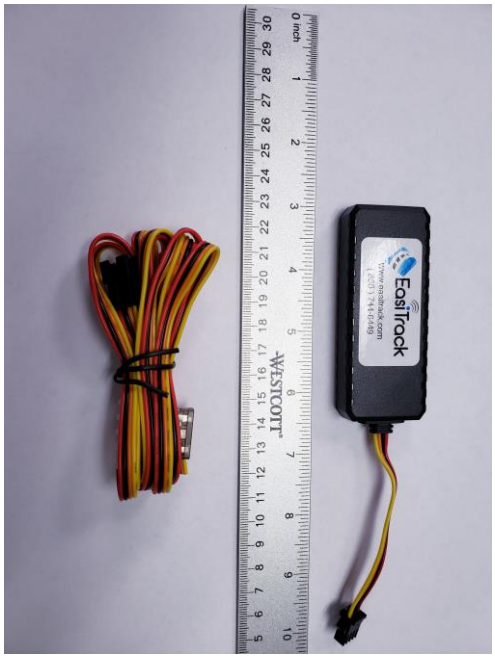
Installation of GPS Tracking TF_Wired Device with Internal Antenna

Overview

This installation guide is our most popular as most of our GPS devices have internal antennas. This document serves as a walkthrough on how to successfully install and troubleshoot GPS devices that have an internal antenna.

Power Harness

Our power harness is sufficient for basic 3 wire installation.



Red Wire ➔ Constant 12 Volt Power Source

Black Wire ➔ Ground

Orange Wire ➔ Vehicle Ignition

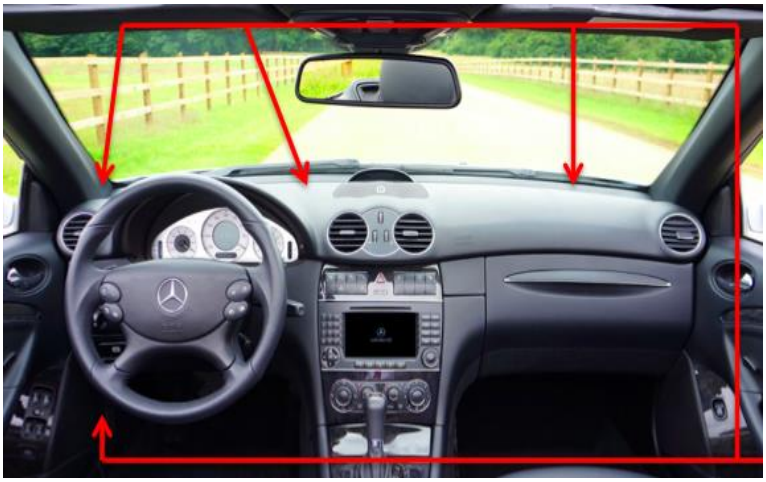
NOTE: It is imperative that device(s) are connected to a reliable constant power source. Device(s) not connected properly will under-perform.

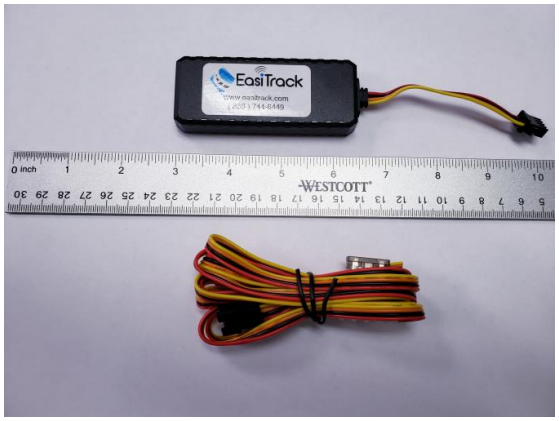
The unit should be secured in position to the vehicle, with the "Top Side" mark facing the sky and prevented from sliding, moving or hanging free when the vehicle is in motion. You may use a double-sided tape or plastic straps to secure the unit.

Installation Steps:

Step 1) Locate the spot where the GPS device will be mounted. The typical location of the unit is under or on top of the dashboard of the vehicle. This device is equipped with a very sensitive GPS receiver and cellular antenna inside the unit. The device should be secured in a location where the top has line of sight to the sky with no metallic obstruction. Most vehicle interiors today consist of fiberglass, plastics and other nonmetallic materials making device placement quite easy under the dash. In many cases the device will operate well if mounted vertically or at other angles. **The unit should be secured and prevented from sliding or hanging free when the vehicle is in motion**. The unit should be mounted in the interior of the vehicle and not on the exterior or within the engine compartment.

*This device is NOT 100% weather resistant or waterproof. Installation in a place other than recommended will void the warranty.





Step 2) Locate the constant 12 Volt Power Source, ignition and ground connections. Our GPS is shipped with a power harness, which has a 2 amp fuse attached. Possible sources for power harness installation are the main fuse block panel or the point where the vehicle charging circuit are connected to the 12 volt system.

Step 3) Connect the ground wire (black) to ground, the red wire to a constant 12v + power source and the ignition line (orange) to an ignition source or to constant power. The device will power on once power (+12VDC) is connected to both the red and orange wires and the black wire has ground.

*Always use care when routing the power harness and fuse to prevent possible pinch points or excessive heat.
*Plug the connector into the GPS. The GPS is connected directly to the vehicle's 12 volt system. There is no on or off switch on the unit.

Step 4) Secure the device in position. If your vehicle is not reporting once GPS is connected, drive the vehicle for at least 5 miles. Our GPS units need to have a fix of at least 4 satellites upon initial activation.

Step 5) Login with your username and password at http://www.easitrack.net. Your vehicle should be live and reporting on the map. Your installation is now complete.

Note: If the vehicle ignition cannot be located or used, you may connect the orange wire and red wire together to a constant power source. The unit will then interpret the ignition of the vehicle based upon the voltage change when the engine is running versus not running. If you do choose to connect this way, you must contact Easitrack Technical Support, and let a Technical Support Team Member know the GPS Unit ID Number that is connected this way. A GPS parameter will need changed, which can be done remotely.