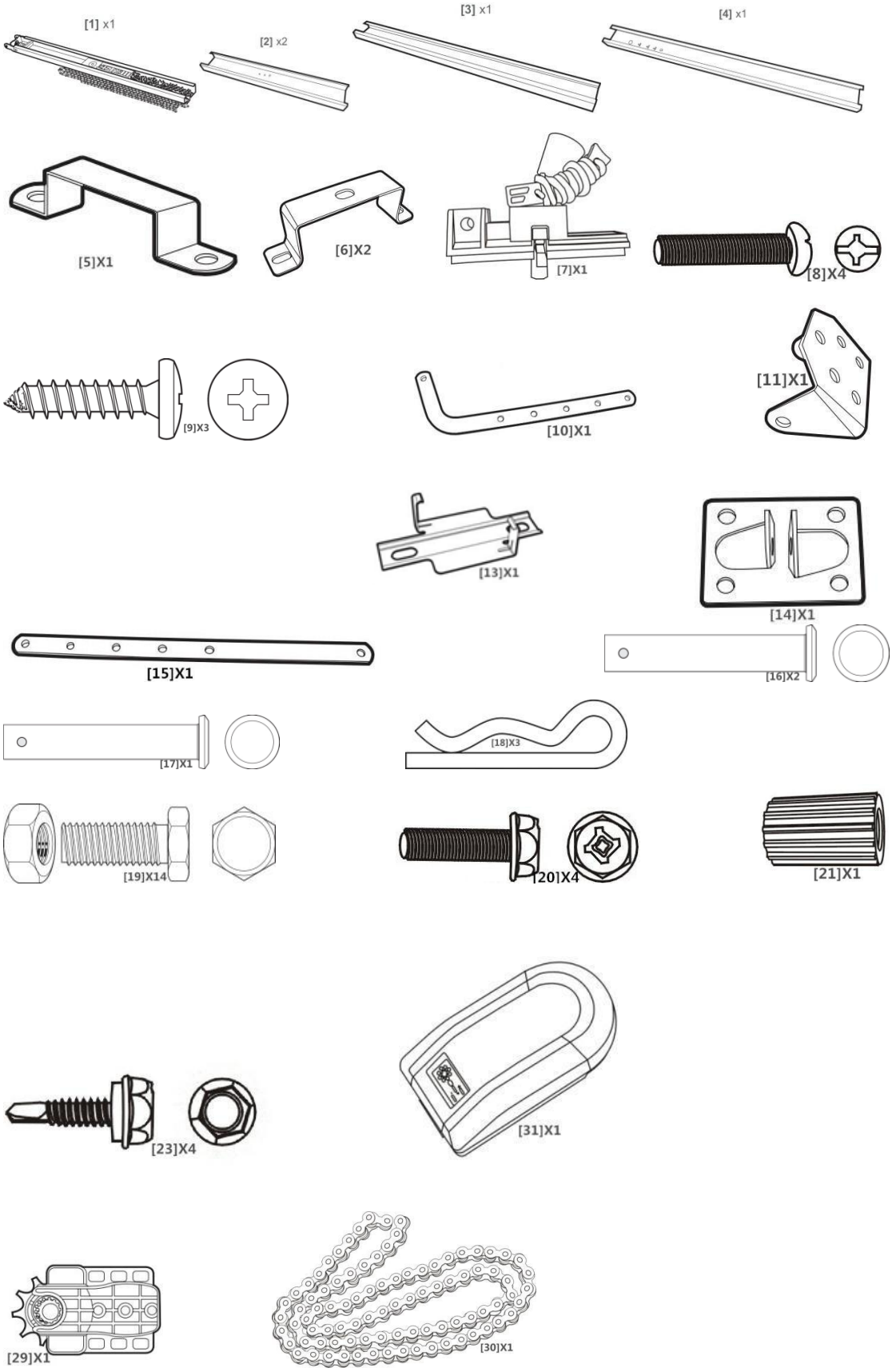
ANUBIS 24V

GARAGE DOOR OPENER



800N AND 1200N

PACKAGE CONTENT

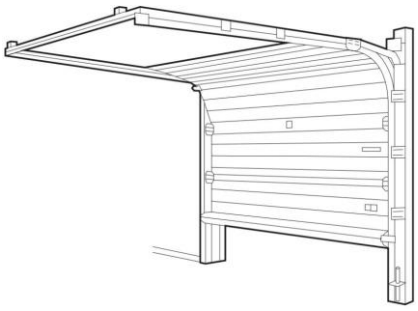


TECHNICAL DATA

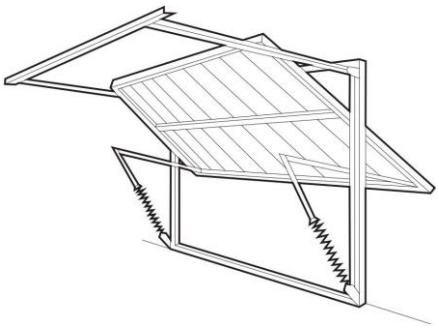
Model	ANUBIS 800	ANUBIS 1200
Pull and Push Force	800N	1200N
Motor Voltage	24V DC	24V DC
Voltage	230V, 50HZ	230V, 50HZ
Speed	120mm/s	120mm/s
Temperature Range	-20℃ ~ +45℃	-20℃ ~ +45℃
Max door Height	2,20 mt. with standard 3 mt. guide	2,20 mt. with standard 3 mt. guide
Remote Control Frequency	433.92MHZ	433.92MHZ
Remote Control Code	Rolling Code	Rolling Code
Remote Range (In Open Area)	50M	50M

DOOR TYPE

Sectional overhead garage door -



One piece overhead garage door:



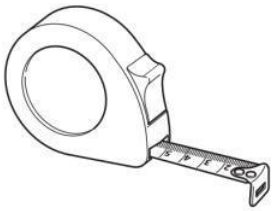
Functions:

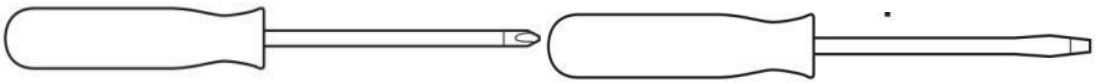
- Open the door smoothly with soft starts and stops
- Accurate Electronic limit switches
- Easy programming
- Obstacle detection (The door will reverse automatically if detect an obstacle while it is closing)
- Emergency manual release handle
- Automatic light when the door is activated, it automatically turns off four minutes later

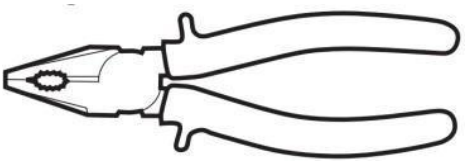
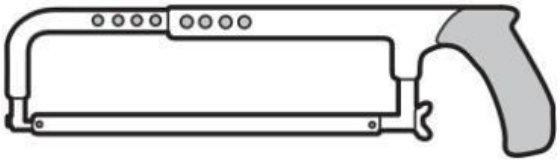
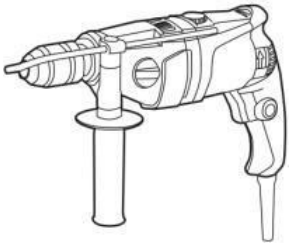
NEEDED TOOLS (NOT SUPPLIED):

