

GO Focus Safety Sensor — Installation and Support Document



GO Focus device

Geotab's GO Focus device is an AI-powered, privacy-focused safety sensor meant to augment the data provided by the GO9 device* and bring in contextual information on what is happening outside of the driver's seat.

*Only works with GO9 or newer devices (GO9, GO9B, GO9 Plus).

Safety Sensor

The GO Focus will actively monitor the following distance. Connecting to the GO device as an IOX, it is able to provide additional information into Geotab's safety solutions. With its on-board LTE connection, it can upload video during critical events to assist in driver exoneration.

Top features

- Continuous measurement of following distance
- Lane departure warning*
- Forward collision warning*
- LTE connectivity for video upload
- IOX connectivity for enhancing GO device safety data

*Coming later in 2025

Technical specifications and features

Interfaces	IOX <ul style="list-style-type: none"> Data Transfer & 12V/24V Power
Cellular	Availability varying on certification - full list of supported countries here . <ul style="list-style-type: none"> GS1-LTE1 (AT&T, Telus) LTE (CAT-1): Bands 2/4/5/12/13/25/26
Environmental	Operating Temperature -30 to +60 °C ISO 16750-4/2023 Temperature <ul style="list-style-type: none"> Thermal Shock Temperature Cycle SAE J1455 Humidity Mechanical Vibration Mechanical Shock Operational Shock Transit drop Handling Drop General Heavy-Duty Truck Electrical Environment <ul style="list-style-type: none"> Steady State Electrical Characteristics
Mechanical	Weight: 250 grams Dimensions: 1300 mm L × 354 mm W × 669 mm H Housing: Polycarbonate
Electrical	Voltage 12 V and 24 V systems supported Current 780 mA at 12 V Operating mode (typical/nominal current draw) 1300 mA at 12 V Operating mode (max. current draw)

	10 mA at 12 V Sleep mode (max. current draw)
	* NOTE: Maximum current draw values are reached during transmission in regions with fair to excellent cellular coverage. Maximum current draw at 24 V will be less than at 12 V.
Compliance	FCC, IC, ISED, PTCRB
	Carriers: AT&T, Telus

Preparing for installation

Prior to installation, please ensure the correct Geotab hardware has been provided (safety sensor, bracket and locking tool) in addition to ensuring that the installer has alcohol wipes on hand.

Installation instructions



WARNING! Always read and follow all safety information, including Important [Safety Information and Limitations of Use](#), before harness and/or IOX installation. Disconnect the GO device from the vehicle before installation and reconnect it after installation (see [link](#)). Failure to follow these instructions and warnings can result in loss of vehicle control and serious injury or vehicle damage.

! IMPORTANT: Professional installation (Certified Geotab® Installer or equivalent) is required for the safe and proper installation of this product (harness and/or IOX). The installer must have sufficient technical knowledge and expertise for the respective installation.

