Roller Opener

Instruction Manual
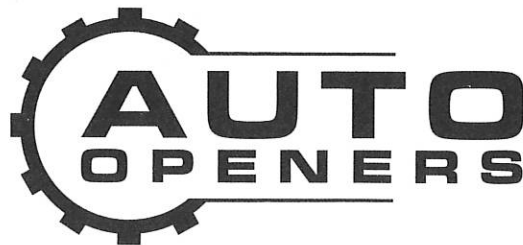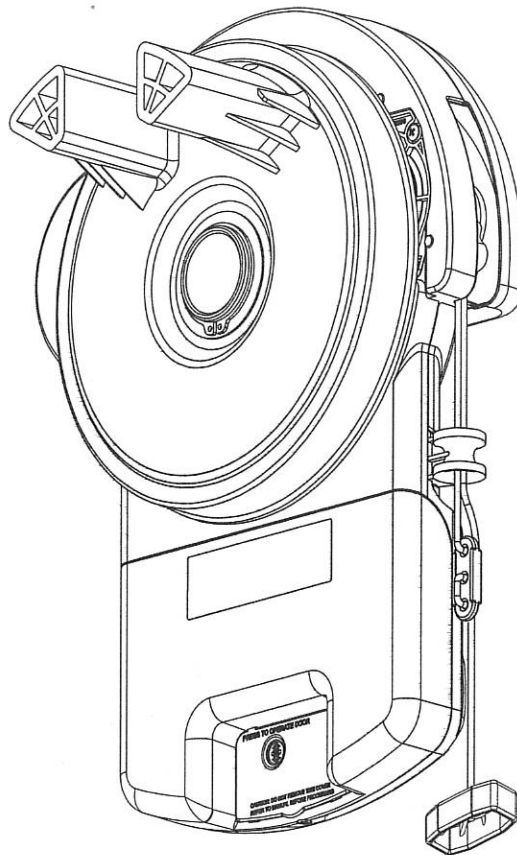
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Installation Instructions

Home Owner Instructions

1. Installation Safety Warnings!

This automatic garage door opener is designed and tested to offer safe service provided it is installed and operated in strict accordance with the following safety warnings. Failure to comply with the following instructions may result in death, serious personal injury or property damage.

WARNING!

- The door may operate unexpectedly, therefore do not allow anything to stay in the path of the door.
- When operating the manual release while the door is open, the door may fall rapidly due to weak or broken springs, or due to being improperly balanced.
- The drive must not be used with a door incorporating a wicket door, unless the drive cannot be operated with the wicket door open.
- The drive is intended to be installed at least 2.5m above the floor.
- Do not disengage the opener to manual operation with children/persons or any objects including motor vehicles within the doorway.
- If the door is closing and is unable to re-open when obstructed, discontinue use. Do not use a door with faulty obstruction sensing
- When using auto close mode, a Photo Electric beam must be fitted correctly and tested for operation at regular intervals. Extreme caution is recommended when using auto close mode. All safety rules must be followed.

ELECTROCUTION!

- Place opener in protected area so that it does not get wet.
- Do not spray with water .
- Disconnect the power cord from mains power before making any repairs or removing covers. Only experienced service personnel should remove covers from the opener.
- If the power supply cord is damaged, it must be replaced by a suitably qualified person.
- Connect the opener to a properly earthed general purpose 240V mains power outlet installed by a qualified electrical contractor.

CAUTION:

Emergency Access
- If garage has no pedestrian entrance door, an emergency access device should be installed. This accessory allows manual operation of the garage door from outside in case of power failure.

Muscular strain
- Practice correct lifting techniques (carton weighs approx 9kgs)
- Practice correct lifiting techniques when required to lift the door as per installation instructions.

Fall from ladder
- Ensure ladder is the correct type for job.
- Ensure ladder is on flat firm ground that will take the weight without the legs sinking.
- Ensure user has 3 points of contact while on ladder.

Crush injury from unsecured door
- Place a 2 metre exclusion zone around area under the door while it is unsecured.
- Do not move under a door while it is on the door support (or ladder)
- Follow the installation instructions
- Fit door support (or ladder) snugly under door before removing bracket.
- Ensure door support (or ladder) is on flat ground

Garage Door
- Examine the door installation, in particular, springs and mountings for signs of wear, damage and imbalance.
- The garage door must be well balanced. Sticking or binding doors must be repaired by a qualified garage door installer prior to installation of the opener.
- Remove or disengage all garage door locks and mechanisms prior to installation of the opener.

Entanglement
- Never plug in and operate opener prior to installation.
- Keep hands and loose clothing clear of door and guides at all times.

Entrapment under operating door
- DO NOT operate the opener unless the garage door is in full view and free from objects such as cars and children/people. Make sure that the door has finished moving before entering or leaving the garage
- In order for the opener to sense an object obstructing the door way, some force must be exerted on the object. As a result the object, door and/or person may suffer minor damage or injury.
- Ensure the garage door is in good working order by undertaking regular servicing.
- Install the optional wall transmitter in a location where the garage door is visible, but out of the reach of children at a height of at least 1.5m.
- Photo Electric beams must be installed if the closing force at the bottom edge of the door exceeds 400N (40kg)

2. Kit Contents
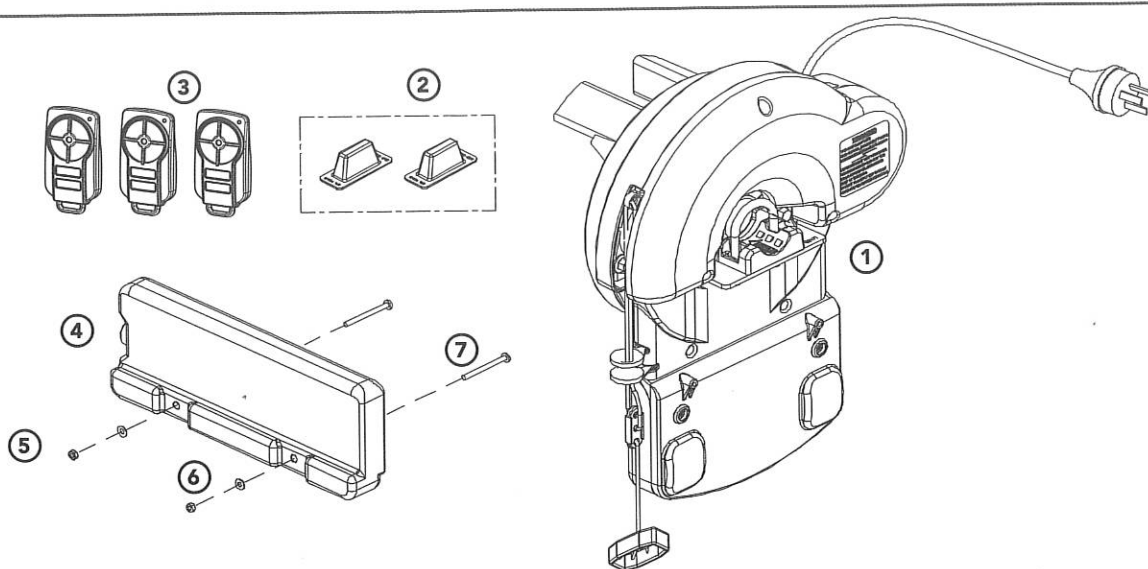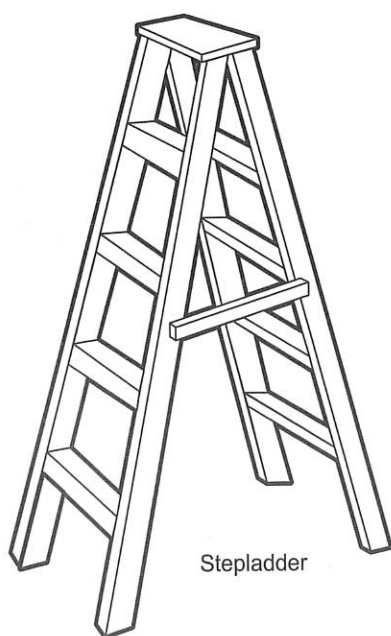

1. 1 x Roller Opener drive unit
2. 2 x Locking Bar Covers
3. 3 x Transmitters
4. 1 x Weight Bar

Fastner Bag
5. 2 x Nilock Nut
6. 2 x 3/16 x 1/2 flat washers
7. 2 x Pan Head Screw M4 x 50mm