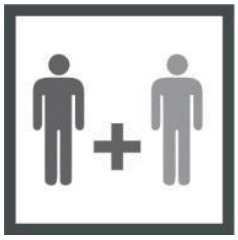




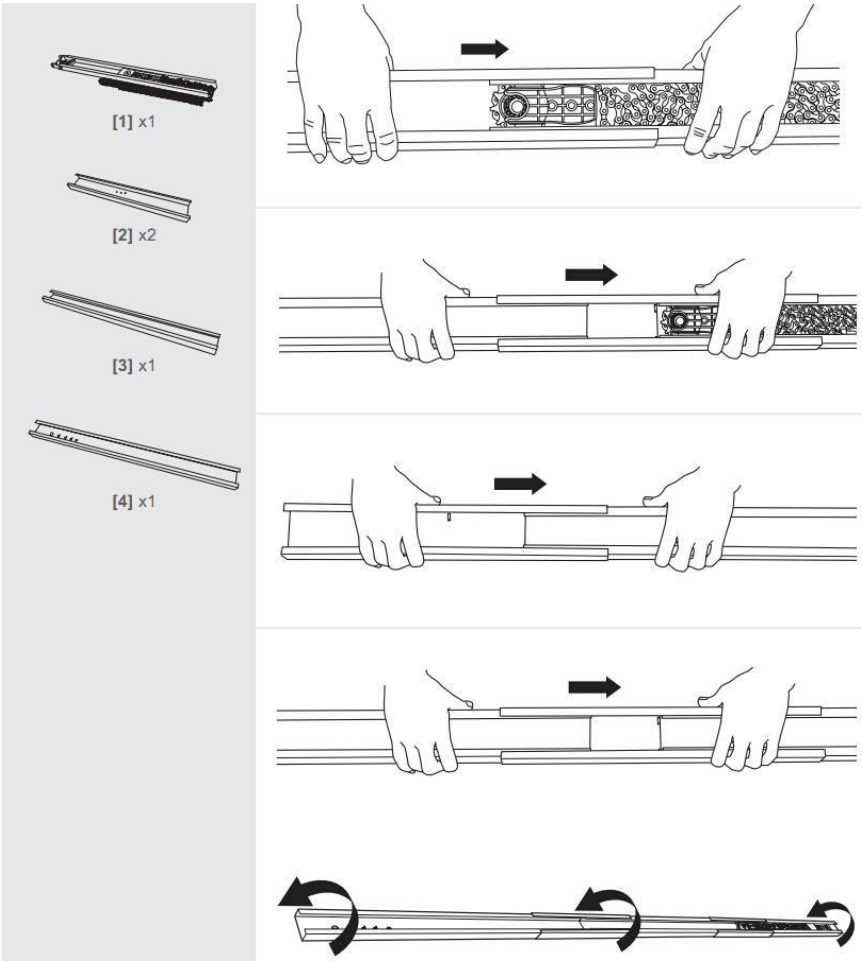




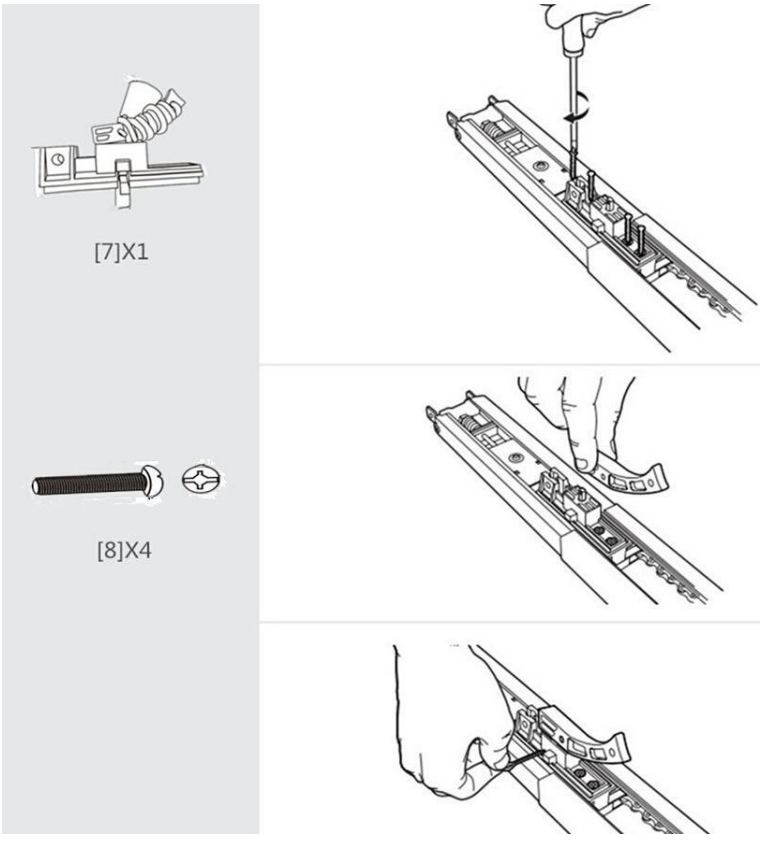





Another person for some tasks

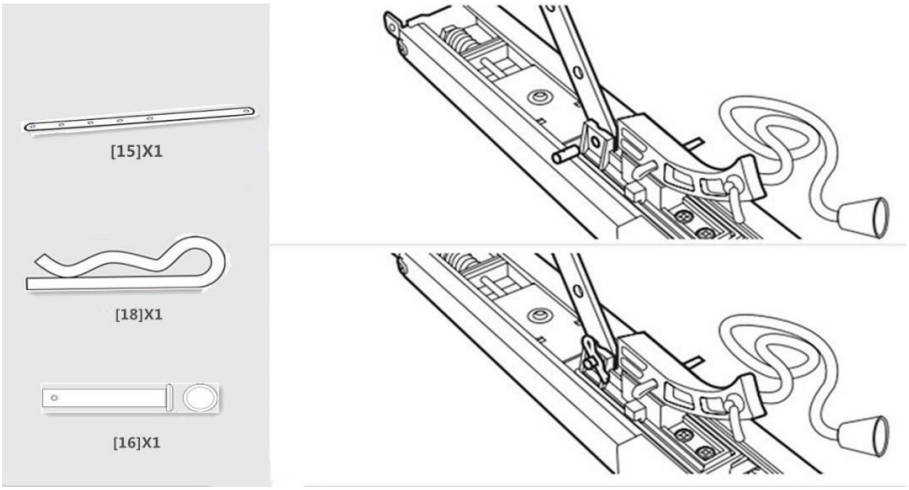
Assemble the rail and trolley



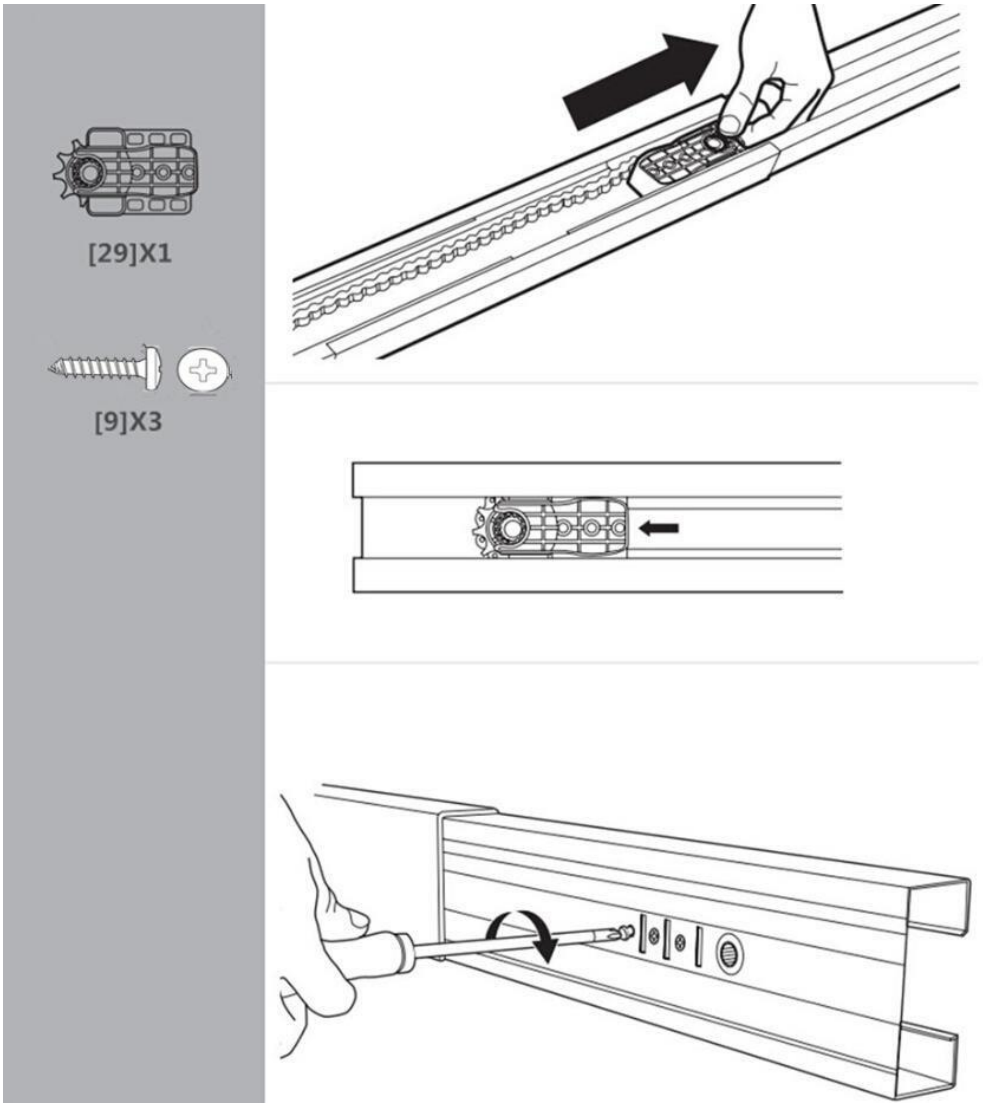
WARNING: To prevent injury from pinching, please keep hands and fingersaway from the joints while assembling the rail



Install the door arm



Position and secure the chain

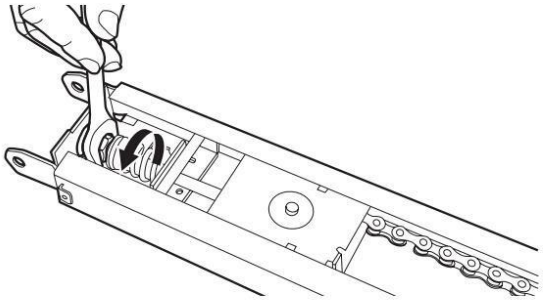


⚠**WARNING:** To avoid possible serious injury to fingers from moving garage door opener:

- Always keep hand clear of sprocket while operating opener
- Securely attach chain spreader before screwing

Tighten the chain

NOTES: During future maintenance, please always pull the emergency release handle to disconnect the trolley before adjusting the chain. Sprocket noise can result if the chain is too loose. Check for proper tension and readjust chain if necessary.

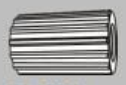


Fasten the rail to the power head

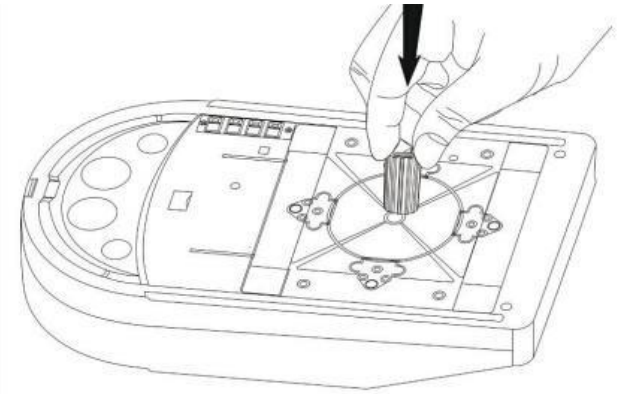
CAUTION: To avoid serious damage to garage door opener, please only use those bolts/fasteners mounted in the top of the opener.