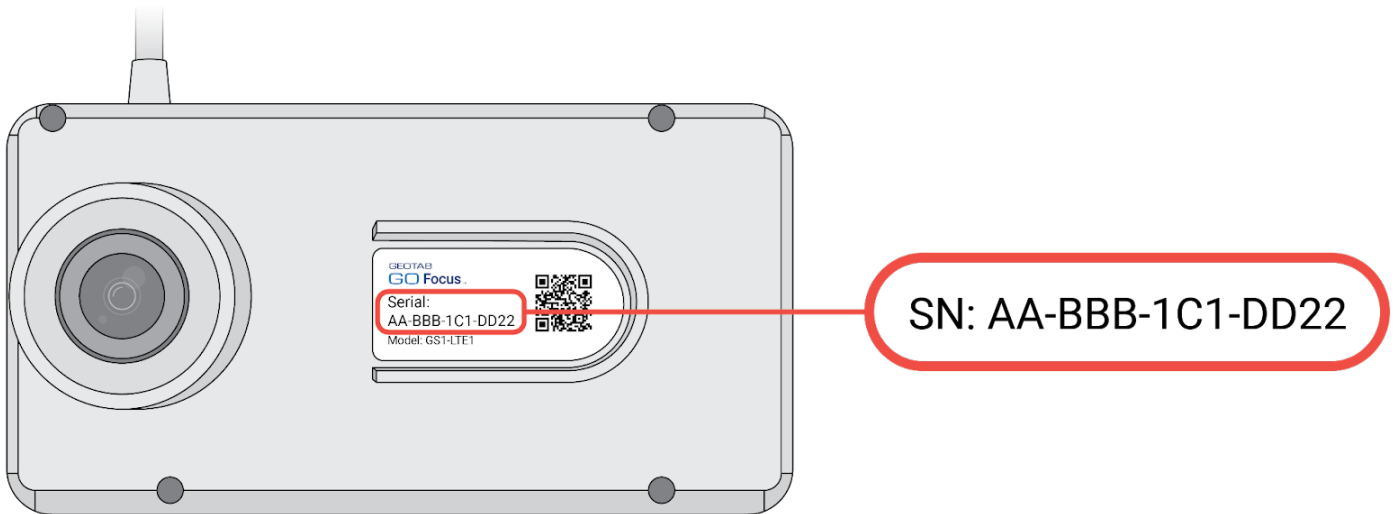
WARNING! All in-vehicle devices and related cabling must be securely fastened and kept clear of all vehicle controls, including gas, brake and clutch pedals. This requires the use of a cable tie when securing the device or any extension harness to the OBD connector, securing both sides of the harness. 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 cables remain securely attached.

WARNING! Ensure the GO Focus is installed securely and the installation location does not affect the driver's visibility to see the road, mirrors, or vehicle controls. Failure to do so may interfere with vehicle operation resulting in property damage, collisions leading to death or serious personal injury.

! IMPORTANT: The GO device must be disconnected from the vehicle prior to installation

Installing the GO Focus

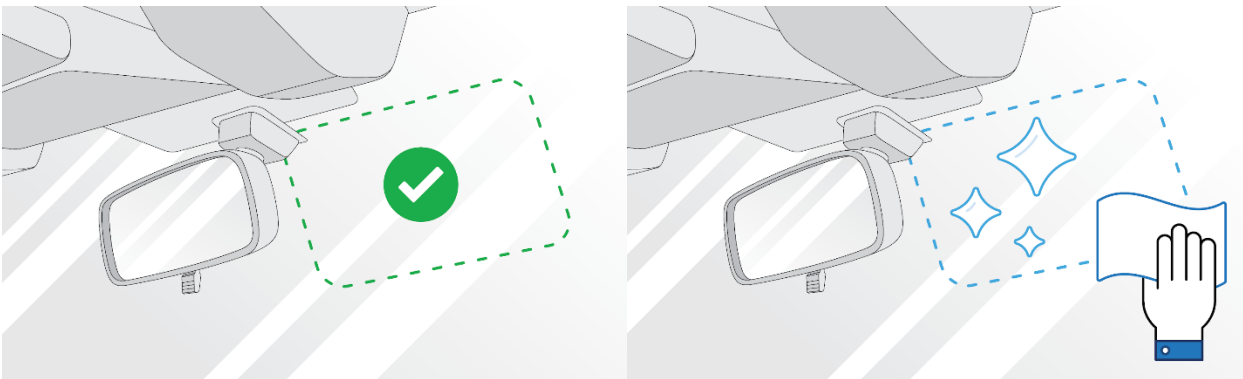
Make note of the GO Focus serial number (SN: #####) for later.



Clean and dry a suitable windshield area for the GO Focus.

