

## Step 1: Getting Started

Asset tracking unit with external GPS/cellular antenna and wiring harness. Also includes; Zip ties, and Connectors.

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

Tools required to perform the installation:

- Screwdrivers
- Wire Strippers and Cutters
- Crimping Tool
- Voltmeter

### Wiring Description

<b>RED</b>	<b>+12 VDC Constant Power</b>
<b>BLACK</b>	<b>Chassis Ground</b>
<b>WHITE</b>	<b>Ignition Sense</b>
<b>PURPLE</b>	<b>Door Unlock Trigger (Neg. Pulse)</b>
<b>GREEN</b>	<b>Starter Disable Relay Trigger</b>
<b>YELLOW</b>	<b>PTO Input 1</b>
<b>BLUE</b>	<b>Input 2</b>

## Step 2: Locate a continuous power source on the vehicle

The tracker requires a constant +12 VDC power source to operate. The device will operate with only the power and ground connected, but the ignition sense wire and the optional starter disable relay can also be connected. If the ignition sense wire is connected with a 12 VDC system, you will be able to get tracking information for ignition ON and OFF events.

## Step 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 VDC source
- The BLACK wire on the tracker wiring harness is connected to vehicle chassis GROUND.

## Step 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 using the provided connectors.

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.

## Step 5: Place and secure the Tracking unit and extra wiring to the vehicle

Find a discreet location for the placement of the tracker.

## Step 6: Verify the installation

Allow 5-10 minutes for the tracker to power up and obtain its first GPS fix. There are 2 LEDs on the back of the unit, solid yellow (GPS) and solid amber (CDMA Network) indicate a normal operating device.

