

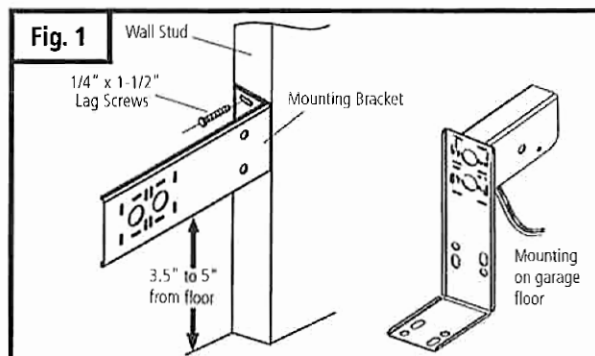
# Photo Eye Safety System

## Installation Instructions for Model: M8-705

**NOTE:** To provide maximum protection, the photo eye brackets must be mounted between 90mm and 127mm (3.5" and 5") above the floor, but not exceeding 127mm (5"), and sensors installed with the wires pointing towards the garage floor.

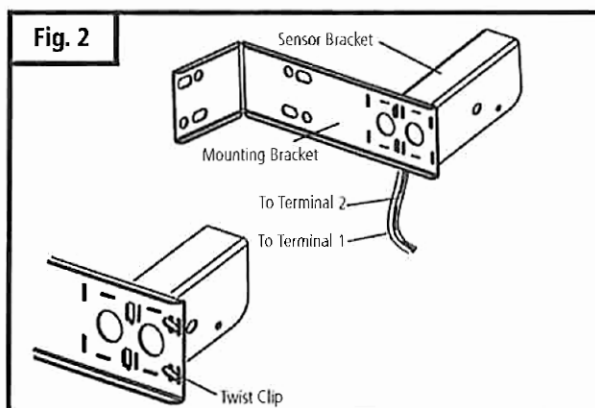
### MOUNTING THE PHOTO EYE SENSOR BRACKETS TO WALL Fig. 1

- Locate the mounting position for brackets (bracket can be mounted in any position as long as photo eye beam will have a clear path from one side of door to other side after mounting).
- Use the bracket mounting holes as a template to locate an drill (2) 3/16" diameter pilot holes on both sides of the garage door as shown in Fig. 1.
- Secure the bracket with 1/4" x 1-1/2" lag screws.



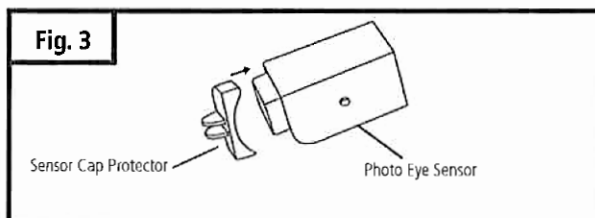
### MOUNTING THE PHOTO EYE SENSORS TO MOUNTING BRACKET Fig. 2

- Install the sensors to the mounting bracket by inserting bend clips of sensor bracket through the vertical slot on mounting bracket.
- Insert straight clips through other set of vertical slot on the mounting bracket.
- Twist one of the straight clips slightly to lock the sensor in place once inserted through vertical slot on the mounting bracket.
- Repeat the above procedure for the other sensor.



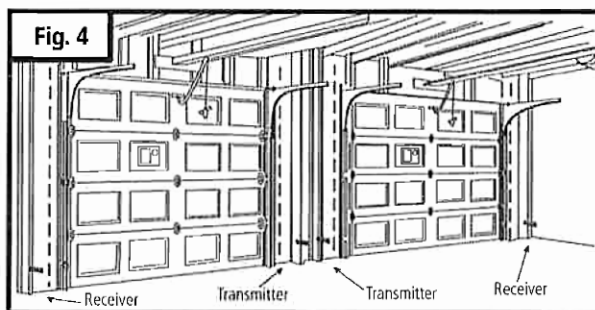
### SENSOR PROTECTION Fig. 3

- Before performing maintenance work in garage, such as, power washing, painting, and other tasks; protect sensors with provided sensor caps.