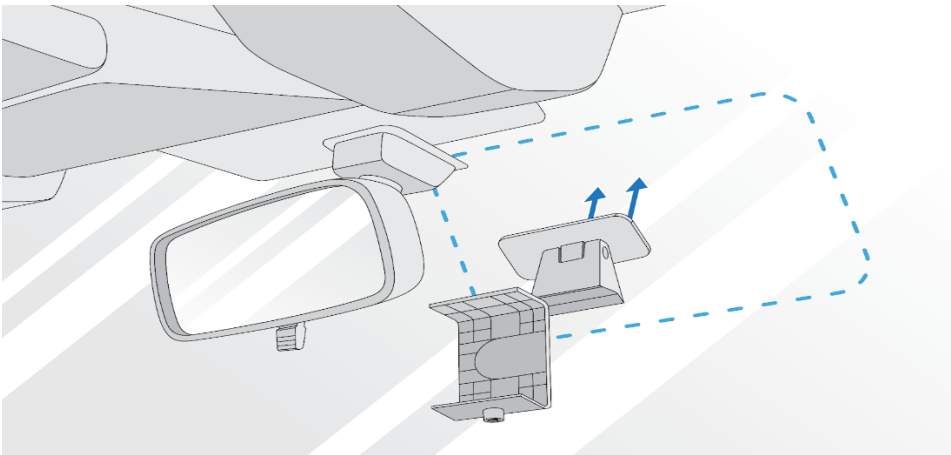
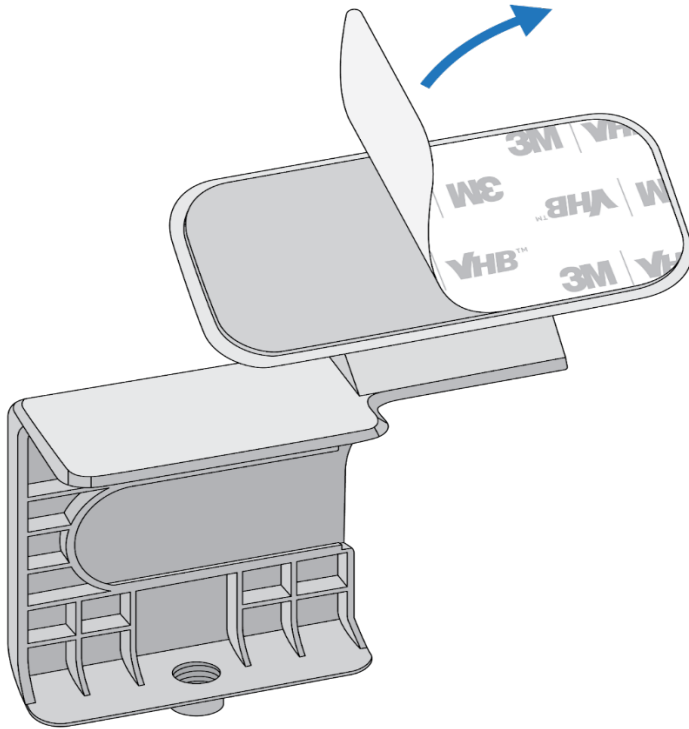
Ensure the GO Focus position:

- Does not obstruct the driver's viewing area.
- Is within the sweep zone of the windshield wiper.



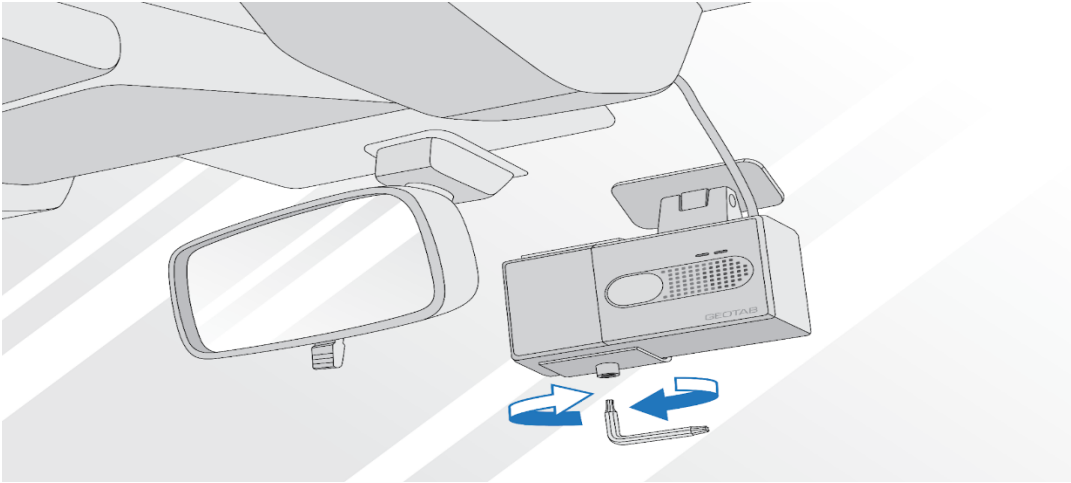
Mount the sensor bracket to the windshield.

