
VEITRAK INSTALLED TRACKING MODULE

USER MANUAL



NEOTECH 
The New Way

CONTROLS AND INDICATORS



IMPORTANT NOTES

- Professional installation is highly recommended. Overall proper installation is paramount for optimal performance of this device.
- Please read the following installation instructions before you begin.
- Engine must be turned off and cool before installing the device.
- Do not place wires where they may overheat or cause them to be cut.
- To obtain a good GPS lock, a clear view of the sky is required.
- The device is equipped with a 3 amp fuse attached to the power cable. This fuse must be installed as close as possible to the primary 12/24 volt source connection. The fuse protects the device should there be any electrical short.

WARNING!

The VeiTrak unit can only be installed in a position where it does not interfere with the normal operation of the vehicle or present a hazard to the driver or passengers.

RECOMMENDED INSTALLATION SEQUENCE

The following installation sequence is recommended. Please refer to the instructions elsewhere in the manual for further details.

- STEP 1: Plan the whole installation and determine suitable locations, mounting arrangements and cable routes for all hardware items.
- STEP 2: Connect – activate the device on the NeoTrak platform.
- STEP 3: Temporarily mount the unit and temporarily connect all wiring for the device. – while still able to see the indicator lights.
- STEP 4: Perform an initial system test to evaluate if all hardware features are working using the NeoTrak Platform.
- STEP 5: Permanently mount the unit.

Installation is complete and successful only when you have tested the device.

STEP 1: PLAN

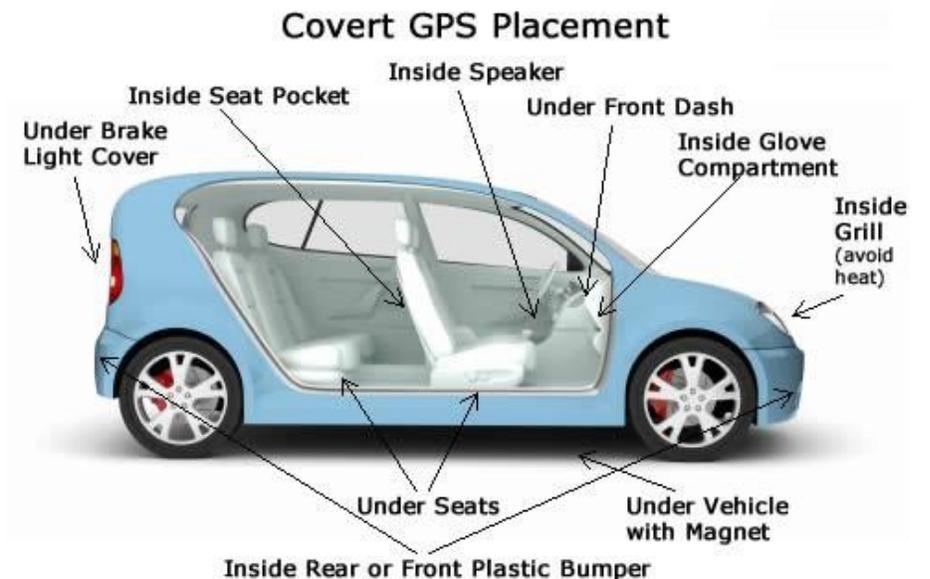
Plan your complete installation first to avoid re-wiring later. Follow below unit placement guidelines.

- The unit should not be exposed to direct sunlight or to high temperatures.
- Choose a location where the 12/24 volt power can be easily accessed.
- Choose best location within the vehicle, in a way that is easily accessible for any future service or check of status.
- Do not place in na obvious, clearly visible location, such as under the steering wheel or in the glove compartment.
- Ensure that the vehicle mounting surface is clean and dry.
- It is important that the unit be fixed firmly.

