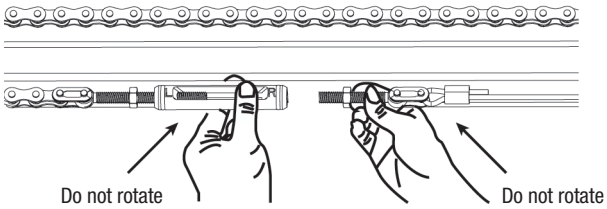


NOTE:

- Ensure chain/cable passes through the trolley guides. Insert the trolley guides into the chain traveller until you hear a click when the chain traveller is completely seated into the trolley.

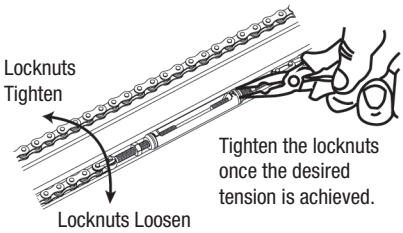
9 Tighten the Chain and Cable

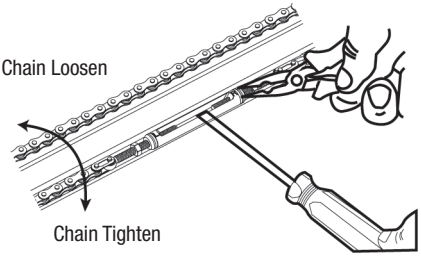
Connect the 2 ends of the chain assembly together at the turnbuckle.



To connect the turnbuckle and threaded shaft, hand tighten the turnbuckle by rotating the turnbuckle only.

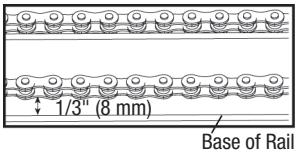
Do not rotate the threaded shaft to avoid twisting the cable.





To avoid twisting the cable, use pliers to hold the threaded shaft while tightening the turnbuckle with a flat screwdriver.

Twist the turnbuckle to tighten the chain tension until the chain is 1/3" (8 mm) above the base of the T-rail.

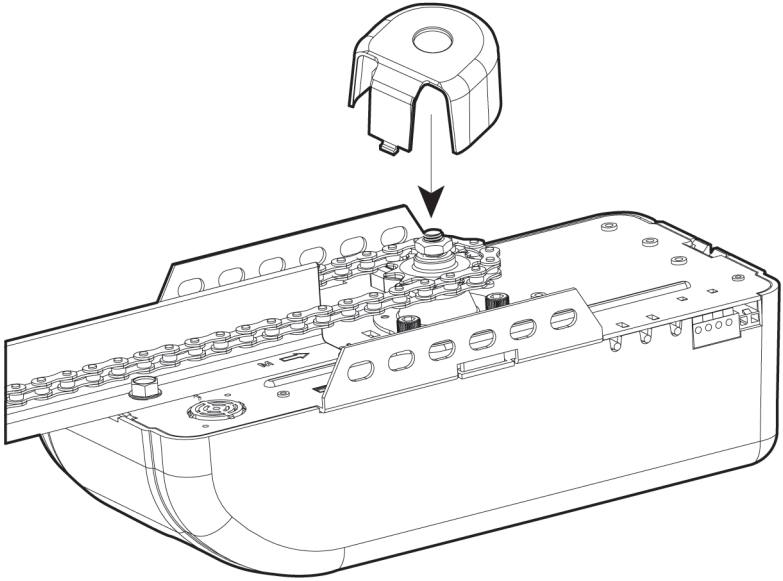


NOTE:

- After completing the installation, you may notice some chain drop with the door fully closed. The chain should return to the position as shown when the door is open.
- Too much or too little tension will cause excessive noise.

⑩ Attaching the Sprocket Cover

Squeeze the cover slightly and insert the 2 tabs on the cover in the slots on the motor unit.



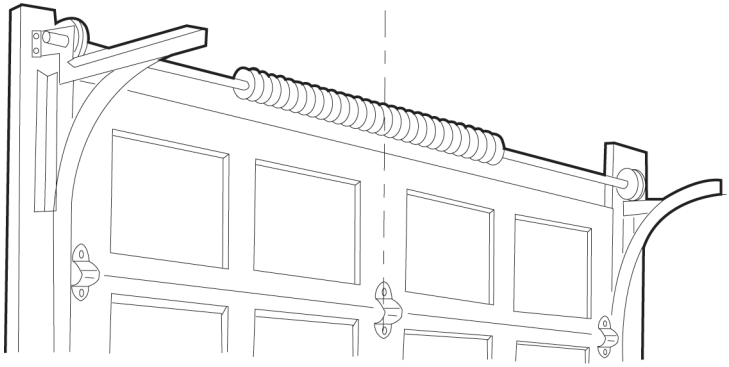
WARNING

- Always keep hand clear of sprocket and chain while operating opener.
- Securely attach sprocket cover before operating.

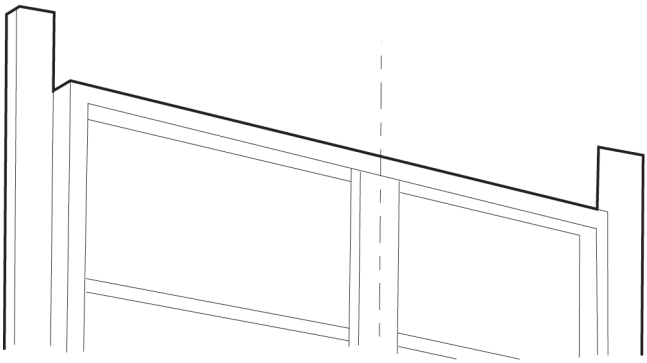
INSTALL THE HEADER BRACKET

1 Mark the Door Centerline

Close the door from inside the garage and mark the vertical centreline of the door on the wall and the top door panel.



Sectional Door

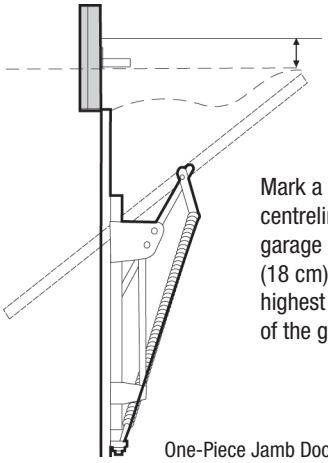


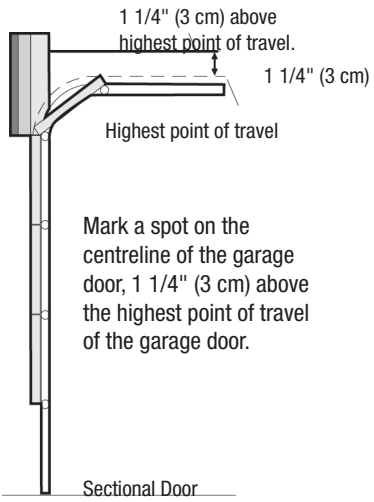
One-piece Jamb Door

WARNING

- Header bracket must be secured to structural supports. If appropriate support does not exist, install a new support using 2x4 board on drywall or between 2 studs with lag screws (not included). DO NOT install header bracket over drywall.
- Concrete anchors must be used if mounting header bracket or 2x4 into masonry.
- 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.

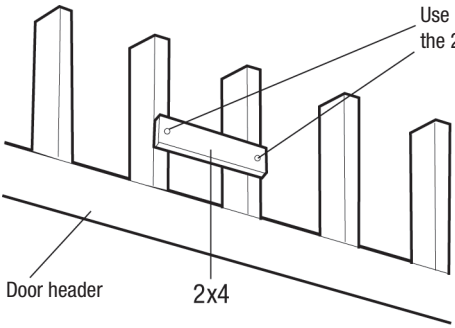
2 Mark Above the Highest Point of Travel





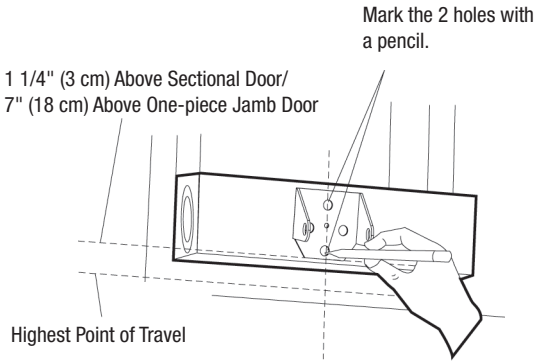
3 Attach a 2x4 (if necessary)

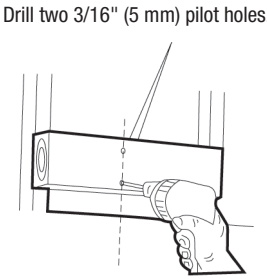
If the calculated header bracket is above the door header, attach a 2x4 between two studs to install the header bracket.