### DUAL DOOR INSTALLATION Fig. 4

- In dual door installations, the transmitter (TX) and the receiver (RX) photo eye sensors (as marked on each of the photo eye components) should be mounted as indicate in Fig. 4. TX and RX marks located on the back side of the transmitter and receiver.

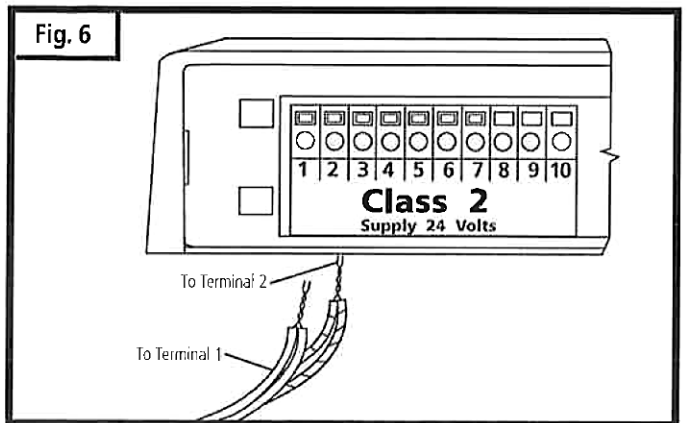
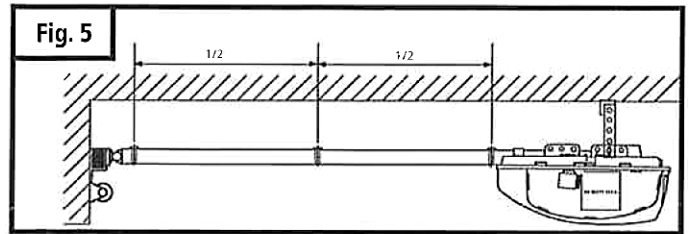


# Photo Eye Safety System

## Installation Instructions (continued)

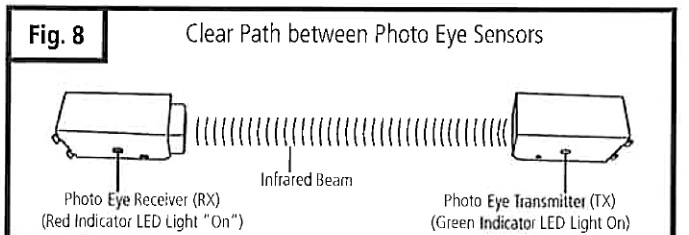
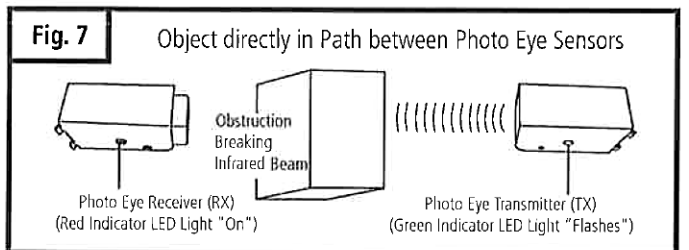
### Connecting Wires to the Operator:

- Run wires along the wall and the top of the rail assembly to the operator. Use the three wire holders to secure wires. See Fig. 5.
- Insert the stripped end of the white wire combination firmly into quick-connect terminal #1 by pushing the wires directly in the terminal hole. See Fig. 6. If the wires are difficult to insert, a screwdriver may be used to depress the terminal "tab" while inserting the wires. To remove wires, depress the tab again and pull wires out.
- Repeat procedure for the stripe wires (white/black stripe), insert them into quick-connect terminal #2.



### Photo Eye Sensors Alignment Procedure:

- Photo eye sensors maintain an invisible, unbroken beam between each other.
- When the photo eye sensors are connected to the operator and not aligned, the green light on the transmitter sensor flashes. See Fig. 7.
- When the sensors are aligned, the green light on the transmitter sensor will turn steady and the red light on the receiver sensor will light up.



**AFTER THE SENSORS HAVE BEEN PROPERLY ALIGNED, MAKE SURE THAT THE SYSTEM OPERATION AND SAFETY TEST OUTLINED BY THE GARAGE DOOR MANUFACTURER HAVE BEEN COMPLETED!**