

AXWV WIRELESS VEHICLE SENSOR

OVERVIEW

⚠ WARNING: DO NOT USE THIS DEVICE WITH LIVESTOCK OR OTHER ANIMALS.

NOTE

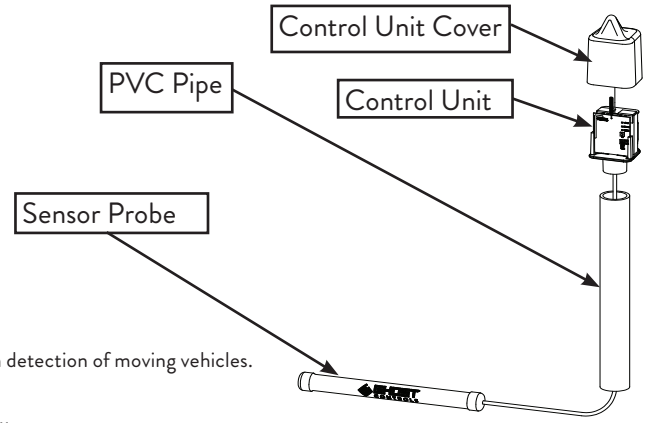
THIS VEHICLE SENSOR ONLY WORKS WITH GHOST CONTROLS OPENER SYSTEMS.

PLEASE READ THE INSTRUCTIONS INCLUDED WITH THIS ITEM PRIOR TO INSTALLING.

IMPORTANT ITEMS REQUIRED
Two (2) C Alkaline Batteries are required and **not included**. One (1) Ghost Controls Transmitter that already operates the gate.

KIT CONTENTS:

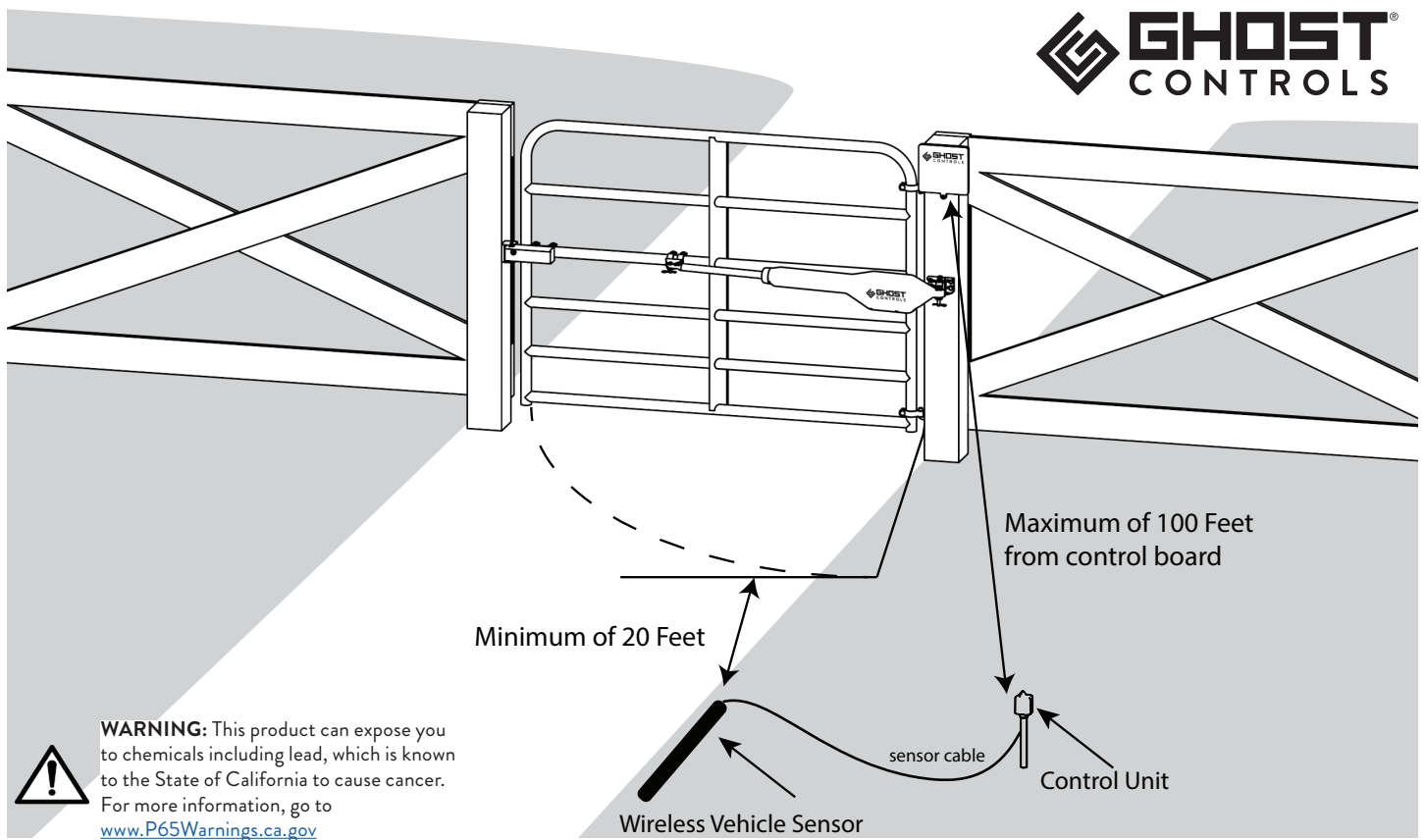
- 1 – Control Unit with control board (to be installed above ground)
- 1 – Sensor Probe with 10 foot cable (to be buried below ground)
- 1 – 12" PVC Pipe