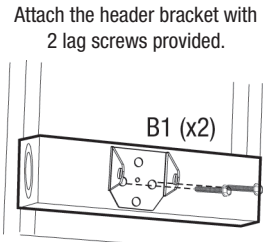


4 Attach the Header Bracket

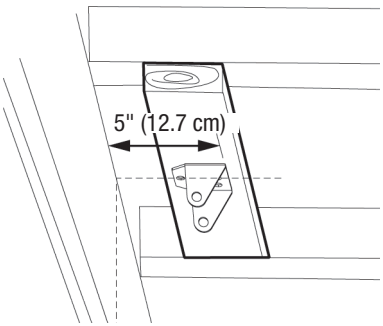
Place the bottom edge of the bracket on the line marked above the highest point of travel.







Note the orientation of the header bracket. Do not mount it upside down.

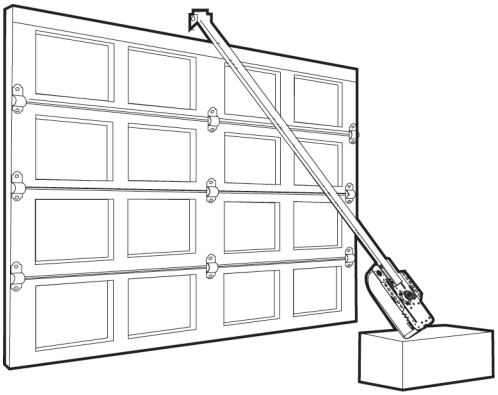


Ceiling Installation

The header bracket may be mounted to the ceiling if there is minimal clearance above the door. If so, extend the centreline to the ceiling. The back edge of the bracket must not be further than 5" (12.7 cm) from the header wall.

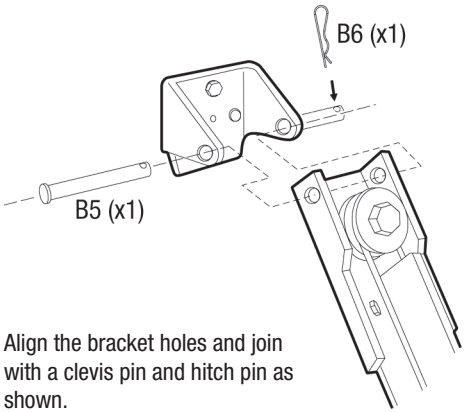
5 Position The Opener

Position the pulley bracket against the header bracket.



Position the opener on the floor with packaging material as protective base.

6 Connect the T-Rail to the Header Bracket



Align the bracket holes and join with a clevis pin and hitch pin as shown.

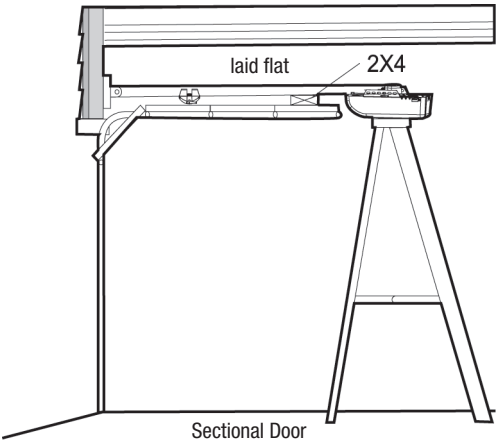
HANG THE OPENER

1 Raise the Opener

Raise the opener onto a stepladder. Use extra spacers on top of the ladder if the ladder is not tall enough.

Carefully raise the door to the fully open position. Be sure the door is clear from the rail or any other part of the opener.

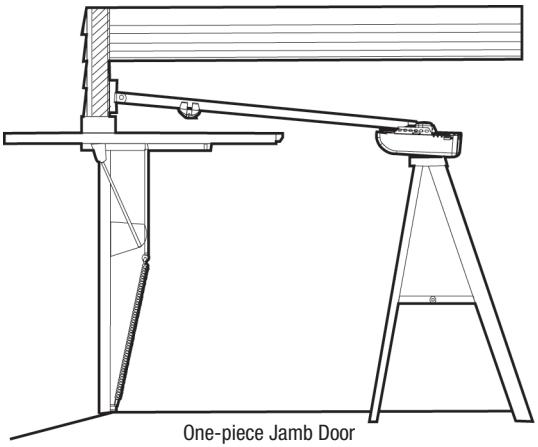
Place a 2x4 laid flat on the top section beneath the T-rail.



Sectional Door

Carefully raise the door to the fully open position so that it is parallel to the floor.

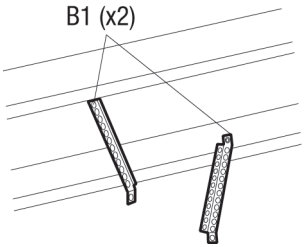
Position the opener so that top of the opener head is level with the top of the opened door.



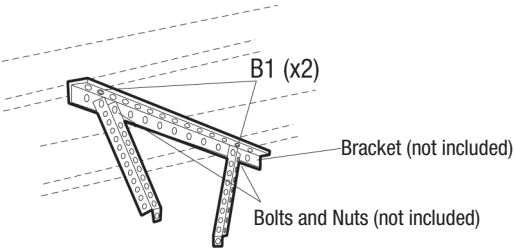
One-piece Jamb Door

2 Attach the Hanging Brackets

Hanging brackets should be angled to provide rigid support. Measure the distance from the motor unit to the structural support. Cut and bend the hanging brackets as required.



For an “open-seam” garage, attach the hanging brackets directly to the joists with 2 lag screws.

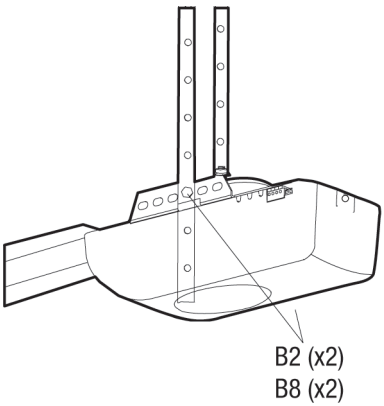


On a finished ceiling, attach a sturdy metal bracket (not included) to structural supports before installing the opener.

3 Attach the Opener to the Hanging Brackets

Attach the opener to the hanging brackets with two bolts and nuts.

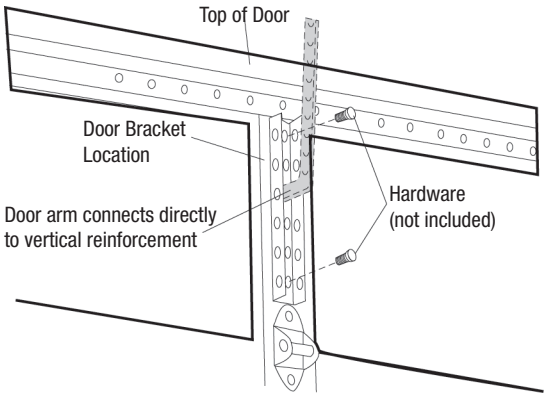
Ensure the T-rail is centred over the door. Remove the 2x4.



WARNING

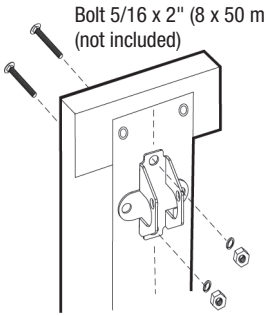
- To avoid possible serious injury from a falling garage door opener, fasten it securely to structural supports of the garage. Concrete anchors must be used if installing any brackets into masonry.