3. Tools Required

Adjustable End Wrench

Drill
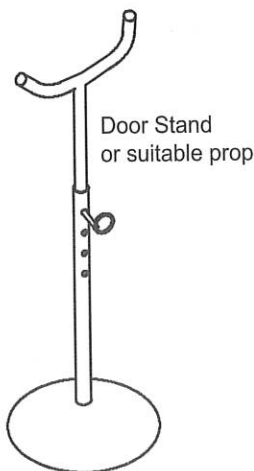
4 x tech screws
($5/16$ x 30mm)

Door Stand
or suitable prop
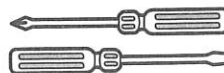
Screwdrivers
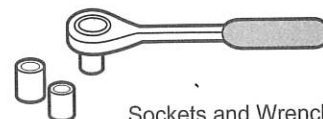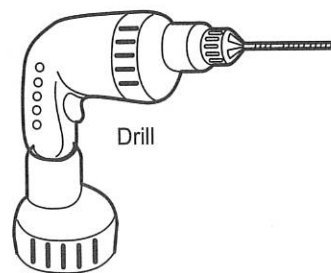
Sockets and Wrench

Stepladder

Pencil

4. Setup Requirements

The Opener:
a. MUST BE installed in a dry position, protected from weather. (Moisture or corrosion not covered by Warranty)
b. Is factory set for RIGHT HAND SIDE installation (from inside garage), but capable of LEFT HAND SIDE installation.
c. REQUIRES properly earthed 3 pin single phase power within an arms length of door and at a suitable height
d. Requires a MINIMUM SIDEROOM of 40mm from the edge of the door to the inside of the door bracket and 85mm to the wall.
e. CAN NOT be installed on a Door Axle Diameter that exceeds 35mm.

LEFT HAND SIDE   **RIGHT HAND SIDE**
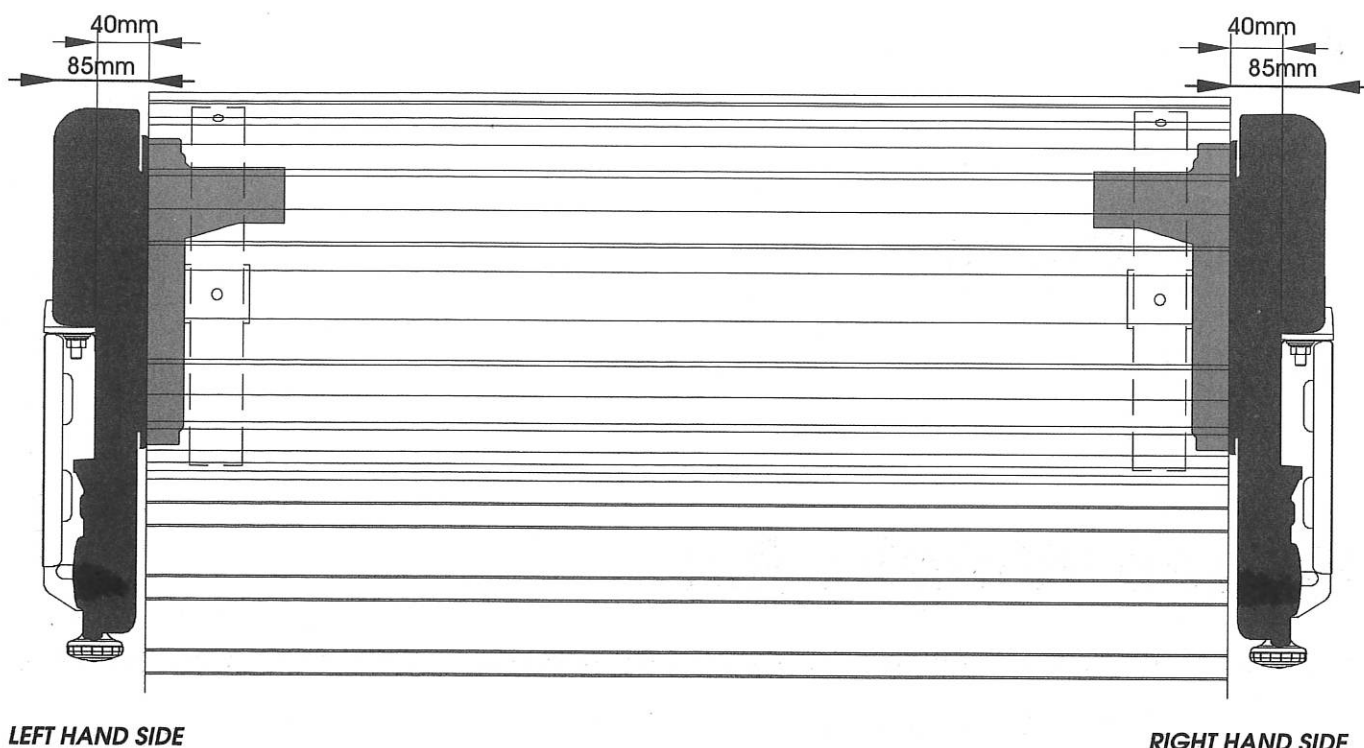
⚠ **WARNING! A portable power generator is not recommended due to spikes, surges and fluctuations in the supply.**

Unsuitable Door Types
The drive must not be used with a door incorporating a wicket door, unless the drive cannot be operated with the wicket door open. The fitting of an opener to doors with removable mullions is not recommended.

Sideroom
The minimum sideroom required from the edge of the door curtain is 40mm to the inside of the door bracket, and 85mm to the wall as per diagram.

Minimum Side room
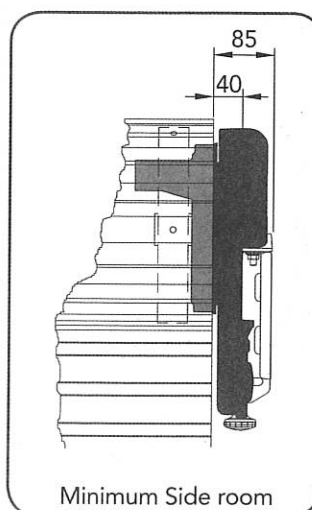
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5. Door Preparation

Prepare the Door:
a. Clean the guides if there is any oil or wax present using a suitable white spirit. The only lubricant suitable for use on door guides is silicon spray. DO NOT use WD-40, RP-7, petroleum grease, or similar.
b. Remove the locking bars or disable the lock.
c. Install the locking bar covers ② if there are locking bar holes in the guides. This ensures fingers cannot be placed in the holes while the door operates
d. Affix the supplied warning labels where they are clearly visible on the inside of the door.
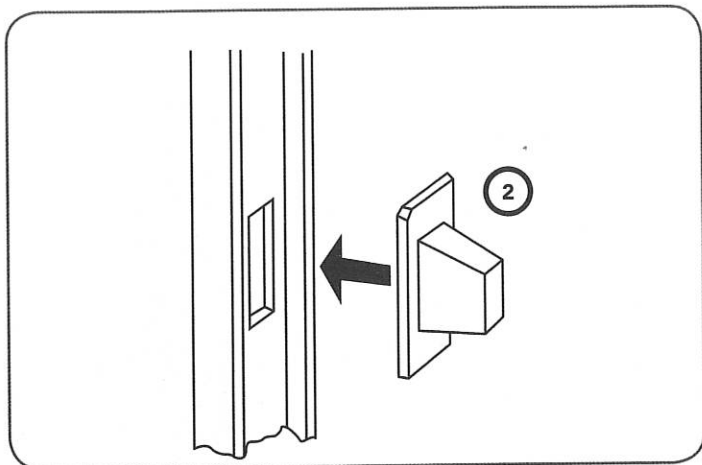
6. Fit the Weight Bar

If the door has a handle a weight bar must be fitted to ensure the door doesn't balloon during operation:
a. Remove the door handle
b. Fit the weight bar ④ and refit the handle using the two (2) M4x50mm Pan Head Screw ⑦ and the two (2) Flat Washer ⑥ and the two (2) M4 Nilock Hex nut ⑤.

