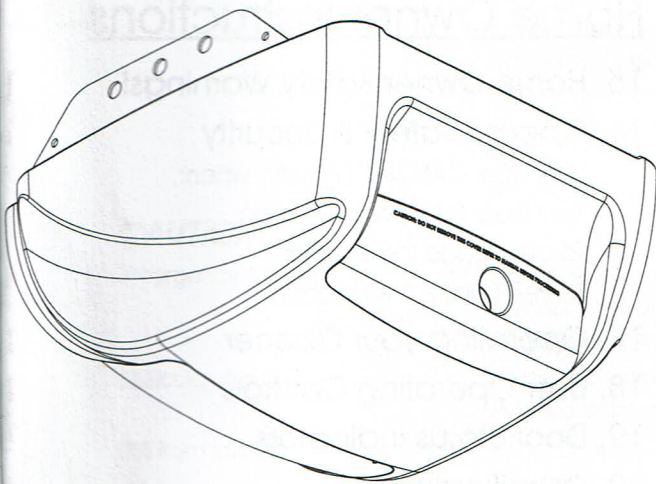


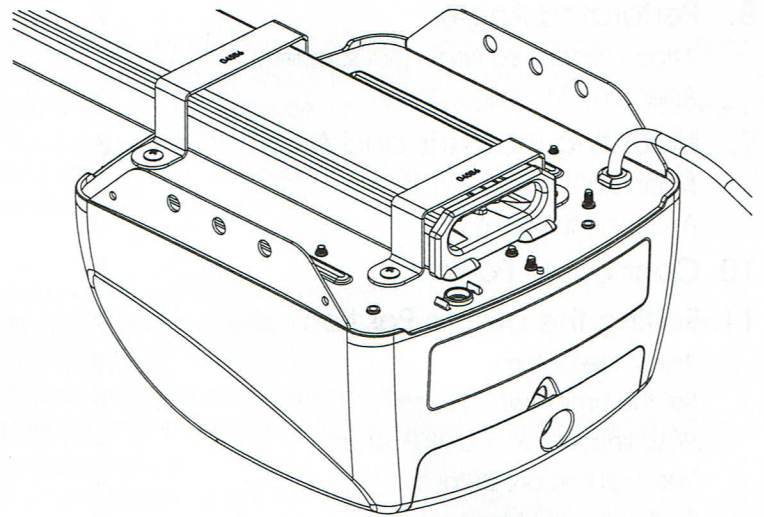
Controll-A-Door[®] S & PanelPro[®]

Sectional Door Opener

Instruction Manual



SDO-3V2
Controll-A-Door[®] S



SDO-4V1
PanelPro[®]