PREPARING FOR INSTALLATION:

- Must be located at least 20 feet beyond the path of the moving gate.
- Must be located where the driver of the approaching vehicle has clear view of the gate.
- Bury probe approximately 12" deep and as close to the driveway as possible for maximum detection of moving vehicles.
- The Control Unit must be at least 6" above ground.
- The Control Unit also should be with 100 feet of the Ghost Controls receiver/control box.

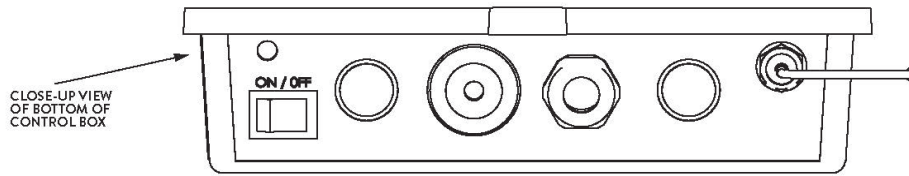
NOTE
The operating distance may vary depending on Radio Frequency interference at each installation site. Avoid installing the unit near power lines, transformers or running motors.



WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov

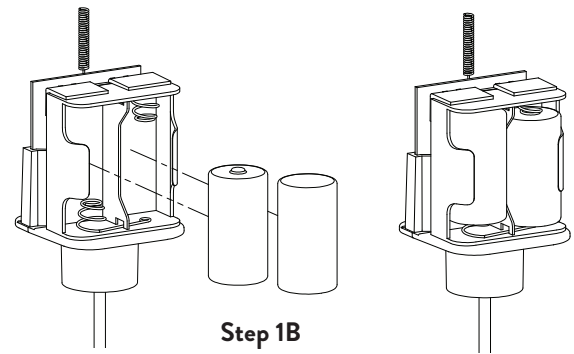
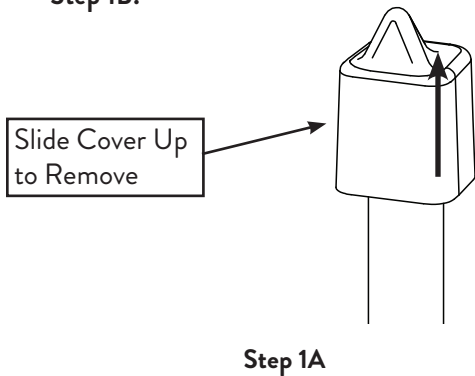
1. SETTING UP YOUR WIRELESS VEHICLE CONTROL UNIT BOARD*:

BEFORE CONTINUING MAKE SURE YOUR GATE IS CLOSED. TURN THE GATE OFF BY TURNING THE SWITCH TO THE OFF POSITION ON THE BOTTOM OF THE CONTROL BOX.



*The following steps can be performed indoors BEFORE digging and burying the Sensor Probe.