If the door does not have a handle:
a. Locate the centre of the door at the bottom rail.
b. Place the weight bar at this point and mark the two positions where the fasteners will go
c. Drill the two 4.5mm holes in the door and fit the weight bar ④ using the two (2) M4x50mm Pan Head Screw ⑦ and the two (2) Flat Washer ⑥ and the two (2) M4 Nilock Hex nut ⑤.
d. Check that the door is still balanced and smooth. If not, then the door may require servicing.
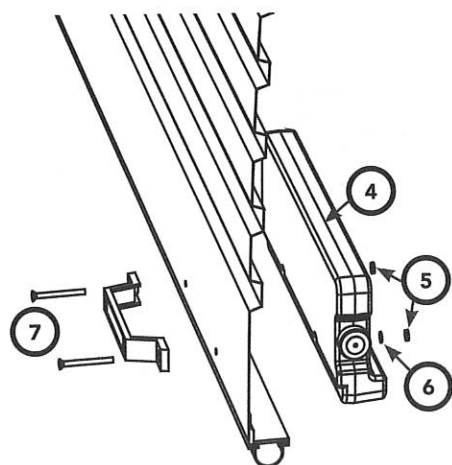
WITH HANDLE   WITHOUT HANDLE

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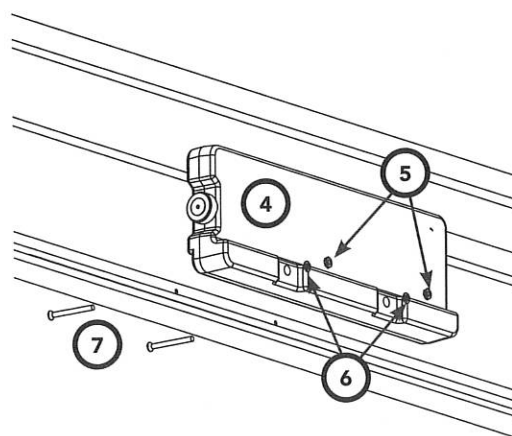
7. Pinning the Door

Pinning the Door to the drum:

Pinning the door's curtain to its drum maintains security when the opener is closed. If the curtain is not pinned the door can be partially opened manually.

a. Fully close the door.
b. Mark a minimum of two (2) drill holes on the drum to each end of the door.
c. Drill holes using 3.2mm ($^1/_8$") drill bit.
d. Fit M10 x 32mm screws and washers (not supplied) to each of the four (4) holes. This screw should be positioned as low as possible in the grove, but make sure that it does not alter the curtain's normal lead in to the guide.

Screw into the low part of grove

Pin Points

BALLOONING DOOR

FREE DOOR

PINNED DOOR

Without locking bars door can be lifted

Not pinned and without locking bars door can be lifted

Door secure and will not lift
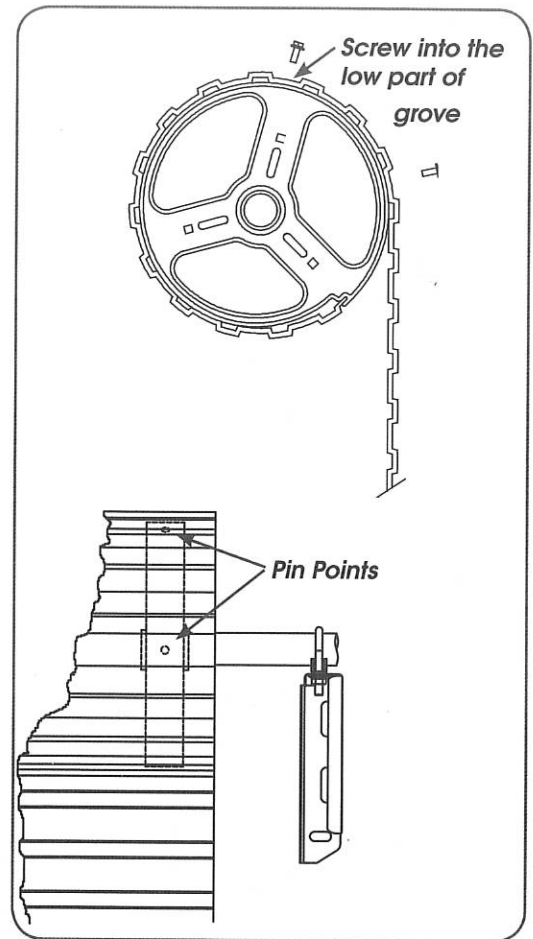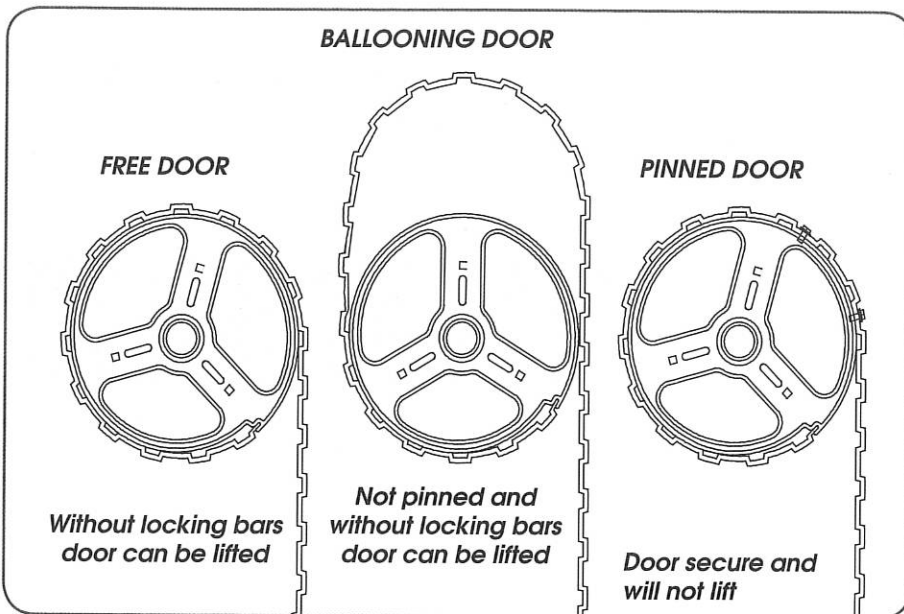
8. Proping the Door

Prepare the Door:

a. At the end opposite to where the opener will be fitted, check that the U-bolt which holds the door axle to the bracket is tightened securely.

> ⚠ **WARNING! The U-bolt must be done up tightly to ensure the stored energy in the springs cannot be unexpectedly released.**

b. Open the door completely and tie rope around the door roll. Do not tie the rope too tight as damage to the curtain may ensue. This will stop the door unrolling when taken off the bracket.

c. At the end where the opener is to be fitted, support the door with a door stand or suitable prop. Place a towel between the door and the prop to protect the door from damage.

> ⚠ **WARNING! Make sure the prop is snug under the door and is stable.**

d. At the end where the opener will be fitted use a pencil to mark the position of the U-bolt in the door bracket and the position of the door bracket on the wall to assist in reassembling.

U-bolts

Door stand or suitable prop

Door bracket
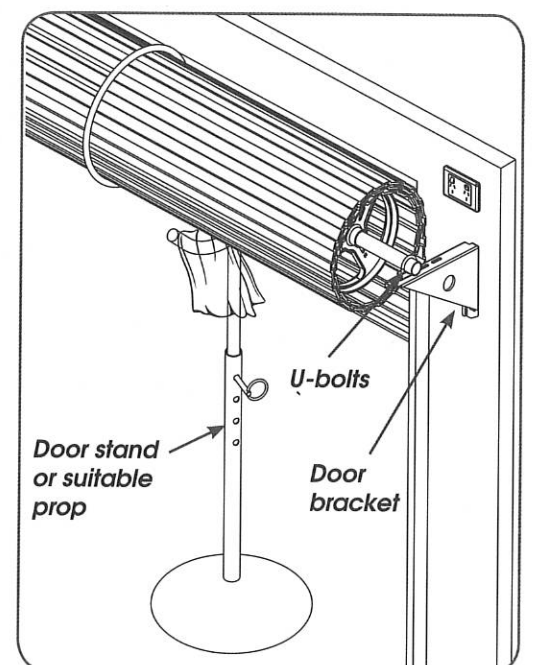
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9. Mounting the Opener

Raising the Door:

a. When in position, remove the U-bolt and saddle from the door bracket on the end you intend to mount the opener.

b. Lift the door up and away from the wall until clear of the door bracket, before lowering the door to rest on the door stand or prop.

NOTE: If there is limited ceiling space to lift the door, the door bracket may have to be removed. If this is required, when refitting the door bracket , use the reference marks on the wall for correct position and ensure that it is secure to the wall and will support the door.