Featuring



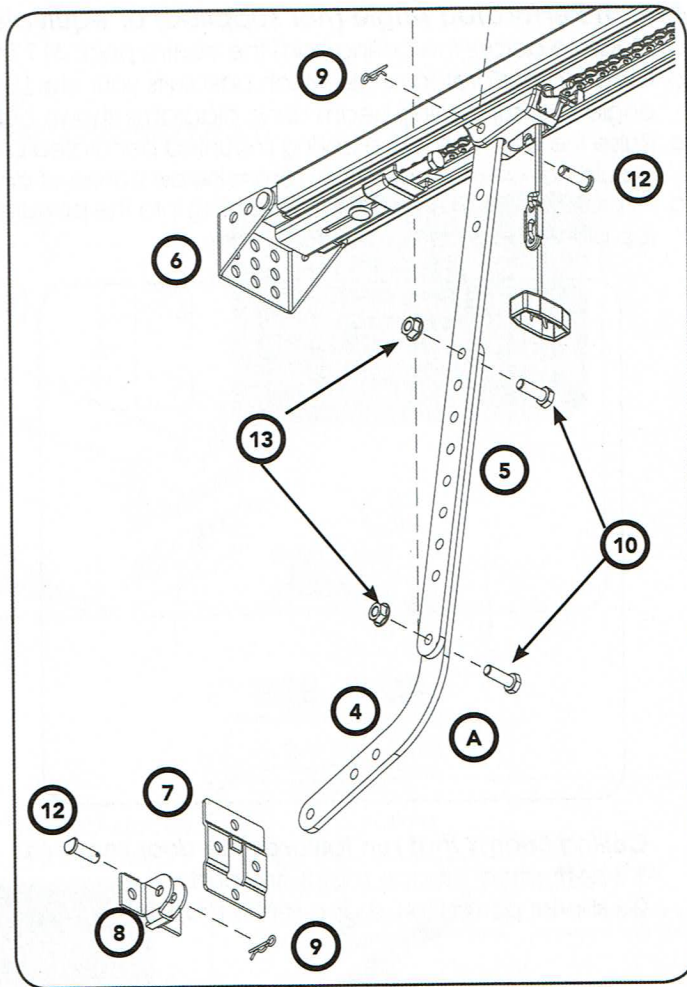
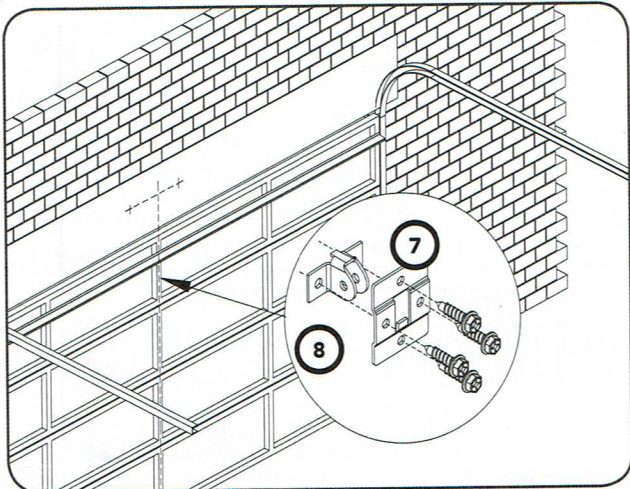
Technology

9. Mounting Brackets and Arms

Mounting The Door Bracket:

- The door bracket locator (7) is placed over the door bracket (8), on the door's centre line one-third down the top panel and mounted using M6 or equivalent screws (not supplied),
- STEEL DOORS ONLY: Bracket can be welded in place.

NOTE: If in doubt about the door's strength, reinforcement may be added to the door's frame where necessary. Door damage may occur if the bracket is installed on a panel with insufficient strength. The opener's warranty does not cover damage caused to the door and/or door panels.



Attaching the Arms

- Assemble the bent arm (4) (connecting to the door) to the right side of the straight arm (5) with bolts (10) and nuts (13) supplied in the accessory pack. Connect the straight arm (5) to the shuttle with a clevis pin (12) and a pin snap (9). Always use both bent and straight arms.
- Connect the assembled arm to the bracket with clevis pin (12) and pin snap (9). The angle "A" must be more than 10°.

10. Connect to Power

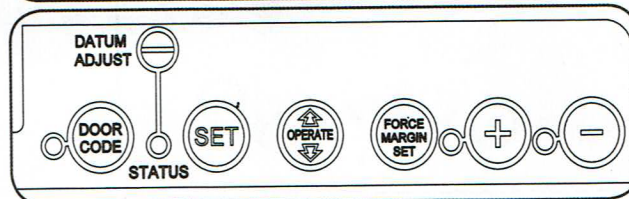
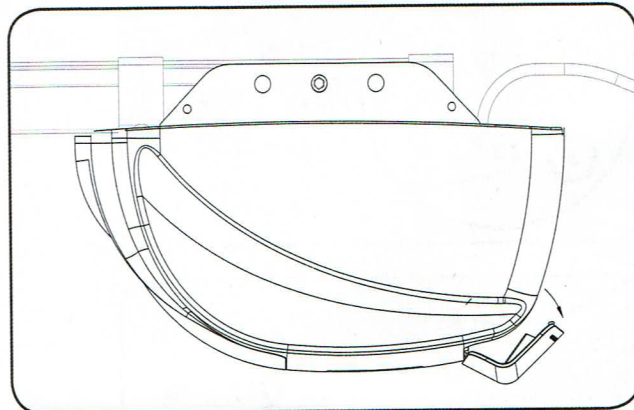
Initial Preparation:

- Move the door to the half way position.
- Remove the clear button cover from the unit.

NOTE: This cover has a label that says "Do not remove" however, this only applies during normal operation. This cover must be removed to setup the opener.