[31]X1



[21]X1

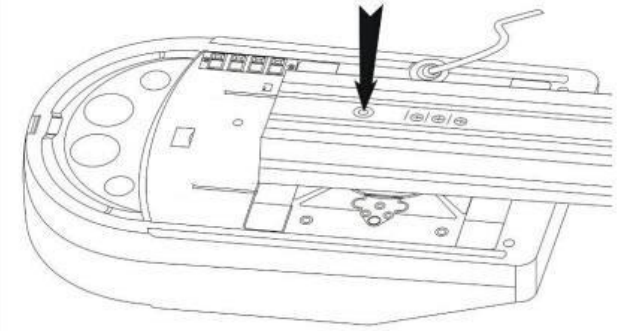


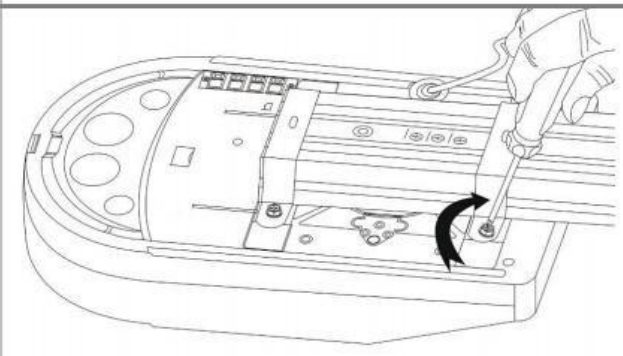


[6]X2

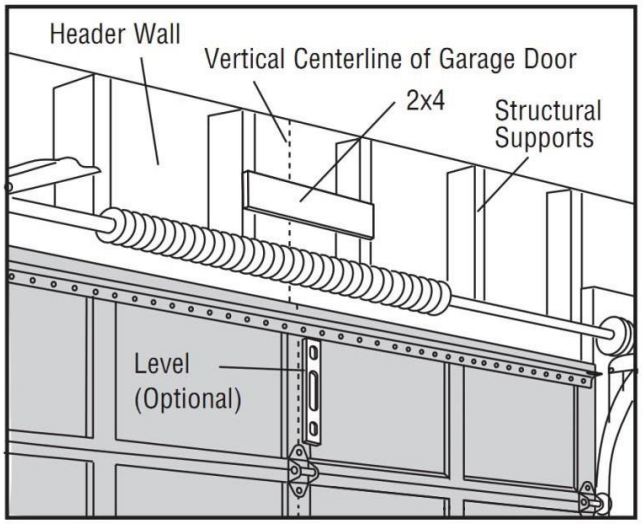


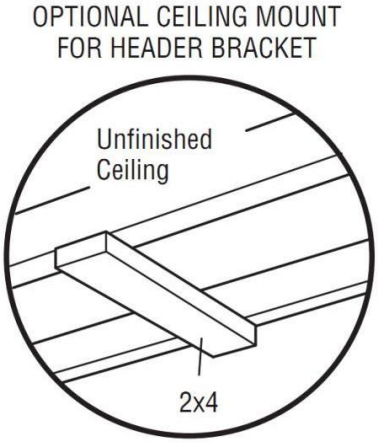
[20]X4

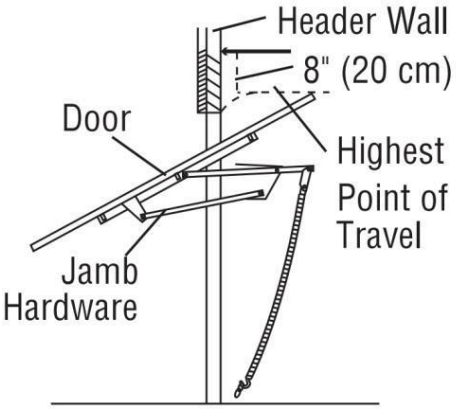




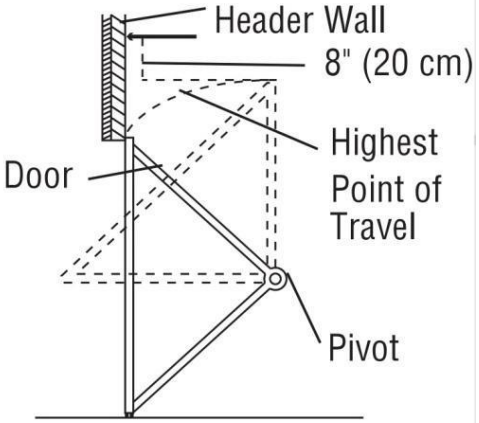
Header bracket location



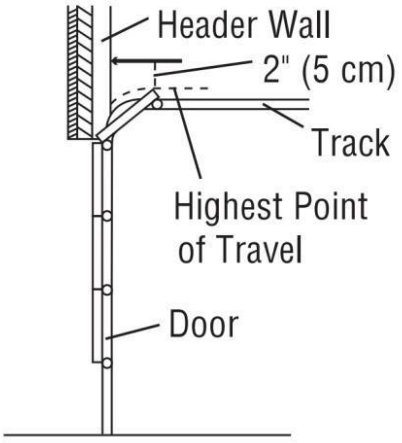




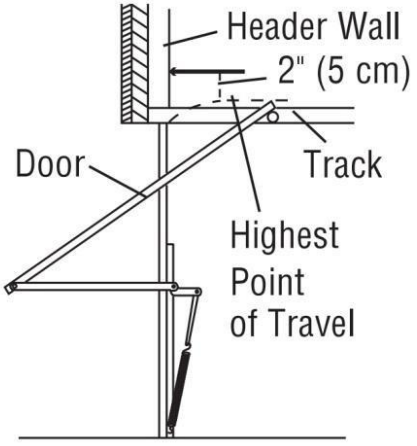
One-piece door without track: jamb hardware



One-piece door without track: pivot hardware



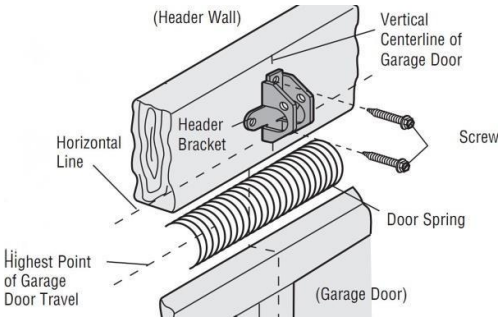
Sectional door with curved track

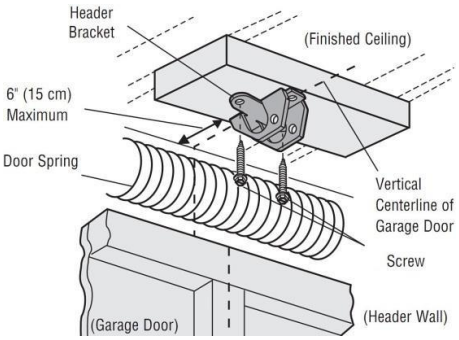


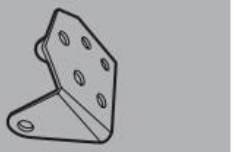
One-piece door with horizontal track

Install the header bracket

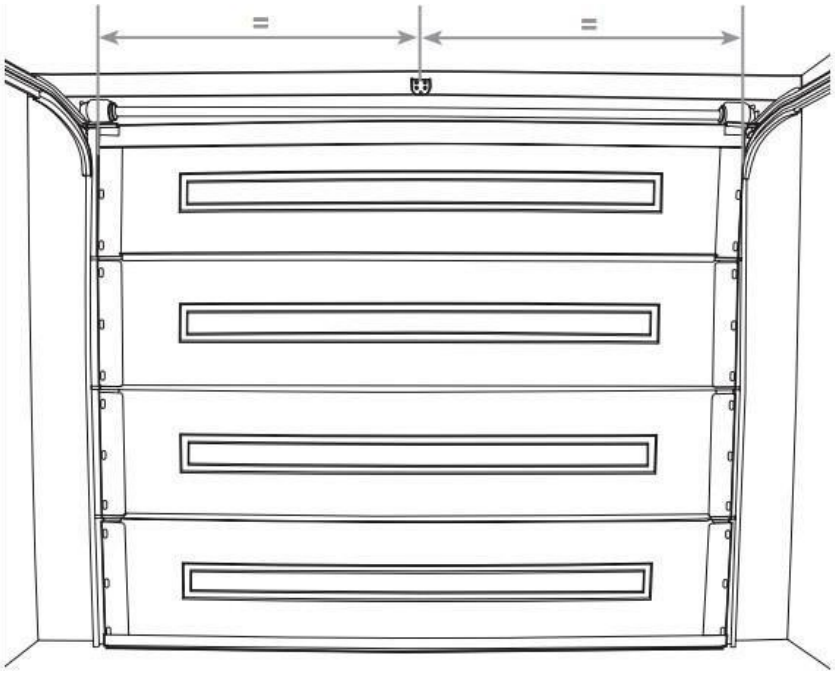
You can install the header bracket either to the wall above the garage door or to the ceiling. **Please do not install the header bracket over drywall. If installing into masonry, useconcrete anchors(not provided)**