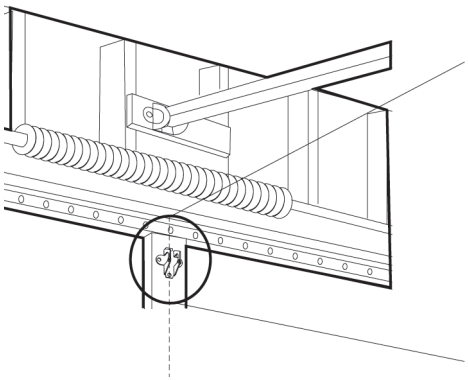
INSTALL THE DOOR BRACKET



Sectional Wood Doors

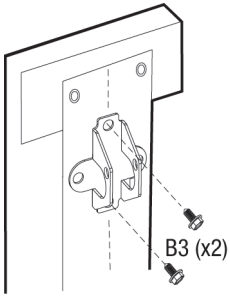
For wood doors, drill 5/16" (8 mm) holes through the door and secure bracket with 5/16 x 2" (8 x 50 mm) carriage bolts, lock washers and nuts (not included).





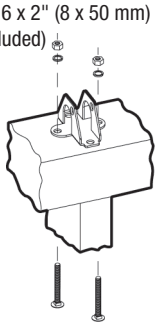
Sectional Metal Doors

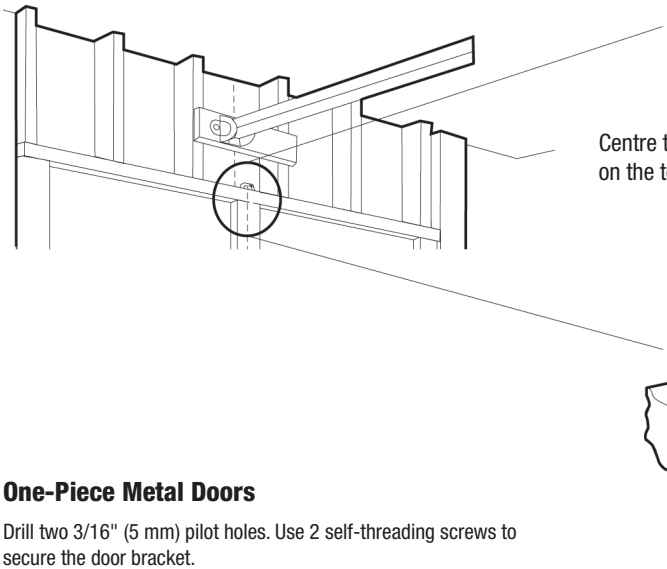
Align the door bracket on the centreline 2 to 4" (5 to 10 cm) below the top edge of the door, or directly below any door structural support.
Drill two 3/16" (5 mm) pilot holes. Use 2 self-threading screws to secure the door bracket.



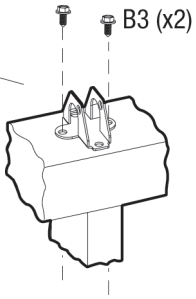
One-Piece Wood Doors

For wood doors, drill 5/16" (8 mm) holes through the door and secure bracket with 5/16 x 2" (8 x 50 mm) carriage bolts, lock washers and nuts (not included).





Centre the door bracket on the top of the door.



One-Piece Metal Doors

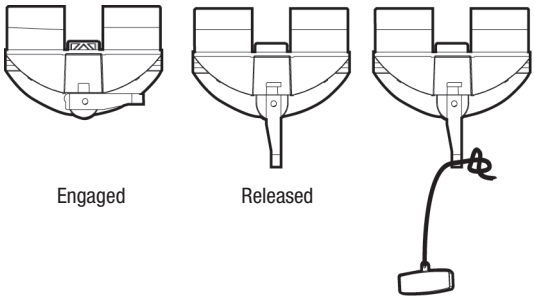
Drill two 3/16" (5 mm) pilot holes. Use 2 self-threading screws to secure the door bracket.

CAUTION

- Lightweight garage doors are not designed for use with garage door opener must be equipped with a door reinforcement kit. Check with the garage door manufacturer for more information. 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 “Install the Door Arms” section.

INSTALL THE DOOR ARMS

1 Attach Emergency Release Rope

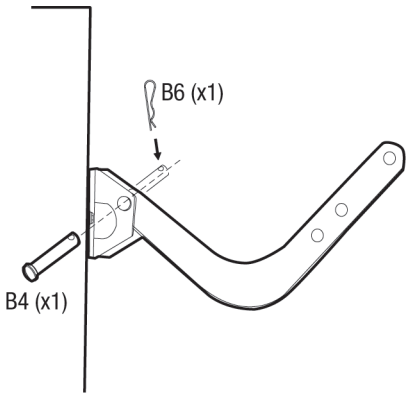


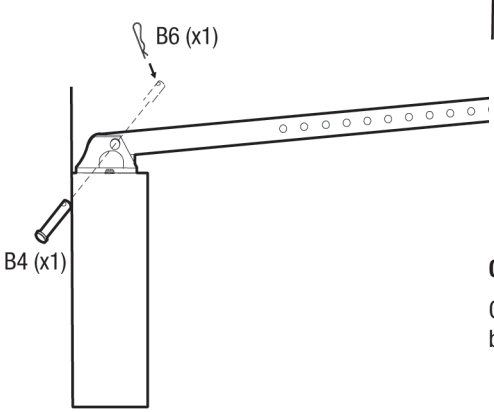
Thread the red rope through the hole in the trolley release handle and tie an over-hand knot. Leave the trolley release lever in the released position until further testing is completed.

2 Connect the Door Arm to Door Bracket

Sectional Door

Connect the curved door arm to the door bracket with clevis pin and hitch pin.





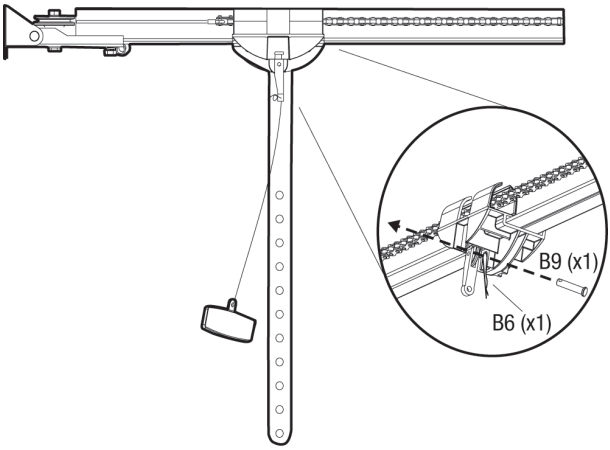
One-piece Jamb Door

Connect the straight arm to the door bracket with clevis pin and hitch pin.

❸ Connect the Door Arm to the Trolley

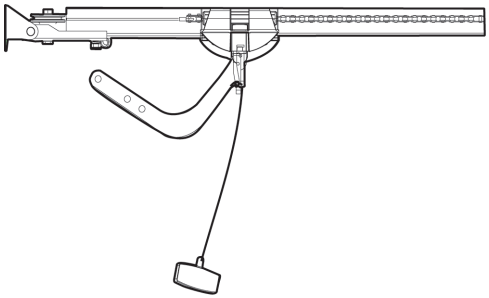
Sectional Door

Connect the straight door arm to the trolley with clevis pin and hitch pin.



One-piece Jamb Door

Connect the curved door arm to the trolley with clevis pin and hitch pin.



NOTE:

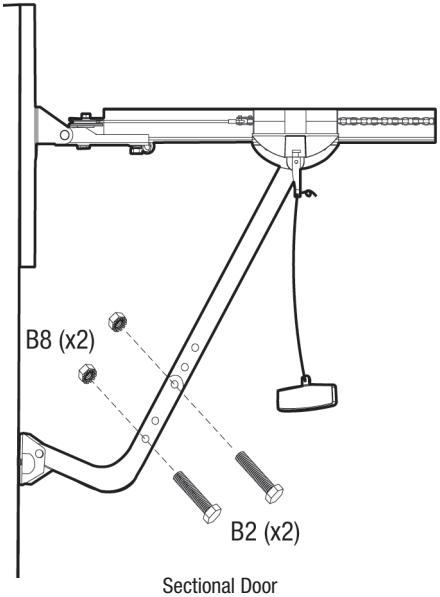
- Emergency release handle should hang 6' (1.8 m) above floor. Adjust rope length if it is necessary.