- A. Remove the cover on Control Unit by sliding the outer black cover upward to access the Control Unit board and battery holder. **Shown below in Step 1A.**
- B. Insert/Install two C batteries (not included) into the battery holder with correct polarity aligned. **Shown below in Step 1B.**

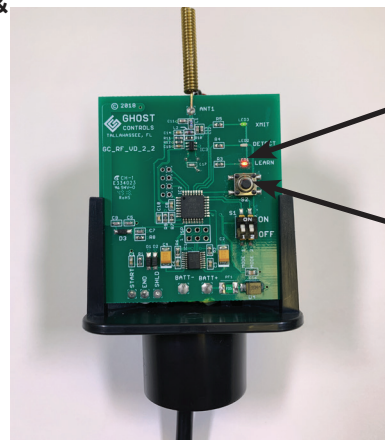


2. TEACHING THE TRANSMITTER TO THE WIRELESS VEHICLE CONTROL UNIT BOARD:

BEFORE CONTINUING, MAKE SURE YOUR TRANSMITTER IS ALREADY CAPABLE OF OPENING THE GATE.

- A. On Control Unit Board, press and hold the button below the “LEARN” LED light until the RED “LEARN” LED light is on. **(Example 2A)**
- B. Release the button, the RED “LEARN” LED should remain ON indicating it is in “LEARNING” mode and waiting for the signal from the transmitter.

Step 2A &
Step 2B



PRESS and HOLD Learn button on Control Unit board until RED LED light turns on and remains solid on.

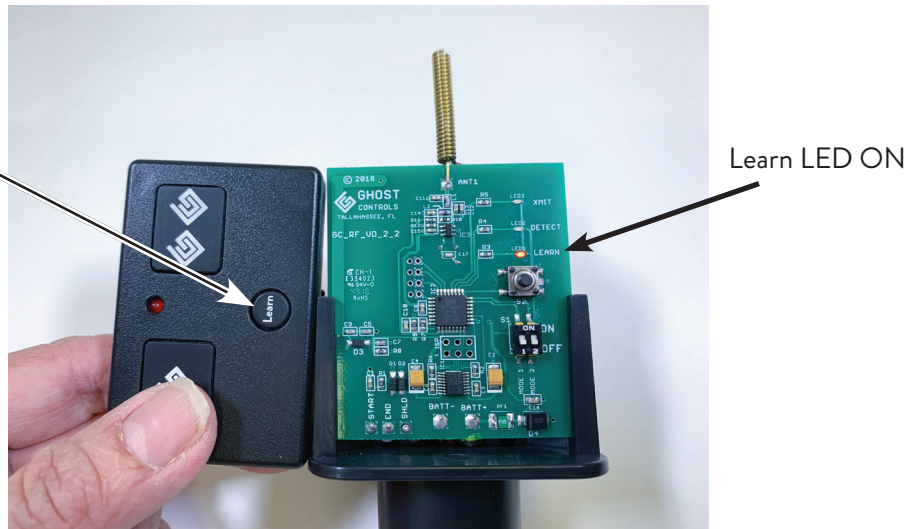
NOTE

The Control Unit will automatically exit “LEARNING MODE” after 60 seconds if no valid signal from Remote Transmitter is detected.

C. Place the transmitter next to Control Unit on left side with the remote transmitter LEARN button located closest to the left side of the Vehicle Sensor Control Board. **(Shown below, Step 2C)**

Step 2C

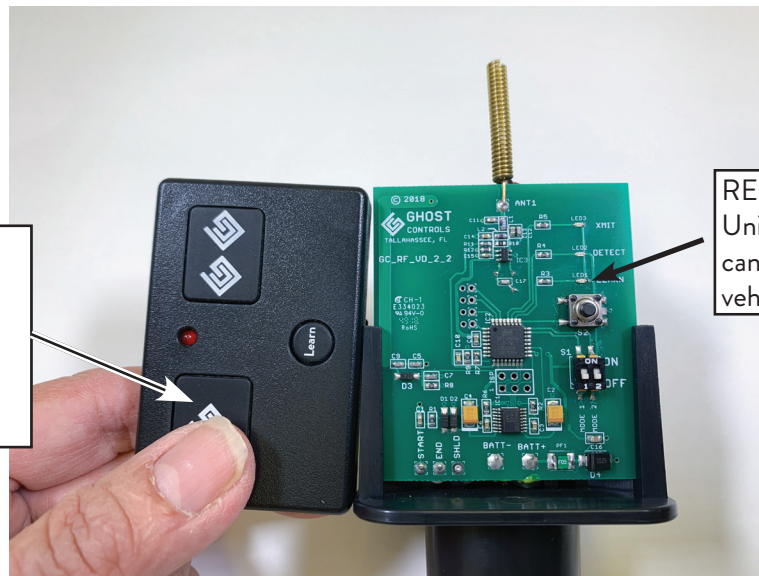
Learn button on remote transmitter closest to left edge of Control Unit Board. **DO NOT** press this "Learn" button.