- Switch power on to the opener. The red CLOSE LIMIT LED will be flashing.
- Press and hold the MINUS (-) button - the door should start closing. If door starts to close, release button.

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



11. Setting the Datum Position

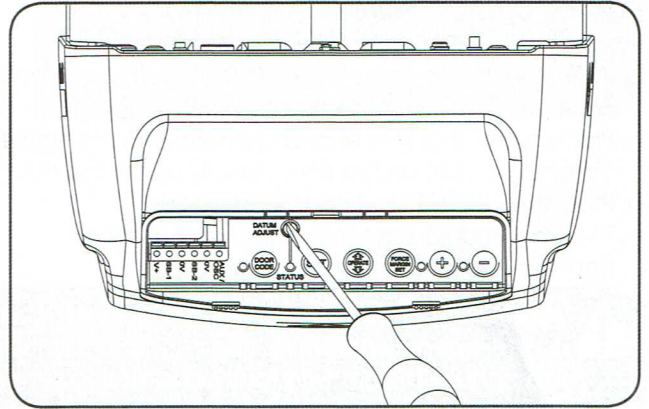
NOTE: The door and shuttle must be engaged into the chain index. The door should be open approximately half way.

NOTE: If Safety Beams are to be used they must be installed before setting the travel limits.

Adjust the Datum

Just used to let the Motor know its position if Power Fail

- Swing open the controls cover to gain the access to the controls panel and swing back into its position when setup is completed.
- Plug the power cord into a mains point and switch power on. The red CLOSE LIMIT LED will be flashing.



WARNING! The safety obstruction detection system is inoperable while MINUS (-) and PLUS (+) drive buttons are being used and travel limits are not set.

- Press and hold the MINUS (-) or PLUS (+) buttons to move the door to the halfway position. Ensure that the door, shuttle and chain index are engaged.
- Using a small screwdriver, turn the DATUM ADJUST screw until the STATUS LED comes on.

NOTE: If the STATUS LED is already illuminated when the door is halfway up, turn the DATUM ADJUST screw until the light goes off, then turn back one notch to illuminate again.

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.



CAUTION: The OPERATE button will not function until the open and close limit positions are set.

- Press and hold MINUS (-) 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.
- Release the MINUS (-) button when the door is near the desired closed position. Single presses of the MINUS (-) button will inch the door closer to the ground.
- If the door overshoots press the PLUS (+) button to move the door in the open direction.
- When the door is at the desired close position, press the LIMIT SET button, the OPEN LIMIT LED will now flash.
- Press and hold the PLUS (+) button until the door reaches your desired open limit position. Single presses of the PLUS (+) button will inch the door open.
- If the door overshoots press the MINUS (-) button to move the door in the close direction.
- When the door is at the desired open position, press the LIMIT 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.

- 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:

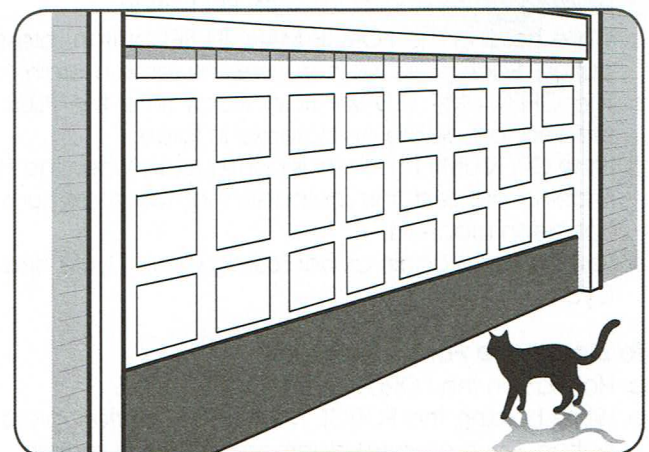
- Press and hold LIMIT SET button for six (6) seconds until the CLOSE LIMIT LED flashes quickly.
- Release the LIMIT SET button.

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

- Follow steps a - f in Set the Limits Positions to set new limit positions.

Reset all Factory Defaults

- Turn power to the opener off.
- Press and hold the LIMIT SET Button.
- Turn power on while holding the LIMIT SET button. Continue to hold until all LED's are off.
- This will not erase transmitter codes stored in memory.



