



# LiftMaster 041-0136 Safety Reversing Sensor Replacement Instruction Manual

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## **LiftMaster** 041-0136 Safety Reversing Sensor Replacement Instruction Manual



### **WARNING**

Be sure power is NOT connected to the garage door opener BEFORE installing the safety reversing sensor. To prevent SERIOUS INJURY or DEATH by closing the garage door:

- Correctly connect and align the safety reversing sensor. This required safety device MUST NOT be disabled.
- Install the safety reversing sensor so beams NO HIGHER than 6" (15 cm) above the garage floor.



**WARNING:** This product can expose you to chemicals including lead, which is 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](http://www.P65Warnings.ca.gov)

The images throughout this manual are for reference only and your product may look different

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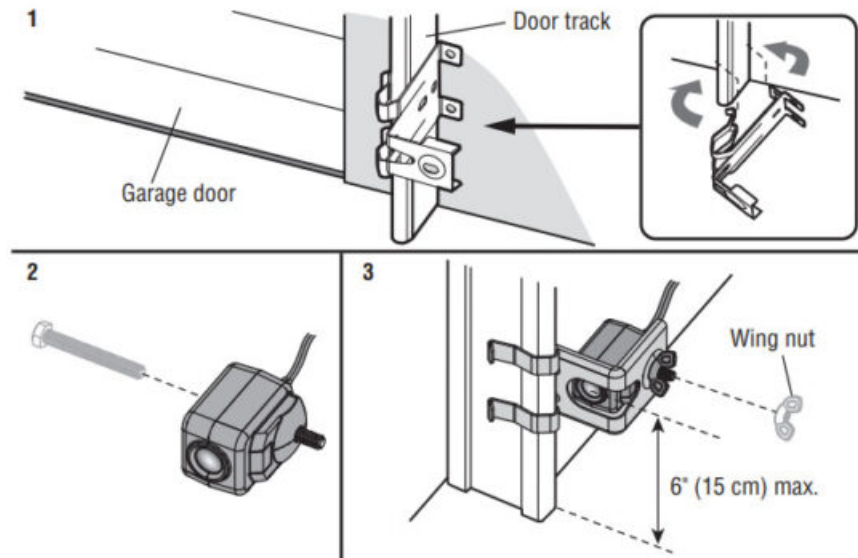
## **INSTALL THE SAFETY REVERSING SENSORS**

**Disconnect power to the garage door opener before you begin.**

The safety reversing sensors are designed to clip onto the door track with the provided sensor brackets. If the door track will not support the sensor bracket a wall installation is recommended. The sensor beam should be NO HIGHER than 6" (15 cm) above the floor.

**DOOR TRACK INSTALLATION**

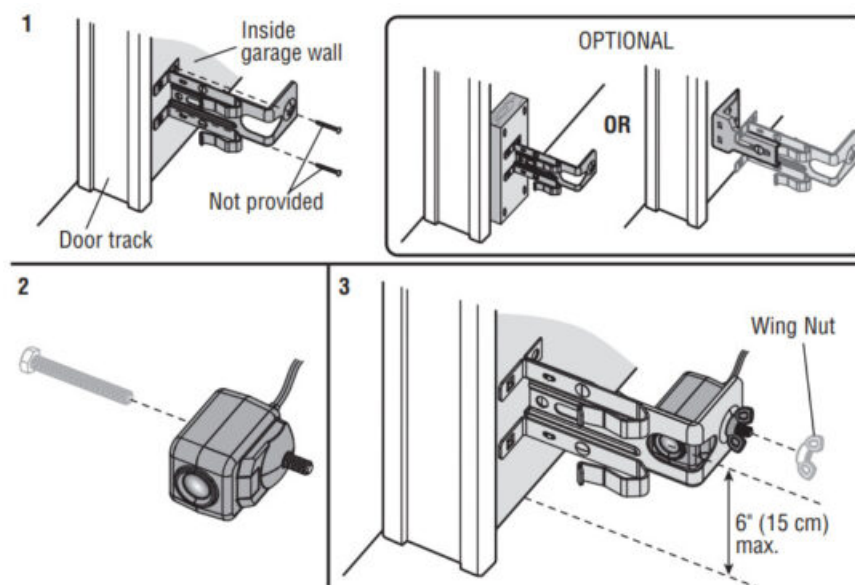
1. Slide the curved arms of the sensor bracket around the edge of the door track.  
Snap into place so that the sensor bracket is flush against the track.
2. Slide the hex screw through the sensor.
3. Attach the sensor to the bracket with the wing nut. Make sure the lens is not obstructed by the bracket.  
Repeat the steps with the other sensor on the opposite door track. Both lenses must face each other.



