



The installation of the EZ-200 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-200 in the vehicle:

The EZ-200 features an 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-200.

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 = Searching Solid = GPS Signal is OK

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

Fast Blinking = 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.



Harness Diagram

SIGNAL	DESCRIPTION	WIRE COLOR
VCC	Primary Power Input	RED
GND	Ground	BLACK
IN-0	Ignition Biased low	WHITE*
IN-1	Input 1 Biased high	YELLOW
IN-2	Input 2 Biased high	BROWN
OUT-0	Output 0 (Optional - Starter Disable)	GREEN
OUT-1	Output 1 (Optional – eg. Buzzer)	BLUE

Input Bias:

Inputs are biased either high or low. This describes the resting state of the input. The EZ200 inputs are both biased high.

A biased HIGH input will require a voltage transition to ground to trigger an input event.

A biased LOW input will require a voltage transition to at least +4 VDC to trigger an input event.

The 20-Pin Adapter harness

The 20-Pin Adapter Harness makes it easy to utilize existing 20-pin CalAmp device harnesses for power, ground, and ignition in the vehicle (if previously installed).

Disconnect the existing 20 Pin CalAmp device from its harness.

The adapter harness plugs straight into the 20-pin connector on the existing harness that is installed in the vehicle. Plug the 2-pin power and 5-pin I/O connectors into the new device and verify device operation as indicated in the installation guide.

Insure that the new device is securely installed in the vehicle with the label facing the ground.

*Some devices may have an orange ignition wire instead of white