WIRELESS VEHICLE SENSOR

OVERVIEW

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

NOTE

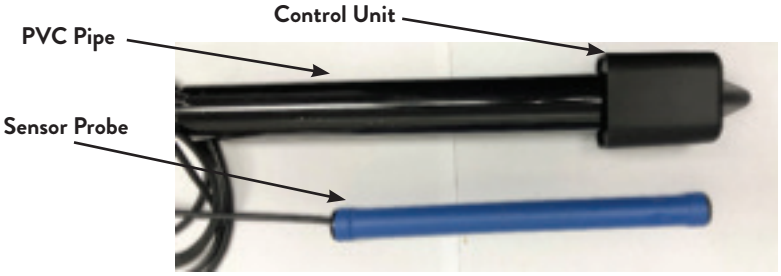
PLEASE READ THE MANUFACTURERS INSTRUCTIONS INCLUDED WITH THIS ITEM PRIOR TO INSTALLING.

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' cable (to be buried below ground)
- 1 – 12" PVC Pipe

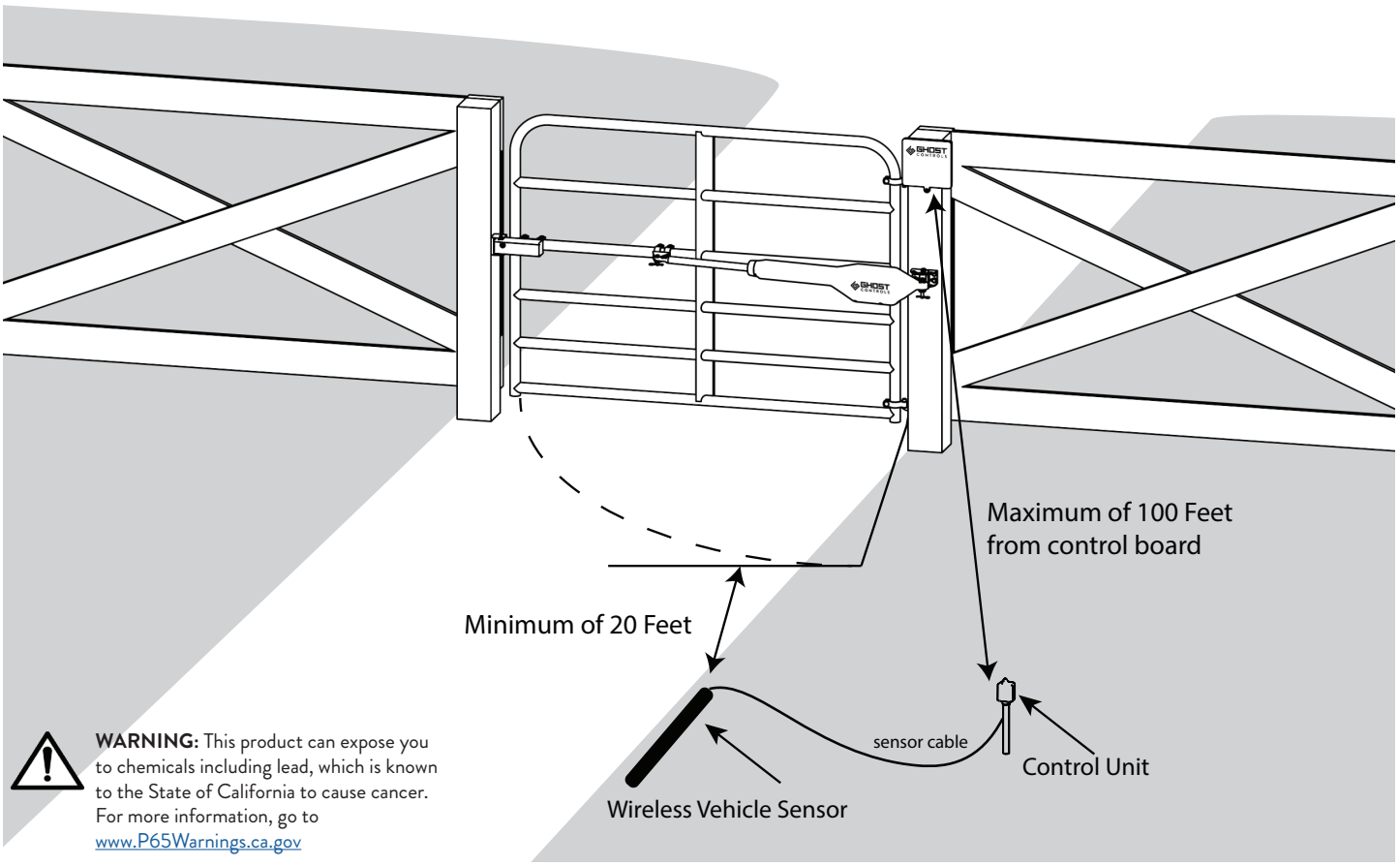


PREPARING FOR INSTALLATION:

- Must be located at least 20ft 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 ft of the Ghost Controls receiver/control box.