Mounting the Opener:

a. Remove the opener from the box.

b. Check the drive gear rotates freely, by pulling the string handle down (there will be a click) to disengage opener. Then move the forks from side to side by hand.

c. Slide the opener over the door axle and into the drum of the door as shown.

d. Push the opener in as far as possible (without interfering with the curtain) SO ONE OF THE DOOR DRUM'S WHEEL SPOKES IS BETWEEN THE OPENER'S DRIVE FORKS.

Lift door up, away from wall and down onto prop

WARNING! For tight sideroom installations the door may have to be taken down.

Slide opener over door axle

Pull string down to disengage opener

e. Raise the door off the door stand or suitable prop.

f. Lift up and over the door bracket and use your reference marks on the door bracket to position the door.

g. Refit the U-bolt and nuts and tighten.

h. Remove the safety rope and door stand or prop.

i. Connect the power cort to a suitable powerpoint, but **DO NOT** switch on.

j. Secure the power cord away from any moving object (e.g the door) with the cable clip supplied.

k. With the opener still disengaged, pull the door up and down to make sure it runs freely.

Tighten U-bolts

10. Setting the Travel Limits

Initial Preparation:
a. Move the door to the half way position.
b. Engage the opener by pulling down on the manual release string until a click sounds.
c. Remove the clear button cover from the unit.
d. Switch power on to the opener. The red CLOSE LIMIT LED will be flashing.
e. Press and hold the CLOSE button - the door should start closing.

NOTE: If the door opens, release the CLOSE button and press the OPERATE button once to change the motor's direction.

> ⚠ **WARNING! In setting the close limit position, do not force the door into the floor with excessive force, as this can interfere with the ease of operation of the manual release mechanism.**

Set the Limit Positions:
The Limit Positions can vary due to site conditions, such as uneven ground. When setting the Close limits, ensure the position is when the door makes first contact with the ground. Alternatively for the Open limits the position should be at the height of the garage opening.

a. Press and hold CLOSE button until the door reaches your desired close limit position. The rubber strip at the bottom of the door should form a good seal with the ground.
b. Release the CLOSE button when the door is near the desired closed position. Single presses of the CLOSE button will inch the door closer to the ground.
c. If the door overshoots press the OPEN button to move the door in the open direction.
d. When the door is at the desired close position, press the SET button, the OPEN LIMIT LED will now flash.
e. Press and hold the OPEN button until the door reaches your desired open limit position. Single presses of the OPEN button will inch the door open.
f. If the door overshoots press the CLOSE button to move the door in the close direction.
g. When the door is at the desired open position, press the SET button.

> ⚠ **WARNING! The door will automatically close, open and close again after the next step. Ensure that nothing is in the door's path.**

h. The door will now automatically close and open to calculate the safety obstruction settings.

Resetting the Door Limit Positions
Limit positions can be deleted by:
a. Press and hold CLOSE button for six (6) seconds until the CLOSE LIMIT LED flashes quickly.
b. Release the CLOSE button.

NOTE: If no action is taken within 30 seconds, the opener will return to normal operating mode and restore the original settings.

Pull string down to engage opener
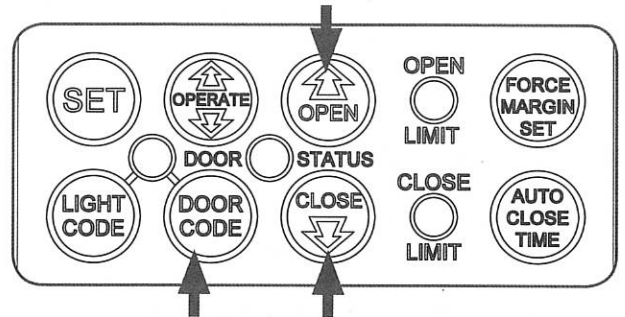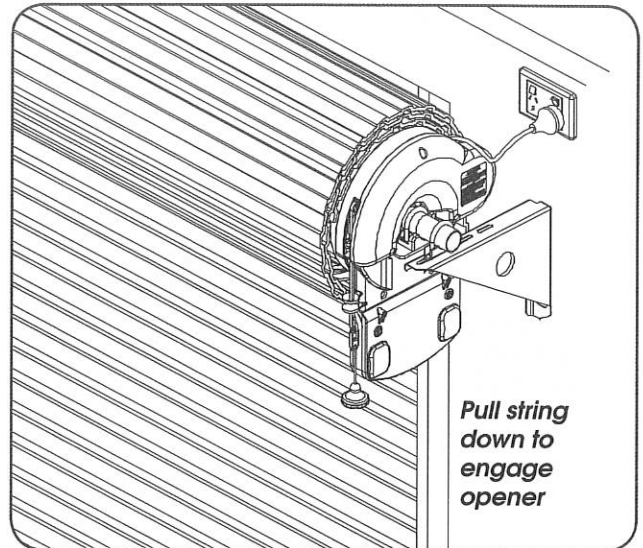
c. Follow steps a - f in Set the Limits Poisitions to set new limit positions.

Setting the PET Mode position
When activated, PET mode drives the door to a preset position from the close position, therefore allowing a pet or parcel to go under the door.
a. Drive and stop the door at the deisred PET mode open position by pressing the transmitter button coded for Open/Stop/Close operation.
b. Press and hold the OPEN button on the opener for six (6) seconds until the OPEN and CLOSE LED's are lit to record the new PET position.
c. Release the OPEN button.

Reset all Factory Defaults
a. Turn power to the opener off.
b. Press and hold the SET Button.
c. Turn power on while holding the SETbutton. Continue to hold until all LED's are off.
d. This will NOT erase transmitter codes stored in memory.

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11. Safety Testing

Test the Close Cycle
a. Press the OPERATE button to open the door.
b. If the door closes, press the OPERATE button to stop the door, then press OPERATE again to open.
c. Place a piece of timber approximately 40mm high (or the openers cardboard box) on the floor directly under the door.
d. Press the OPERATE button to close door.
e. The door should strike the object and re-open.
f. Remove the timber or cardboard box.

> ⚠ **WARNING!** If the door is closing and is unable to re-open when obstructed, discontinue use. Do not use a door with faulty obstruction sensing.

Testing the Open Cycle
a. Press the OPERATE button to close the door.
b. Press OPERATE again to open the door.
c. When the door reaches approximately half way, firmly grab the door's bottom rail - the door should stop.

If the door does not reverse readily when closing, or stop when opening, put the door into manual by pulling down on the manual release string to diesengage the motor and contact 1300 42 88 66 for support.

Test the Manual Door Operation
Periodically disengage the opener and manually operate the door. The door must be smooth to operate by hand. The force required on the bottom rail should not exceed 15 kg.

Adjusting Safety Obstruction Force
The Safety Obstruction Force is calculated automatically during setup. Adjusting this is normally only necessitated by environmental conditions such as windy or dusty areas, and areas with extreme temperature changes.

To Increase Force Pressure
a. Press and Hold down the FORCE MARGIN SET button.
b. While holding the FORCE MARGIN SET button, press the OPEN button. Each press will increases the force margin.
c. The OPEN LIMIT LED will flash each time the OPEN button is pressed to indicate an increase in force.
d. If the OPEN LIMIT LED flashes continuously when the OPEN button is being pressed, this indicates that the maximum force setting has been reached.
e. Test the force again as per Testing Close Cycle and Testing Open Cycle.

To Decrease Force Pressure
a. Press and Hold down the FORCE MARGIN SET button.
b. While holding the FORCE MARGIN SET button, press the CLOSE button. Each press will decrease the force margin.
c. The CLOSE LIMIT LED will flash each time the CLOSE button is pressed to indicate a decrease in force.
d. If the CLOSE LIMIT LED flashes continuously when the CLOSE button is being pressed, this indicates that the minimum force setting has been reached.
e. Test the force again as per Testing Close Cycle and Testing Open Cycle.