Remove the film and apply pressure to the windshield for 30 seconds, ensuring the GO Focus is level and straight forward.



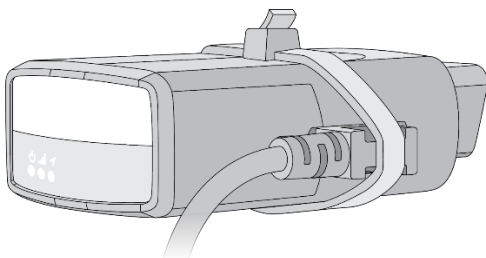
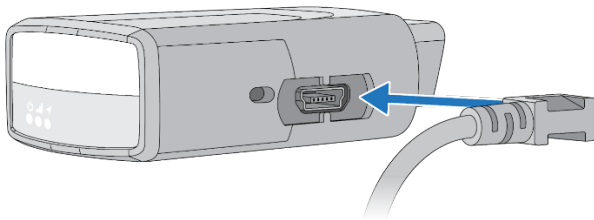
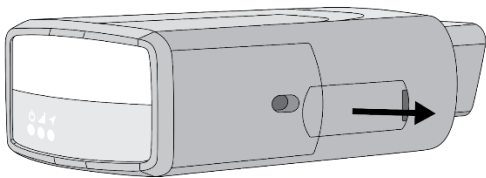
Slide the GO Focus into the bracket.

Use the provided locking tool to tighten the unit in place.



Attach the cable to your GO device and plug in the IOX extension cable.

Ensure your GO device is NOT connected to your vehicle. Ensure the cable does not obstruct the driver's view or ability to operate the vehicle.



Start the vehicle. The GO Focus should power on and produce an audible chime.

Ensure the GO device is connected to the vehicle. The GO Focus will automatically pair with the GO device.



LED state - Flashing blue.

Status - Activation in progress or firmware upgrade.

Action - Do not touch or move the device.



LED state - Flashing red.

Status - LTE, IOX-CAN, or Wi-Fi connection failure.

Action - Contact support.



LED state - Solid blue for 15 seconds.

Status - Activation successful.

Action - Success. No action required.



LED state - Solid red.

Status - Activation failed.

Action - Contact support.



LED state - Flashing blue and red.

Status - Ready for calibration.

Action - Continue to the next step.

Prepare GO Focus for calibration.

Press and hold the red camera SOS button for 5 seconds to enable the device's Wi-Fi.

LED state - Flashing blue and red.

Status - Ready for calibration.

Action - Continue to the next step.

On your phone, enable airplane mode, then turn on Wi-Fi. Connect your phone to the GO Focus Wi-Fi connection.

SSID / network name: GoFocus####. (#### represents the last 4 digits of the serial number).

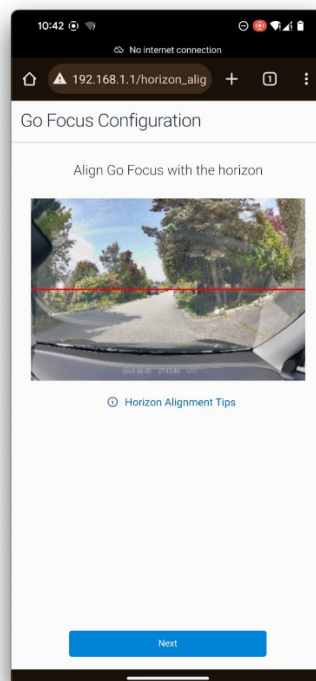
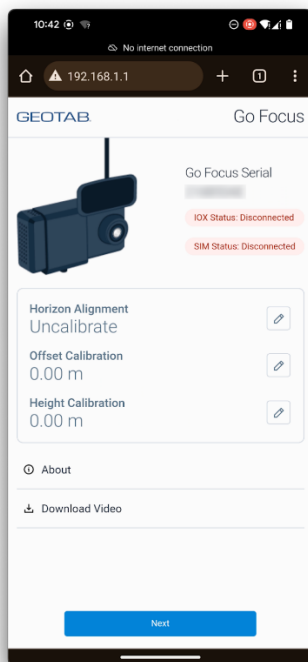
Password: Reverse of the GO Focus serial number (for example: if the SN is A1B2C3D4, the password is 4D3C2B1A).