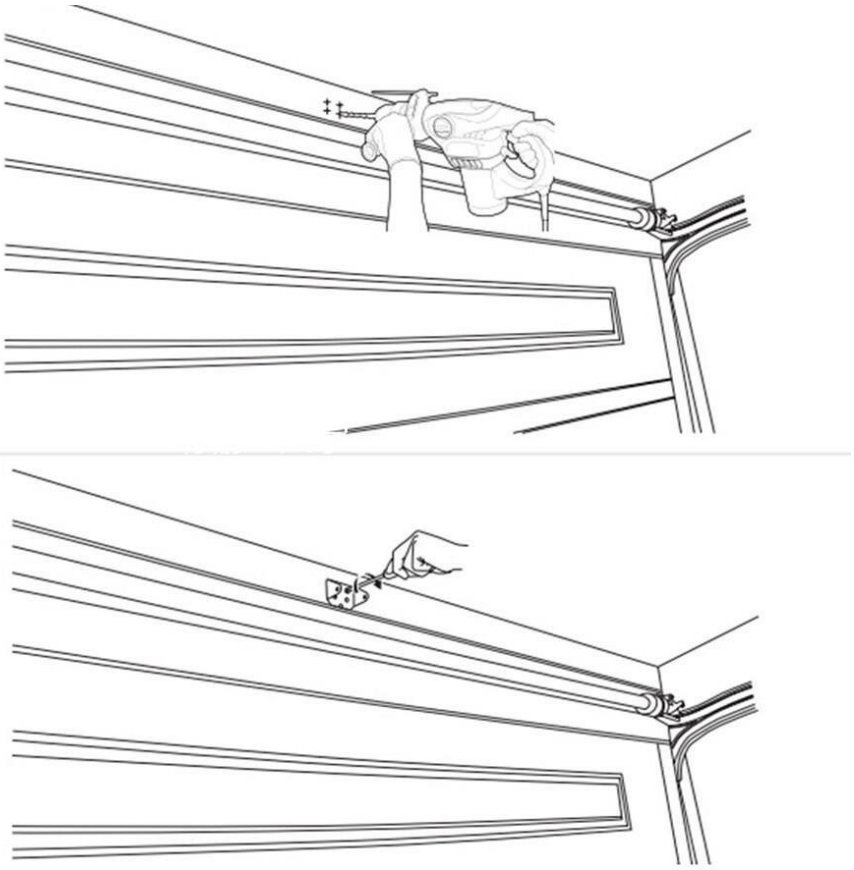




[11]X1

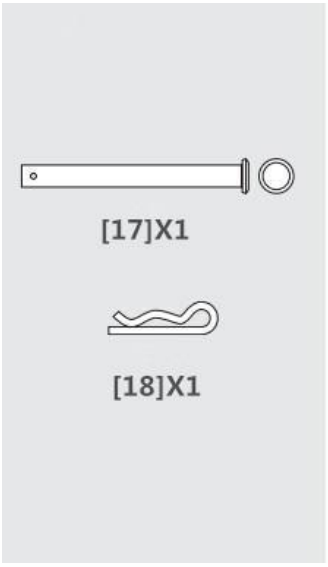


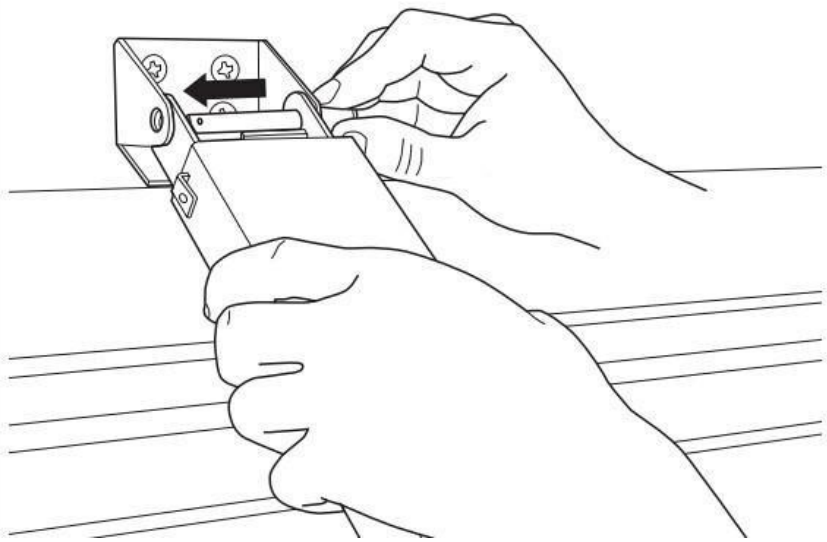


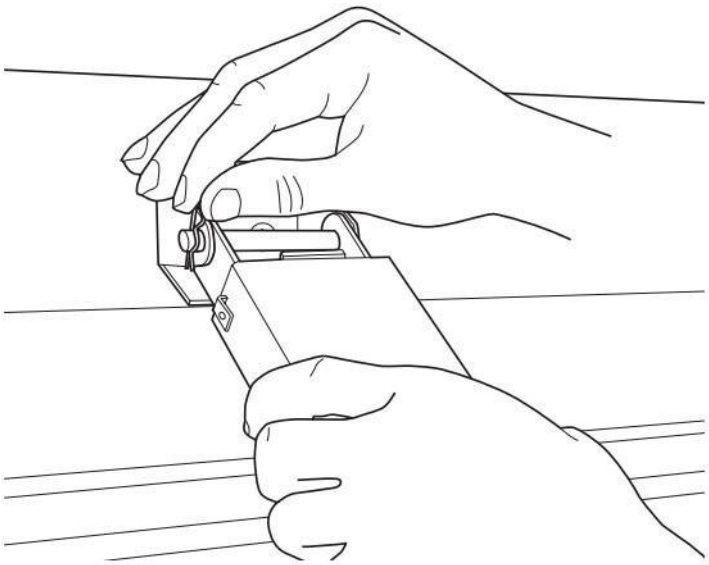


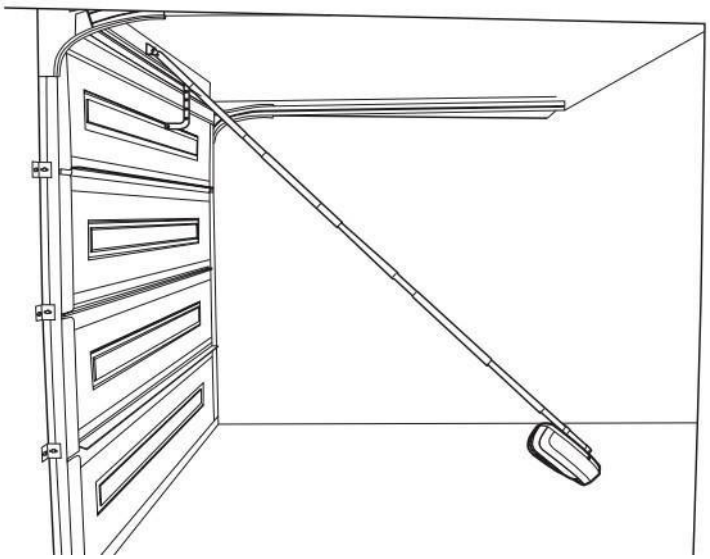
Attach the rail to the header bracket

Align the rail with the header bracket, insert the pin through the holes, secure with the fastener





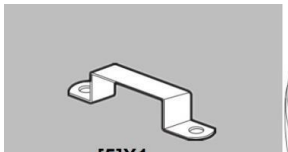


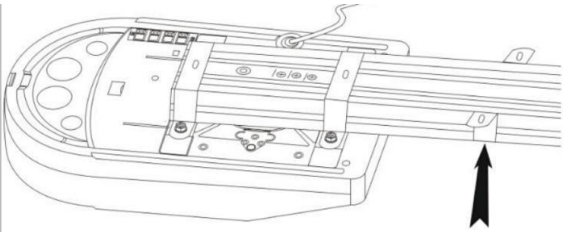


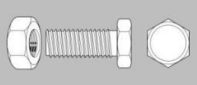
Position the garage door opener

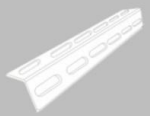
WARNING: Another person is now needed

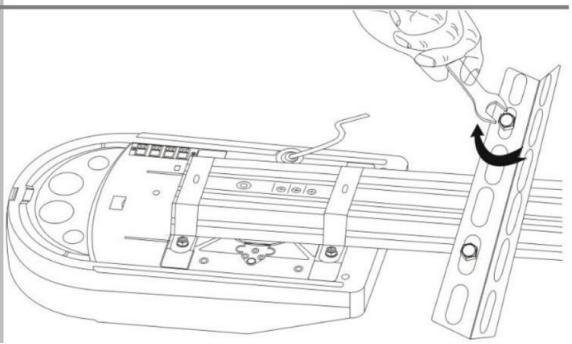
Attach the “U” bracket on the rail and connect the short angle iron by the screws.



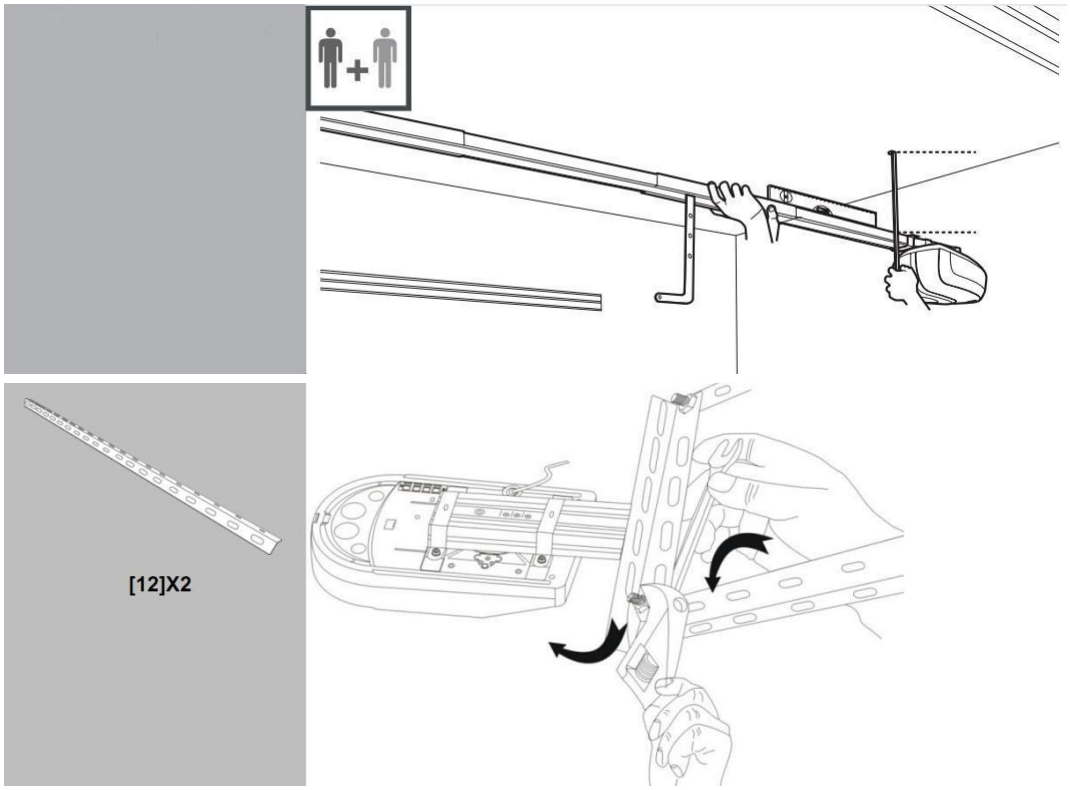




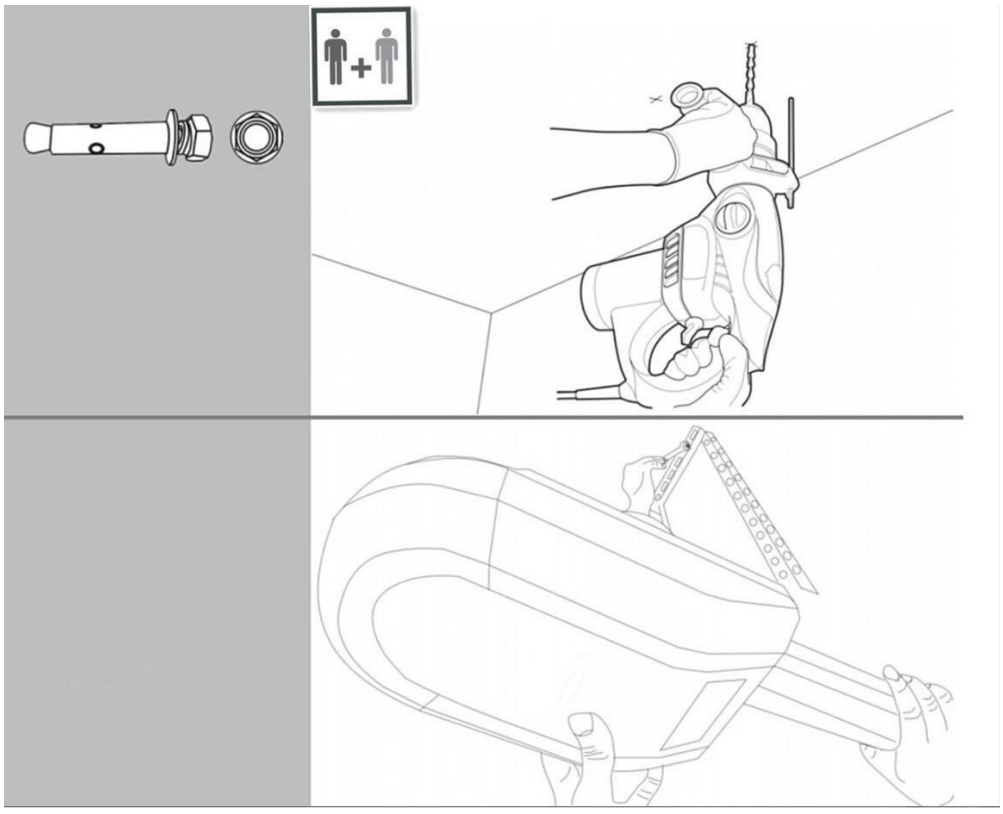




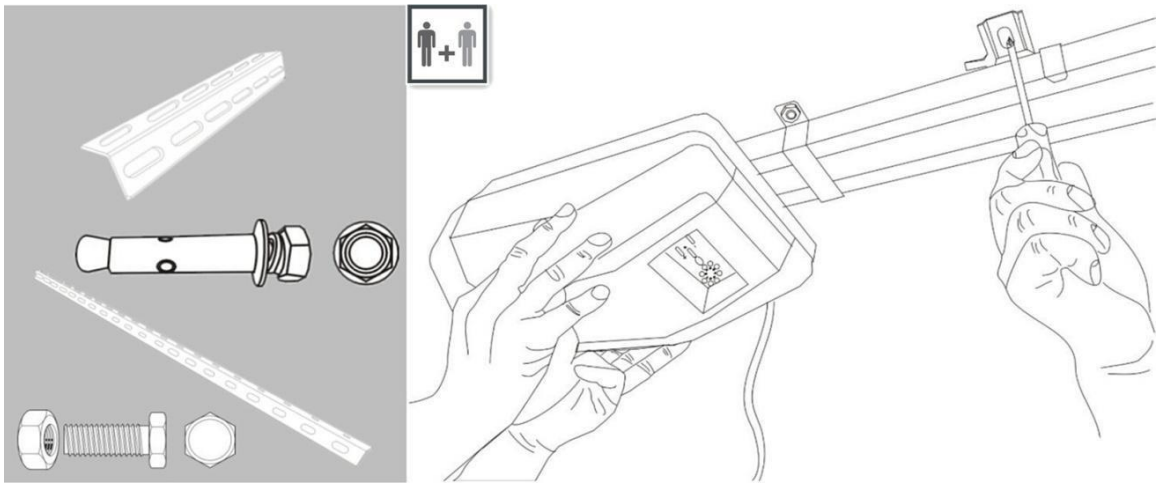
Position the rail horizontally and measure the distance between motor and ceiling. Make sure the garage door opener is aligned with the header bracket. Measure the distance from each side of the garage door opener to the ceiling. Cut two long angle irons accordingly and connect with two short angle irons by the same screws.



