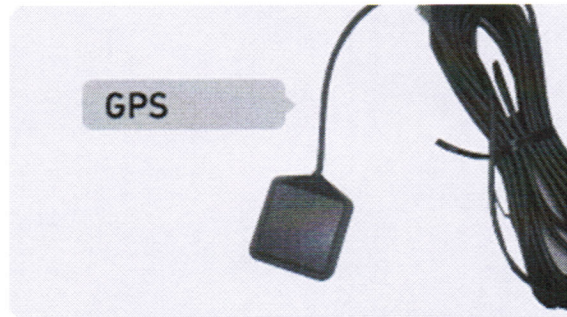


Installing your GpsNvision A1L intelligent Tracking Unit

Package includes GPS tracking unit with external GPS/cellular antenna and wiring harness. If you prefer to have the GPS tracker installed professionally, contact your local mobile electronics dealer for details.



Tools required to perform the installation:

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

The tracker requires a constant +12 VDC power source to operate. The device requires power, ignition and ground to be connected.

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
- The Brown goes to the vehicle ignition line.
- The Yellow cable is the cable for optional input uses, if not using, tape the end so it won't short with any other cable or metal.

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

The vehicle ignition wire can be verified by measuring for the vehicle's operating voltage while the vehicle is running. The vehicle's ignition wire should read 0 VDC when the key is left in the 'OFF' position or when the key is in the accessory position. When the vehicle is running, the

ignition wire is typically between 11V and 14V.

Wiring Description

RED +12 VDC Constant Power

BLACK Chassis Ground

Brown Ignition Sense

Using Your Digital Multi Meter

Technical Support hears more and more often about damaged computers and airbag systems as a result of probing with a test light. Not all air bag wires are in yellow tubing, and not all transistorized outputs can light a test light bulb without shorting out! The best solution, as it has always been, is a good digital multi meter.

How to Find (+) 12VDC Ignition with Your Multi Meter

1. Set your meter to DCV or DC voltage (12VDC or 20VDC is fine)
2. Attach the (-) probe of the meter to chassis ground.
3. Probe the wire you suspect of being the ignition wire. The steering column is an excellent place to find this wire. Your meter should read (+) 0V.
4. Turn the ignition key to the "ON" position. If your meter reads (+)12VDC, go to the next step. If it doesn't, probe another wire.
5. Now turn the key to the start position. The meter display should stay steady (+) 12V, not dropping by more than a few tenths of a volt. If it drops close to or all the way to zero, go back to step 3. If it stays steady at (+) 12VDC you have the ignition wire.

Find a discreet location for the placement of the tracker, typically under the vehicle dash. The antenna should be installed so that it has a clear view to the sky. Recommended placement is higher up under the dash. The Gps antenna will go thru plastic, but not metal, so keep that in mind when placing it under the dash.

Once the tracking unit has been placed in a discreet location, secure the tracking unit with zip ties. Allow 3-5 minutes for the tracker to power up and obtain its first GPS fix. There are 3 LEDs on the top of the unit.

Explanation of the LED's.

Cellular – solid, cell good; blinking, no cellular

Power – solid, good; off, no power

GPS – solid, good; off, no GPS

SIM: We will ship the sim installed in the unit.

Safety Statement

This guide covers the installation of the GpsNvision device to ensure a safe and functional install of the unit by either a professional or novice installer.

- **Before attempting to add anything electrical to your vehicle, Always disconnect the**

- vehicle battery while installing this or any other automotive electronic product.**
- **Make sure the unit and all associated cables are securely mounted and do not impede any of the vehicle's controls. Do not mount the unit near brake and gas pedals.**
 - Use care when routing the unit's cables. Route the cables where they will be protected. Use commonly accepted install practices for after-market automotive electronic devices. Here are three acceptable methods of making a wire connection:
 - Soldering your connections (recommended)
 - Crimp connectors (with the use of the proper crimping tool)
 - Posi-Tap™ Connectors (no tools required)
 - Regardless of the method you choose, ensure that the connection is mechanically sound and properly insulated. Use high quality electrical tape and shrink tubing where necessary.

This product is connected directly to the vehicle's 12-volt system. There is no on-off switch on the unit. The installed device operates 24 hours a day and must be energized to log vehicle events or send data as required by anyone using the service.