NOTE

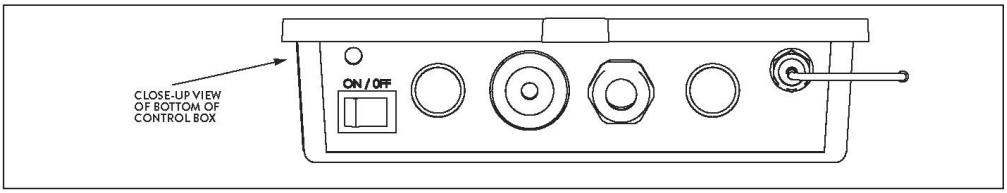
The actuator distance may vary depending on Radio Frequency interference at each installation site. Avoid installing the unit near power lines, transformers or running motors.



⚠ 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

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 it upward to access the Control Unit board and install the two (2) batteries. **Shown below in Example A.**

b. Insert/Install the batteries. **Shown below in Example B.**

Example A. Slide cover up.

Example B. Add (2) C Batteries.

Example B. All LED's will turn ON for 1 second when the unit powers up and then will go OFF.

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. **(shown below, Example A)**

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. **(shown below, Example A)**

NOTE

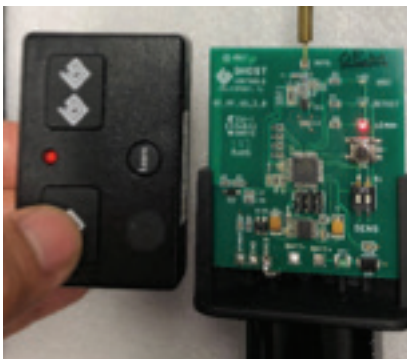
It will automatically exit "LEARNING MODE" after 60 seconds if no valid signal is detected.

c. Place the transmitter next to Control Unit Board. **(shown below, Example B)**

d. On the transmitter press and hold down the button that controls the gate. **(shown below, Example B)**

e. The RED "LEARN" LED on the Control Unit Board should go OFF indicating the signal is "LEARNED" and now can open your gate. **(shown below, Example C)**

Example A. Press button until RED LED light comes on



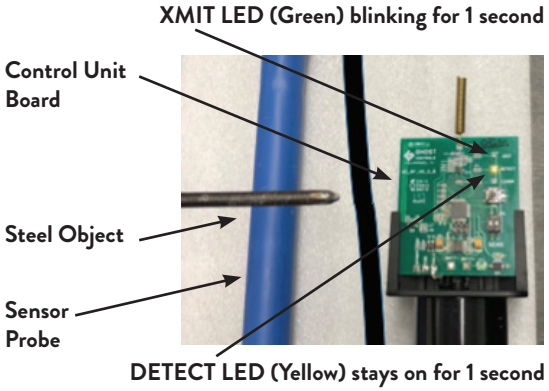
Example B. Place transmitter next to Control Unit Board. Press and hold the button that controls gate

Example C. RED LED light on control board should go OFF. Now you can OPEN your gate with vehicle sensor

TESTING THE CONTROL UNIT BOARD:

a. Move some type of steel object like a screw driver along the sensor (shown).

b. Observe that the yellow "DETECT" LED turns ON and the green "XMIT" LED is blinking for 1 second.



INSTALLING YOUR WIRELESS VEHICLE SENSOR PROBE AND CONTROL UNIT:

STEP 1: 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. Install two (2) C sized batteries into the head unit.

c. Measure and lay the sensor probe on the ground at least 20 ft from gate and prop up the Control Unit Board at least 6" above ground.

d. Make sure there are no vehicles or steel or metal near the sensor and turn the operator on.

e. Move a steel object over the sensor probe or press and release the push button on the Control Unit Board to send the "OPEN" signal to the gate.

f. The green "XMIT" LED will start blinking rapidly and the yellow "DETECT" LED will stay lit for 1 second to indicate that the "OPEN" signal is being sent.

g. The gate should be opening when it receives the signal from the wireless vehicle sensor.

h. Once the desired location is located, REMOVE THE BATTERY FROM THE CONTROL UNIT BEFORE PROCEEDING.

STEP 2. DIG A TRENCH FOR THE SENSOR PROBE AND WIRE:

a. Dig a trench approximately 12" deep to bury the Sensor Probe.

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

STEP 3. 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 Control Unit.

GATE SHOULD BE CLOSED. IF NOT CLOSE IT BEFORE CONTINUING.

STEP 4. 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. Slowly drive pass 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, fill in the trench and the hole.

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 solar panel within 30 days of purchase on www.ghostcontrols.com/register. See warranty terms on www.ghostcontrols.com/warranty.

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

GHOST® CONTROLS

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