

# Hardware

## Go RUGGED Installation

For the most up-to-date version of this document, please visit: [goo.gl/fLCGgd](https://goo.gl/fLCGgd).

The ruggedized telematics device is designed to withstand exposure to weather elements and environmental particulates. It can be installed outside of a vehicle's cabin. Harnesses are available for specialty installations or for keeping the diagnostic port exposed if desired. 

Read important related safety information and limitations of use following these installation instructions. Read and follow all instructions and warnings to prevent serious injury and/or vehicle damage.

**Professional Installation Required** — Installation of the rugged telematics device requires the installer to have sufficient technical knowledge and expertise for mobile device installation and integration into modern vehicles, i.e. Authorized Installer certification or equivalent.

### Installing Your Telematics Device

#### Preparing For Installation

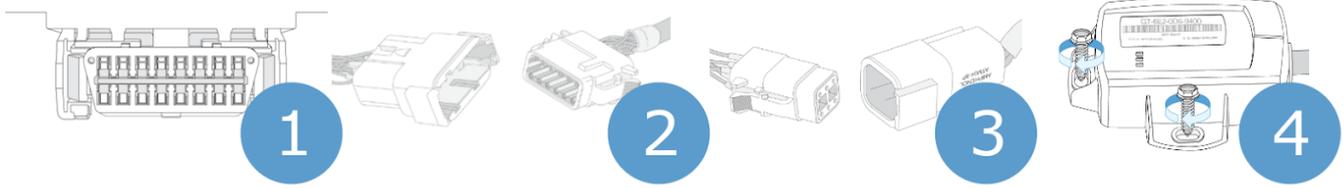
Before installing your device, please document your device serial number. You will need this information at a later time to verify your installation.

1. Verify that we support your vehicle by carefully reading the device release notes at [goo.gl/fZURff](https://goo.gl/fZURff) or from the vehicle specific installation notes at [goo.gl/MCIXt0](https://goo.gl/MCIXt0). If you have any questions or concerns, please consult your Authorized Reseller.
2. Ensure no dash warning lights are on in the vehicle while it is running, and that all other functions, such as headlamps and flashers, are working prior to installing the device.

**WARNING!** Do not attempt to install, re-configure, or remove any product from a vehicle while the vehicle is in motion or otherwise in operation. All installation, configuration or removal must be done only in stationary vehicles that are securely parked. Attempting to service devices while the vehicle is in motion could result in malfunctions or accidents, leading to death or serious personal injury.

#### Installation in Four Steps

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1. Locate the vehicle's engine diagnostic port typically found in the driver's area at or below knee level.

Align the OBD connector on the HRN-RS12S2 (sold separately) with the vehicle diagnostic port and push in place.

Note: Heavy-duty vehicles use a different connector system. Contact your Authorized Reseller for heavy-duty connector applications or for extension harnesses should it be necessary to place your device away from the engine diagnostic port.

2. Connect the 12-pin male connector on the device to the 12-pin female connector on the HRN-RS12S2 as shown and click into place. Ensure that all connections are secure. All three lights on the device will flash briefly.
3. If you are also installing an IOX, connect the 6-pin female connector on the device to the 6-pin male connector on the HRN-RX06S4 and click into place.

Connect the female mini-USB connector on the other side of the HRN-RX06S4 to the male mini-USB connector on your IOX. Ensure that the two USB connectors are secured with a zip tie.

With the vehicle parked outdoors to locate satellites and vent exhaust fumes, start the vehicle and allow it to run for approximately 3 minutes.

4. During this time period you will notice the Red LED will power on and light up on the face of the device. Shortly afterwards the Green and Blue LEDs will light up when the device connects to the cellular and GPS networks. This initial startup may take several minutes to complete.

Once all three LEDs have lit up, select a location to attach your device. Drill 5/32 inch pilot holes first then secure the device into place using the supplied Hex Washer-head screws. Ensure that you install your device in a location where the wires will not interfere with the safe operation of the vehicle.

The 6-pin weatherproof female connector of the telematics device comes covered with a sealing cap for waterproofing and dustproofing. Remove the cap only if you plan on using an IOX (requires HRN-RX06S4 adapter cable). Otherwise, keep the cap in place with the arrow facing towards the lock clip located at the top of the 6-pin

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female connector as shown. Attaching the sealing cap in any other orientation will not guarantee a waterproof and dustproof seal.

**WARNING!** All in-vehicle devices and related cabling must be securely fastened and kept clear of all vehicle controls, including gas, brake and clutch pedals. This requires the use of a cable tie when securing the device or any extension harness to the OBD connector, securing both sides of the harness. If you do not use a cable tie, vibration in the vehicle can lead to a loose connection which could indirectly cause the vehicle's engine computer to fail, loss of vehicle control and cause serious injury. Inspect devices and cabling regularly to ensure all devices and cabling continue to be securely attached.

**WARNING!** If at any point after an in-vehicle device is installed a warning lights up on the vehicle dash or the vehicle stalls or has a marked drop in performance, shut off the engine, remove the device, and contact your reseller. Continuing to operate a vehicle with these symptoms can cause loss of vehicle control and serious injury.

## **Verify Your Installation**

To check the status of the device you have installed, navigate to [installmygps.com](https://installmygps.com). On the web page, fill in your name, the company, and the device serial number, which was recorded earlier. Once complete, click Log Install.

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