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.

- Drive and stop the door at the desired PET mode open position by pressing the transmitter button coded for Open/Stop/Close operation.
- Press and hold the PLUS (+) button on the opener for six (6) seconds until the OPEN and CLOSE LED's are lit to record the new PET position.
- Release the PLUS (+) button.

12. Safety Testing

Test the Close Cycle

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

- Press the OPERATE button to close the door.
 - Press OPERATE again to open the door.
 - 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 disengage the motor and contact 1300 300 625 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

** Recommended to increase IF Necessary By Steps*

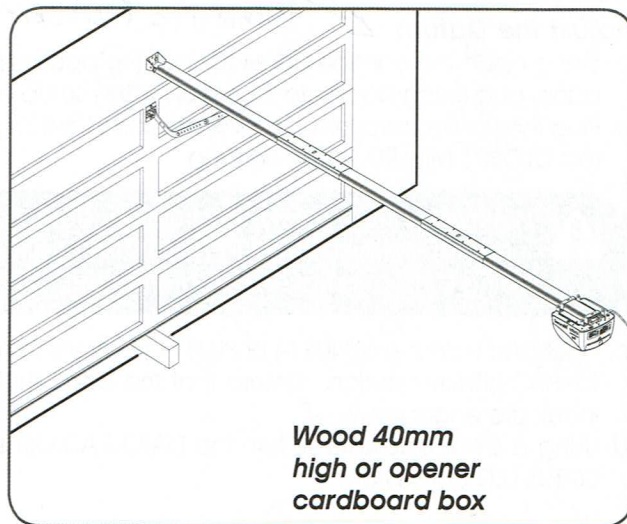
- Hold down the FORCE MARGIN SET button.
- While holding the FORCE MARGIN SET button, press the PLUS (+) button. Each press will increase the force margin.
- The OPEN LIMIT LED will flash each time the PLUS (+) button is pressed to indicate an increase in force.
- If the OPEN LIMIT LED flashes continuously when the PLUS (+) button is being pressed, this indicates that the maximum force setting has been reached.
- Test the force again as per Testing Close Cycle and Testing Open Cycle.

To Decrease Force Pressure

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



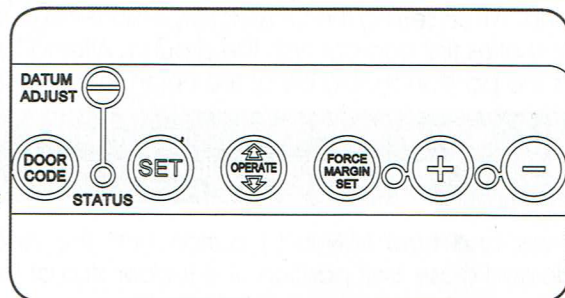
CAUTION: Take care when completing a safety test. Failure to follow this warning can result in serious personal injury and/or property damage.



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

- Holding down the FORCE MARGIN SET button and the LIMIT SET button for two seconds.
- Release both buttons. The default setting should now be recalled.

To Recalculate Force Margins

- Press and hold the FORCE MARGIN SET Button for six (6) seconds, the beeper will sound once.
- 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).
- A single beep will be heard once the process is complete.
- Test the force again as per Testing Close Cycle and Testing Open Cycle.

13. Auto-Close & Auxiliary

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.

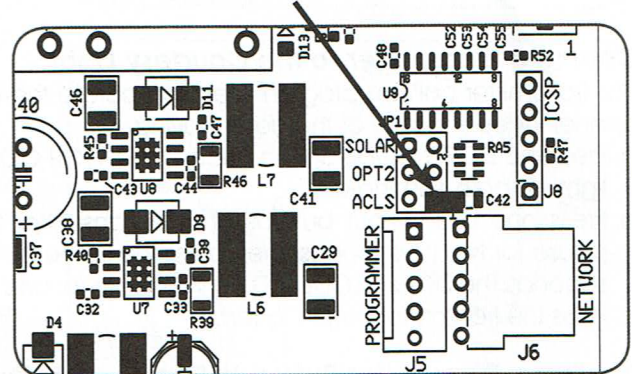
WARNING! It is compulsory to have Safety Beams installed when using Auto-Close mode.

