

# QUICK INSTALLATION GUIDE



# VLS-300

## PREPARE FOR INSTALL

# 1

**PRODUCT AND PARTS:** Box includes; Main device, antenna, harness, tie wraps, connectors, owner's guide with device serial number.

**RESEARCH:** Obtain wiring diagram for MAKE/MODEL/YEAR of vehicle. Methods of gaining access to contant power may vary.

**REQUIRED TOOLS:** Screwdrivers, wire strippers and cutters, crimping tool and voltmeter.

## DECODE THE WIRING HARNESS

# 2

### RED

#### CONSTANT 12 VOLT POWER

Use the OBDII port connector located on the harness for instant access to vehicle power.



### BLACK

#### VEHICLE GROUND

Grounding to the vehicle is required. A good connection can typically be found on the vehicles's chassis.



### GREEN

#### STARTER DISABLE

Vehicle starter can be disabled from the website or by phone, (see section 6).



### BLUE

#### IGNITION SENSE

When this wire is connected, the device will report ignition on and off events.



### BROWN

#### DOOR UNLOCK

Provides a single negative pulse for the remote door unlock, (see section 6).



### WHITE

#### GENERAL PURPOSE INPUT

Reports high and low voltages. Some examples; PTO switches on tow trucks, panic buttons and toggle switches, (see section 6).



## PLACE THE ANTENNA

# 3

### PLACEMENT OF THE ANTENNA AFFECTS HOW WELL THE TRACKER OPERATES

It is **IMPORTANT** to find the right place for the antenna before securing an installation location for the tracker.

Antenna **MUST** be mounted with a clear view of the sky.

Preferred location for installation is inside the dashboard, not blocked by any metals, as close to the windshield as possible.



- Attach the dual GPS and cellular antenna to the tracker.
- Follow the color coding and match the connections: gold to gold & silver to silver.
- Tighten connectors by hand; do not over tighten, as damage can occur to the tracker.

## ACCESS VEHICLE POWER

There are 2 ways to access 12V vehicle power; 1) Use the OBD II Connector or 2) Hardwire the device using the RED and BLACK wires.

Use the OBD II Connector

- Simply look under the dashboard, remove cover if present, from the vehicle's OBD II port and plug in the connector.
- Connect the other end of the cable assembly to the tracker.



Hardwire to Constant 12 Volt Power

Connect the RED and BLACK wires on the attached wiring harness to continuous power and ground on the vehicle.

- Find the constant red power wire in the vehicle.
- Cut and strip the vehicle's red power wire.
- Strip the red wire on the tracker's harness.
- Use the barrel connectors provided to connect the tracker wire to the vehicle's power wire and crimp.
- Strip the black wire on the tracker's harness.
- Ground the black wire to the vehicle's chassis.



Check Power Connection

- Allow 5-10 minutes for tracker to power up and obtain Cellular and GPS fix.
- After connecting to power, use LED indicators on the back of the tracker to ensure good GPS and Cellular signals.



**RED**

Slowly Blinking.....Searching for Cellular network  
Solid.....Good connection with Cellular network



**ORANGE**

Slowly Blinking.....Searching for GPS Satellites  
Solid.....Good GPS signal established

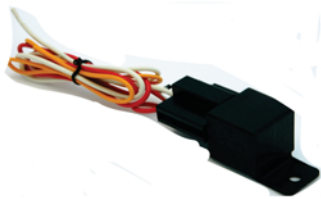
- Secure the tracker under the dashboard.

## CONNECT IGNITION SENSE *(Optional)*

- Consult the wiring diagrams for the vehicle and locate the vehicle's ignition wire.
- Use the connectors provided to connect the ignition sense wire to the ignition line.
- Verify the ignition wire by measuring the operating voltage while the key is turned to an ON or START position.

Ignition wire should read 0 VDC when key is in the OFF position, and typically between 11V and 14V when in the ON position.

Starter Disable/Door Unlock



Installation instructions can be found in the upgrade kits.

## UPGRADES

### STARTER DISABLE

Using the GREEN wire, the Vehicle starter can be disabled from the website or by phone.

### DOOR UNLOCK

The BROWN wire provides a single negative pulse for the remote door unlock.

### GENERAL PURPOSE INPUT

WHITE wire reports high and low voltages. Some examples; PTO switches on tow trucks, panic buttons and toggle switches.