

Installation

1 Before you begin

⚠ WARNING

To prevent possible SERIOUS INJURY or DEATH:

- Disconnect ALL electric and battery power BEFORE performing ANY service or maintenance.

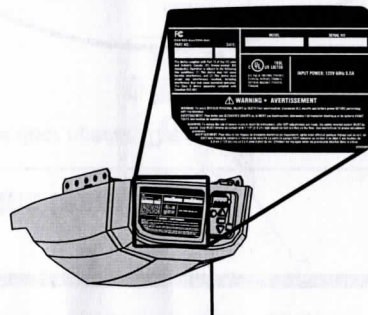
CAUTION

To prevent damage to the receiver/logic board, DO NOT touch printed circuit board of replacement receiver/logic board during installation.

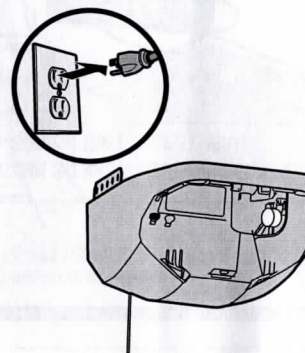
ALWAYS wear protective gloves and eye protection when changing the battery or working around the battery compartment.

NOTE: The products illustrated in the instructions are for reference. Your product may look different.

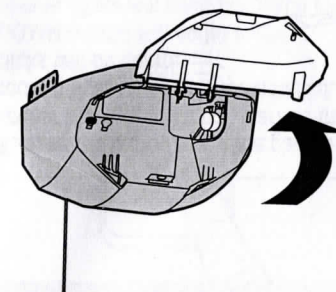
- 1.1** To maintain your warranty, place the provided label over the existing label on the end panel of the garage door opener.



- 1.2** Disconnect electrical power to the garage door opener.



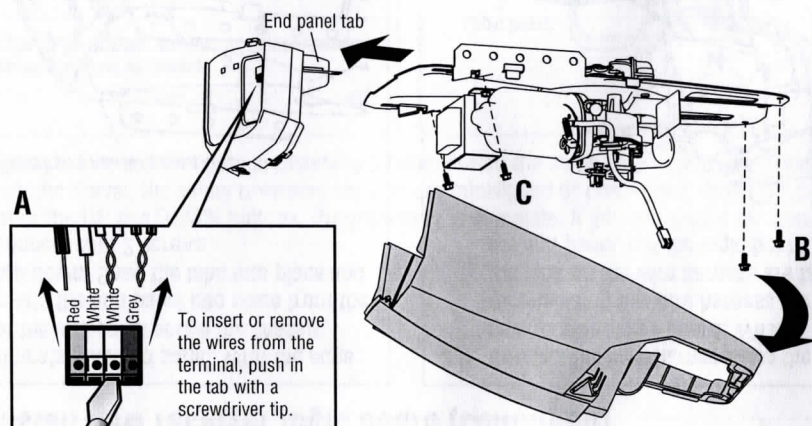
- 1.3** Remove the light lens by pushing the triangle tabs and rotating up.



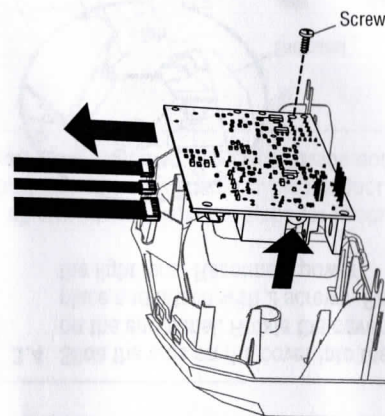
WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

2 Remove the receiver logic board

- 2.1** Disconnect the wires from the quick connect terminals (A). Remove the 2 screws under the light lens (B). Rotate the cover down and remove. Remove the 2 screws holding the end panel to the chassis (C). Press the end panel tabs to remove the end panel from the chassis.

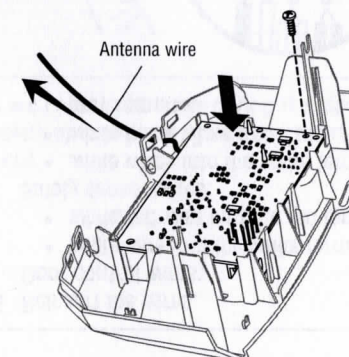


- 2.2** Unplug the wire harnesses from the receiver logic board and remove the receiver logic board from the end panel by removing the screw.



3 Install new receiver logic board

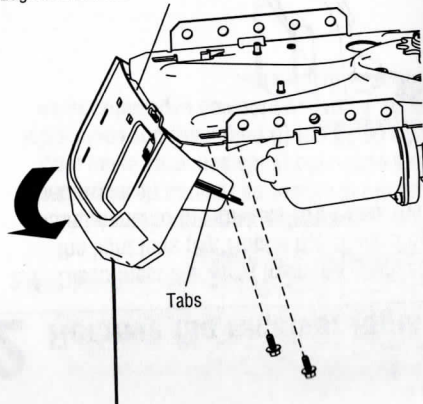
- 3.1** Insert the antenna wire through the guide in the end panel. Snap the receiver logic board into place on the end panel and fasten with the screw.