D. On the transmitter, **PRESS** and **HOLD DOWN** the button on remote transmitter (typically the large button with the single GC logo) that controls the gate. **(Shown below, Step 2D)**

Step 2D

This remote transmitter button currently opens the gate. Press and HOLD this button until RED LED on Control Unit goes out.



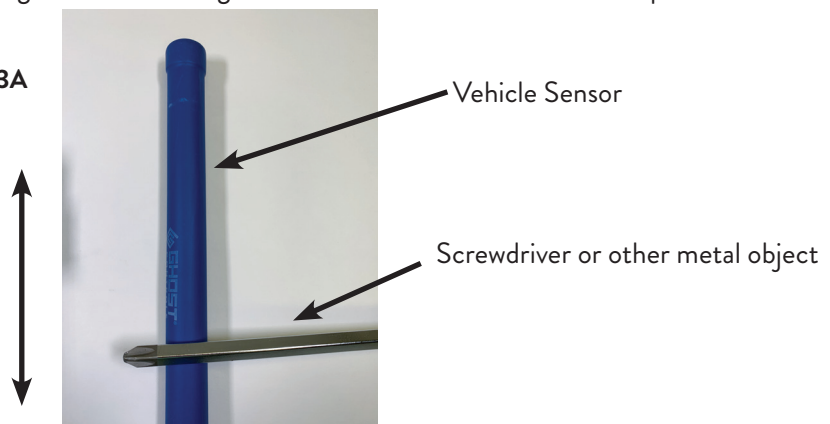
E. The RED "LEARN" LED on the Control Unit Board should go OFF indicating the signal is "LEARNED".

3. TESTING THE SENSOR PROBE:

A. Move some type of steel object like a large screw driver along the vehicle sensor (as shown below in Step 3A).

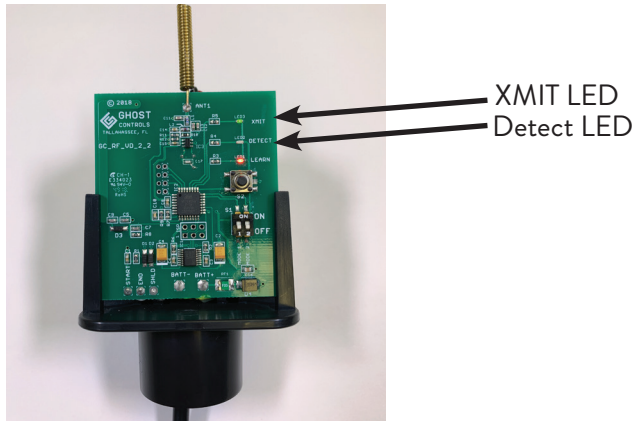
Step 3A

Move screwdriver this way



B. Observe that the yellow “DETECT” LED turns ON and the green “XMIT” LED is blinking for 1 second. (Shown in Step 3B.) This LED sequence indicates that the Vehicle Sensor has detected the metal and is transmitting.

Step 3B



4. INSTALLING YOUR WIRELESS VEHICLE SENSOR PROBE AND CONTROL UNIT (REMOVE THE (2) C SIZE BATTERIES FOR THIS STEP):

PLAN YOUR INSTALLATION LOCATION FOR THE BEST RADIO FREQUENCY RANGE

A. Make sure your gate is in the CLOSED POSITION and opener is OFF to avoid accidental opening of the gate.

B. Complete steps 1–3 as shown previously.

C. Measure and lay the sensor probe on the ground, next to driveway, and at least 20 feet from the open edge of the gate. We recommend placing sensor closest to side of driveway that vehicle exits. Prop up the Control Unit Board at least 6” above ground.

D. INSTALL THE BATTERIES INTO THE CONTROL UNIT and wait for the LEDs to stop blinking before continuing.

E. Make sure there are no vehicles or steel or metal objects near the sensor. Turn the gate opener system on.

F. Move a steel object over the sensor probe (repeating Step 3A) **OR** press and quickly release the push button on the Vehicle Sensor Control Unit Board to send the “OPEN” signal to the gate.

G. The green “XMIT” LED on the Vehicle Control Unit Board will start blinking rapidly and the yellow “DETECT” LED will stay lit for 1 second to indicate that the “OPEN” signal is being sent.

