

# Installing your AT282-LP Tracking Unit

## 1 Getting Started

Asset tracking unit with internal GPS/cellular antenna and wiring harness.

If you prefer to have the GPS tracker installed professionally, contact your local mobile electronics dealer or your reseller for details.



### Tools required to perform the installation:

- ◆ Screwdrivers
- ◆ Wire strippers and cutters
- ◆ Crimping tool
- ◆ Voltmeter

Wiring Description	
<b>RED</b>	<b>+12 / +24 VDC Constant Power</b>
<b>BLACK</b>	<b>Chassis Ground</b>
<b>WHITE</b>	<b>Ignition Sense</b>
<b>GREEN</b>	<b>Not Used</b>

## 2 Locate a continuous power source on the vehicle

The tracker requires a constant +12 or +24 VDC power source to operate. The device will operate with only the power and ground connected, but the ignition sense wire can also be connected. If the ignition sense wire is connected, you will be able to get ignition ON and OFF events.

## 3 Connect the RED and BLACK wires

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

- ◆ The RED wire on the tracker wiring harness is connected to a continuous +12 / +24 VDC source
- ◆ The BLACK wire on the tracker wiring harness is connected to vehicle chassis GROUND

## 4 Install the ignition sense wire (optional)

Locate the vehicle's ignition wire by consulting the appropriate wiring diagrams and connect the ignition sense wire (WHITE) to the vehicle's ignition line.

The vehicle ignition wire can be verified by measuring for the vehicle's operating voltage while the key is turned to an 'ON' or 'START' position. The vehicle's ignition wire should read 0 VDC when the key is left in the 'OFF' position and typically between 11V and 14V when in the "ON" position (on a +12 VDC system).

## **5** Place Tracking Unit

Find a discreet location for the placement of the tracker. The tracker has an internal GPS antenna and optimum performance is achieved by orientating the device with the beveled side facing the sky. Steel, iron, copper, and metal oxide windshields all block GPS signals from reaching the tracker and cause the tracker to not function properly. The best place to install the tracker is outside the vehicle with a clear view of the sky. Plastics, wood, and regular glass do not interfere with GPS signals and the tracker will operate normally if it is covered by any of these materials.

## **6** Secure the tracker and the extra wiring to the vehicle

## **7** Verify the installation

Allow 10 minutes for the tracker to power up and obtain its first GPS fix. Login to your account and perform a locate request to verify installation.