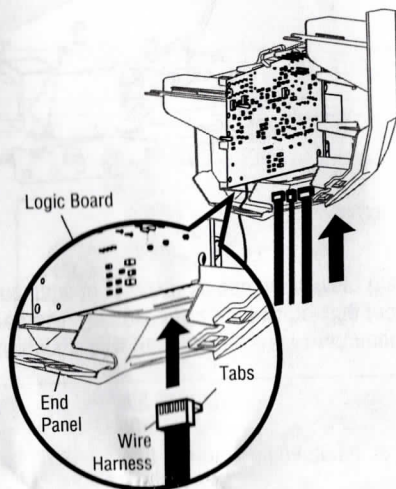
3 Install new receiver logic board (continued)

- 3.2** Reinstall the end panel. With the edge of the end panel above the chassis, rotate the end panel into place from the top down. Snap the tabs into place and connect with 2 screws.

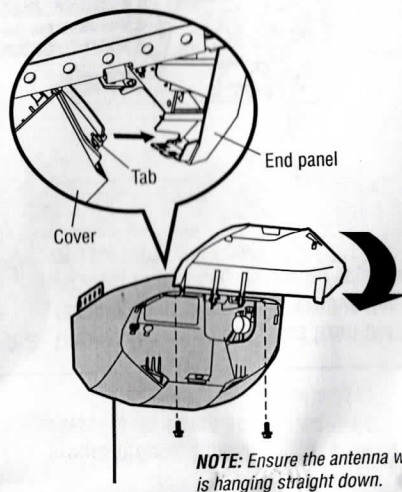
Edge of End Panel Above Chassis



- 3.3** Connect the wire harnesses to the new receiver logic board. When reconnecting the wire harness, be sure the tabs on the wire harness are facing the end panel, not the logic board.



- 3.4** Slide the tabs on the cover into the slots on the end panel. Rotate the cover into place and attach with 2 screws. Reinstall the light lens. Reconnect power.



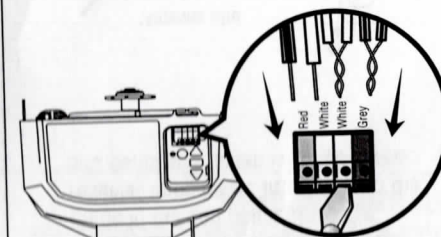
- 3.5** Reinsert the wires.

Door control wires:

- white wire into the white terminal.
- white/red wire into the red terminal.

Safety sensor wires:

- white wires into the white terminal.
- white/black wires into the grey terminal.



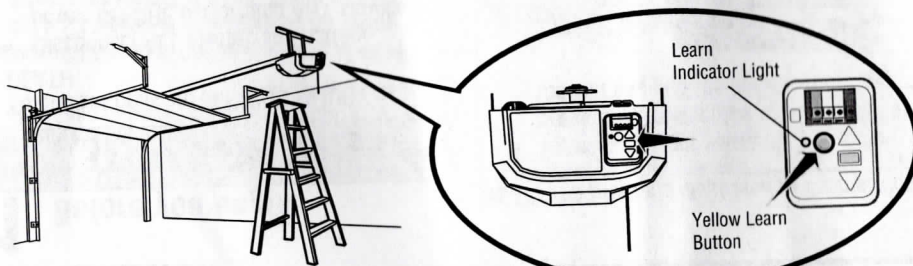
To insert or remove the wires from the terminal, push in the tab with a screwdriver tip.

NOTE: A test of the safety reverse system is necessary for safe operation.

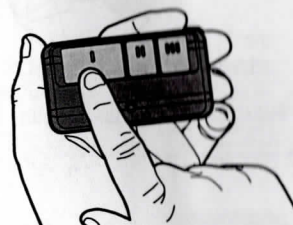
Programming

1 Program a remote control using the learn button

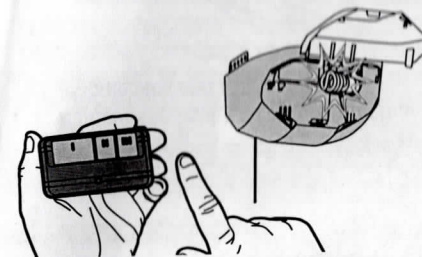
- 1.1** Press and release the Learn button on the garage door opener. The Learn indicator light will glow steadily for 30 seconds.



- 1.2** Within 30 seconds, press and hold the button on the remote control.



- 1.3** Release the button when the garage door opener light blinks. It has learned the code. If light bulbs are not installed, two clicks will be heard.