H. The gate should open when it receives the signal from the wireless vehicle sensor.

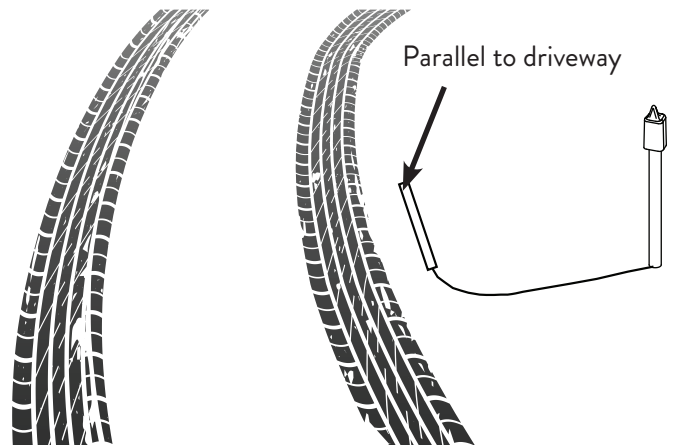
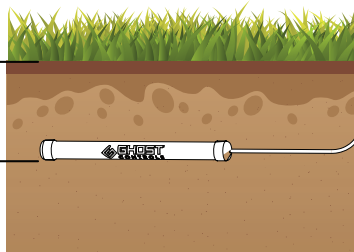
I. Once the desired location is located, **REMOVE THE BATTERIES FROM THE CONTROL UNIT BEFORE PROCEEDING.**

DIG A TRENCH FOR THE SENSOR PROBE AND WIRE:

A. Dig a trench approximately 12” deep to bury the Sensor Probe. In most cases, the sensor should lie in trench horizontally and parallel to the driveway.

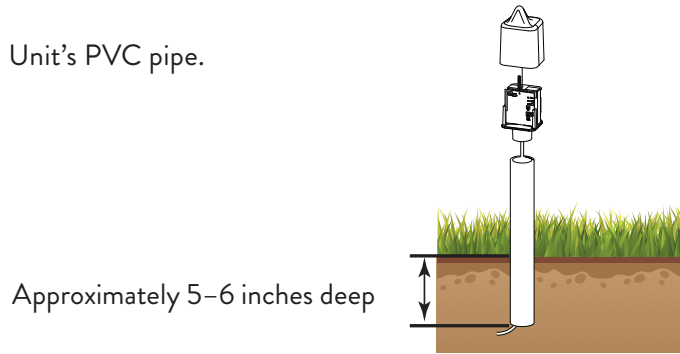
B. Dig a trench to bury the wire between the Sensor Probe and the Control Unit.

Dig trench approximately 12 inches deep and parallel to ground surface



DIG A HOLE FOR THE CONTROL UNIT:

A. Dig a hole 5"-6" deep for the Control Unit's PVC pipe.



B. Optional: Rebar can be used as additional stability and support for the PVC Pipe and Control Unit.

NOTE

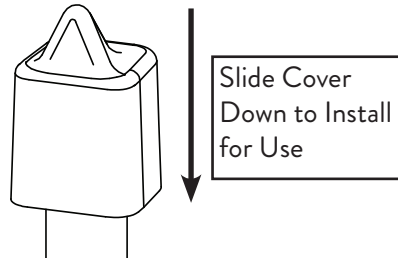
Gate should be closed before proceeding to Step 5. If not, close the gate before continuing.

5. MAKE SURE GATE IS TURNED ON AND TEST THE SENSOR BY DRIVING YOUR VEHICLE DOWN THE DRIVEWAY:

A. **INSTALL THE C-SIZED BATTERIES BACK INTO THE CONTROL UNIT** and observe that ALL LED's turn ON for 1 second then turn off.

B. Once sensor calibrates for 3 minutes then slowly drive past the Sensor Probe and verify that the wireless vehicle sensor opens the gate.

C. Reinstall the cover for the Control Unit.



FILL IN THE TRENCH AND HOLE:

A. After verifying that the vehicle sensor is functioning properly, **TURN OFF** the gate opener because a moving shovel can trip the sensor and open your gate.

A. Fill in the trenches and the hole with dirt.

B. Turn on the gate opener. Operate the gate normally.

C. Check condition of batteries several times throughout the year and replace batteries as needed.

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
- This device may not cause harmful interference
- This device must accept any interference received, including interference that may cause undesired operation.

WARNING

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

WARRANTY:

GHOST CONTROLS® Vehicle Sensors are warrantied for 18 months with proof of purchase. An additional 6 month warranty is available at NO COST if you register your product within 30 days of purchase on ghostcontrols.com/register. See warranty terms on ghostcontrols.com/warranty.

For more information on GHOST CONTROLS® Automatic Gate Openers and Accessories please visit our website at ghostcontrols.com.