> ⚠ **CAUTION:** Take care when completing a safety test. Failure to follow this warning can result in serious personal injury and/or property damage.
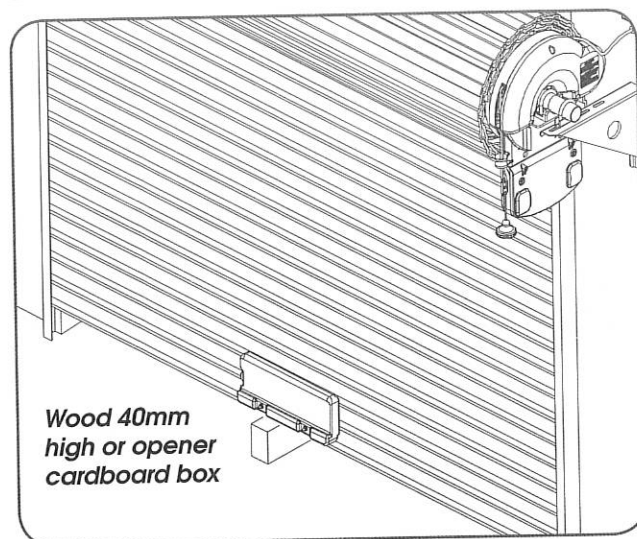
Wood 40mm high or opener cardboard box

> ⚠ **WARNING!** If the door fails these tests, put the opener into manual mode, only operate the door by hand and call for service.
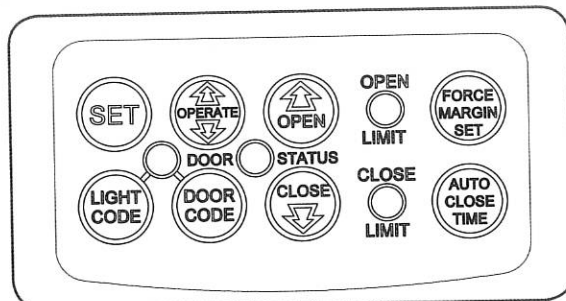
To Recall Factory Set Force
a. Holding down the FORCE MARGIN SET button and the SET button for two seconds.
b. Release both buttons. The default setting should now be recalled.

To Recalculate Force Margins
a. Press and hold the FORCE MARGIN SET Button for six (6) seconds, the beeper will sound once.
b. The door will start to move and re-calculate force margins. The door can move between the open and close limit positions up to four (4) times (depending on the position of the door and the power up condition).
c. A single beep will be heard once the process is complete.
d. Test the force again as per Testing Close Cycle and Testing Open Cycle.

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12. Fitting Accessories (If no accessories go to 13)

Auxiliary Output

The auxiliary output can be used to control alarm or another garage door opener. A valid transmission from the pre-coded transmitter will cause the auxiliary output to pulse for approximately 1 (one) second. The maximum DC voltage must not exceed 35 volts DC. Maximum current must not exceed 80 ma.

External device, Alarm, Door or Gate opener. → Relay → 30V PWR / PE / PE (OV) / GND / OSC / AUX
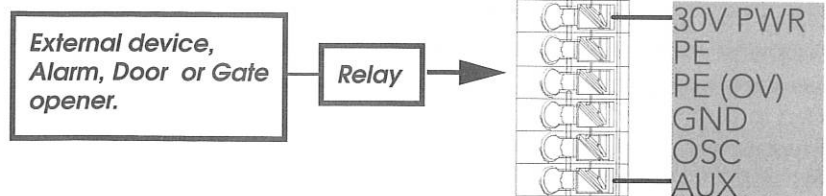
Keyswitch Connection

The Roller Opener has the input to connect bell switch or keyswitch to open or close the door.

30V PWR / PE / PE (OV) / GND / OSC / AUX
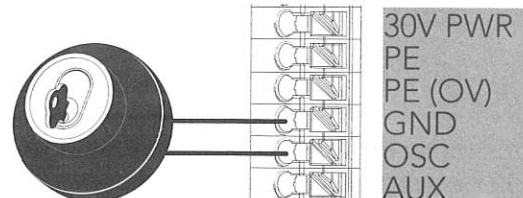
Remote Aerial

Some sites cause poor radio reception. Particularly problematic areas are those where there is a large amount of metal, like a steel garage, or an underground car park with large masses of steel reinforced concrete. These issues, and others, can create reception issues.
Poor radio reception will be noticed by a reduction in the operating range of the transmitters.

You can evaluate whether fitting an external aerial will benefit as follows;
   i. Test the maximum operating range of the transmitter with the garage door closed; then
   ii. Test the maximum operating range of the transmitter with the garage door open.

If the range improves when the door is open you can install a remote aerial kit to improve reception.

Mount the aerial to a suitable location on the outside of the garage.
Similar to a television aerial, the better the mounting position the better the reception will be. Where possible, mount the aerial as high as possible, away from masses of metal and in line of sight position, to where you normally use your transmitter.

13. Auto-Close (If no safety beam accessories, go to 14)

Safety Beams

A Safety Beam Kit may be fitted to this opener. When this option is fitted, the operation of this device is such that if an object (i.e car, child etc) blocks the Infra-Red beam, then the garage door opener will not close the door automatically. If the Safety Beam is fitted but not operating correctly, then the door once opened automatically, will not close automatically.

WARNING! It is compulsory to have Safety Beams installed when using Auto-Close mode.

Auto Close Option

Auto-Close mode is a function that automatically closes the door a preset time after the Safety Beams recognise that a vehicle has left the garage. The Auto-Close timer only starts after the Safety Beam's path is broken. If the safety beam path is not broken, the door will remain open until the path is broken. If the opener incurs a physical obstruction (i.e. not from the Safety Beams) while closing the door, it will re-open and not Auto-Close until the Safety Beam's path is broken again.

To enable the Auto-Close function:
a. Hold down the AUTO CLOSE TIME button.
b. While holding in the AUTO CLOSE TIME button, press the PLUS (+) button - each press will add one second to the Auto-Close delay.
c. To decrease the delay time Hold down the AUTO CLOSE TIME button and press the MINUS (-) button - each press will deduct one second from the Auto-Close delay.
d. Press the Operate button or transmitter to open the door.

When the door is fully opened the Open Limit LED will flash to indicate that Auto-Close mode is operational.
e. Break the Safety Beam's path momentarily to initialise Auto-Close. When the door reaches the fully opened position, the door will pause for the set Auto-Close time and then close.

14. Coding a Transmitter

Storing the Transmitter Code

The opener can only operated from remote control transmitters that have been programmed into its memory. Up to 64 codes can be stored in the memory.

a. Press and hold the DOOR CODE button.
b. Press Button 1 on the transmitter for two seconds. Release and pause for two seconds. Press the Button 1 again for two seconds.
c. Release the DOOR CODE button. The transmitter button is now coded, press to test.

(For further options available see below steps to code into your remote or proceed to 15)

Coding a Transmitter Button to Enable Vacation Mode

The opener can be programmed into a "Vacation Mode" where the opener will not respond to any transmitter except the button of the transmitter that was programmed for vacation mode.

d. Briefly press the DOOR CODE button once, then press it again and hold (will beep two times on second press).
e. Press one of the four (4) buttons on the transmitter for two (2) seconds, pause for two (2) seconds, then press the same button again for two (2) seconds.
f. Release DOOR CODE button.
g. Press and hold the transmitter button for six (6) seconds to set Vacation Mode. The door code LED will stay lit while Vacation Mode is active.
h. To reset Vacation Mode, press the same button for two seconds.

Coding a Transmitter to enable AUX Output

Briefly press the DOOR CODE button two (2) times, then press it again and hold (the opener will beep three (3) times on the third press.

a. Press one of the four buttons on the transmitter for two (2) seconds, pause for two (2) seconds, then press the same button again for two (2) seconds.
b. Release the DOOR CODE button.
c. Press the transmitter button to test.

Setting the Transmitter to Operate PET (Pedestrian) Mode

The PET mode position (see Setting the Limits) must set prior to coding a transmitter.

a. Briefly press the DOOR CODE button three (3) times, then press it again and hold (the opener will beep four times on the fourth press.
b. Choose a transmitter button not already coded into the receiver. Press and hold this button for two (2) seconds, pause for two (2) seconds, then press the same button again for two (2) seconds and release.
c. Release the DOOR CODE button.
d. Press the transmitter button to test.

Coding a Transmitter to the Courtesy Light

The transmitter can be programmed to operate the courtesy light on the opener independently of the door moving.

a. Press and hold the LIGHT CODE button.
b. Press one of the four buttons on the transmitter for two (2) seconds, pause for two (2) seconds, then press the same button again for two (2) seconds.
c. Release the LIGHT CODE button.
d. Press the transmitter button to test.