Attach the rail to ceiling with anchors and screws (not included)

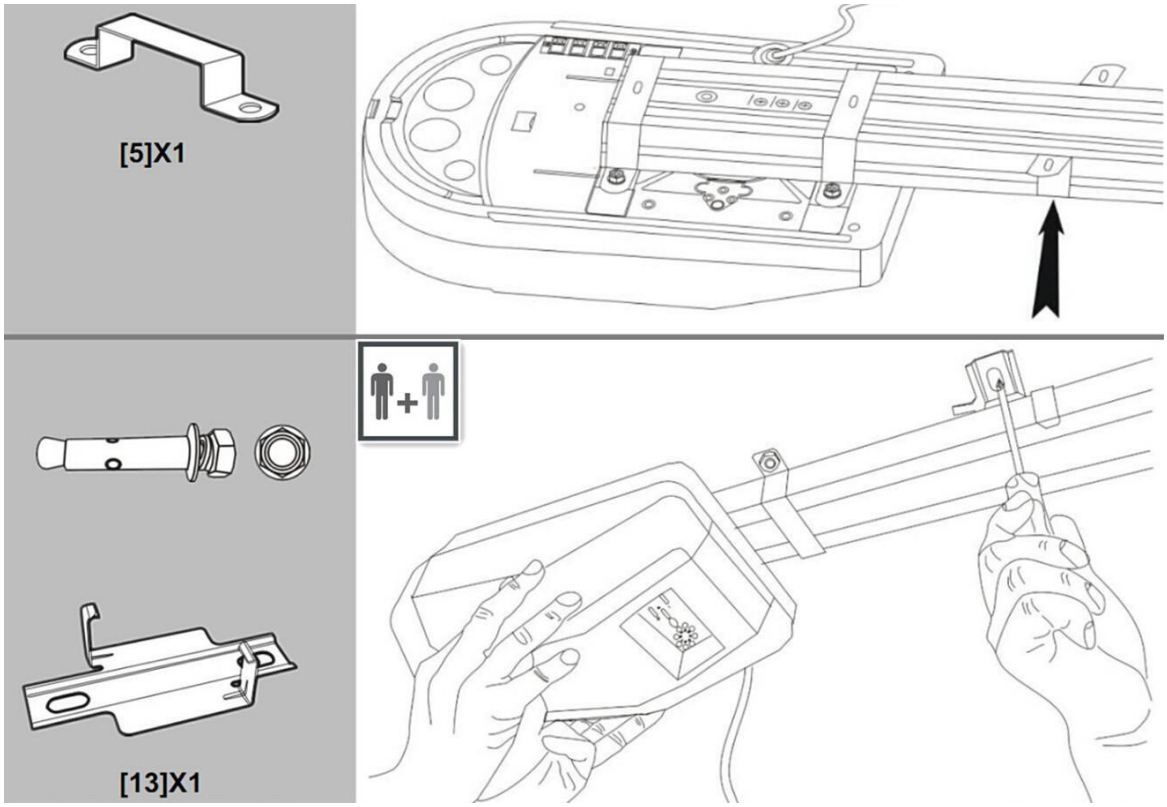


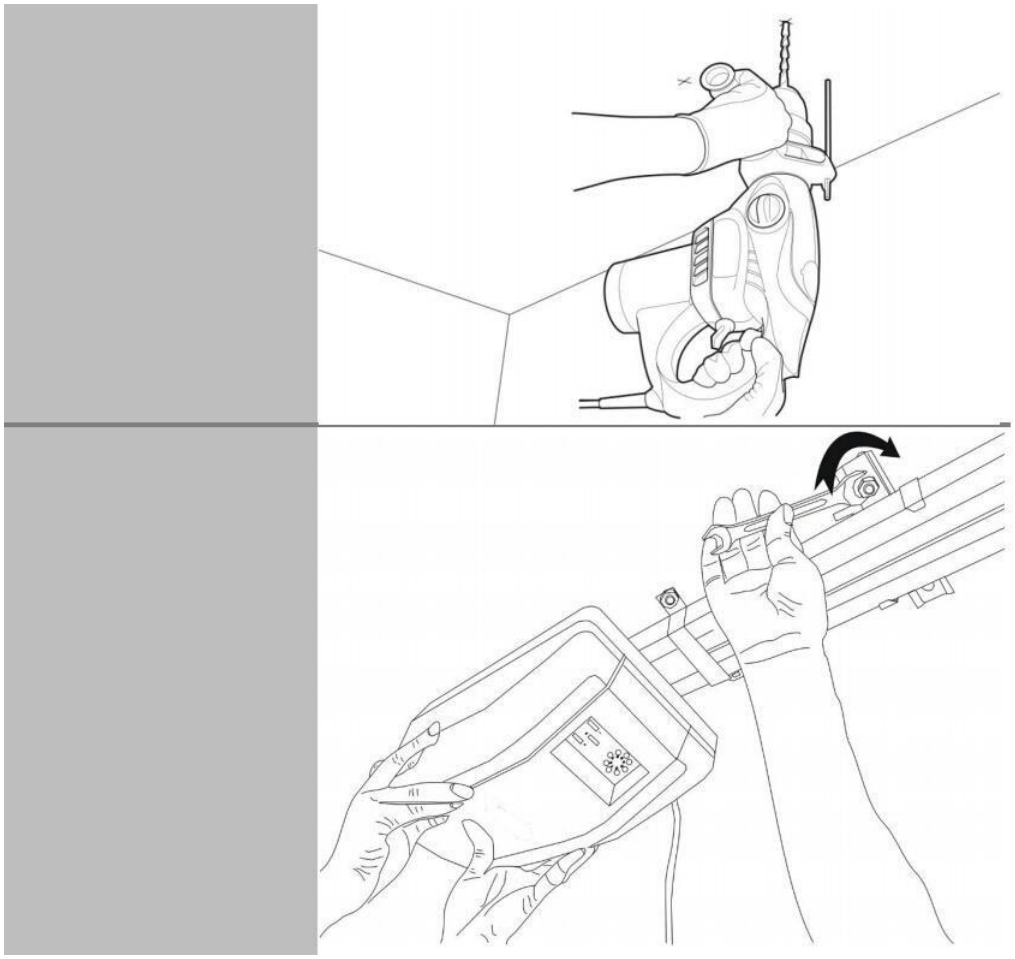
Attach the middle of rail to ceiling with hanging bracket, anchors , screws, and angle irons (not included)



⚠**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

Note: If the motor will be close to the ceiling, Only the "U" bracket (without hole) and the parts below are needed.



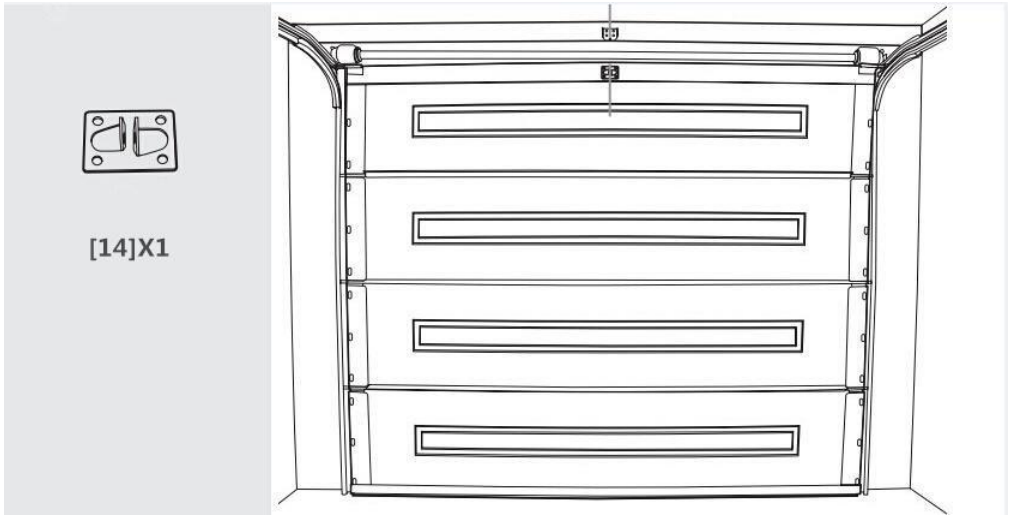


Install the door bracket

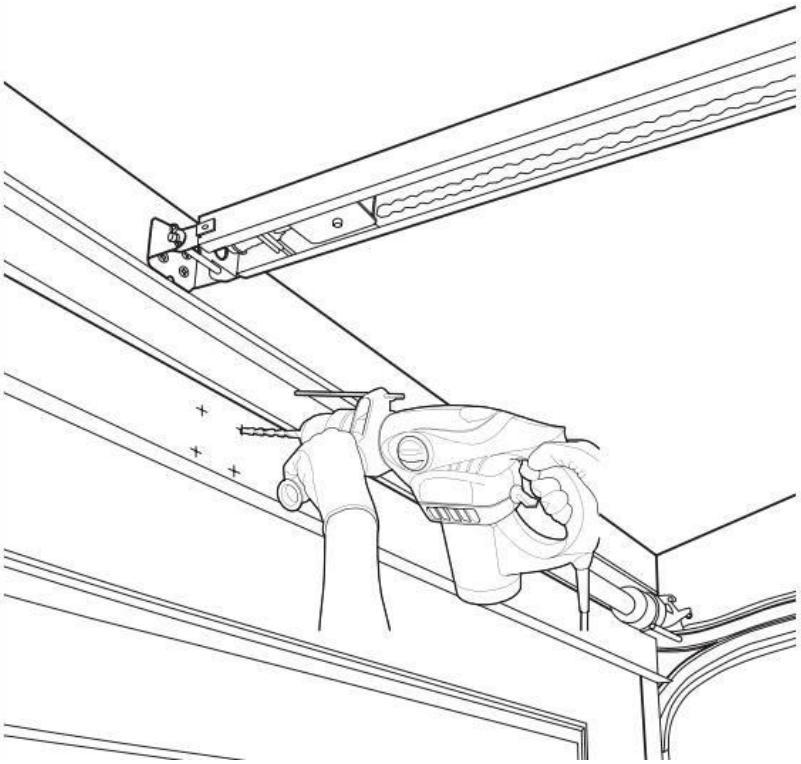
WARNING: Fiberglass, aluminum or lightweight steel garage doors will require reinforcement before installation of door bracket. Please contact your door manufacturer for reinforcement kit.