WARNING

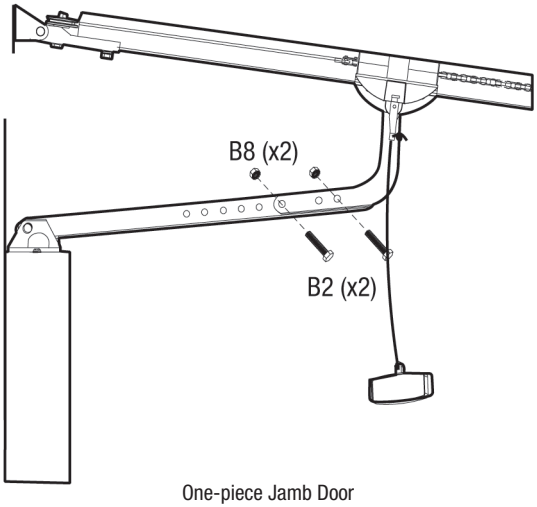
- Use extreme care when pulling release handle. DO NOT use handle to pull door open or closed.
- Never use emergency release handle unless garage doorway is clear of persons and obstructions.

4 Connect the Door Arms Together

Bring two arms together. Find two pairs of holes that line up and join 2 arms with bolts and nuts. Select holes as far apart as possible to increase door arm rigidity.



Sectional Door

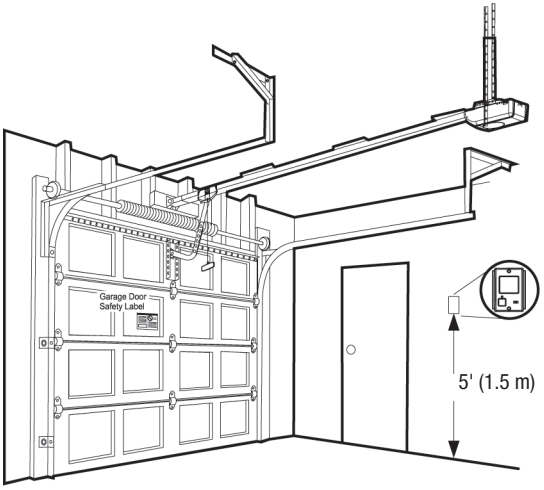


One-piece Jamb Door

INSTALL THE WALL CONSOLE

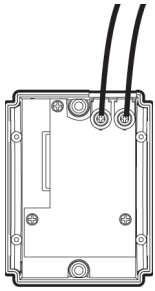
1

Place the wall button or wall console at least 5’ (1.5 m) above the finished floor or the topmost step.



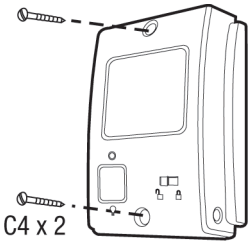
2

Connect the bell wires to the 2 terminal screws. Wires are not polarity sensitive.



3

Secure the wall console with two screws.



WARNING

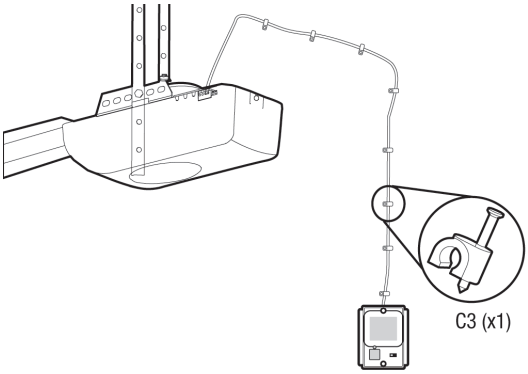
- Wall console must be installed within sight of the garage door, out of reach to children at a minimum height of 5' (1.5 m) and away from all moving parts of door.
- Be sure power is not connected before installing the wall console.
- Wall console should only be activated when door can be seen clearly, 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.

4

Mount the user safety instruction label next to the wall console.

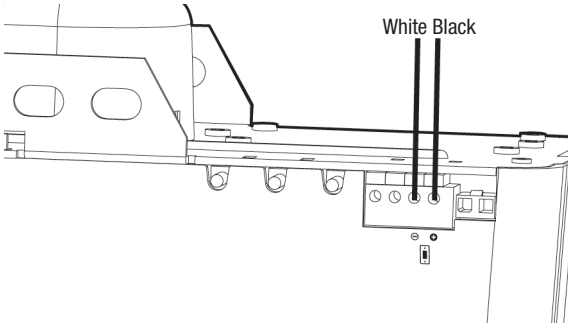
5

Route the wire up the wall and across the ceiling to the opener with wire holders.



6

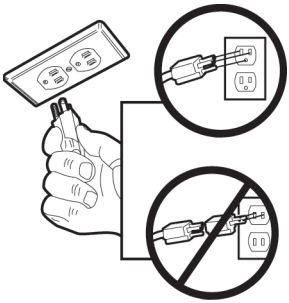
Connect the wires to the terminals .
Wires are not polarity sensitive (either wire to either terminal).

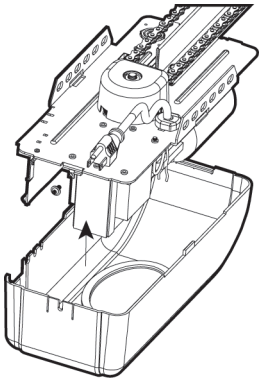


CONNECT THE OPENER TO POWER

1 Connect AC Power

Plug motor unit into grounded outlet. If a grounded outlet is not available, contact a qualified electrician to install a proper outlet. DO NOT ACTIVATE THE OPENER UNTIL INSTRUCTED.

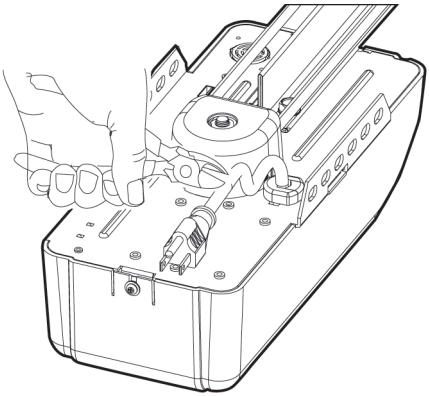




2 Permanent Wiring/Remove Cover

Be sure the power cord is unplugged. Remove the screws from the cover of the opener.

3 Permanent Wiring - Remove the Power Cord



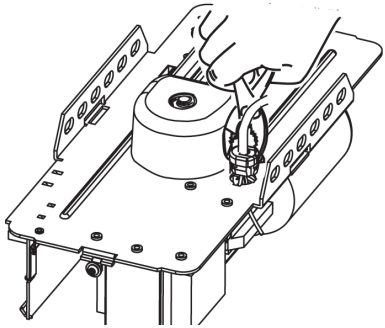
WARNING

If permanent wiring is required by your local code, have a licensed electrical contractor follow the procedures outlined in this manual. Disconnect power to the circuit before removing cover.

- 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 adaptor, or change plug in any way to make it fit outlet. Be sure the opener is grounded.
- The opener has a grounded type plug for your protection and only fits into a grounding type outlet. Do not change the plug in any way.

4 Permanent Wiring/Remove the Bushing

Be sure the power cord is unplugged. Cut the cord about 6" (15 cm) above the bushing.



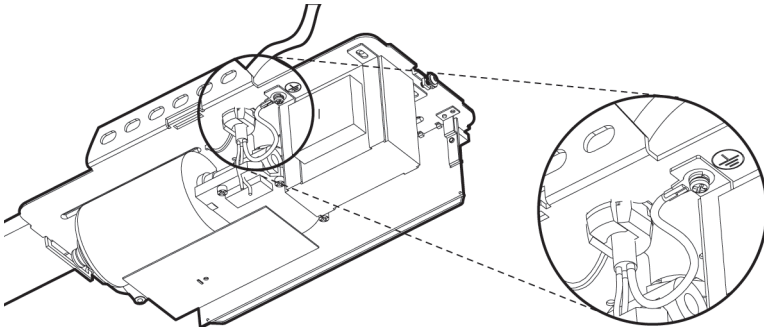
Remove the bushing with pliers

5 Permanent Wiring/Hardwire the Opener

Green – Ground

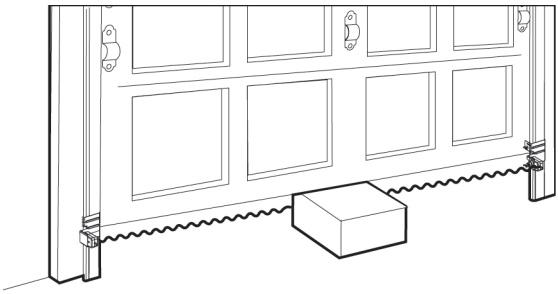
White – Neutral

Black – Hot

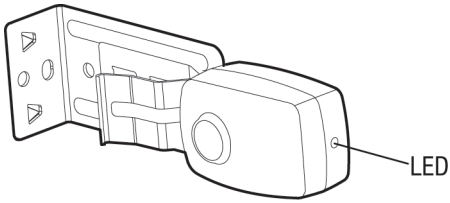


Connect conduit wiring to opener wiring with wire nuts (not included). Install the bottom cover and screws.