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.

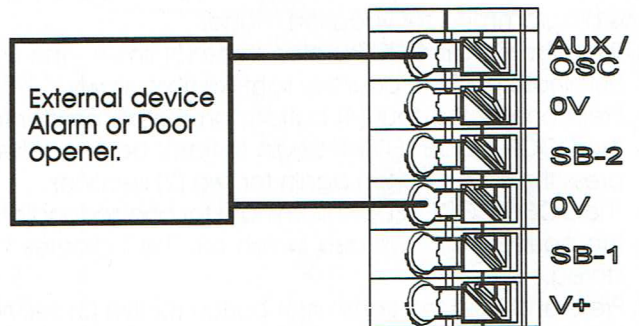
To enable the Auto-Close function unscrew the back cover from the opener to gain access to the control board and remove the AUTO-CLS (ACLS) shunt next to the programmer input and place shunt over both inputs. When this option is selected the garage door opener will attempt to close the door automatically 30 seconds after opening as long as safety beams are installed. Refit the back cover.

Remove shunt and place over both inputs.



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.



14. Coding a Transmitter

Storing the Transmitter Code

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

- Press the DOOR CODE button and release. The DOOR CODE LED will illuminate to indicate the opener is in Code Learn mode. If a valid code is not stored within 15 seconds the opener will exit Code Learn.
- Press the transmitter button one (1) to control the door. The DOOR CODE LED will flash.
- Press the same transmitter button again. The DOOR CODE LED will illuminate for one second then go out.
- The transmitter button is now coded - press 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.

- Press the DOOR CODE button twice - the DOOR CODE LED and courtesy light will both illuminate.
- 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. The DOOR CODE LED will illuminate for one second then go out.
- Press the transmitter button to test.

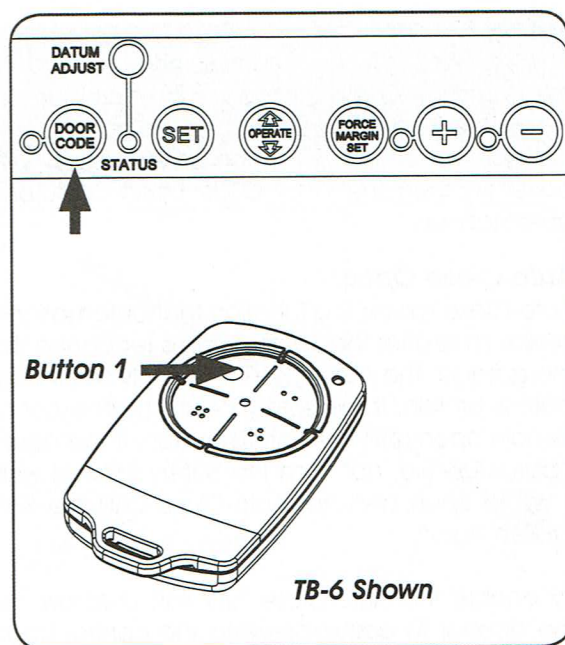
Coding a Transmitter Button to Enable Vacation Mode

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.

- Press the DOOR CODE button three (3) times - the DOOR CODE LED will illuminate and the courtesy light will flash slowly.
- Press one of the four (4) buttons on the transmitter for two (2) seconds, the DOOR CODE LED will begin to flash, pause for two (2) seconds, then press the same button again for two (2) seconds.
- The DOOR CODE LED will illuminate for one second and then go out, and the courtesy light will also switch off. This indicates the code has been stored.
- Press and hold the transmitter button for five (5) seconds to set Vacation Mode. The DOOR CODE LED will stay lit while Vacation Mode is active.
- To reset Vacation Mode, press the same button for two seconds, until the DOOR CODE LED turns off.

Coding a Transmitter to enable AUX Output

- Press the DOOR CODE button four (4) times - the DOOR CODE LED will illuminate and the courtesy light will flash quickly.
- Press one of the four (4) buttons on the transmitter for two (2) seconds, the DOOR CODE LED will begin to flash, pause for two (2) seconds, then press the same button again for two (2) seconds. The DOOR CODE LED will illuminate for one second then go out.
- Press the transmitter button to test.



