



GPS Vehicle Tracking Unit

Installation Guide

Note to Installer - Please return these instructions to customer for future reference
Installation Support:
866-658-1191
support@streeteagle-gps.com

Precautions

12v DC Power only.

The Vehicle Tracking Unit (VTU) is designed for negative ground 12V DC systems only. Do not use the VTU with any other power systems.

Do not disassemble or modify the VTU.

This could cause electric shock, personal injury or fire. Do not connect power from a different system to the VTU. When in doubt of a safe installation, please contact your local installer.

Do not install VTU in locations that interfere with airbag operation.

This could cause a risk of accidents and injury.

Use only specified fuse.

When replacing the fuse, please ensure the amp rating is the same as the previous fuse.

Cautions

Do not let wires get punctured by screws or caught in moving parts.

Turn car ignition off before making connections.

Connect the Red and White power input leads after all other connections have been made.

Use a common ground point for all ground wires.

Tape and insulate any loose unconnected wires.

Note on power wire (Red)

When connecting VTU in combination with other electric devices, be sure the vehicles' circuit amp rating is higher than the sum of each component's fuse.

This installation guide provides detailed instructions for installing the StreetEagle Vehicle Tracking Unit (VTU). These instructions must be followed precisely to insure correct operation of the GPS Tracking unit and to ensure warranty coverage of the equipment. Please call StreetEagle Support at (866)658-1191 if you require assistance.

GPS Tracking Kit Equipment

- StreetEagle VTU
- Wiring harness
- Installation Instructions and Activation Guide

Required Tools and Supplies

- Crimpers and the appropriate connectors
- Fuse taps
- Drill with screwdriver and bit attachments
- Cable ties or self-adhesive tie mounts

Installation Procedures

- 1. Record the IMEI number** - This 15-digit number is located on the bottom of the tracking unit and also found on the activation guide. You will need this for testing.
- 2. Find a suitable location and mount the VTU** – The VTU should be mounted in the dash, unobstructed by metal and with a direct line of sight to the sky. **Please ensure that the VTU's GPS Side is facing the sky. This is marked by a sticker on the VTU, showing "GPS THIS SIDE UP".**

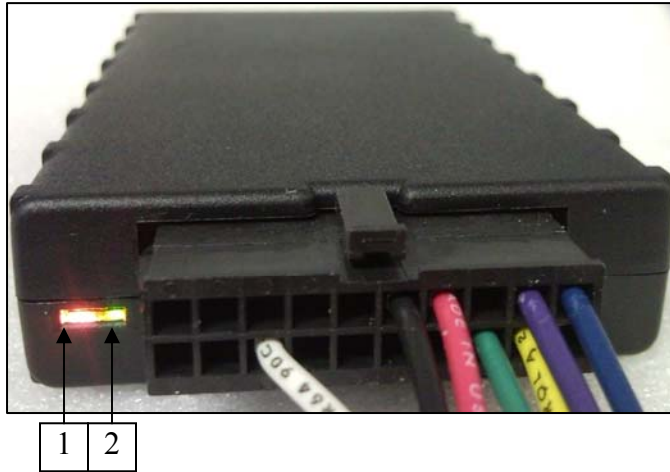
- 3. Connect the Wires to the Vehicle** - Use the wiring harness provided with the installation kit. **DO NOT PLUG THE POWER CABLE INTO THE VTU AT THIS TIME!!** Connect the wires according to the following table:

Black	Ground
White	Ignition (Accessory) → 12v is supplied only when ignition is on
Red	Battery → 12v is supplied constantly, regardless of ignition state
Green	Optional alarm monitor*
Yellow	Optional ignition disable*
Blue	Optional door unlock*
Purple	Optional Driver Security Alert*

* See Wiring Diagram for details

- 4. Optional Connections** - Connect GREEN input for notification of vehicle alarm activation. Connect BLUE output connection for remote door unlock. Connect the YELLOW output connection for starter disable. Connect the PURPLE input for Driver security alert. Note that the output signals are active ground and the input signals are active high (+12V). Relays may be required for correct operation. See Wiring Diagram for more details.
- 5. Connect the power cable to the VTU** - with the ignition off, attach the power cable to the VTU. The retaining clip will snap into place when the connector is properly seated.

6. Check Unit Operation



1-ORANGE - Turns solid once the unit acquires a cellular signal. If this light is continuously blinking check for proper installation of the VTU and be sure the data account is active.

2-GREEN - Turns solid once the unit acquires a GPS signal. If this light is continuously blinking verify proper VTU mounting and that the “GPS THIS SIDE UP” is facing the sky.

After all of the lights are solid turn the vehicle off, then turn it back on and verify the installation.

Note: When the VTU is installed, it can take up to 20 minutes for the GPS to acquire its position after initial power-up. Subsequent position acquisition will be less than 30 seconds of the vehicle start-up.

How To Verify Correct Installation

1. Log on to <http://install.insightmobiledata.com>. This website will allow you to test the installation of the Vehicle Tracking Unit.
2. Enter the 15-digit IMEI number from the Vehicle tracking unit in the space provided. The IMEI number can also be found on a sticker located on the first page of the customer Activation Guide.



- Once the IMEI number has been entered you will be brought to the vehicle status and testing screen.

The screenshot shows the 'StreetEagle GPS Systems' logo at the top left, with a 'LogOut' link at the top right. Below the logo is the text 'INSTALLATION UTILITY'. The main content area displays the following information:

- GPS EID/IMEI #010657001207708
- GSM SIM #89310380106032260350
- Current GPS Status : Started at 1/7/2010 15:42 GMT
- Location Address (Approximation): 2339 W Fairview Ave, Montgomery, AL 36108

A red notice reads: 'NOTICE: ENSURE THE VEHICLE HAS CLEAR VIEW OF SKY. FULL SKY VISIBILITY IS REQUIRED TO PROPERLY TEST THE GPS TRACKER UNIT.' Below the notice is a 'Refresh Status' button. At the bottom, there are four buttons: 'Ping', 'Unlock Door', 'Disable Ignition', and 'Enable Ignition'. The footer contains the website 'www.streeteagle-gps.com' and support information 'Support : (866)658-1191'.

The vehicle status screen will allow you to test proper installation and function of your Vehicle tracking unit through the following options.

Current GPS Status – The most recent report from the tracking unit

Location Address – shows an approximate address of the vehicle's current GPS location.

Refresh Status – Refresh the screen to show the most recent location report.

Ping – Requests for the tracking unit to send its current location and status.

Enable Ignition – Enables Starter if optional starter disable equipment is installed.

Disable Ignition- Disables Starter if optional starter disable equipment is installed.

Unlock Door – Unlocks door if optional door unlock circuit has been installed.

Troubleshooting

The StreetEagle GPS tracking unit has 2 LEDs on the front of the unit that indicates proper operation:

Orange - Blinks then turns solid when cell signal is acquired.

Green – Blinks then turns solid when GPS signal is acquired.

Both lights should be lit solid during proper operation when the vehicles ignition is on and vehicle is in an area with a clear view of the sky and good cellular coverage.

Problem – LED's not on.

Solution - The unit is not getting constant (battery) power.

Problem – Orange LED is blinking, no cell signal.

Solution - Check for proper installation of the unit.

Problem - Green LED is not on, no GPS signal.

Solution - Verify proper installation of unit; verify that the VTU has a clear view of the sky, with the proper side up facing the sky.