INSTALL SAFETY BEAM SENSOR

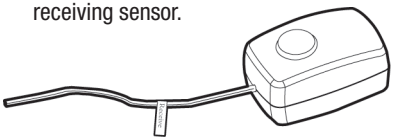


Important Information: The safety beam sensor can detect obstacles in the path of its invisible beam. When the beam is obstructed while the door is closing, the door will stop immediately, reverse to the fully open position and the opener lights will flash. It is important to ensure the invisible infrared is unobstructed by any part of the garage door, tracks, other hardware or objects near the garage door.



1 Identify the Transmitter and the Receiver

The unit with the red LED is the transmitting sensor. The unit with the blue LED is the receiving sensor. Avoid sunlight shining directly into the receiving sensor.



NOTE:

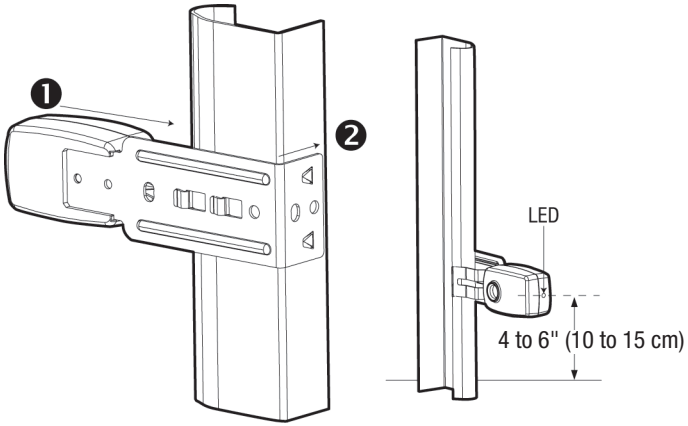
- Receiving sensor is labelled “Receive” on the wire.

WARNING

- Be sure power is not connected to the garage door opener while installing the safety beam sensor.
- The safety beam sensor must be installed and aligned properly.
- This safety device must not be disabled.
- The safety infrared sensor must not be installed higher than 6” (15 cm) above the garage floor.

❷ Mounting the Sensor on the Door Track

Clip the mounting bracket onto the garage door track. Ensure the sensor is mounted between 4" (10 cm) and 6" (15 cm) above the ground. Follow the same procedure to install the sensor on the other track ensuring the sensors are facing each other.

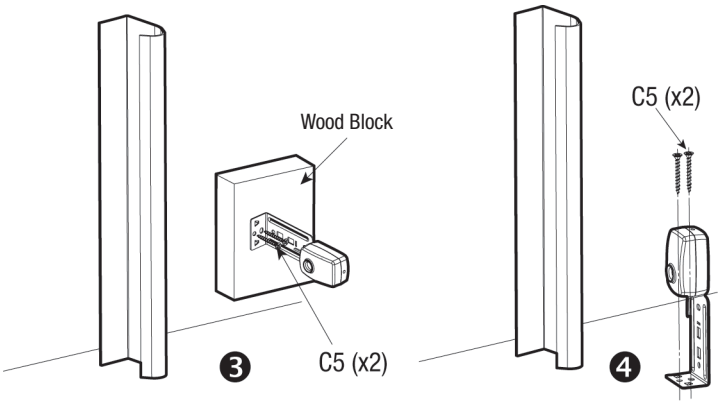


❸ Mounting the Sensor on the Wall (Optional)

For wall mounting, use a wooden block to increase depth until there is enough clearance for the sensor beam to be unobstructed.

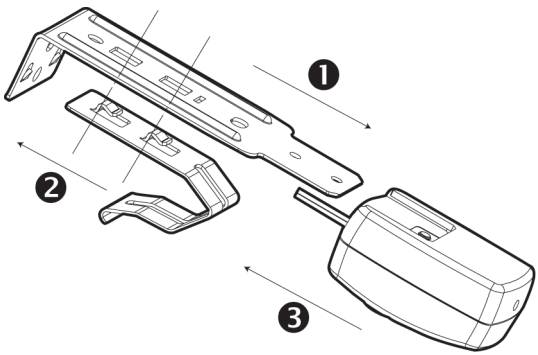
❹ Mounting the Sensor on the Floor (Optional)

For floor mounting, use a wooden block to elevate the sensor brackets, if necessary. Ensure the sensor is no higher than 6” (15 cm) above floor. Fasten the screws to the floor with concrete anchors (not included).



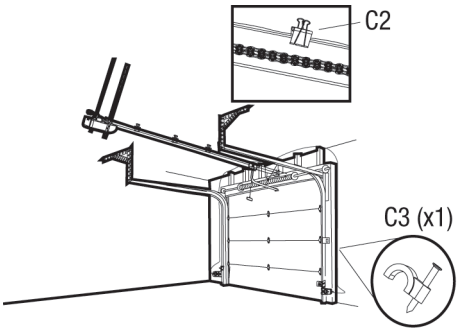
NOTE:
Remove the spring bracket from the mounting bracket if installing to the wall or floor.

1. Slide the sensor from the mounting bracket.
2. Slide the spring bracket from the mounting bracket.
3. Re-install and secure the sensor to the mounting bracket.



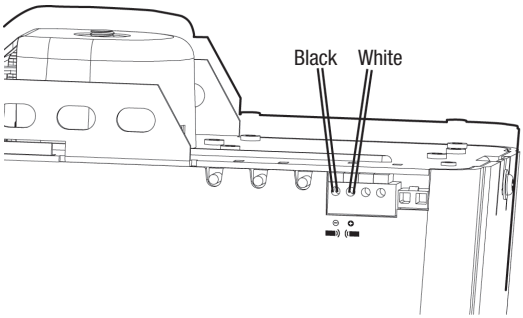
5 Route and Secure the Sensor Wires

Run the wires up the wall, then over to the centre of the door. Secure the wires to the wall with wire holders. Run the wires along the top of the T-rail and secure them with 4 wire clips provided.



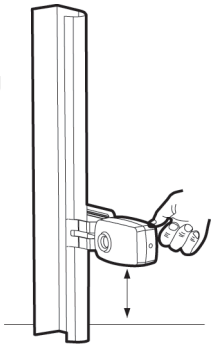
6 Connect the Wires to the Opener

Twist like-coloured wires together. Connect the wires to the safety sensor terminals ▬)) ((▬. Wires are not polarity sensitivity (either wire to either terminal).



7 Check the Safety Beam Sensor LED

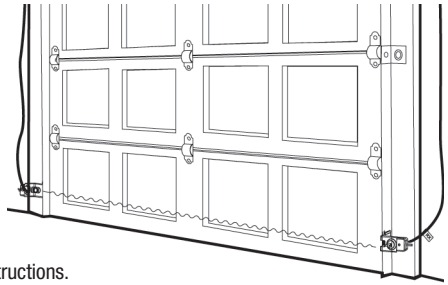
Plug in the opener. The receiving sensor indicator's blue LED should glow steadily if the wiring and alignment are correct. The transmitting sensor indicator's red LED will glow steadily regardless of alignment or obstruction.



Align the sensors

8 Align the Safety Beam Sensor

If the receiver LED is off, dim, or flickering (while the invisible light beam path is not obstructed), alignment is required.



Receiving Sensor (Blue LED)

Blue Light:
On – Beam Aligned. No Obstructions.
Off – Beam Not Aligned Or Obstruction – Sensors Need Alignment.
Dim/Flickering – Sensors Need Alignment.

Transmitting Sensor (Red LED)
Red Light:
On – Power On.
Off – Power Off.

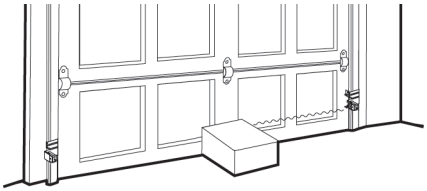
If the blue LED is flashing or off, slide the mounting bracket up or down on the track until the blue LED is steadily on. The tab for the sensor can also be adjusted by a slight bend if needed for alignment.

