

CUBE Installation Guide

Getting started

The CUBE model is a completely self-contained device, requiring only a constant power and ground to operate. Within the case are two antennas for both GPS data and GSM/GPRS communication. This device is easily installed in a concealed location under the dash.

Installation

The CUBE requires constant power to operate properly. The red wire will need to be connected to a **constant 12v+ source**. This can be easily located under the dash; fuse panels are good places to start, as well as the thicker gauge wires. The white wire will be connected to **an Ignition Only 12v+ source**. The black wire will need to be connected to a solid ground. Always use a bolt directly connected to the chassis to ensure a good ground. Using smaller bolts connected to secondary frames will result in occasional power loss.

Remember to always test the **red** wire in all key positions to ensure the voltage **never** drops during normal operation.

Mounting

When mounting the CUBE, the label side needs to face down, and there should be no metal above the device. The device's internal antennas will be able to get signal through plastic, glass, and the dash, but metal objects can interfere.

Powering up

Once the wires are attached and the device is mounted, plug the harness into the device to power it up.

Once powered up, the LED indicators will show a fast flashing green indicating good GPS signal and a slow flashing blue for good cellular coverage. If the green light remains solid, you are not getting a GPS signal. It may take 5 minutes to get a GPS lock, but if you are unable to after waiting a minute or two, reposition and try again.

LED Troubleshooting

Green

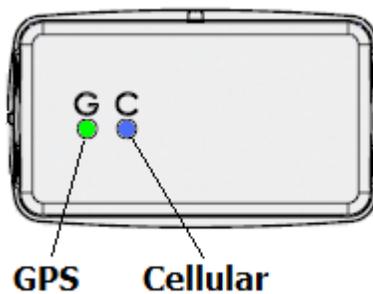
Solid – No GPS

Flashing Green – Good GPS

Blue

1 On, 3 Off – Good Cellular Coverage

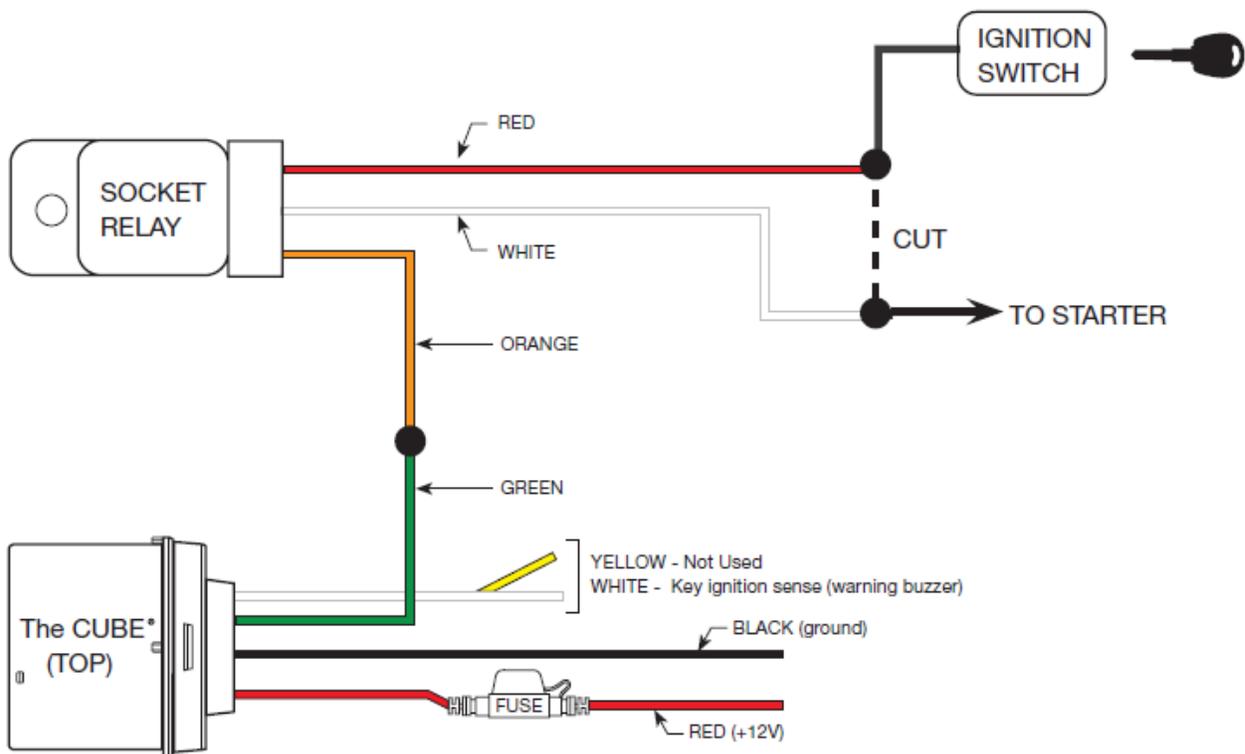
1 On, 1 Off – No Cellular Coverage



Standard Starter Disable Installation

Wiring

The starter disable relay is put into the +12V starter wire. You will have to cut this wire and connect the red wire from the relay to the +12V supply into the relay. The white wire from the relay connects to the cut wire going to starter. The orange wire from the relay will connect to the green wire from the device harness.



Starter Disable with ECM Installation

Background

The starter disable with ECM installation needs to be performed whenever any sort of control or security module is installed between the key (ignition) and the starter. In these cases, the standard starter disable installation does not apply. The starter wire goes into an onboard computer, generally carrying a low voltage into it instead of the standard 12 volts.



YOU WILL NEED TO HAVE A VOLTAGE METER, NOT A TEST LIGHT. IF YOU TAP A WIRE WITH A LOW VOLTAGE (3-5 VOLTS) YOU MAY LOCK DOWN THE VEHICLE!

Follow the low voltage wire from the ignition key to the ECM. Use your voltage meter to ensure that it is a 12 volt supply coming out. Once you've located the proper 12 volt wire after the ECM, proceed with the regular starter interrupt instructions (given above) using this wire.