

Gate Crafters CS202 Free Exit Sensor Wiring Instructions

WARNING: The Free Exit Sensor works on electromagnetics and could be triggered by a child on a bike or metal gear and accessories worn by pets or livestock. It is not recommended for use around children. With all wiring, do not let exposed wiring make a connection with exposed wiring or a connection on the control board.

The CS 202 sensor uses passive probe sensor to detect changes in the earth's magnetic field. These changes are caused by a movement of ferrous metal objects such as a car in the proximity of the probe. The sensing area of each probe is in the shape of about 15-foot circle. The size of this detection circle changes with the size and speed of the moving car.

The CS 202 sensor can be buried in the ground about 6 inches deep parallel to the paved driveway. It also can be placed 2" deep in asphalt or concrete under the path of the vehicle. In all cases, the probe has to stay totally motionless and be free of any vibration in order to prevent false detects. The lead-in cable has to be protected from any damage to its outer insulation.

Directions for using the GateCrafters.com exit wand with the *Estate Swing*

1. Disconnect the battery and power from the *Estate Swing* control board.
2. On the wire coming from the Free Exit Wand strip off 2 inches of insulation from the **Gray** cover
3. Connect the **Brown** wire to terminal 1 on the *Estate Swing* control board
4. Connect the **Green** wire to one of the negative terminals on the *Estate Swing* control board.
5. Connect the **Black** wire from the free exit wand wire to the **Black Battery Spade**
6. Connect the **Red** wire from the free exit wand wire to the **Red Battery Spade**
7. **IMPORTANT: In order for the *Estate Swing* to function properly and safely with the Free Exit Wand it must be set to Logic "A" (page 18)**
8. After making connections the Free Exit Wand must power up for 60 seconds before use.

Directions for using the GateCrafters.com exit wand with *GTO* openers

1. Disconnect the battery and power from the *Estate Swing* control board.
2. On the wire coming from the Free Exit Wand strip off 2 inches of insulation

from the **Gray** cover

3. Connect the **Brown** wire to the **Exit/Open** terminal on the *GTO* control board

4. Connect the **Green** wire to the **com** terminal on the *GTO* control board.

5. Connect the **Black** wire from the free exit wand wire to the **Black Battery Spade**

6. Connect the **Red** wire from the free exit wand wire to the **Red Battery Spade**

7. After making connections the Free Exit Wand must power up for 60 seconds before use.