When properly adjusted both the red and blue LED will be steadily on.

NOTE:
After two minutes the sensors will go into sleep mode and the red and blue LED will flash every 10 seconds. When the door is closing, the sensors will return to normal operation with red and blue LED steadily on.

9 Testing with Obstruction

With the sensors properly aligned, place an obstacle in the path of the beam. The transmitting sensor's red LED should be on, the receiving sensor's blue LED should be off. Remove the obstacle, both LEDs should be on steadily.



NOTE:

- Be sure to stay out of the beam's path while aligning.
- The LED in the safety beam sensors will flash in every 10 seconds during standby mode.

NOTE:

If the transmitting sensor LED does not glow steadily, check the following:

I. Power to the opener is connected.

II. A short in the white or white/red wires (from wire holders or at the openers terminals).

III. Incorrect wiring between sensors and opener.

IV. A broken wire.

If the transmitting sensor LED glows steadily but the receiving sensor LED doesn't glow:

I. Check alignment.

II. Check for an open wire to the receiving sensor.

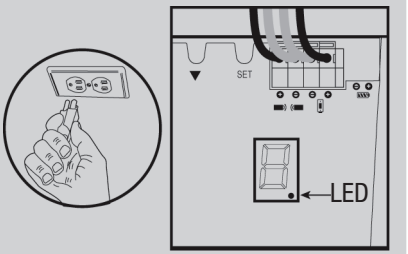
III. Check for dirt on lens, or sun shining into lens.

PROGRAMMING GUIDE

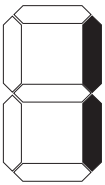
While programming, the ▲ and ▼ buttons can be used to move the door as needed.

A. Set Up Travel Limit and Open/Close Force

1. Connect the opener to an approved power source. The dot in the LED display stays on.



2. Press and hold [SET] button for 5 seconds until the LED display shows the number “1”. Release the [SET] button.
3. Press the ▲ button until the door is in fully open position.
4. Press the [SET] button to confirm the door position.



SET DOOR TRAVEL LIMIT (OPEN/CLOSE)

5. The LED display will show the number “2”.
6. Press the ▼ button until the door is in fully closed position.
7. Press the [SET] button again to confirm.
8. The LED light will flash 3 times when the travel limit settings are completed.

SET DOOR TRAVEL LIMIT (CLOSE/OPEN)

9. The LED display will show the number “3”.
10. Press the wall button to open the garage door to its fully open position.
11. The LED light will flash 3 times.

LEARN DOOR FORCE (OPEN/CLOSE)

12. The LED display will show the number “4”.
13. Press the wall button again to close the garage door to its fully closed position.
14. The LED display will turn off.

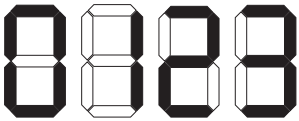
LEARN DOOR FORCE (CLOSE/OPEN)

B. Changing Force Adjustment

1. Press and hold the [SET] button for 10 seconds. When the LED display shows “F”, release the [SET]button.
2. The LED display will show “0”.

SET FORCE LEVEL

3. Press the ▲ or ▼ button to set the force 0, 1, 2 or 3.
   0 is the default force level.
   3 is maximum force level.
4. Press the [SET] button again to confirm the force at the desired level.

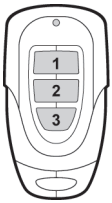


C. Programming Remote Control

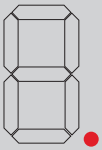
1. Press the [SET] button for one second. The LED display will show the letter “P”.

LEARN WIRELESS CONTROL

2. Program a Remote:
   Within 30 seconds, press any button on the remote that you would like to program to the opener.



3. Once the button on the remote is programmed, the LED display will turn off and emit one beep indicating the programming has been successful.

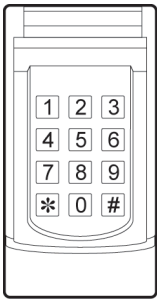


LEARN WIRELESS CONTROL

D. Keypad Initial Setup

The factory default PIN is 0000. It will be used during the keypad initial setup.

After you set your own PIN, you will need to use your current PIN instead of 0000 in below steps.



1. FOR SINGLE DOOR

   A. Enter 0000 and ✱.

   B. Enter the new PIN (2 to 8 digit password) and ✱.

   C. Enter your PIN again and ✱.
   If the new PIN codes are the same, the keypad will beep 3 times.
   If not, it will emit a long beep.

   D. Press the [SET] Button on the opener

   E. Within 30 sec. enter your PIN on the keypad and press #

   F. Now enter your PIN and # to open/close the garage door.

2. FOR MULTIPLE DOORS:

   G. Enter 0000 ✱9# to enable multiple door mode.
   (0000#0# to disable and back to single door)
   Will beep 2 times to confirm the multiple-door operating mode is enabled.

   A. Enter 0000 and ✱.

   B. Enter the new PIN and press ✱.

   C. Enter your PIN again and press ✱.

   D. Press the [SET] Button on the opener

   E. Within 30 sec. enter your PIN on the keypad and press #1

   F. Now enter your PIN and #1 to open/close the garage door.

   Repeat step 6 and 7 to program additional doors:
   2nd door: PIN #2, ex. 1234 #2
   3rd door: PIN #3, ex. 1234 #3

NOTE:

- To erase any unwanted remote control, first erase all remotes.

E. Erasing all the Remote Controls from Opener

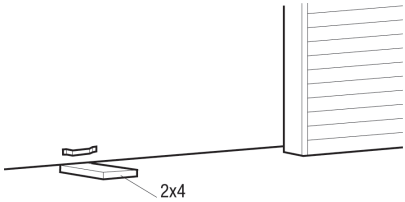
1. Press the [SET] button for 15 seconds. When the LED display flashes “E”, release the [SET]button.
2. Press the [SET] button again to confirm erase all the programmed remotes.
3. The dot in the LED display stays on indicating the erasing has been successful.

ERASE WIRELESS CONTROL (FLASHING)

SAFETY TESTS

Test Safety Reversal System

With the door fully open, place a 1 1/2" (3.8 cm) board (or 2x4 laid flat) on the floor, centred under the garage door. Close the door by pressing the button on the wall console. After making contact with the board, the door should stop then reverse to a fully open position.



If the door fails to reverse:

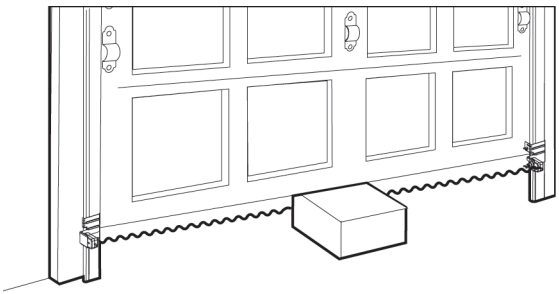
- If the door stops on the obstruction, re-adjust the down travel limit as it is not travelling far enough in the down direction.
- Repeat the test until the door reverses upon striking the obstruction.

Test Safety Beam Sensor System

To test the safety beam sensor system, open the door to the fully open position.

1. Place an obstacle (such as the opener carton) to break the safety infrared beam.
2. Press the push button to close the door.
3. The door should not move more than 1" (2.5 cm), and the opener light will flash. If this does not happen:

- Ensure the safety beam sensors are aligned properly (refer to “Install Safety Beam Sensor System”).
- Ensure the obstacle is breaking the beam by checking the receiving sensor's blue LED is off.
- If everything fails, call for a trained door systems technician.



WARNING

- Without a properly installed safety reversing sensor, persons (particularly small children) could be seriously injured or killed by a closing garage door.