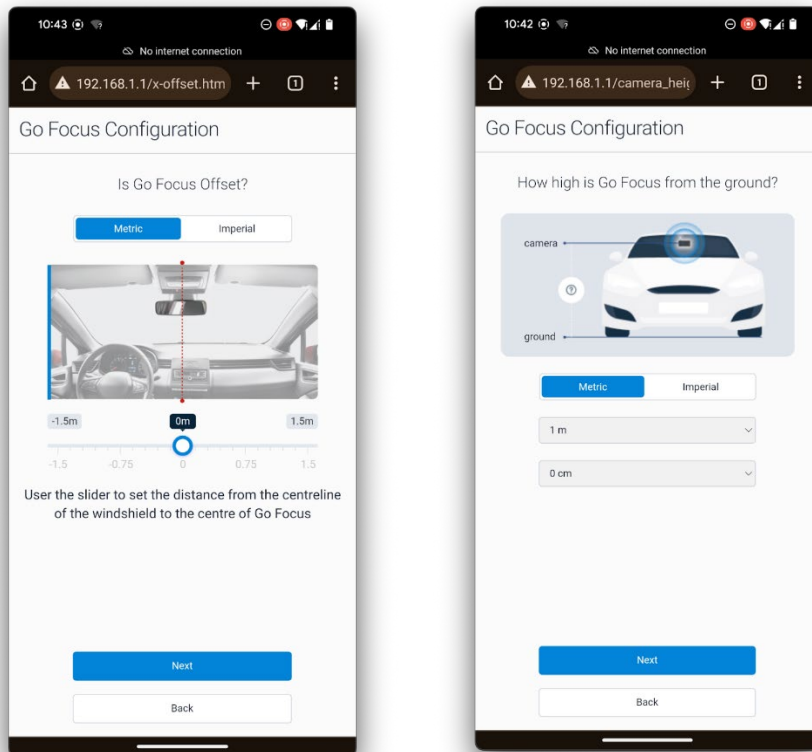
The serial number is also located on the device packaging.

Calibrate your GO Focus.

Navigate to the web address “192.168.1.1” in your default web browser (for example: Google Chrome, Apple Safari).

- Select your vehicle type.
- Complete lens calibration and horizon alignment.





Important safety information and limitations of use

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

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. You must inspect devices and cabling on a regular basis to ensure all devices and cabling continue to be securely attached. Loose cabling or devices may impede the use of vehicle controls, resulting in unanticipated acceleration, braking or other loss of vehicle control, which could lead to death or serious personal injury. Improperly fastened in-vehicle devices may detach and impact operators upon sudden acceleration or deceleration, which may cause injury.

WARNING! If at any point after an in-vehicle device is installed a warning light illuminates 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.

WARNING! Your in-vehicle devices must be kept clear of debris, water, and other environmental contaminants. Failure to do so may result in units malfunctioning or short-circuiting that can lead to a fire hazard or vehicle damage or serious injury.

WARNING! Do not attempt to remove the devices from the vehicle in which they are originally installed for installation in another vehicle. Not all vehicles share compatibility, and doing so may result in unexpected interactions with your vehicle, including sudden loss of power or shutdown of the vehicle's engine while in operation or cause your vehicle to operate poorly or erratically and cause death or serious injury and/or vehicle damage.

NOTICE: This product does not contain any user-serviceable parts. Configuration, servicing, and repairs must only be made by an authorized reseller or installer. Unauthorized servicing of these products will void your product warranty.