

INSTALLATION INSTRUCTIONS

OVERVIEW

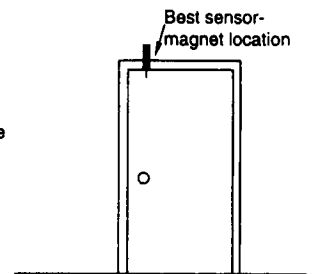
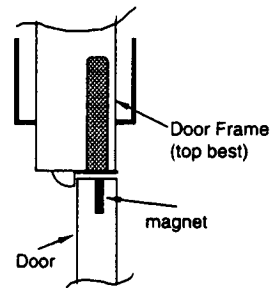
The Learn Mode Recessed Mount Door Sensor employs Learn Mode technology, simplifying sensor programming. You trip the sensor, and the sensor transmits its ID to the Master Control Unit (MCU), which "LEARNS" the sensor. The Recessed Mount Sensor is primarily designed to be installed in the door frame, but it may also be suitable for some windows. When a door is opened, the Recessed Mount Sensor will transmit a "TRIP" signal to the MCU. When the door is closed, a "RESTORE" signal is transmitted. *These signals are sent whether the system is armed or not.*

The Recessed Mount Door Sensor:

- contains an RF transmitter that can send signals at least 500 feet in open air.
- contains one magnetic reed switch.
- is powered by a 3.5-VDC lithium battery, which should last 1 year. If the battery becomes low, the sensor transmits a low battery (trouble) report to the MCU. If the battery is low, call your installation dealer for service.
- sends a supervisory signal to the MCU every 64 minutes.
- has an operating temperature range of 10° to 120° F.

DO

- install the transmitter in the door frame to decrease the possibility of shock and moisture damage from opening/closing the door.
- for door installation, drill far enough into the center of the door frame to avoid drilling through interior walls or exterior siding.
- try to keep all sensors within 100 feet of the MCU. The 100-foot distance recommendation is given as a starting guideline. The door sensor has an open-air range of at least 500 feet, but the installation environment will influence this range.



DON'T

- mount the sensor into metal, due to RF constraints.
- place sensors in areas with excessive metal or electrical wiring, such as furnace/utility rooms.
- place sensors in areas where they will be exposed to moisture. Sensors are for indoor use only.
- place sensors in locations where the temperature will exceed the sensor's operating limits of 10° to 120° F.

PROGRAMMING

To program this sensor:

1. Press PROGRAM, enter the Master Password, and enter 2, 1, and 1.
2. Trip the sensor by holding the sensor's magnet up to the exposed end of the transmitter and then removing it.
3. Enter the sensor code, description number, arming level, and delay status (see the *FONSAFE Installation Manual*, 46-926).

TESTING

IMPORTANT!

Test the sensor before installing. Refer to the *Sprint FONSAFE Installation Manual* for more detailed testing instructions.

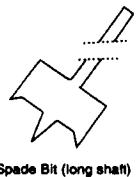
General guidelines for testing the sensor are:

1. On the MCU, press TEST, enter the Master Password, and press 0.
2. Trip the sensor. To simulate its operating conditions, we recommend testing the transmitter by holding it on the exterior side of the door frame and then tripping it.
3. Note the number of beeps indicating the device's sensor. If the MCU beeps 6 to 8 times, the sensor is fine. If the MCU beeps less than 6 times, reposition the sensor and then repeat the test from step 1.

INSTALLATION

Install the transmitter first.

1. Using a 7/8" spade or paddle bit, drill a hole to the minimum depth of 4-3/4" in the door frame (or window frame if mounting as a window sensor).
2. Remove the transmitter board from the tube. To avoid static damage, set the board on a non-metallic surface.
3. Slide the transmitter tube into the hole. The lip of the tube should fit snugly against the door frame surface.
4. Reinsert the transmitter board into the tube.
5. Test the sensor to verify that the transmitter is working properly (see "Testing").
6. After verifying its proper operation, use the screws provided to secure the transmitter in place.



Install the magnet second.

1. Drill a 1/2" diameter hole for mounting the magnet in wood. The hole should be 1-1/2" deep and centered on the opposite transmitter hole, and located so the magnet won't interfere with door or window opening.
2. Place the magnet in the hole. It should fit tightly; if not, secure it with adhesive.
3. Test the sensor again to be sure the sensor and magnet are aligned properly (see "Testing").

FCC NOTICE

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Sprint can void the user's authority to operate the equipment.

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Sprint Support Line: 1-800-854-5666