OPERATION

Important Safety Instructions

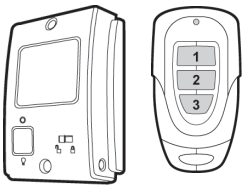
⚠ WARNING

To reduce the risk of severe injury or death:

1. READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY.
2. NEVER let children operate or play with any garage door controls or remote controls. Always keep these controls away from children.
3. Always keep moving door in sight and away from people and objects until it is completely closed. NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR.
4. Only activate garage door when it can be seen clearly, is properly adjusted and there are no obstructions to door travel.
5. NEVER GO UNDER A STOPPED, PARTIALLY OPEN DOOR.
6. Test the door opener monthly. The garage door MUST reverse on contact with a 1 1/2" (4 cm) high object (2x4 laid flat) on the floor. Retest the door opener after adjusting the travel limits. Failure to adjust the opener properly may cause severe injury or death.
7. If possible, use the red emergency release only when the door is closed. Use caution when using this release with the door open. Weak or broken springs may allow the door to fall rapidly, causing severe injury or death.
8. Never use the emergency release rope to pull garage door open or closed. If the rope knot becomes untied, you could fall.
9. KEEP GARAGE DOORS PROPERLY BALANCED. (See Garage Door Opener Maintenance.) An improperly balanced door could cause severe injury or death. Have a qualified service professional make repairs to cables, spring assembly and other hardware.
10. Disconnect the electrical power to the garage door opener before making any repairs or removing the housing cover.

SAVE THESE INSTRUCTIONS.

Operating the Door



Activate your opener by:

- Pressing the wall console.
- Pressing the assigned button on the remote control.

Depending on the status of the garage door opener and the position of the garage door, the garage door opener behaves in different ways:

- If the door is closed, activating it will open the door.
- If the door is open, activating it will close the door.
- If the door is closing, activating it will stop the door.
- If the door is opening, activating it will stop the door.

If the door is obstructed:

- While opening, the door will stop.
- While closing, the door will reverse.
- The opener light will flash.

Opener Light

The opener light will turn on:

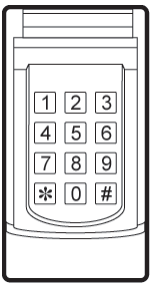
- When the opener is plugged in (light will turn off automatically after 3 minutes).
- When the opener is activated (light will turn off automatically after 3 minutes).
- When the light button is pressed on the wall console.

You can manually turn on and off the light with the wall console.

Remote Control

To activate the opener with the remote control, hold down the button until the door begins to move. When the button is pressed, the light indicator on the remote will flash. For remotes with multiple buttons, press the button programmed to the desired operation.

Keypad Operation



Single Door Operation: Enter the pin code plus [#].

For example: 1 2 3 4 #.

Multiple Doors Operation: Enter the pin code plus [#] plus [door number].

For example:

Door 1: 1 2 3 4 # 1

Door 2: 1 2 3 4 # 2

Door 3: 1 2 3 4 # 3

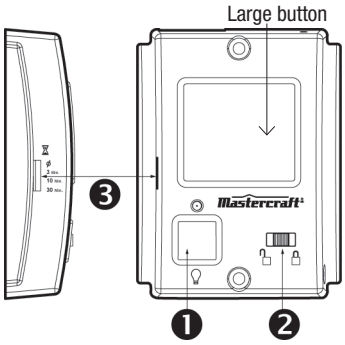
Door 4: 1 2 3 4 # 4

Mastercraft® Garage Door Opener Deluxe Wall Console (046-0508-6)

Press the large button on the wall console to activate the garage door opener.

On the wall console there are 3 additional features:

1. Light feature.
2. Lock feature.
3. Door closer timer.



Light Feature:

The light button can be used to turn the opener light on or off. The automatic timer is ignored—the light will remain on until the button is pressed again.

Lock Feature:

The lock button (also known as vacation button) can be used to lock out all remote control transmitters. The door can still be activated by wall console. Simply slide the switch to the locked position and the opener will ignore all the radio signals. To unlock, slide the switch to the unlocked position.

Door Closer Timer:

The opener has the option to program how long until the door closes automatically after it has been opened. To change the setting of this timer, there is a slide switch on the side of the wall console.

Slide switch position	Function
⌀	Door Closer Timer Disabled.
3	The door will close automatically after 3 minutes.
10	The door will close automatically after 10 minutes.
30	The door will close automatically after 30 minutes.

NOTE:

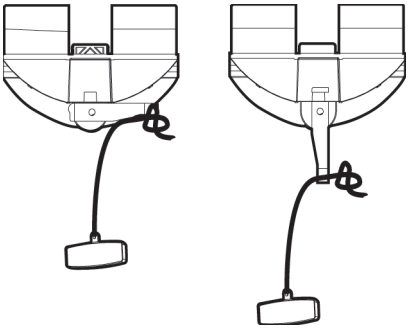
- With the door closer timer enabled, the opener will beep every 10 seconds when the door is opened. The beeping rate will increase as the timer is runs out, indicating the door is about to close.

To Open the Door Manually

In case of a power failure, or if the door becomes obstructed, pull the red trolley release handle to disengage the opener from the door.

Flip the trolley release level up and raise or lower the door to re-engage the opener.

Use caution: if the door is open while disengaging, the door may drop.



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 the rope knot becomes untied, you could fall.

MAINTENANCE

Once a Month

- Test the door balance. Manually operate door. If it is unbalanced or binding, call a trained door systems technician.
- Check to be sure door opens and closes fully. Adjust limits and/or force if necessary.
- Test both the safety reversal system and the safety beam sensor system as shown on page 37 of this manual.

Once Every Six Months

- Check the chain tension. Turnbuckle should be slightly above the rail. Adjust chain tension as shown on page 15 of this manual.
- Once a Year
- Oil the door rollers, bearings and hinges.

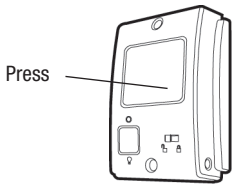
Automatic Opening/Closing Force Adjustment

The opener will adjust the opening and closing force automatically so it operates at the most efficient setting. To allow the opener to adjust the opening and closing force automatically, operate the opener once after setting travel limits.

To operate the opener:

- Press the push button to open the door, until it reaches the fully open position.
- Press the push button to close the door completely, until it reaches the fully closed position.

You have now finished setting the opening and closing force.



NOTE:

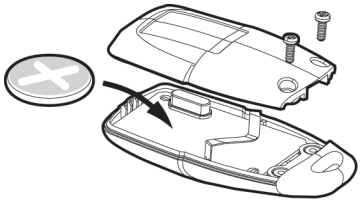
- After adjusting the Up/Down travel limits, the opener will re-adjust its opening and closing force during the first opening and closing cycle. Therefore, it is important to pay attention not to obstruct the door during the first opening and closing cycle after adjusting the travel limits. The opener has now finished adjusting the opening and closing force.
- During the force adjustment, do not obstruct the door's travel or the safety beam sensor.

In order to readjust the opening/closing force, you must first enter travel limit adjustment. Force adjustment will proceed automatically after travel limit adjustment sequence.

Battery Replacement

All remotes come with battery installed. To replace the battery, follow the instructions below.

It is time to change the battery when the red LED light on the remote does not turn on when either button is pressed.



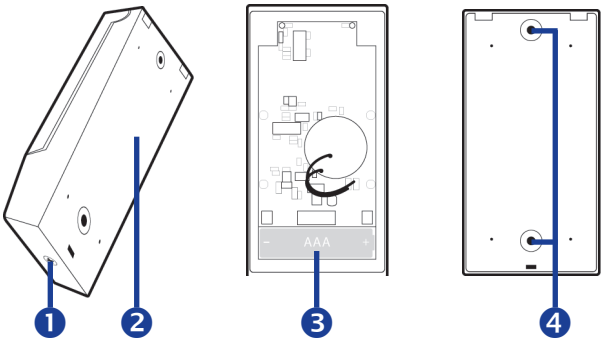
Lithium battery CR-2032 included (positive side up).

To replace the battery:

1. Undo the two screws on the back of the remote. The bottom case will then come off.
2. Take out the old battery.
3. Place the new battery in position.
4. Close the cover and reinsert two screws.

Install Keypad and Battery

1. Undo the screw on the bottom side of the keypad.
2. Remove the back plate.
3. Insert a AAA battery (1.5 V Alkaline type).
4. Mount the back plate with the mounting accessories.
5. Attach the keypad on the back plate and tighten the screw on the bottom of the keypad.



WARNING

To prevent possible serious injury or death:

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

Battery Disposal:

- Please dispose the used battery per municipal or provincial law.