Button 1
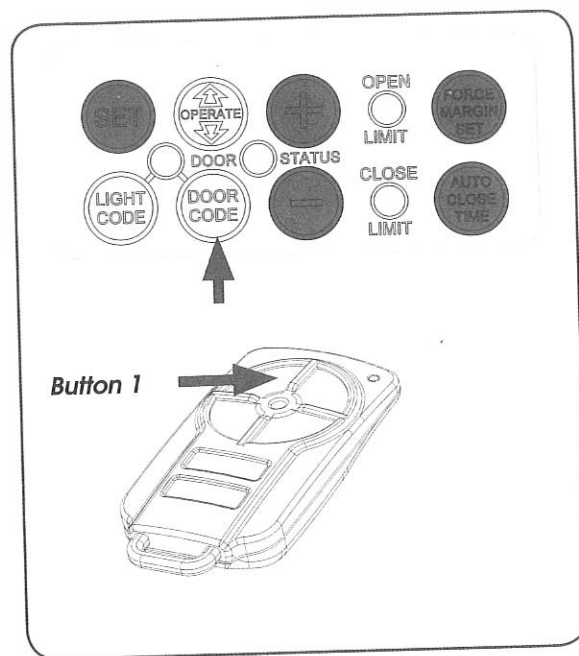
!tip **To view our how to code transmitters video visit:**
www.autoopeners.com.au
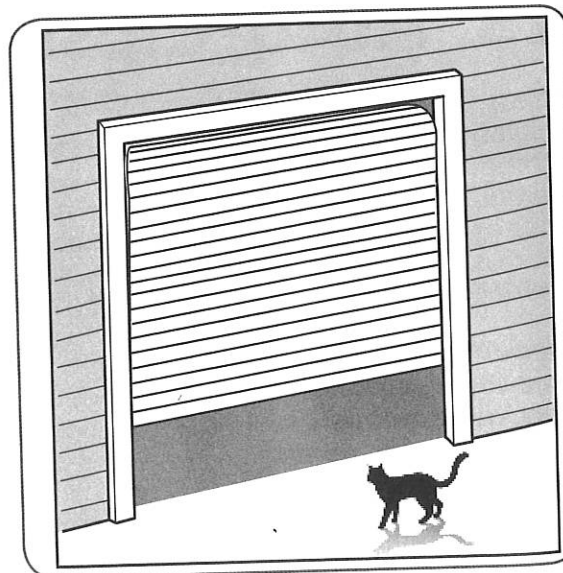
15. Erasing a Transmitter

Remotely Coding Transmitters

Using this method transmitters can be coded without access to the opener's control panel as long as a pre-coded transmitter is available.

a. Take any pre-coded transmitter. Press the button for the function to be duplicated and release.

b. Using a small needle / pen, press and hold firmly for two seconds the middle button, through the Coding Hole.

c. Within ten (10) seconds take the additional transmitter you wish to code. Hold the new transmitter's button for two seconds, pause for two seconds, hold again for two seconds and then release.

d. Wait for ten (10) seconds and then press the new transmitter's button to test.
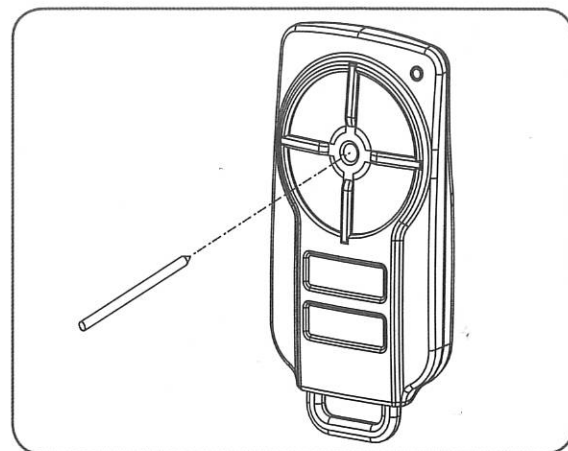
Erasing a Stored Transmitter Code

a. Select the transmitter you want to delete.

b. Press and hold the DOOR CODE BUTTON.

c. Press the transmitter button you would like to delete for two seconds, pause for two seconds, press again for two seconds and then release.

d. Release the DOOR CODE BUTTON. The code should now be deleted. Confirm this by pressing the transmitter button - the function (e.g. door opening) should not respond.

Erasing All Transmitter Codes

a. Turn off power to the opener.

b. While switched off, press and hold the DOOR CODE BUTTON. Turn on power to the opener while holding this button.

c. The OPEN LIMIT, CLOSE LIMIT and DOOR STATUS LEDs will illuminate for about five seconds. These LED's will turn off and the CODING LED will illuminate.

d. Release the DOOR CODE BUTTON. All stored codes will now be deleted. Confirm this pressing buttons on any previously coded transmitters - the opener should not respond.

! **tip** **To view our how to code transmitters video visit:**

www.autoopeners.com.au

16. Home Owner Safety Warnings!

This automatic garage door opener is designed and tested to offer safe service provided it is installed and operated in strict accordance with the following safety warnings. Failure to comply with the following instructions may result in death, serious personal injury or property damage.

Please read these important safety warnings!

WARNING!

- When operating the manual release while the door is open, the door may fall rapidly due to weak or broken springs, or due to being improperly balanced.
- DO NOT disengage the opener to manual operation with children/persons or any objects including motor vehicles within the doorway.
- If the door is closing and does not re-open when obstructed, discontinue use. DO NOT use a door with faulty obstruction sensing.

ELECTROCUTION!

- Place opener in protected area so that it does not get wet.
- DO NOT spray with water .
- DO NOT open the protective covers.
- DO NOT operate opener if cable is damaged.

CAUTION:

Unbalanced doors
- Keep the garage door balanced. Sticking or binding doors must be repaired. Garage doors, door springs, brackets and their hardware are under extreme tension and can cause serious personal injury. DO NOT attempt any garage door adjustment. DO NOT use if repair or adjustment is needed. Call for a professional garage door service if in doubt.

Emergency access
- If your garage has no pedestrian entrance door, an emergency access device should be installed. This accessory allows manual operation of the garage door from outside in case of power failure.

Entrapment under operating door
- Watch the moving door and keep people away until the door is completely opened or closed. DO NOT operate door when persons are near the door.
- DO NOT allow children to play with door controls or transmitters.
- Regularly conduct Open and Close cycle testing.
- Ensure the garage door is in good working order by undertaking regular servicing.
- Wall transmitters should be installed in a location where the garage door is visible, but out of the reach of children at a height of at least 1.5m.
- Install Safety Beams (recommended).

Fall from Ladder
- Ensure ladder is the correct type for the job.
- Ensure ladder is on flat ground.
- Ensure user has 3 points of contact while on ladder.

Entanglement in or laceration from moving door
- Keep hands and loose clothing clear of door and guides at all times.
- Keep hands clear of moving door as sharp edges can cause cuts or lacerations.

17. Opener Safety & Security

Your Door CAN NOT be used by the opener when:
a. There is a locking device installed.
b. There is a power failure.

Your Door CAN be used when:
a. There is an emergency, by disengaging the opener.
b. There is a power failure, by disengaging the opener.

To Disengage the Opener:
a. It is recommended to do so with the door in the closed position.
b. Pull down on the manual release cord, until you hear a click.
c. Move the door manually.

> **CAUTION: When the opener is manually disengaged, the door is no longer locked. To lock the door manually, re-engage the opener after the door is closed.**

To Re-Engage the Opener:
a. Check the door has not been locked by a locking device.
b. Pull down on the manual release cord, until you hear a click.
c. The door will now operate from the opener.