**WALL OPTION**

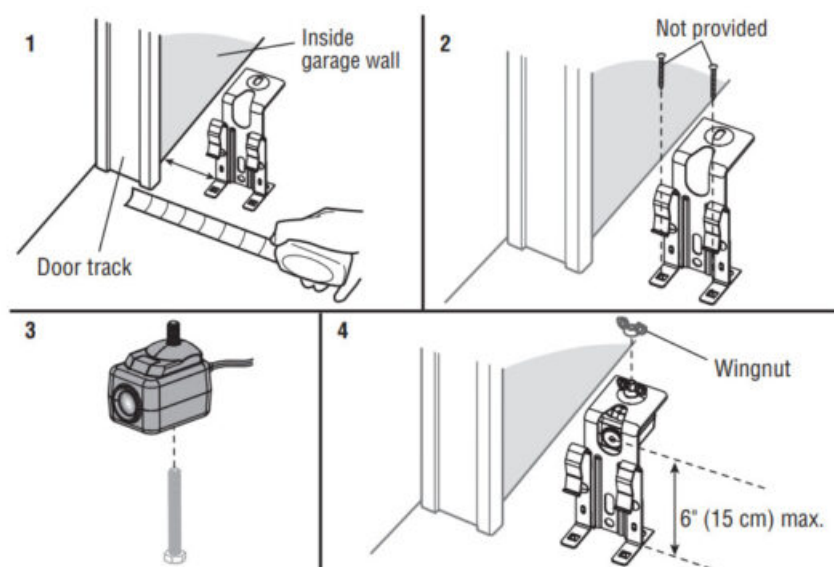
Make sure the brackets on each side are clear of the door track and have the same amount of clearance so the sensors will align correctly. If additional clearance is needed, use extension brackets 041A5281-1 (not provided) or wood blocks.

1. Attach the sensor bracket against the wall with two lag screws (not provided).
2. Slide the hex screw through the sensor.
3. Attach the sensor to the bracket with the wing nut. Make sure the lens is not obstructed by the bracket.  
Repeat the steps with the other sensor on the opposite side of the garage door. Both lenses must face each other.



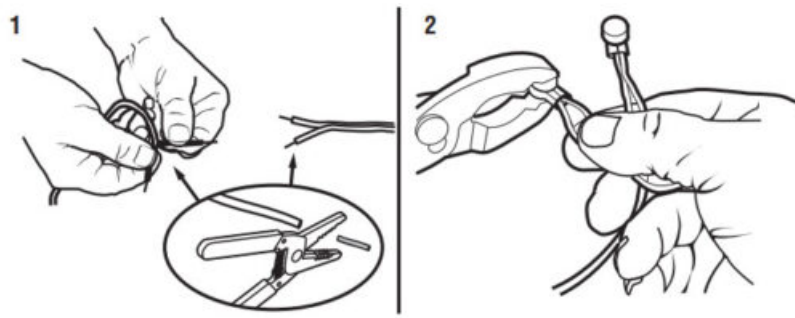
## FLOOR OPTION

1. Measure the position of both sensor brackets so they will be the same distance from the wall and unobstructed.
  2. Attach the bracket to the floor with concrete anchors (not provided).
  3. Slide the hex screw through the sensor.
  4. Attach the sensor to the bracket with the wing nut. Make sure the lens is not obstructed by the bracket.
- Repeat the steps with the other sensor on the opposite side of the garage door. Both lenses must face each other.



## WIRE THE SENSORS

1. Separate the ends of the new sensor wire. Cut any exposed wire down to the insulation.
2. Using the four locking connectors, connect the new wire to the existing wire by color: white/black white/black, white to white. NOTE: If installing in a pre-wired garage, connect the new sensor wires to the same pre-installed wires as the old sensors. Insert the wire all the way into the connector. Firmly crimp the connector with adjustable pliers. Once crimped, the connector cannot be re-used.



Reconnect power to the garage door opener.

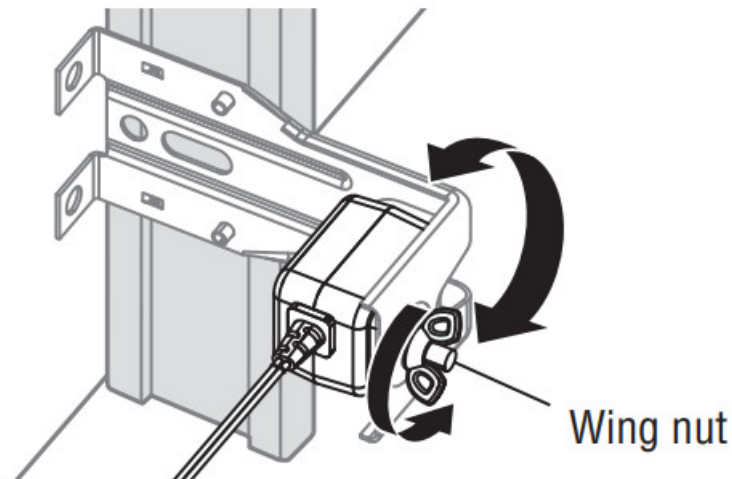
## ALIGN THE SENSORS

**IMPORTANT:** The safety reversing sensors must be connected and aligned correctly before the garage door opener will move in the down direction.