STEP I: PLAN

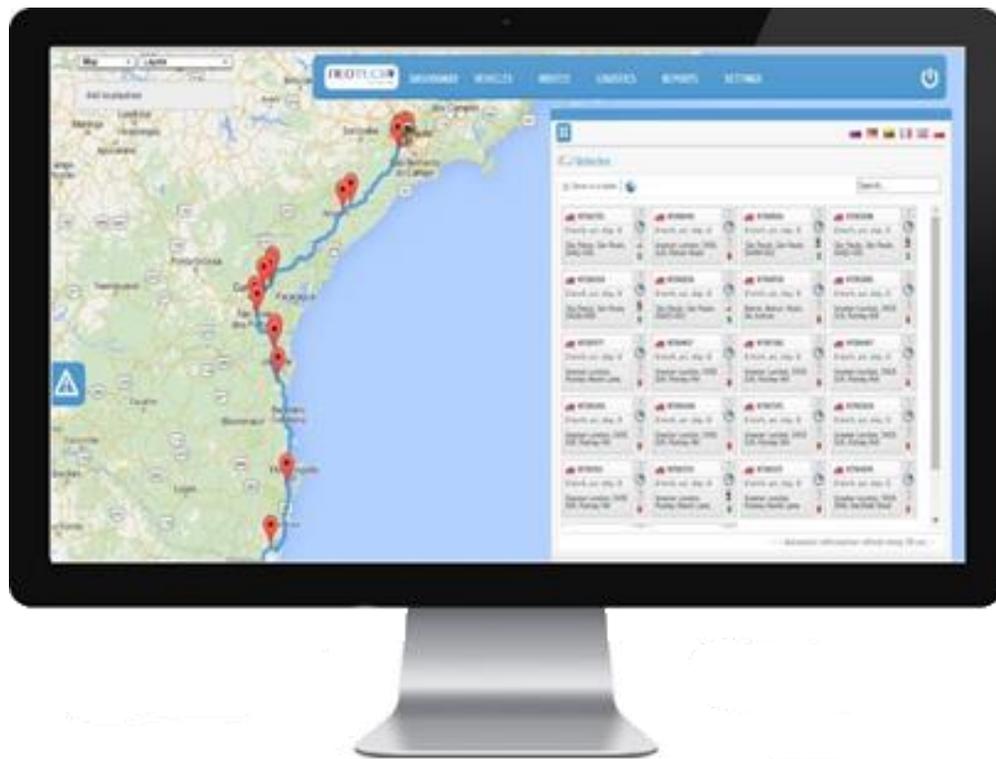
Install in a secure location – see figure below. Secure any excess wire with tie wraps to prevent cable assemblies from damage or detachment. The required orientation of the device is a horizontal mount with the PIN icon and embossed X upwards. Attach the device to a solid body of the vehicle and not to plastic panels.

Note that metal and metal-oxide windscreens (lead-based window tint) block GPS signals. Install device above or away from these materials so internal antenna can receive and transmit. Plastic, wood and regular glass do not interfere with GPS signals.



STEP 2: CONNECT AND ACTIVATE

Activate the device on the NeoTrak Platform. Using the serial number on the back of the VeiTrak unit. See figure below. Consult the NeoTrak User Manual.



STEP 3: TEMPORARILY MOUNT

Connect the device to the 12/24 volt power. The device must be wired to a continuous source of power that is not controlled by the ignition key. This ensures that the internal back up battery is fully charged at all times. The easiest method to hardwire the device is as follows:

- Locate a fused, constant 12/24 volt power source and a suitable chassis ground. Connect the RED wire on harness to the power source
- Connect the Black wire on harness to chassis ground

The device consumes approximately 60mAh of current at 12VDC while active and 0.2mAh while on standby. This is a small current draw and is not sufficient to drain the vehicle's battery providing that it is driven regularly. In the first initial stage of battery charging, the device may heat up. This is normal and it will cool down when the battery is fully charged.

It is important that the battery remain fully charged so that if the vehicle is stolen, the standby battery will continue providing location information for at least four hours.

STEP 4: INITIAL SYSTEM TEST

Perform an initial system test to evaluate the operational condition of the device.

- Slide the power switch to the “ ON” position – GPS and GSM status lights blink Green as the device goes through the network registration process. Once completed, the GSM status light will turn steady Green, indicating successful network registration. Once the GPS lock is established, the GPS status light will also turn solid Green.
- Shake the device 40 seconds to simulate motion
- Log onto the NeoTrak platform and verify the location is being shown.

If the GSM status light down not turn green within 3 minutes, turn the device off and on again. If the GPS light does not turn a solid green after 5 – 7 minutes, try to find a better suitable location with clear sky view.

STEP 5: PERMANENTLY MOUNT

After checking that all the functions are working properly, you can now permanently mount the device. Pick a location according to the guidelines and make sure that it is firmly attached to prevent rattling after installation.

USING VEITRAK

In order to preserve battery life, VeiTrak uses motion-activated tracking intervals. It reports location every 60 seconds when device is in motion.

When VeiTrak is stationary for more than 2 minutes, the device will go to sleep until it is moved again.

Additionally, location is reported upon activating the “Help” alert.

VeiTrak uses GPS and GSM technology to determine its location. If the device is indoors or if the GPS signal is not Strong enough, the GPS location data may not be received. In that case, the device location will be determined by GSM triangulation, which will give an approximate position as opposed to that given by GPS.

Please check the NeoTrak Manual for additional information regarding the use of the devices and the management system.

ASSISTANCE

Should you be having problems with the device, you can contact customer support at:

support@neotrak.net

Or, alternatively, by Skype at “neotrak_help”

Should it be necessary, you may also contact the local representative by phone: x,x,x,x,x,x,x,x,x,