SECTIONAL DOORS

Center the door bracket on the previously marked vertical centerline used for theheader bracket installation. Note correct up placement, as stamped inside the bracket.

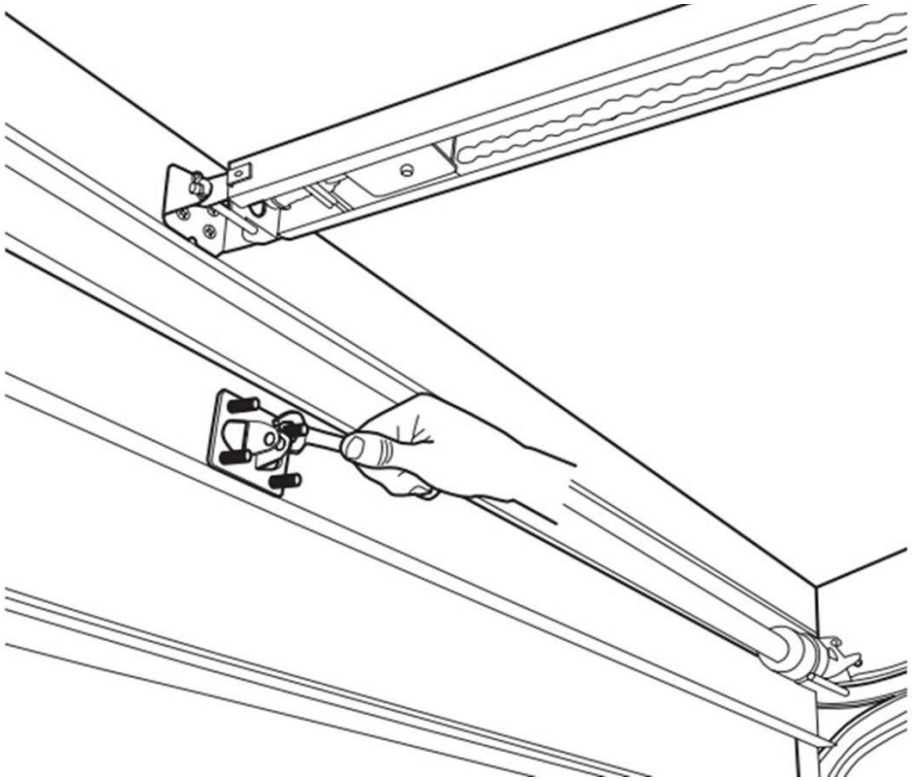


Position the top edge of the bracket 2”-4” (5-10cm) below the top edge of the door,or directly below any structural support across the top of the door.
Mark, drill holes and install as follow



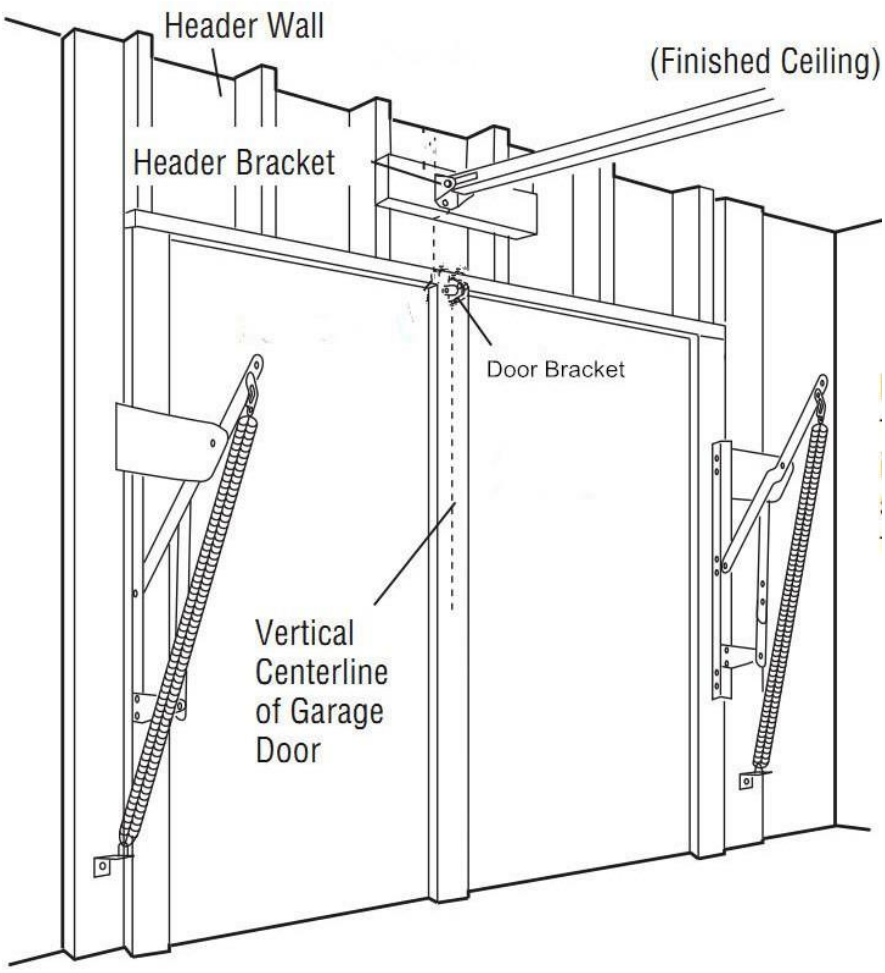


[23]X4



ONE-PIECE DOORS

Center the door bracket on the top of the door, in line with the header bracket as shown.

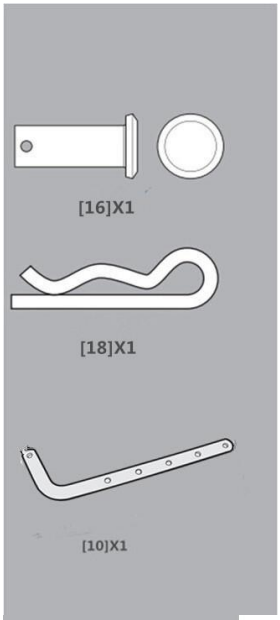


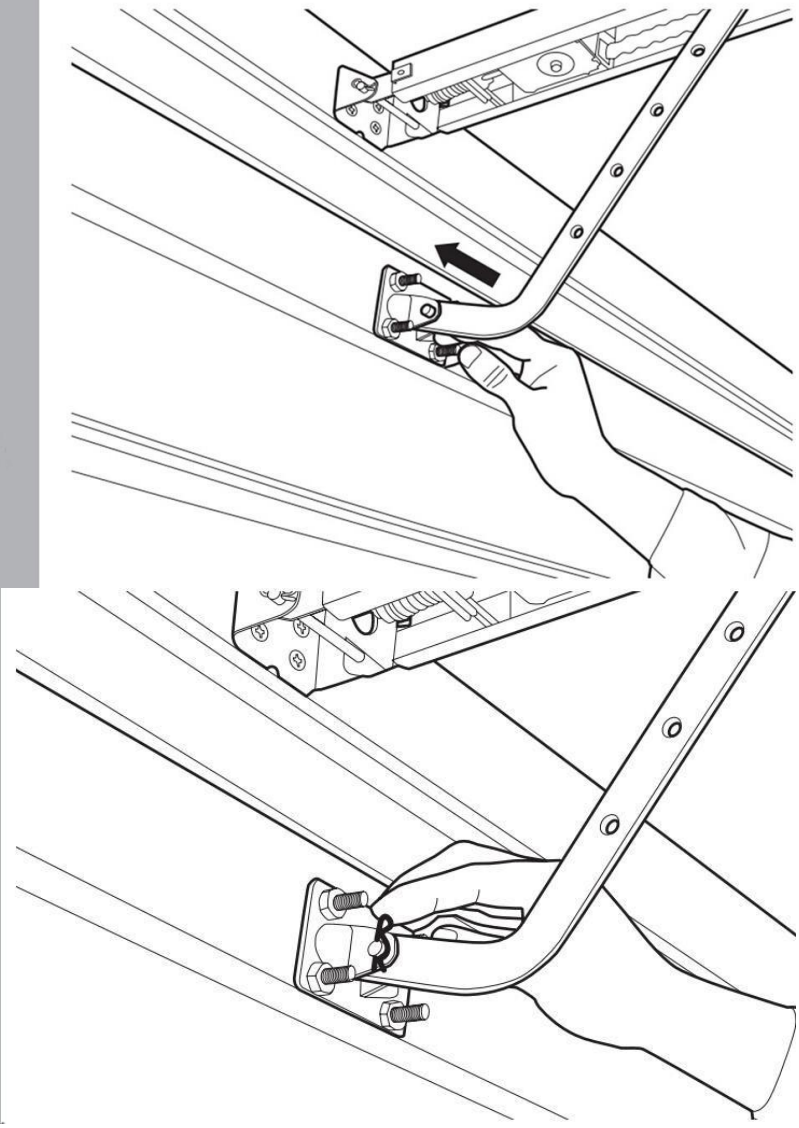
Connect the door arm to the trolley

SECTIONAL DOORS

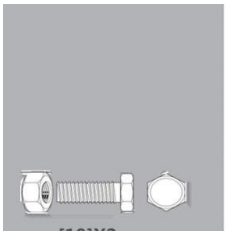
Close the door. Disconnect the trolley by pulling the emergency release handle

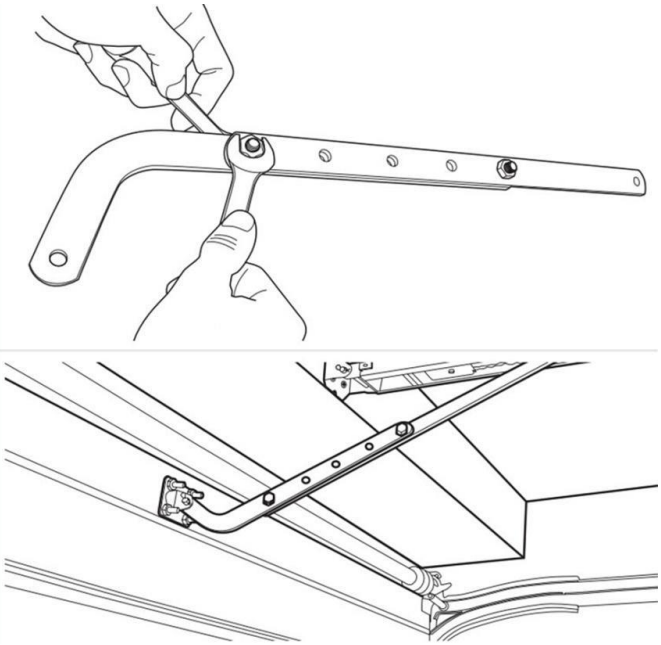
Attach the curved door arm to the door bracket using the clevis pin. Secure withthe fastener.



