



## The LVGPS G5-V3 Install Guide

### Wiring and Installation:

- We recommend installation of your device by a professional installer.
- Please verify that your device is activated prior to installation. When activating a unit, refer to the device serial number on the underside of the tracking device.
- The G5-V3 requires a standard 3-wire installation to operate effectively. Please familiarize yourself with the following wire colors and functions.

**Note:** Do not cut the wiring harness to shorten the length of the cable as this will void the product warranty.

Blue wire	Input 4	(+) to engage
Brown wire	Output 1	CONSTANT ground signal
Black wire	Digital Ground	Digital input ground
Green wire	Input 3	(+) to engage
Yellow wire	Output 0	PULSE ground signal
*Orange wire	ACC/Ignition	Key (on)
*Black wire	Power Ground	Ground
*Red wire	Power	12 VDC constant
White wire	Input 1	(+) to engage $* > 6v < 30v *$
Black wire	Analog Ground	Analog input ground
Gray wire	Input 2	(+) to engage $* > 6v < 30v *$
Pink wire	N/A	

- The red wire should be directly wired to a constant 7V – 60V power source found at the key source or fuse panel.
- The black wires DGND, PGND, AGND should be securely fastened to a grounded screw or chassis ground.
- The orange wire is the ignition event wire that is installed directly to the ignition wire. Ensure that power to the ignition wire is available ONLY when

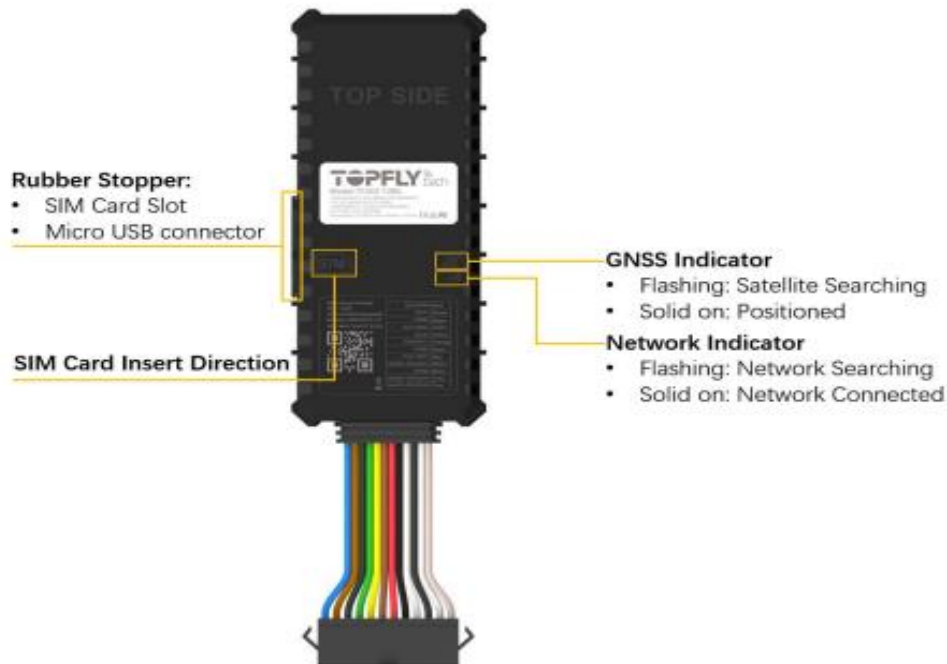


the vehicle ignition is turned on. All makes and models of vehicles are different – we recommend you make sure that you know your particular vehicles Constant and Ignition wires and their specific color(s) prior to installation.

- The **white**, **gray**, **green**, and **blue** wires are input wires. These can be used to monitor PTO activity (Power Take Off) such as emergency lights, flat-bed operation, buckets, etc.
- The **yellow** wire is a pulsed ground signal typically used for horn honk, door lock or unlock.
- The **brown** wire is a constant ground signal typically used to disable the starter.



### Status LED Lights

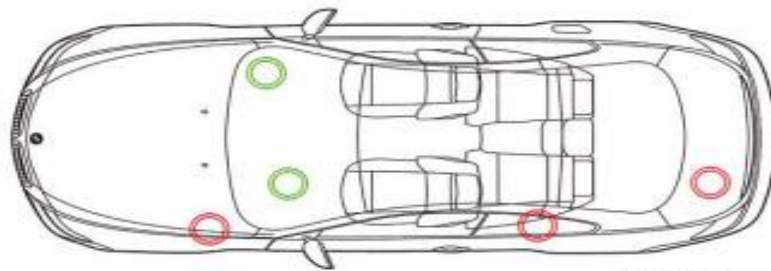
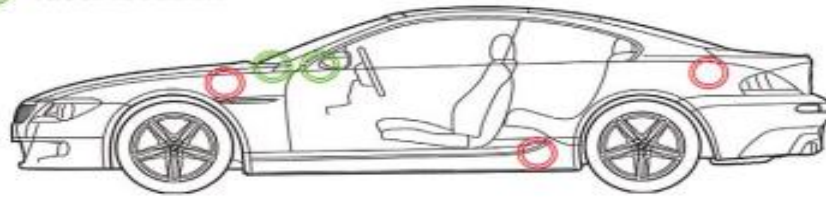
LED indicator and SIM card Slot





**Ideal placement of G5-V3 device.**

-  *Poor location*
-  *Ideal location*



**Image D**