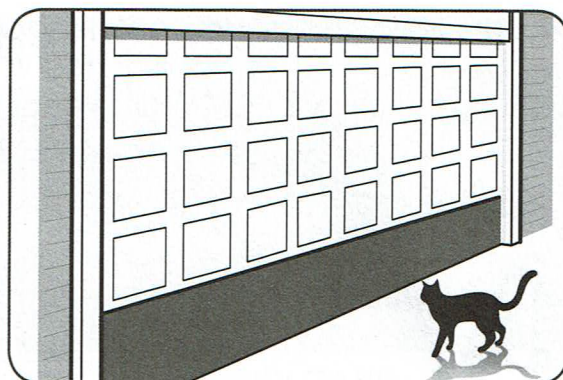
IMPORTANT NOTE: Only Tri-Tran+™ Technology Transmitters are compatible with these SDO products.

14. Coding a Transmitter

Setting the Transmitter to Operate PET (Pedestrian) Mode

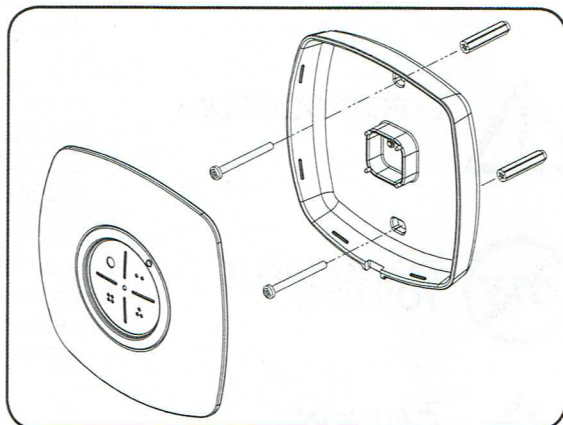
The PET mode position (see Programming the Opener) must be set prior to coding a transmitter.

- Press the DOOR CODE button five (5) times - the DOOR CODE LED will illuminate and the courtesy light will flash quickly (twice per second).
- Press one of the four (4) buttons on the transmitter for two (2) seconds, the DOOR CODE LED will begin to flash, pause for two (2) seconds, then press the same button again for two (2) seconds.
- The DOOR CODE LED will illuminate for one second and then go out, and the courtesy light will also switch off. This indicates the code has been stored.
- Press the transmitter button to test.



Installation of the Wall Mounted Transmitter

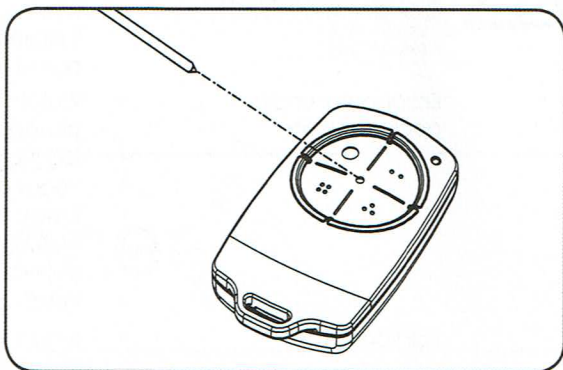
- Mount the transmitter in a convenient location, yet out of reach of children and at least 1.5m off the ground.
- Make sure the door is visible from this location.
- To set the transmitter press the DOOR CODE button and release. The DOOR CODE LED will illuminate to indicate the opener is in Code Learn mode. If a valid code is not stored within 15 seconds the opener will exit Code Learn.
- Press the transmitter button (one of four) that you want to control the door. The DOOR CODE LED will flash.
- Press the same transmitter button again. The DOOR CODE LED will illuminate for one second then go out.
- The transmitter button is now coded - press to test



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.

- Take any pre-coded transmitter. Press the button for the function to be duplicated and release.
- Using a small needle / pen, press and hold firmly for two seconds the middle button, through the Coding Hole.
- 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.
- Wait for ten (10) seconds and then press the new transmitter's button to test.



Erasing Programmed Codes

If the DOOR CODE button is pressed and held for six (6) seconds the DOOR CODE LED will blink rapidly for one second to indicate that all programmed codes have been erased.