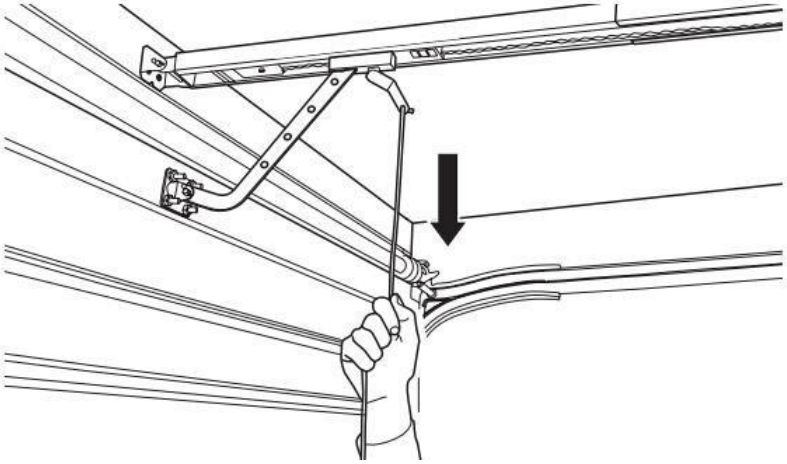


Bring arm sections together. Find two pairs of holes that line up and join sections. Select holes as far apart as possible to increase door arm rigidity and attach using the bolts, nuts and lock washers





Pull the emergency release handle toward the garage door opener until the trolley release arm is horizontal. The trolley will re-engage automatically when the garage door opener is activated.



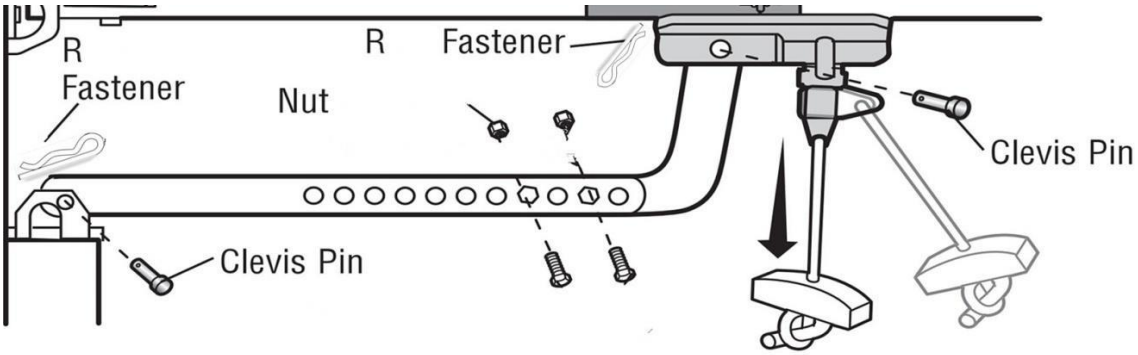
ONE-PIECE DOORS

Close the door. Disconnect the trolley by pulling the emergency release handle

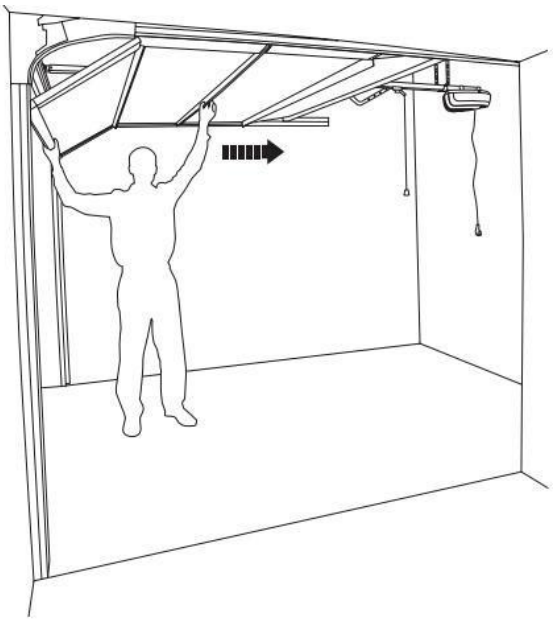
Attach the straight door arm to the door bracket using the clevis pin. Secure withthe fastener.

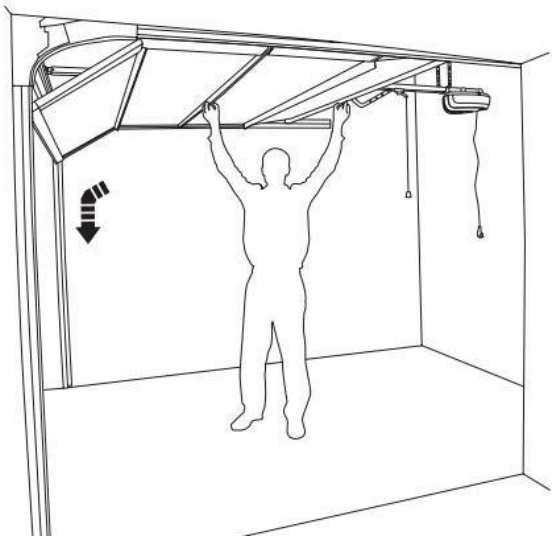
Attach the curved door arm to the trolley using the clevis pin. Secure with the fastener.

Pull the emergency release handle toward the garage door opener until the trolley release arm is horizontal. The trolley will re-engage automatically when the garage door opener is activated



Manually check that the door opens and closes completely and correctly.Bring the door in the engaged position**.**

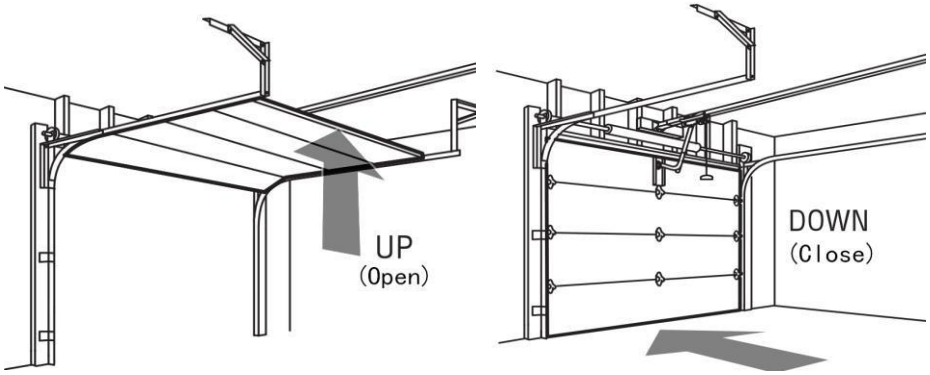




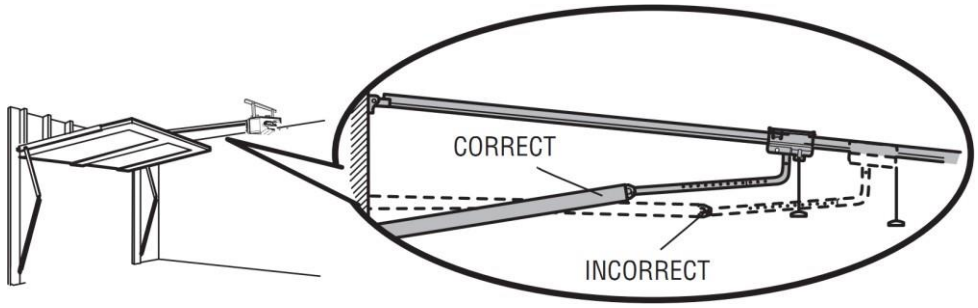
SETTINGS AND PROGRAMMING

- Any modification made to this product or the failure to observe the safety rules and regulations relieves the manufacturer of any liability resulting from damage or injury to property, persons or animals
- Incorrect adjustment of garage door travel limits will interfere with proper operation of safety reversal system.
- After any adjustments, the safety reversal system must be tested.
- Keep the controls of the door out of reach of children.
- Control the door only when the gate is completely visible
- When possible, use emergency release only when the door is closed. Pay attention when using the release with the door open. Weak or broken springs may increase the rate of the door closure, increasing the risk of severe injury or death.
- KEEP DOORS PROPERLY BALANCED. An improperly balanced door increases the risk of severe injury or death.
- All the operations must be done by qualified personnel

The adjustments allow you to program where the door will stop in the open (UP) and close (DOWN) position.
If anything interferes with the door upward travel: it will stop. If anything interferes with the door downward travel: it will reverse.



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



Symbols Introduction

State of the Leds



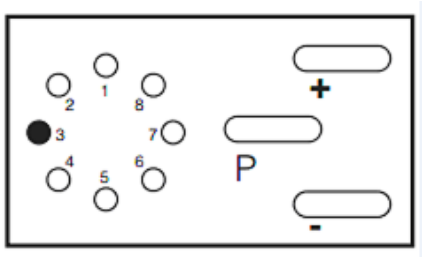
State of Button



8 LED lamps and 3 buttons are used for programming:

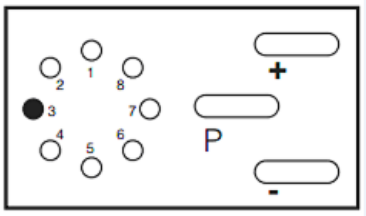
“P” Enter and select programming menus.

“+” “-” Move the door during programming and advance through menus.

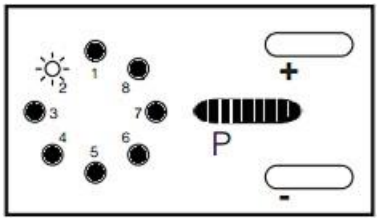


Setting the UP Limit (Fully Open)

Power the motor and LED3 turns on

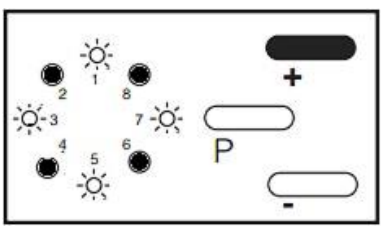


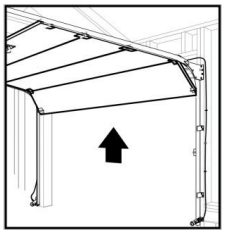
Press and release the "P" button, LED2 will flash.



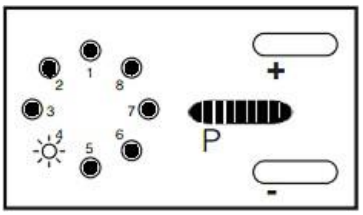
Press and hold the "+" the garage door opens. When the garage door is fully opened, release the “+” button. If you are over the desired point, press and release the “-” to move the door back slightly. You can reach the desired point by “+” and “-” buttons.

