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WAYNE DALTON CECOMINOD083338

WAYNE DALTON Wired Photoelectric Safety Sensor Kit

Model: CECOMINOD083338

Introduction

This manual provides essential instructions for the installation, operation, and maintenance of your WAYNE DALTON Wired Photoelectric Safety Sensor Kit. These sensors are designed to enhance the safety of your residential garage door opener by detecting obstructions in the door's path. Please read this manual thoroughly before proceeding with installation or use.

Safety Information

- **WARNING:** Disconnect all electrical power to the garage door opener before installing or servicing the safety sensors. Failure to do so may result in serious injury or death.
- Always wear appropriate safety gear, including eye protection, during installation.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not modify the safety sensors or their components. Use only genuine WAYNE DALTON replacement parts.
- Keep children and pets away from the garage door area during installation and operation.
- Test the safety sensors monthly to ensure proper function.

Package Contents

Verify that all components listed below are present in your kit:

- Wired Photoelectric Safety Sensors (Transmitter and Receiver)
- Wire (typically white, coiled)
- Mounting Brackets
- Fasteners (screws, nuts, bolts)
- Installation Instructions (this manual)



This image displays two black Wayne Dalton wired photoelectric safety sensors. Each sensor unit has a red indicator light and is labeled with the Wayne Dalton logo, a safety warning, and a model number (260597 and 260600 respectively). White coiled wires are attached to each sensor, indicating their wired nature.

Compatibility

This safety sensor kit is compatible with specific WAYNE DALTON garage door opener models. Please confirm your opener's model number before installation.
Compatible Models:

- **Torsion iDrive models:** 3651-372, 370-372
- **Quantum/Classicdrive models:** 3012, 3014, 3016, 3018, 3212, 3213, 3214, 3312, 3313, 3314, 3316, 3412, 3414, 3512, 3514
- **DoorMaster models:** 3660-372, 3661-372, 3662-372, 3760-372, 3751-372

Setup and Installation

Proper installation of the safety sensors is crucial for safe operation. Refer to your garage door opener's main manual for specific wiring diagrams if necessary.

1. **Disconnect Power:** Ensure the garage door opener is unplugged or its circuit breaker is off before beginning.
2. **Identify Sensors:** One sensor is a transmitter (sends the beam), and the other is a receiver (detects the beam). They are typically marked or have different indicator lights.
3. **Mounting Location:** Mount the sensors on each side of the garage door opening, approximately 4-6 inches above the floor. Ensure they are securely fastened to the wall or door track using the provided mounting brackets and fasteners. They must face each other directly.
4. **Wiring:** Route the sensor wires along the wall and ceiling to the garage door opener's terminal block. Connect the wires according to the wiring diagram in your garage door opener's manual. Typically, one wire connects to the common terminal and the other to the safety sensor terminal. Ensure polarity is correct if specified.
5. **Alignment:** Once wired, restore power to the opener. The indicator light on the receiver sensor should illuminate steadily when properly aligned. If the light is off or blinking, adjust the sensor's position until the light is solid. The beam must not be obstructed.
6. **Test Operation:** Perform the operational test described in the 'Operation' section to confirm correct installation.

Operation

The photoelectric safety sensors create an invisible infrared beam across the garage door opening. If this beam is interrupted while the door is closing, the garage door opener will automatically reverse direction, preventing the door from closing on an obstruction.

Testing the Safety Sensors:

1. Open the garage door completely.
2. Place an object (e.g., a cardboard box) in the path of the sensor beam.
3. Press the garage door opener's close button.
4. The door should not close and should either remain open or reverse to the open position. If the door attempts to close or closes on the object, the sensors are not functioning correctly. Disconnect power and re-check installation and alignment.
5. Remove the object and test the door's closing function again. The door should close normally.

Maintenance

Regular maintenance ensures the continued safe and reliable operation of your safety sensors.

- **Cleaning:** Periodically wipe the sensor lenses with a soft, dry cloth to remove dust, dirt, or debris that may obstruct the beam. Do not use abrasive cleaners.
- **Alignment Check:** Visually inspect the sensors monthly to ensure they remain properly aligned and securely mounted. The indicator light on the receiver should be solid.
- **Wire Inspection:** Check the sensor wires for any signs of damage, fraying, or loose connections. Repair or replace damaged wiring immediately after disconnecting power.
- **Operational Test:** Perform the operational test described in the 'Operation' section monthly.

Troubleshooting

If your garage door opener is not functioning correctly, consult the following table for common issues and solutions related to the safety sensors.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Garage door will not close, or reverses immediately.	Safety sensor beam is obstructed or misaligned.	Check for obstructions. Clean sensor lenses. Realign sensors until the receiver's indicator light is solid.
Receiver sensor indicator light is off or blinking.	Misalignment, obstruction, or wiring issue.	Ensure sensors are facing each other directly. Clear any obstructions. Check wiring connections at both sensors and the opener.
Door closes but does not reverse when beam is broken.	Sensors are not functioning or incorrectly wired.	Immediately disconnect power. Re-check all wiring connections. Ensure sensors are compatible with your opener. If issues persist, contact customer support.

Specifications

Feature	Detail
Product Type	Wired Photoelectric Safety Sensor Kit
Model Number	CECOMINOD083338
Part Number	252118
Manufacturer	Wayne Dalton
Power Source	Wired (No batteries included)
Compatibility	Specific Wayne Dalton Torsion iDrive, Quantum/Classicdrive, and DoorMaster models.

Warranty Information

WAYNE DALTON products are manufactured to high-quality standards. For specific warranty details regarding your safety sensor kit, please refer to the warranty documentation included with your original garage door opener or contact WAYNE DALTON customer support. Keep your proof of purchase for warranty claims.

Customer Support

If you encounter any issues not covered in this manual, or require further assistance with installation or troubleshooting, please contact WAYNE DALTON customer support. Provide your product model number and a detailed description of the issue for efficient service.
Contact information for WAYNE DALTON can typically be found on their official website or on your garage door opener unit.

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