> **WARNING! Please test the manual release mechanism to ensure that the manual release is easy to operate. No more than 20 kg of force should be required to disengage the door using the manual release cord. If excessive force is required reset the close limit position (Section 10. Resetting Door Limits).**

> **WARNING! When operating the manual release (while the door is open) the door may fall rapidly due to weak or broken springs, or due to being improperly balanced.**
>
> **Do not disengage the opener to manual operation with children/persons or any objects including motor vehicles within the doorway.**

MANUAL RELEASE ⚠

1. TO DISENGAGE:
   PULL HANDLE DOWN
   & RELEASE

PULL HANDLE
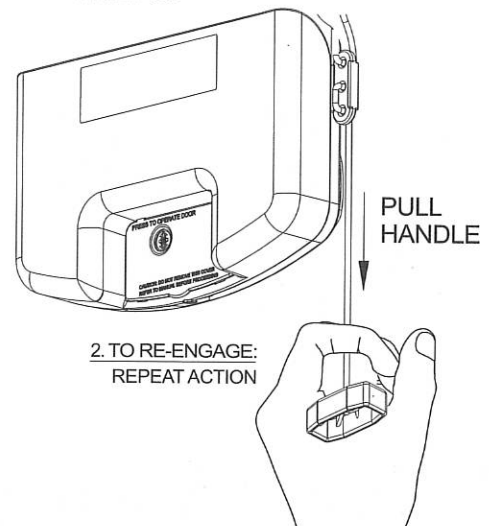
2. TO RE-ENGAGE:
   REPEAT ACTION

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18. Operating your Opener

To Operate the opener:
a. Press the programmed transmitter button until your door begins to move (usually 2 seconds). Make sure you can see the door when you use the transmitter.
b. If you are in a vehicle you should aim the transmitter through your windscreen as shown.
c. Check that the door is fully open or closed before you drive in or away.
d. If you press the transmitter whilst the door is moving the door will stop. The next press of the transmitter will move the door in the opposite direction.
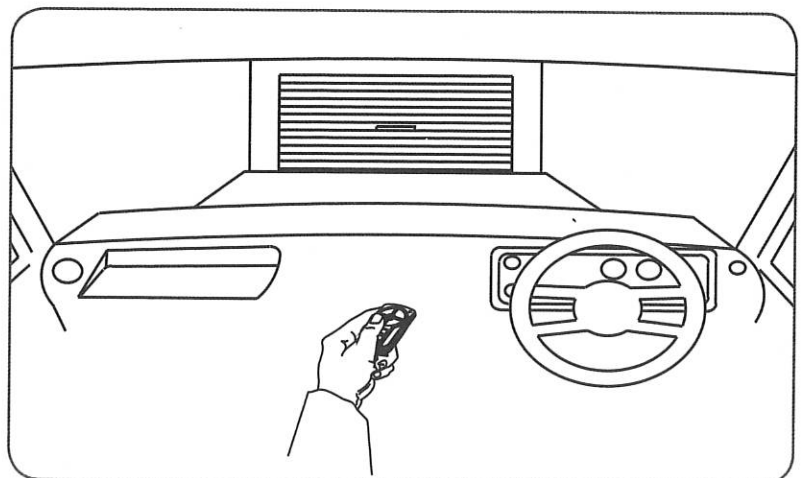
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19. User Operating Controls

Button	Function
1. OPERATE	Opens/stops/closes the door
2. CODING LED (Red)	Flashes when a code is being stored or when the transmitter button is pressed
3. LIGHT CODE (White)	Is used for storing or erasing the transmitter button (code) you wish to use to switch the courtesy light on the opener on or off.
4. DOOR CODE (Blue)	Is used for storing or erasing transmitter buttons for door operation
5. OPEN LED (Green)	Illuminates and flashes as the door opens and remains on when the open limit position has been reached.
6. DOOR STATUS LED (Yellow)	Illuminates when Service is due.
7. CLOSE LED (Red)	Illuminates and flashes as the door opens closes, and remains on when the close limit position has been reached.
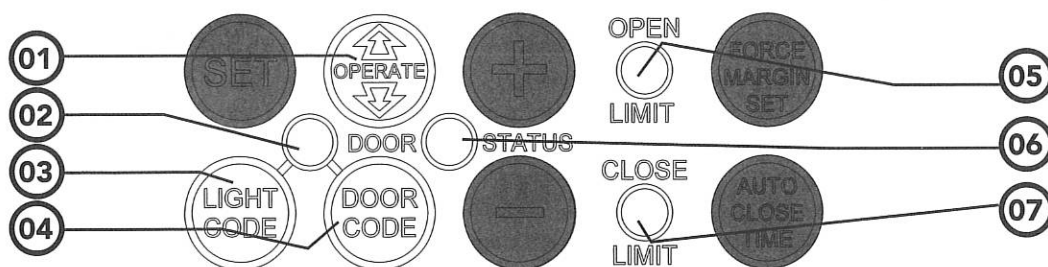
20. Door Status Indicators

Door Status Indicators	OPEN LED (green)	CLOSE LED (red)	Beeper
Open	On		
Close		On	
Opening	Flashing		
Closing		Flashing	
Door travel stopped	Flashing	Flashing	
Door obstructed when opening	Flashing		Beeps while door is moving
Door obstructed when closing		Flashing	Beeps while door is moving
Opener overloaded	Alternating flashes	Alternating flashes	
Door in open position with Auto-Close mode selected	One second flashes		
Mains power interrupted	Rapid flashes		

21. Specifications

Technical Specifications	Roller Opener
Power supply	230V - 240Va.c. 50Hz
Maximum door opening Door Height: Maximum Door Weight: Door must be well balanced and able to be operated by hand, as per warranty conditions and standard AS/NZS 4505:2012	3.25 turns of the drum wheel (approx. 3000mm) 110kg
Minimum sideroom	40mm
Lift Force	600N
Nominal force	20kg
Receiver type	Multi-frequency UHF FM
Receiver code storage capacity	14 X 4-button Transmitters
Coding System	TrioCode™ Type
Coding type	Non-linear encryption algorithm
Number of code combinations	Over 100 billion random codes
Transmitter battery	CR2032 (3 Volts)
Courtesy light	Festoon style lamp 24volts 15 watts
Network connectivity	Not Available

Note: Intermittent operations may occur in areas which experience very strong winds. The strong wind puts extra pressure on the door and tracks which may in turn intermittently trigger the safety obstruction detection system.

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22. Troubleshooting

Symptom	Possible cause	Remedy
The opener does not work from the transmitter	The opener does not have power	Plug a device of similar voltage (e.g. a hairdryer) into the power point and check that it is OK
	The battery in the transmitter is flat	Replace the battery
	The opener has been put into "Vacation Mode"	Turn off "Vacation Mode" (Section 14)
	The transmitter button is not programmed to operate the door.	Code in the transmitter
	Door Code LED is flashing yet the opener is not working.	Ensure the correct button on the transmitter is being pressed.
One transmitter works but the other/s do not	Faulty transmitter	Replace transmitter
	Flat battery	Replace battery
The motor is running but the door remains stationary	The opener is disengaged	Re-engage the opener
The transmitter range varies or is restricted	Variations are normal depending on conditions e.g. temperature or external interference	Make sure you can see the door when you use the transmitter.
	The battery life is exhausted	Check the battery status by pressing a button (flashing or no light requires battery to be changed)
	Position of the transmitter in the motor vehicle	Aim the transmitter through the windscreen.
The Courtesy light does not work	LED has failed	Change LED.
The door reverses for no apparent reason	This may occur occasionally from environmental conditions such as areas that are windy, dusty or have extreme temperature changes.	Ensure the door runs smoothly before increasing the force pressure.
	If Safety beams are installed they may be partially obstructed.	Ensure the beam path is not obstructed. Check the Alignment.
The door stops or moves very slowly.	Garage door in poor condition e.g. springs may be broken.	Check the door's operation.
	(Optional Battery Back Up Accessory) The batteries may have little OR no charge	Connect mains power and leave the batteries to charge. The batteries may take 24 to 48 hours to reach their maximum charge capacity.

22. Troubleshooting

Symptom	Possible cause	Remedy
The SERVICE LED has started to flash and is beeping numerous times	A Fault has been detected. The fault will be active each time an attempt is made to operate the door.	Record opener function (How many beeps?) then press the SET button once to reset the opener. If the fault continues to be tripped contact 1300 42 88 66 for support.
The Open (Green) LED and Close (Red) LED are flashing alternatively	Opener is overloaded	Check the doors operation by disengaging the motor and ensuring the door runs smoothly. If necessary make door adjustments or discontinue use and contact 1300 42 88 66 for support.
The Open (Green) LED continues to flash	Door obstructed when opening	Clear away any obstructions and test door opens correctly. (If door is damaged, contact your door professionl).
The Close (Red) LED continues to flash	Door obstructed when closing	Clear away any obstructions and test door closes correctly. (If door is damaged, contact your door professional).
	Limits may be cleared	Remove all power sources (including the battery backup). Wait till all lights are out (10-15 secs), then reconnect power. If Red LED is flashing, limits are not set. Reset Limits.

Date	Time	Number of Beeps

If You Need a Service Call
If the opener needs a service please call the dealer who installed the garage door opener (their contact details are usually on a sticker on the back of your garage door). For product assistance contact 1300 42 88 66 within Australia.

