EZ-700 Installation Guide

The installation of the EZ-700 can have a major impact on the device performance. Care should be given to physical placement of the device as well as the connections made during installation.

Plan the installation:

Locate and verify a constant (un-switched) +12 VDC or +24 VDC power supply, the chassis ground, and the vehicle ignition line or other key operated line.

Place the EZ-700 in the vehicle:

The EZ-700 features dual internal cellular and GPS antenna. The device needs to be placed inside the vehicle with the **label facing away from the sky**. Ideal device location is to mount the unit horizontally, high under the dashboard, close to the front windshield. Ensure that the device is kept free from direct exposure to the elements.

Connect POWER, GROUND, and IGNITION:

The power input (red wire) must be connected to a constant (un-switched) +12 VDC or +24 VDC supply; preferably, connected directly to the vehicle battery terminal or as close to it as possible.

The ignition input (white* wire) must be connected to the vehicle ignition or another appropriate key operated line, such as ACCESSORY, ensuring that power to the ignition wire is available only when the vehicle ignition is on.

The ground line (black wire) must be connected to chassis ground.

Please verify that your power, ground and ignition wires are connected correctly, then plug the harness connector into the EZ-700.

Verify:

Successful device operation can be verified by observing the LED indicators near the harness connector.

A solid GREEN LED indicates that the device has a GPS lock.

Blinking 1Hz = Searching Solid = GPS Signal is OK

A solid AMBER LED indicates that the device is connected to the cellular network.

Blinking 1Hz = Searching Solid = Cellular signal is OK

NOTE:
If the AMBER LED does not turn solid after 2 or 3 minutes, cycle power to the device and take the vehicle for a drive. Verify LEDs after the drive.

When the device enters sleep state, both GREEN and AMBER LEDs will blink slowly (once every 5 seconds).

Harness Diagram

SIGNAL	DESCRIPTION	WIRE COLOR
VCC	Primary Power Input	RED
GND	Ground	BLACK
IN-0	Ignition Biased low	WHITE
OUT-0	Output 0 (Optional - Starter Disable)	GREEN