



NMS811 Installation Steps

Connecting Power and Ground:

To begin installation, place the vehicle tracking device under the dashboard. To prevent the unit from moving or falling it is recommended to use a zip-tie to secure the device. When wiring your Nova harness there are a few things you will need to know. The three wires to make the harness work are the Red (Constant Power Source), White (Ignition Source), Black (Ground) and an optional Green (Output).

Power (Red Wire)

The red wire must be connected to a constant power source. Proper wiring will ensure you receive accurate reporting's within Nova Assure. Incorrect wiring of the redwire can cause the unit to show incorrect powerup events. Good sources are (Battery, Alarm System, and Clock).

Ignition (White Wire)

A switched power source is only on when the ignition is keyed — connect your white harness cable to a switched power source, so that the device performs the Ignition Off when you turn off the car, and Ignition On when the vehicle is powered on. Good sources are (Ignition Switch in fuse box, fuel pump).

Ground (Black Wire)

When wiring the black (Ground) wire from the harness, look for a bolt, screw, or wire that contacts the bare metal of your vehicle's chassis. If your ground wire doesn't contact bare metal, your device won't operate. A loose or weak ground connection can result in inconsistent readings from your device. **An additional option would be to purchase a specific fuse which is available at most auto stores and allow you to connect the ignition wire directly to the fuse box.**

Using the OBD II adapter:

Connect the 4-pin power harness connector of the OBD II cable directly to the GPS device. Remove the screws securing the vehicle's original OBD port connector (female). Plug the male end of the OBD adapter into the vehicle's original OBD port. (Note): You can secure the connection by using a zip tie to create a bond between the two ports. Next, install the female end of the OBD port adapter in the same spot where the original OBD was located by using the plastic clip. Note: If the manufacturer's OBD clip works use that to secure the female OBD adapter port. Secure the GPS device under the dash of the vehicle with the sticker facing down. Perform a test locate on the unit to complete the install.

LED Status		
Color	Function	Behavior
Amber	Network	Blinking = Searching
		Solid = Cell Signal OK
Green	GPS Indicator	Blinking = Searching
		Solid = GPS Signal OK

4: Green (OutPut1) (Reserved)
3: White (ACC / ALM/H Input)
2: Red (+12V)
1: Black (GND)



Figure 1 - Vehicle OBDII Connector

Pin		Function
5	Ground	
16	Power	