BEFORE CALLING you should have the following information to assist in providing the appropriate service:

1. Has anything happened since the opener last operated OK, e.g. a storm, a jolt to the door etc.?
2. What is the current light status on the opener?
3. Manually disengage the door (Section 17).
   How easy is it to manually open and close the door?
4. What model is the opener? (Model no. information is located at the rear of the opener)
5. Who installed the opener? (Dealer details should be on a sticker on the back of your garage door)·
6. When was it installed? (If known)

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23. Maintenance

Door Maintenance

A poorly maintained door could cause fatal / serious injuries or damage to property.

- Frequently examine the door, particularly the cables, springs and mountings for signs of wear, damage or imbalance. **DO NOT USE** if repair or adjustment is needed since a fault in the installation or an incorrectly balanced door may cause injury.
- Fasterners: Check all screws, nuts and bolts to ensure they are secure.
- Spring Tension: It is natural for springs to lose tension. Should the door become hard to operate or completely inoperative, contact a door professional if in doubt.
- Guide Tracks: Clean the internal sections of the guide tracks every 3 - 6 months with a cloth dampened with mineral turps or methylated spirits.

⚠ WARNING! Failure to maintain your garage door may void the warranty on your garage door opener.

⚠ WARNING! Door adjustments should only be carried out by experienced persons, as this function can be dangerous if not performed under strict safety procedures.

(!tip) Run the Safety Testing procedures MONTHLY in Section 11 to ensure garage door is fit for use.

24. Battery Replacement

Battery Type:
3V Lithium Battery CR2032.

- To test the battery is working, press and hold a transmitter button. Check Light Status table to determine if battery needs replacing

Light Status	Battery Status
Solid	OK
Flashing	Requires replacement
No light	Requires replacement

- Use finger nails to separate the transmitter casing to expose circuit board.
- Use a non-metallic object (e.g. pen) to remove the battery.

Use a pen to push the battery down through the side opening to release battery
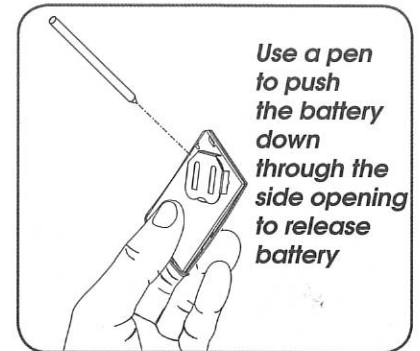
25. Battery Disposal

When batteries reach the end of their usual life in accordance with Australian Battery Recycling Initiative please follow the next simple steps for protecting the environment.

> **DO NOT throw the batteries in municipal waste. This symbol of the crossed out wheeled bin indicates that the battery should not be placed in the municipal waste. Check your local regulations for appropriate disposal of the batteries.**

Recycling all batteries will have other environmental and social benefits:

- Some batteries are less toxic but hazardous for other reasons. Lithium batteries can explode or catch fire in landfill, while button cells are dangerous if swallowed by children. Recycling offers a safe and environmentally responsible solution for end of life batteries.
- Battery recycling recovers non-renewable materials such as lead, cadmium, stella, zinc, manganese, cobalt, silver, plastics and rare earth elements.
- Removal of batteries and other hazardous household products from household waste facilitates the recovery of organic materials through alternative waste technologies such as composting. Batteries and heavy metals are known contaminants in compost.
- The community supports recycling because it reduces waste to landfill and achieves environmental benefits.

> **⚠ WARNING! Prior to disposal, recycling, or collection, all battery terminals must be securely insulated with a non conductive material to prevent any two batteries from short circuiting and generating heat during storage or transport. Battery terminals may be insulated with electrical tape; or batteries may be individually packaged in a non conductive material (e.g., plastic bag or original packaging).**

26. Warranty

PLEASE NOTE:
- This Warranty is in addition to any statutory, non-excludable guarantees or warranty rights and remedies under the law. See section 5.
- This warranty applies to the original purchaser only and may not be transferred.
- This Warranty is to be read in conjunction with the owner's copy of the installation instruction manual.
- In this warranty, 'AutoOpener Representative' means an entity authorized by AutoOpener to service AutoOpener products. Please check the AutoOpener website for details.

⚠ **It is a condition of the below warranties that the manual operating (opening and closing) force of the door by hand does not exceed 20kg.**

MODEL	WARRANTY	DOOR (MAX)
ROLLER OPENER	5 yrs / 10,000 cycles	110kg
EXTRAS		
ACCESSORIES	1 year	

NOTE: CONSUMABLES (eg Batteries in remote control transmitters and light bulbs and fuses) are not covered by this warranty

1. MAKING A CLAIM

(a) The product parts in the above table will operate in accordance with the product manual for the time period shown, provided you comply with the manufacturer's instructions concerning installation, operation, maintenance and testing. Failure to do so may void all or part of this warranty.

(b) If, during the relevant warranty period, a product part in the table above appears to contain a defect, call the retailer from whom you purchased the product, or AutoOpener on 1300 42 88 66, and they will instruct you what to do next.

(c) You are responsible for the cost of making a claim under this Warranty. Additional access expenses where the Product is not readily accessible must be borne by you.

(d) If AutoOpener or AutoOpener's Representative confirms the product is defective and covered by this Warranty, AutoOpener will repair or replace it (at AutoOpener's sole option) at no cost to you. Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods.

2. WARRANTY CONDITIONS

It is a condition of this warranty that:

(a) you provide a copy of the receipt of original purchase of the product, and the serial number of the Product which can be found on the label adhered to the Product.

(b) the Product has been serviced within 18 months of installation and thereafter every 2 years.

3. WARRANTY EXCLUSIONS

This warranty excludes damages resulting from:

(a) excessive wear and tear that may cause the product to fail;

(b) accidental, deliberate or negligent damage or damage cause by insects;

(c) blown fuses, electrical surges, power surges or power spikes or faulty or unsuitable electrical wiring of structures to which the product is affixed;

(d) theft, fire, flood, rain, water, lightning, storms or any other acts of God;

(e) salt or other corrosion due to environmental conditions,

(f) Any installation, configuration or use of the product contrary to the instructions supplied with the product;

(g) Maximum continuous operating time exceeding 1 minute in10 minutes;

(h) The manual operating (opening and closing) force of the door by hand exceeding 20kg;

(i) door surface area and/or weight exceeding amounts listed in table above respectively;

(j) the door used with the product not being in safe working order and condition;

(k) any modification to the product or acts or omissions of any person in respect of the product which are not authorized by AutoOpener;

(l) Installation of a residential garage door opener in a commercial or industrial premises or in a dwelling other than a single-family dwelling;

(m) Radio or electrical interference or lack of availability of signal.

4. OTHER CONDITIONS

(a) This Warranty is not transferable.

(b) No additional warranty will apply for Products repaired during the relevant warranty period.

(c) Where the Product is sold by any person other than AutoOpener, except for the warranty set out above, such person has no authority from AutoOpener to give any warranty or guarantee on AutoOpener's behalf in addition to the warranty set out above.

5. STATUTORY GUARANTEES OR WARRANTIES IN AUSTRALIA

If you are a consumer under the Australian Consumer Law, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. This warranty certificate and other statements contained in this document or other AutoOpener documents given to you do not exclude, restrict or modify the application of all or any of the provisions of the Australian Consumer Law.

Subject to your non-excludable rights under the Australian Consumer Law, AutoOpener expressly excludes any liability for consequential loss, incidental or indirect damages (including but not limited to damages for loss of business profits, business interruption and loss of business information) due to a defect of the Product. In particular, any loss or damage caused to other equipment or accessories used with the product or any loss resulting from a delay in repair is excluded to extent permitted by law.

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MODEL	WARRANTY	DOOR (MAX)
ROLLER OPENER	5 yrs / 10,000 cycles	110kg
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ACCESSORIES	1 year	

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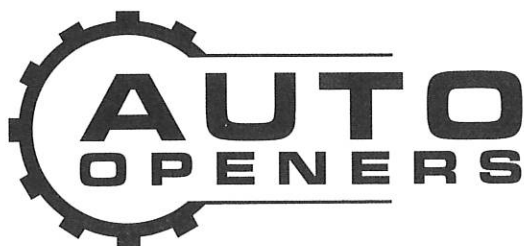(m) Radio or electrical interference or lack of availability of signal.

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