It is important that the red cord is not stuck in the powerhead to allow the manual operation.





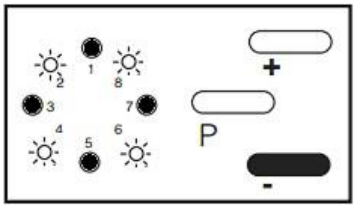
Press and release the “P” button to save the setting, LED 4 will flash

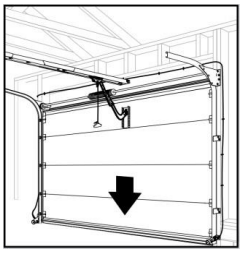


The UP limit is now set.

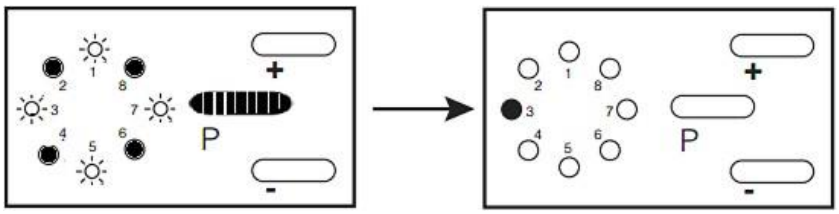
Setting the DOWN Limit (Fully Close)

LED4 is flashing now, press and hold the “-” to close the garage door. When the garage door is fully closed, release the “-”.If you are over the desired point, press and release the “+” to move the door back slightly.





Press and release the “+” button to save the setting. Meanwhile, the garage door opener will operate one time for testing. And LED3 turns on



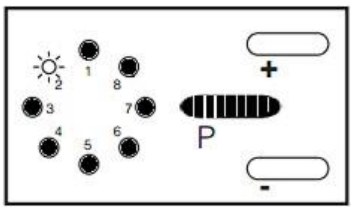
The DOWN limit is now set.

Adjust the Operating Force

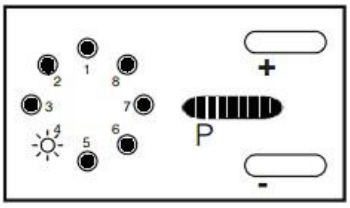
NOTE: Force limit is factory set and rarely require adjustments.

Adjusting the Opening Force (UP)

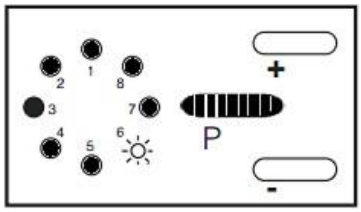
Press and release the “P” button, LED2 will flash



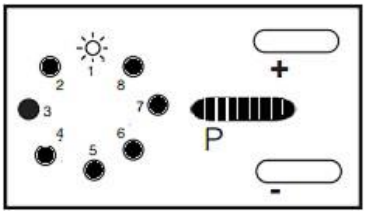
Press and release the “P” button, LED4 will flash



Press and release the “P” button, LED6 will flash



Press and release + (plus) or - (minus) button to adjust the force. The factory set is 4, the max force is 8, the min is 1. Press and release “P” button to save, LED1 will flash

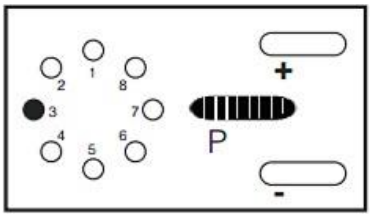


Opening Force (UP) is now adjusted.

Adjusting the Closing Force (DOWN)

LED1 is flashing now, Press and release + (plus) or - (minus) button to adjust force, the factory set is 3, the max force is 8, the min is 1. Press and release “P” button to save, LED3 turns on

Force of DOWN(Close) is now adjusted.



Optional Automatic closing after a set time (from default it’s not activated)

Press and release the “P” button, LED2 will flash, Press and release the “P” button, until the LED8 will flash.

Press + or – to select the desired value according to this table:

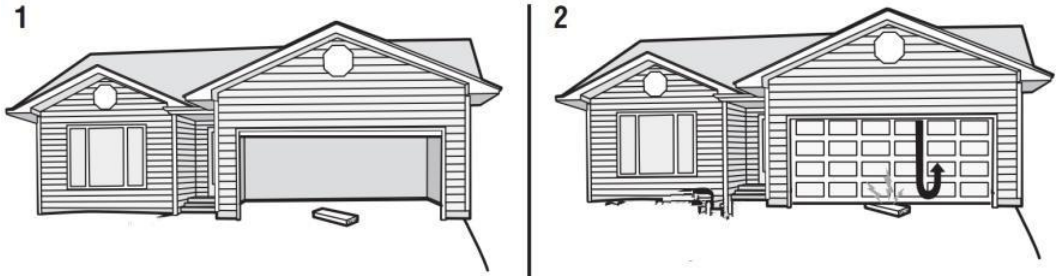
LED	1 default	2	3	4	5	6	7	8
SECONDS	**NO AUTOMATIC CLOSING**	5	10	15	30	60	120	180

Test the Safety Reversal System

⚠ **WARNING**: Without a proper setting, People and mostly children could be seriously injured or killed by a closing garage door:

- Safety reversal system must be tested every month
- After any adjustments, the safety reversal system must be tested. Door must reverse on contact with 5cm high object on the floor:

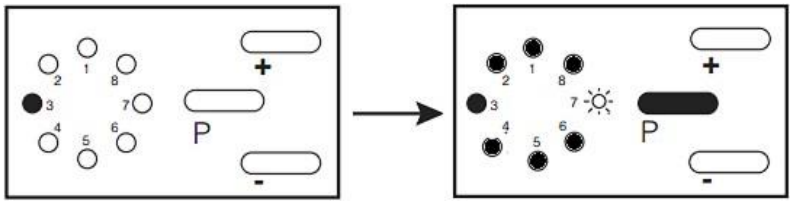
With the door fully open, place a 5cm object on the floor, centered under the garage door. Press the remote control to close the door. The door must reverse when it makes contact with object.



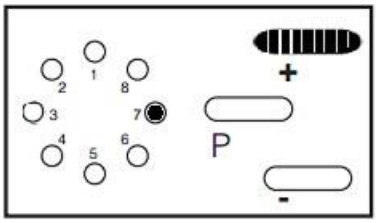
If the door stops but does not reverse on the obstruction, the down limit needs to be increased. Repeat the test. When the door reverse upon the contact with the 5cm object, remove it and open and close the door a few times to test the adjustment.

Remote Controls Pairing

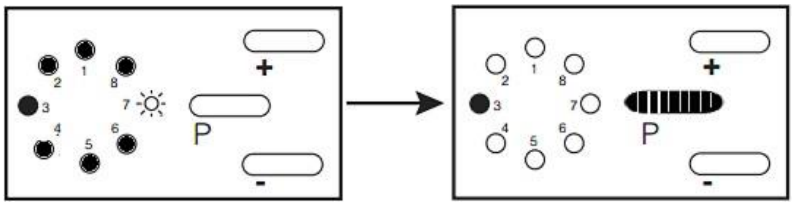
Press and hold the “P” button, till LED7 starts flash



Press and release the “+” button, all LEDs turn off except LED7



Press and release the desired button of the remote controls two times, all the LEDs turn on and LED7 starts flashing. Press and release “P” button to save



BASIC PROGRAMMING IS COMPLETE AND YOUR GARAGE DOOR OPENER IS READY TO USE.

Emergency release

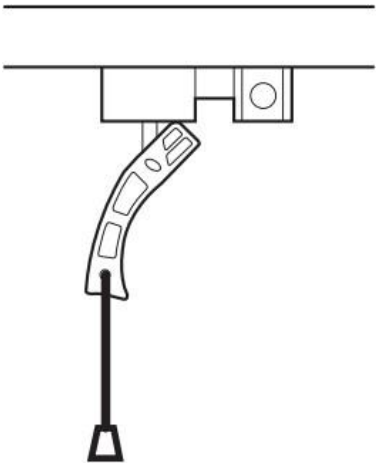
⚠ WARNING: To prevent possible SERIOUS INJURY or DEATH from falling of the garage door:

- If possible, use the emergency release handle to disengage the trolley ONLY when the garage door is CLOSED. If the springs are weak, broken or unbalanced, the door could fall rapidly and unexpectedly.
- NEVER use emergency release handle unless the garage doorway is clear of people and obstructions.
- NEVER use the handle to pull the door (open or closed)

DISCONNECT THE TROLLEY

The door should be fully closed (if possible).

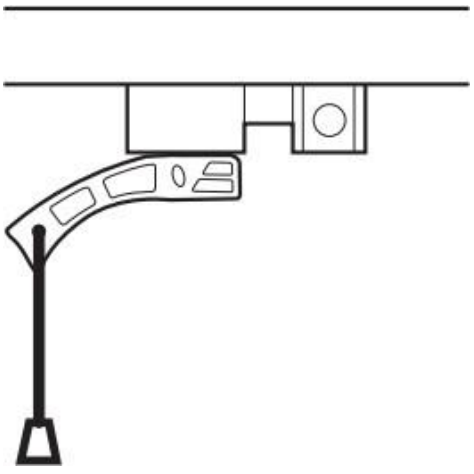
Pull down on the emergency release handle so the trolley release arm snaps to the vertical position. The door can now be move manually.



RECONNECT THE TROLLEY

Pull the emergency release handle toward the garage door opener so the trolley release arm snaps to the horizontal position .

The trolley will reconnect on the next UP or DOWN movement, either manually or by remote controls.



Symptom	Possible cause	Solution
The automatic system begins to work, but stops immediately.	The garage door is locked.	Unlock the gate and try again.
	The mechanism was not properly installed	Rule assembly according to the instructions in this manual.
	The power is not properly regulated.	Adjust the power according the instructions in this manual.
The automated system will not work, and moreover it is not light.	The operation times are not set correctly.	Adjust the time according to the instructions in this manual.
	The springs are worn or too tight. The automatic system cannot move the gate.	Replace old and worn feathers.
	The automatic system is not connected to the electricity.	Connect to an socket with 220V
	The socket is not powered.	Check the board with fuses.
The automatic system opens and /or closes the gate not completely.	The port is blocked by an obstacle.	Remove the obstacle.
	The opening and closing times are not properly regulated.	Adjust the time according to the instructions in this manual.
	The engine power is not properly regulated.	Adjust the power according to the instructions of this manual.
The remote does not work.	The battery is empty.	Replace the battery according to the instructions of this manual.
	The remote is not installed yet.	Programming the remote control according to the instructions of this manual.
	All codes are erased from the automated system.	The remote control should be re-programmed according to the instructions
The automated system works, but the door does not open.	The motor is disconnected.	Put the disconnection lever of the trolley back into the horizontal position.
	The chain is not properly tightened.	Adjust the tension according to the instructions in this manual.

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Contact: info@oxygenautomation.com