

Receiver Logic Board Assembly Replacement Instructions

WARNING

To prevent possible **SERIOUS INJURY** or **DEATH** from electrocution, disconnect power to opener **BEFORE** proceeding.

CAUTION

Do not touch printed circuit board of replacement receiver/logic panel assembly during installation.

REPLACING THE ASSEMBLY

1. Disconnect power to opener.
2. *Figure 1.* Use a screwdriver tip to push in the terminal connector tabs on the back panel, and release the wires from the terminal block. Pull the wires through the opening above the terminal block and allow to rest on top of the motor unit.
3. *Figure 2.* Remove the opener lens (refer to your owners manual) and bulbs.
4. Remove the two screws (**a**) located inside the upper left and right corners of the cover.
5. *Figure 3.* Remove the cover by gently pulling it forward, releasing its metal tabs (**b**) from slots on the top rear of the chassis.
6. Gently pull outward on a plastic ear (**c**) at one side of the back panel to disengage it from its retaining tab on the top rear of the chassis. Repeat with the opposite ear. The panel with its printed circuit board will drop down, still attached to two wire harnesses (**d**).
7. Unplug the wire harnesses from the board. You may need a long nosed pliers, or grasp the wires with thumb and forefinger and wiggle the harness free. Discard the panel with the old board.
8. (Avoid touching the new printed circuit board.) Plug both wire harnesses into the board on the new panel assembly, **taking care to seat them properly**.
9. Install the new assembly by engaging the slot on each plastic ear onto the chassis retaining tabs.
10. Feed all wires through the opening on top of the motor unit and panel assembly. Insert the door control wires into the terminal block by color: white wire into a white connector, white/red wire into red (Figure 4).
11. Insert the safety sensor wires: white wire into a white connector, white/black wire into black.
12. Reverse steps 3-5. to reassemble unit.
13. Reconnect power.

The opener needs to learn the code of all remotes in use. Instructions are on side two and in your owner's manual.

NOTE: A TEST OF THE SAFETY REVERSE SYSTEM IS NECESSARY FOR SAFE OPERATION. Instructions are on side two and in your opener's manual. **OPEN** and **CLOSE** force settings may also require adjustment. Refer to your owner's manual.