When the garage door opener has power, check the safety reversing sensors. If the sensors are aligned and wired correctly, both LEDs will glow steadily.

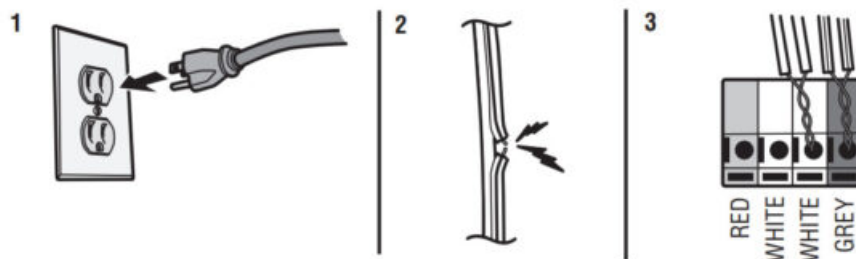
### To align the safety reversing sensors:

1. Loosen the wing nuts.
2. Adjust the sensors up or down until both LEDs glow steadily indicating alignment.
3. Tighten the wing nut to secure the sensor.



## TROUBLESHOOTING

If either of the sensor LEDs is off, there is no power to the sensor:



1. Check that you have power to the garage door opener.
2. Check the sensor wire is not shorted or broken.

3. Check that the sensors are wired correctly; white wires to the white terminal and white/black wires to the grey terminal.

**If the green receiving sensor LED is blinking, the sensors are obstructed or misaligned:**

1. Check for obstructions in the sensor light beam.
2. Align the sensors.
3. If the receiving sensor (green LED) faces direct sunlight, switch the sensors to opposite sides of the door to assure proper operation.

## TEST THE SENSORS

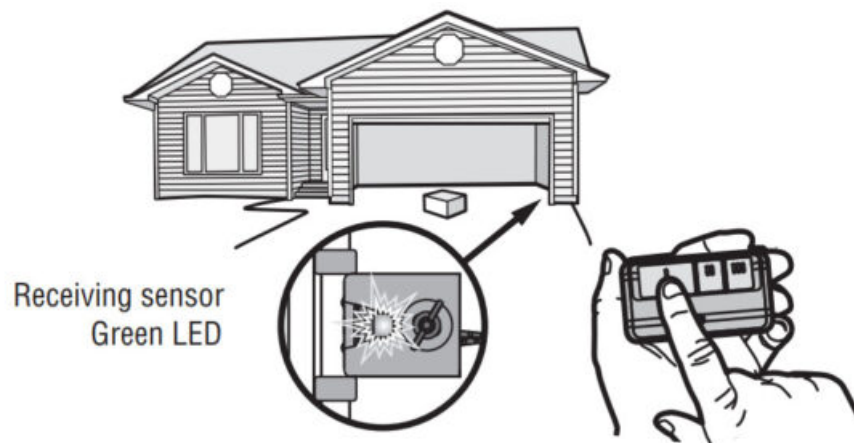


### WARNING

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

1. Open the door. Place the garage door opener carton in the path of the door.
2. Press the remote control push button to close the door. The door will not move more than 1" (2.5 cm), and the green LED on the receiving sensor will blink.

The garage door opener will not close from a remote control if the sensor light beam 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" [15 cm] above the floor), call for a trained door systems technician.



## 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.

The safety reversal system must be tested every month.

After **ANY** adjustments are made, the safety reversal system must be tested.

The door **MUST** reverse on contact with 1-1/2" (3.8 cm) high object (or 2×4 laid flat) on the floor.

1. With the door fully open, place a 1-1/2 inch (3.8 cm) board (or a 2×4 laid flat) on the floor, centered under the garage door.

2. Press the remote control or wall-mounted door control to close the door. The door should stop and reverse when it makes contact with the board. The door returns to the previous open position. Newer model openers will beep and the lights will flash 5 times to indicate a reversal.
3. If the door reverses, remove the board. The test is complete.

**If the door stops but does not reverse:**

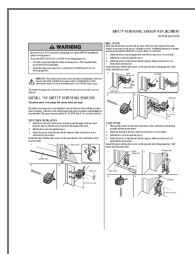
1. Refer to your garage door opener manual and set the down limit closer to the garage floor.  
**NOTE:** On a sectional door, make sure adjustments do not force the door arm beyond a straight up and down position.
2. Repeat the Safety Reversal test. If the test continues to fail, call a trained door systems technician.

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



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## Documents / Resources



[LiftMaster 041-0136 Safety Reversing Sensor Replacement](#) [pdf] Instruction Manual  
041-0136, 041-0155, Safety Reversing Sensor Replacement, Sensor Replacement, Reversing Sensor