Adjustment

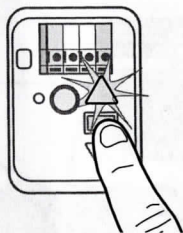
1 Program the travel

⚠ WARNING

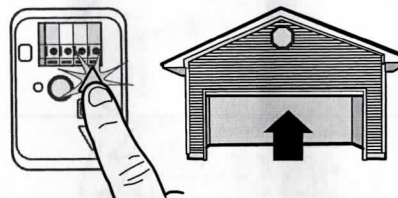
Without a properly installed safety reversal system, persons (particularly small children) could be **SERIOUSLY INJURED** or **KILLED** by a closing garage door.

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

- 1.1** Press and hold the Adjustment Button until the UP Button begins to flash.

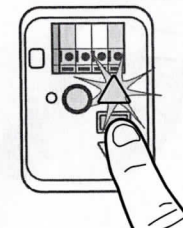


- 1.2** Press and hold the UP Button until the door is in the desired UP position.

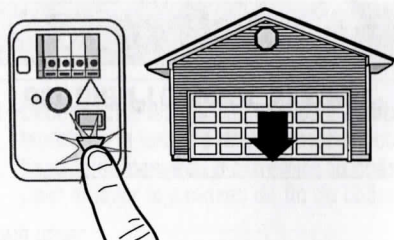


NOTE: The UP and DOWN Buttons can be used to move the door up and down as needed.

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

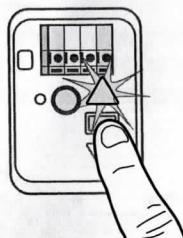


- 1.4** Press and hold the DOWN Button until the door is in the desired DOWN position.

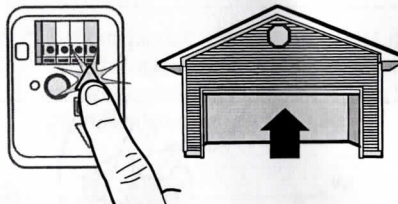


NOTE: The UP and DOWN Buttons can be used to move the door up and down as needed.

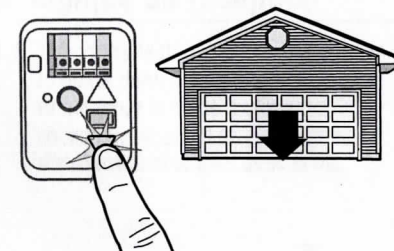
- 1.5** Once the door is in the desired DOWN position press and release the Adjustment Button. The garage door opener lights will flash twice and the UP Button will begin to flash.



- 1.6** Press and release the UP Button. When the door travels to the programmed UP position, the DOWN Button will begin to flash.



- 1.7** Press and release the DOWN Button. The door will travel to the programmed DOWN position. Programming is complete.



* If the garage door opener lights are flashing 5 times during the steps for Program the Travel, the programming has timed out. If the garage door opener lights are flashing 10 times during the steps for Program the Travel, the safety reversing sensors are misaligned or obstructed. When the sensors are aligned and unobstructed, cycle the door through a complete up and down cycle using the remote control or the UP and DOWN buttons. Programming is complete. If you are unable to operate the door up and down, repeat the steps for Programming the Travel.

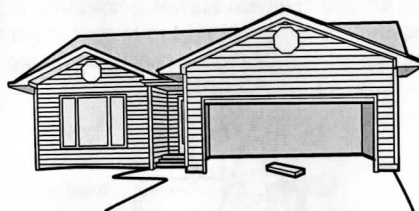
2 Test the Safety Reversal System

⚠ WARNING

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

- Safety reversal system **MUST** be tested every month.
- After **ANY** adjustments are made, the safety reversal system **MUST** be tested. Door **MUST** reverse on contact with 1-1/2" high (3.8 cm) object (or 2x4 laid flat) on the floor.

- 2.1 With the door fully open, place a 1-1/2 inch (3.8 cm) board (or a 2x4 laid flat) on the floor, centered under the garage door.



- 2.2 Press the remote control push button to close the door. The door **MUST** reverse when it makes contact with the board.



If the door stops and does not reverse on the obstruction, increase the down travel (refer to Adjustment Step 1).

Repeat the test. When the door reverses upon contact with the 1-1/2 inch board, remove the board and open/close the door 3 or 4 times to test the adjustment.

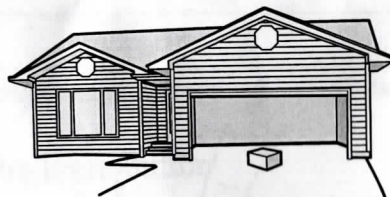
If the test continues to fail, call a trained door systems technician.

3 Test the Protector System®

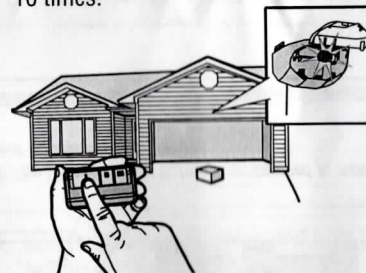
⚠ WARNING

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

- 3.1 Open the door. Place the garage door opener carton in the path of the door.



- 3.2 Press the remote control push button to close the door. The door will not move more than an inch (2.5 cm), and the garage door opener lights will flash 10 times.



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

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

4 Synchronize the Door Control

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