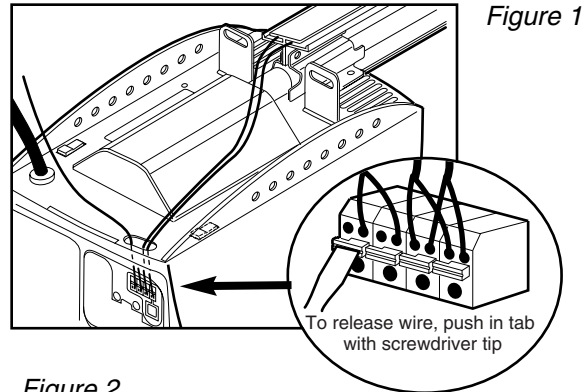


Figure 2

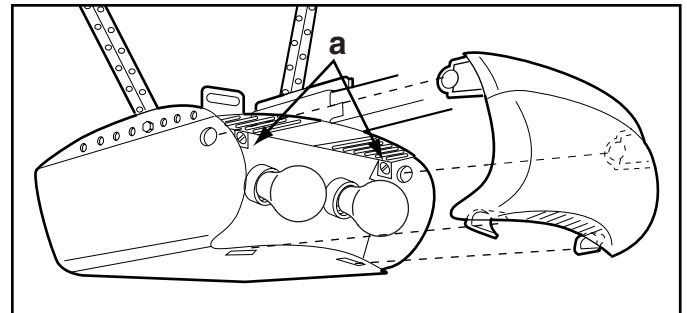


Figure 3

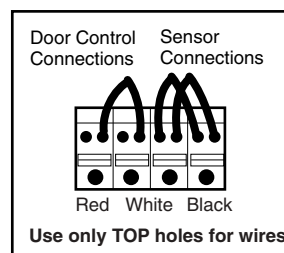
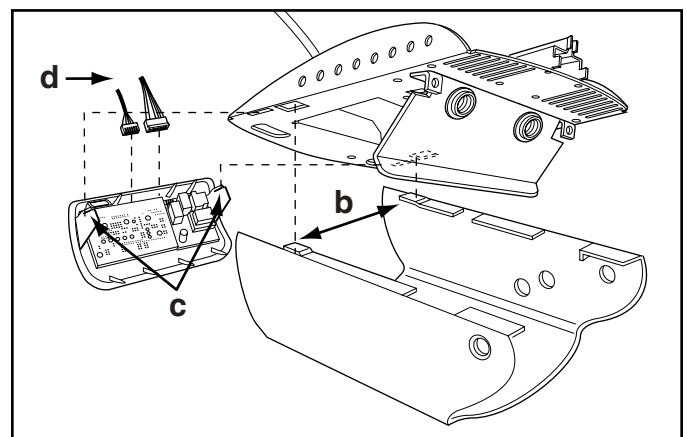
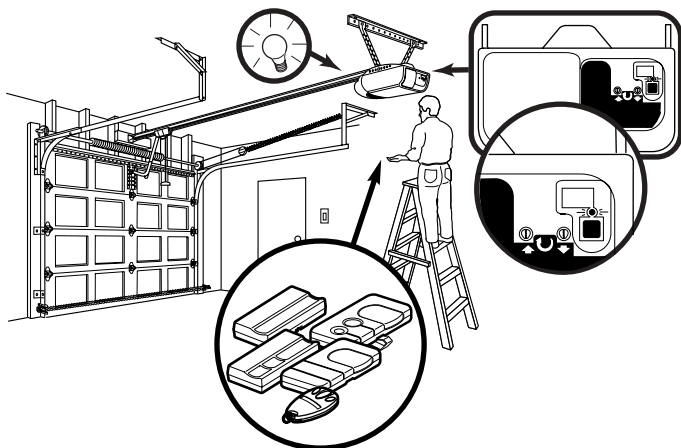


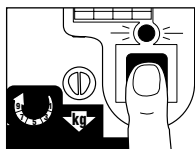
Figure 4

NOTE: One extra red hole and one white provided for additional door control or outside keylock.

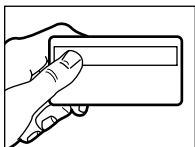
PROGRAMMING THE OPENER TO ACCEPT THE HAND-HELD REMOTE CONTROL CODE



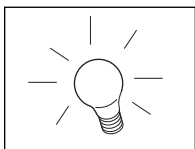
1. Press and release the “learn” button on the motor unit. The learn indicator light will glow steadily for 30 seconds.



2. Within 30 seconds, press and hold the button on the hand-held remote that you wish to operate your garage door.



3. Release the button when the motor unit lights blink. It has learned the code. If light bulbs are not installed, two clicks will be heard.



Repeat steps 1-3 for each remote control in use.

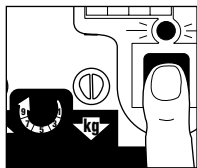
NOTE: If you use a keyless entry it must also be reprogrammed.

TO ERASE ALL CODES FROM MOTOR UNIT MEMORY

To deactivate any unwanted remote, first erase all codes:

Press and hold “learn” button on motor unit until the learn indicator light goes out (approximately 6 seconds). All previous codes are now erased.

Reprogram each remote or keyless entry you wish to use.



NOTICE: To comply with FCC and/or Industry Canada (IC) rules, adjustment or modifications of this receiver and/or transmitter are prohibited, except for changing the code setting or replacing the battery. THERE ARE NO OTHER USER SERVICEABLE PARTS.

Tested to Comply with FCC Standards FOR HOME OR OFFICE USE. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

⚠ WARNING

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.
- If one control (force or travel limits) is adjusted, the other control may also need adjustment.
- 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 the floor.

TEST THE SAFETY REVERSAL SYSTEM

Test

- With the door fully open, place a 1-1/2" board (or a 2x4 laid flat) on the floor, centered under the garage door.
- Operate the door in the down direction. The door **must** reverse on striking the obstruction.

Adjust

- If the door stops on the obstruction, it is not traveling far enough in the down direction. Reprogram the travel limits, refer to your garage door opener owner's manual.

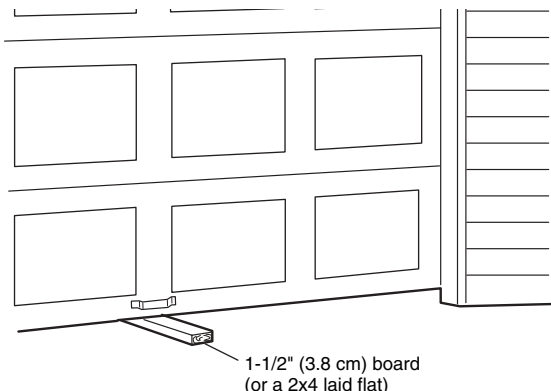
NOTE: On a sectional door, make sure limit adjustments do not force the door arm beyond a straight up and down position.

- Repeat the test.
- When the door reverses on the 1-1/2" board (or 2x4 laid flat), remove the obstruction and run the opener through 3 or 4 complete travel cycles to test adjustment.
- If the unit continues to fail the Safety Reverse Test, call for a trained door systems technician.

Important safety check:

Test the Safety Reverse System after:

- Each adjustment of door arm length, limits, or force controls.
- Any repair to or adjustment of the garage door (including springs and hardware).
- Any repair to or buckling of the garage floor.
- Any repair to or adjustment of the opener.



1-1/2" (3.8 cm) board
(or a 2x4 laid flat)