TROUBLESHOOTING

LED Light Flashing	LED Display Flashing	Symptom	Solution
3 Flashes		The wall console is in lock mode. The remote controls are deactivated.	• Unlock the wall console.
5 Flashes		Overtime. The motor is running continuously over 30 seconds in one direction.	• Ensure the opener is correctly installed and attached to the garage door. • Adjust the travel limit to let the opener open or close the door within 30 seconds.
10 Flashes		Safety beam sensor blocked.	• Check if the safety beam sensor is misaligned. • Check if any obstacle is interfering with the beam path.
15 Flashes		The door is not fully open or fully closed.	• Check if something is obstructing the door. • Re-adjust the travel limits. • Re-adjust the opening and closing force.
Continuous Flashing		Wall console wire shorted.	• Check the wall console wires for a short.

Opener does not operate from either wall console or remote.	• Check the opener's AC outlet has power. Plug a lamp into the outlet to check. If it does not turn on, check fuse box or circuit breaker. • Check the wall console wiring at the wall console's and opener's terminals, and be sure the remote is programmed into the opener.
Opener tries to operate, but the door does not move.	• A door spring may have been broken. Visually inspect the door hardware for any broken springs. Have a qualified garage door service professional repair the door if any door hardware is broken. • In cold weather climates, check that the door is not frozen to the ground or that snow build-up is not blocking the door.

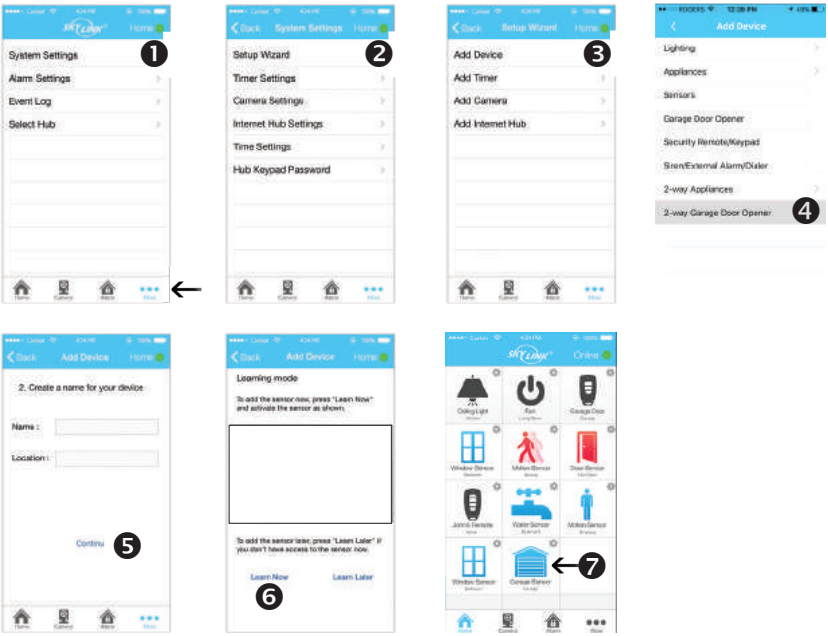
Opener operates from remote but not from wall console.	• Ensure the wiring connections are correct. • Is the wall console lit? If not, disconnect low voltage wires to wall button and momentarily touch them together. If opener runs, replace wall button. If not, check wiring connections at opener and check wire for shorts or breaks under wire holder.
Opener operates from wall console but not remote.	• Is the wall console in lock mode? • Does remote indicator light glow when remote button is pressed? If not, replace the battery. • Has the opener learned the code of the remote? Repeat remote programming steps on pages 39.
Door does not open completely.	• Is something obstructing the door? Remove obstructions after ensuring the door area is free of persons and any other objects. • If door has been working properly but now doesn't open all the way, reset the travel limit adjustment. Be sure to run a complete opening and closing cycles to reset the force adjustment as well. Follow instructions on page 38.
Door does not close completely.	• Is something obstructing the safety beam sensor? Ensure the receiving beam sensor's LED is on. • Is something obstructing the door? Remove obstructions after ensuring the door area is free of persons and any other objects. • If the door has been working properly but, now, doesn't open all the way, reset the travel limits. Be sure to run a complete opening and closing cycle to reset the force adjustment. Follow instructions on page 38.
Opener light stays on.	• It is normal for the opener's light to stay on for about 3 minutes after each activation. • If the opener's light was turned on by the light button on the wall console, it will stay on until the light button is pressed again to turn the light off.
Opener activates by itself.	• Check all remotes programmed into the opener. Check for items pressing on any remote's button. • If a remote has been stolen, erase the opener's memory (refer to page 40 to prevent the lost remote from activating the opener. Reprogram the remaining remotes into the opener (refer to page 39). • Check the wiring between the wall console and the opener. Look for any wire holder that has cut into the wire's insulation, or wire that has been pinched by another object. Replace any bad wiring. • Examine the wiring at the opener's terminals and at the wall console's terminals. Look for any wire strands that are close to or touching adjacent terminals.

Door reverses for no apparent reason.	• The door hardware may be binding causing the close door force setting to be exceeded. Disengage the trolley and manually check the door movement and balance. Lubricate the door hardware as recommended by the garage door manufacturer. • Re-adjust the travel limits and force adjustments to ensure the automatic force adjustment are set properly. • Ensure the safety beam sensor is securely fastened and no sunlight is shining directly onto the receiving sensor.
Opener is noisy.	• Adjust the chain tension (refer to page 16). • Lubricate the door hardware as recommended by the garage door manufacturer.
Opener won't work due to power failure.	• Use the emergency release handle to disconnect the opener from the door. The door can be opened or closed manually until power is restored.

OPTIONAL: PROGRAMMING

To SKYLINK® Internet Hub (046-0510-8; Sold separately)

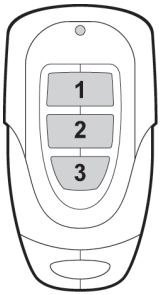
1. Open SkylinkNet App and tap on “System Settings”.
2. Tap on “Set-up Wizard”.
3. Tap on “Add Device”.
4. Tap on “2-way Garage Door Opener”.
5. Name your garage door opener and location and tap on “Continue”.
6. Press the [SET] button on the GDO for 1 sec until LED shows [P]; then, tap on “Learn Now”.
7. Tap on GDO icon to open/close the door. The icon shows the status of the door.



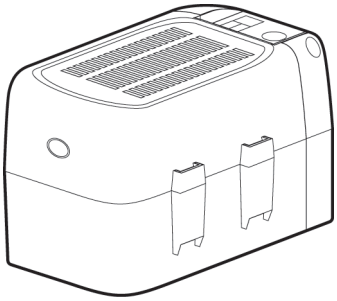
NOTE:

- Internet hub is not included.

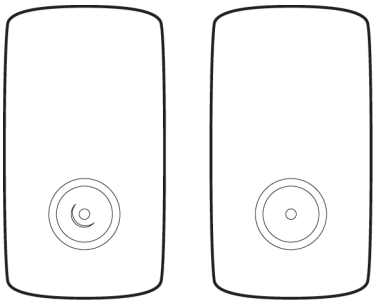
ACCESSORIES



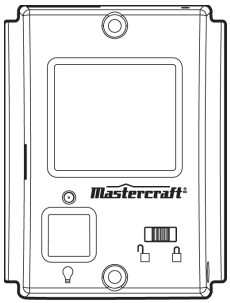
Mastercraft® GARAGE DOOR OPENER
COMPACT REMOTE
Model no. 046-0507-8



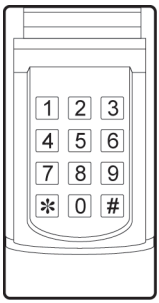
Mastercraft® GARAGE DOOR OPENER
BACKUP BATTERY
Model no. 046-0504-4



Mastercraft® GARAGE DOOR OPENER
INFRARED SAFETY SENSORS
Model no. 046-0505-2



Mastercraft® GARAGE DOOR OPENER
PROGRAMMABLE LCD WALL CONSOLE
Model no. 046-0509-4



Mastercraft® GARAGE DOOR OPENER
KEYLESS ENTRY SYSTEM
Model no. 046-0506-0

FCC

This device complies with Part 15 of the FCC Rules. 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.

Warning:

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

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. 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.

Tested To Comply
With FCC Standards

LIMITED WARRANTY

The motor on this Mastercraft product carries an 8 (eight) year LIMITED warranty against defects in workmanship and materials. The parts, including the rail and belt, carry a 2 (two) year LIMITED warranty. The accessories carry a 1 (one) year LIMITED warranty. This product is not guaranteed against wear or breakage due to misuse and/or abuse.

Made in China

Imported for

Mastercraft Canada Toronto, Canada M4S 2B8