

# LVGPS G5 LTE Installation Guide

Please ensure your device is activated prior to installation. To activate: <https://goo.gl/LE5y7i>

## Step 1: Wiring & Installation

<b>Red</b>	12 VDC Constant (8-40 VDC)
<b>Black</b>	Ground
<b>White</b>	Ignition
<b>Blue</b>	Output (default)/Input/Analog Input (+) trigger input
<b>Green</b>	Input (default)/1-wire Protocol (-) trigger input
<b>Yellow</b>	Output (default)/input (-) trigger input

Red wire should be connected to a constant 8-40 VDC power source.

The black ground wire, should be securely fastened to to a grounded screw or the chassis ground.

The white wire, should be if at all possible connected to the ignition wire. If connecting to an accessory source, ensure that power to this ignition wire is only available when the vehicle ignition is in the on position.

The blue wire is an output by default and produces a momentary signal for use with vehicle functions, such as unlock doors. The green wire is an input by default. The yellow wire is an output by default and produces a constant signal, ie. starter enable/disable.

A standard automotive relay is required to unlock doors, disable starter, etc. Please contact us if you have further questions on this functionality.

The blue, green, and yellow wires can be customized and configured differently. Please contact us if you desire to make these changes.

## Step 2: Status LED Lights

Important: Once installed, make sure the G5 device LEDs are SOLID - Green, Red and Blue.

LED lights are located on the top left side of the G5.

LED 1 (green) GPS	Status	LED 2 (red) POWER	Status	LED 3 (blue) GSM/CELL	Status
Off	GPS Off	Off	No Power	Off	GSM off
Solid	GPS Good	Solid	Device On	Solid	Connected
Blinking (.5s on .5s off)	GPS Search	Blink (every 8s)	Sleep Mode	Blink	SIM PIN Error
		Blink (every 1s)	GPS Module Off, External Power Lost, Using backup battery	Blink (.5s on/off)	GSM Search
				Blink .2s on/off)	GSM Registered

### Step 3: Proper Placement

Important: Ensure Logo side of the device faces the sky. Best location for device is under the dash, above the instrument cluster, with a full view of the sky through the front windshield.

Note: GPS signal penetrates glass, plastic, foam, fiberglass and wood. GPS signal will NOT penetrate metal.

Please contact us with any questions,  
M-F from 7 am to 5 pm PST

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