IOX-USB Installation Guide

Constant power to the mobile device allows drivers to use battery intensive applications such as Geotab Drive while in the vehicle.

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RECOMMENDED TOOLS & CONSUMABLES:

- Multi-Bit Screwdriver with Assorted Bits (1)
- Flush Cutter (1)

HARDWARE & ACCESSORIES:

- IOX-USB (1)

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— IOX not IP rated

IMPORTANT

IOX's are NOT IP rated or suitable for use with the GO RUGGED if used in an outside environment.

- IOX's cannot be exposed to outside environments.

— IOX-USB

⚠ Before starting the installation, ensure the Geotab GO device is unplugged from the vehicle.





- Mount the device that will be powered by the IOX-USB.
  - In this example, the device is a tablet.

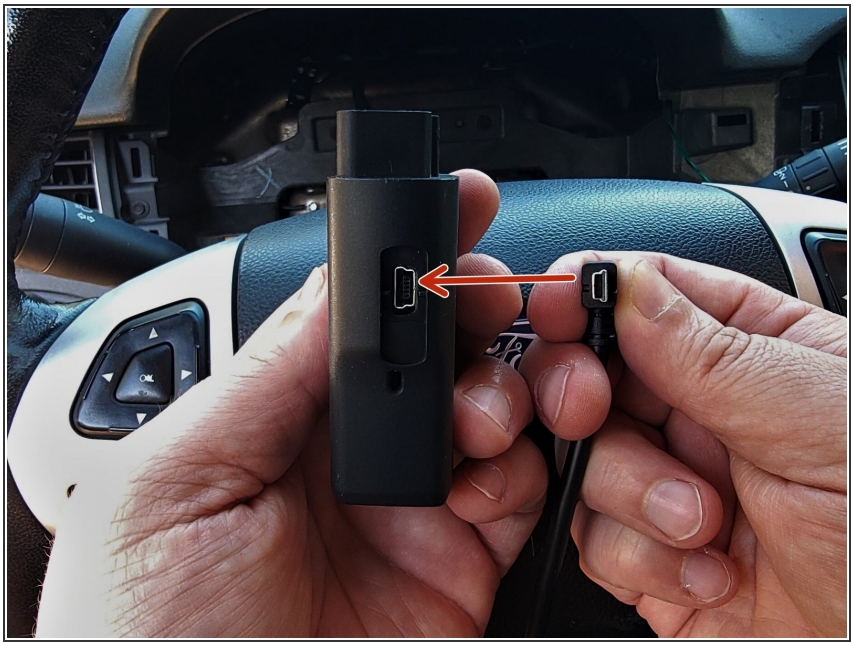
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- Locate the end of the cable from the tablet and connect it to the IOX-USB.

ⓘ Be sure to run the cable in a way such that it does not interfere with safe operation of the vehicle.

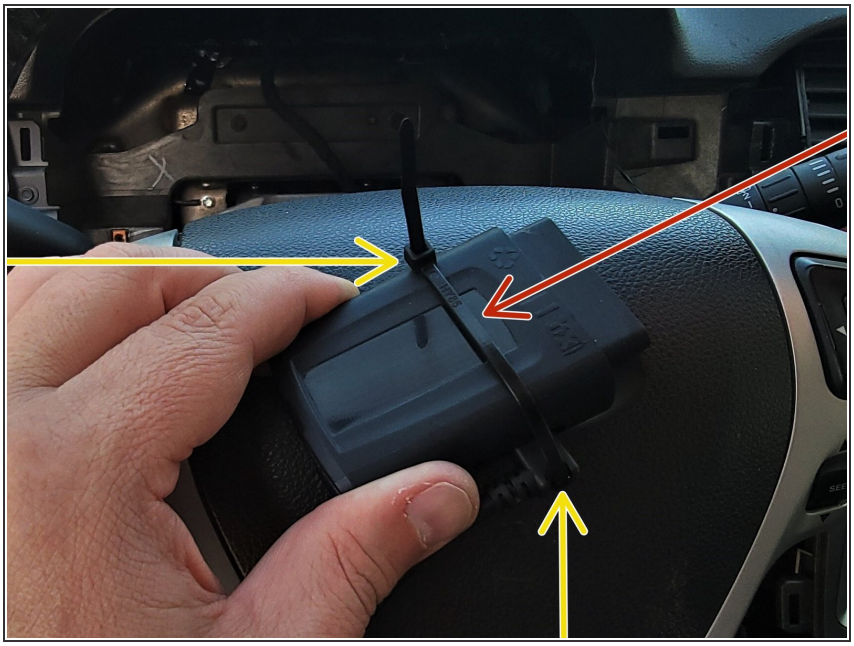
— Connect IOX to GO Device



- Remove the rubber cover on the GO device to expose the IOX port.
- Plug the IOX cable into the GO device.

⚠ **Important: you must plug IOX devices into the GO device BEFORE powering up the GO device.**

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- Secure the connection using a cable tie.
- Ensure the cable tie is firmly situated in the grooves, both on the plug and the GO device, to prevent tampering.
- ⚠ **DO NOT OVER-TIGHTEN! The connector on the device can be damaged if over-tightened.**
- Trim any excess cable tie.



- Plug the GO device into the T-Harness.

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— Verify LED and Secure Device

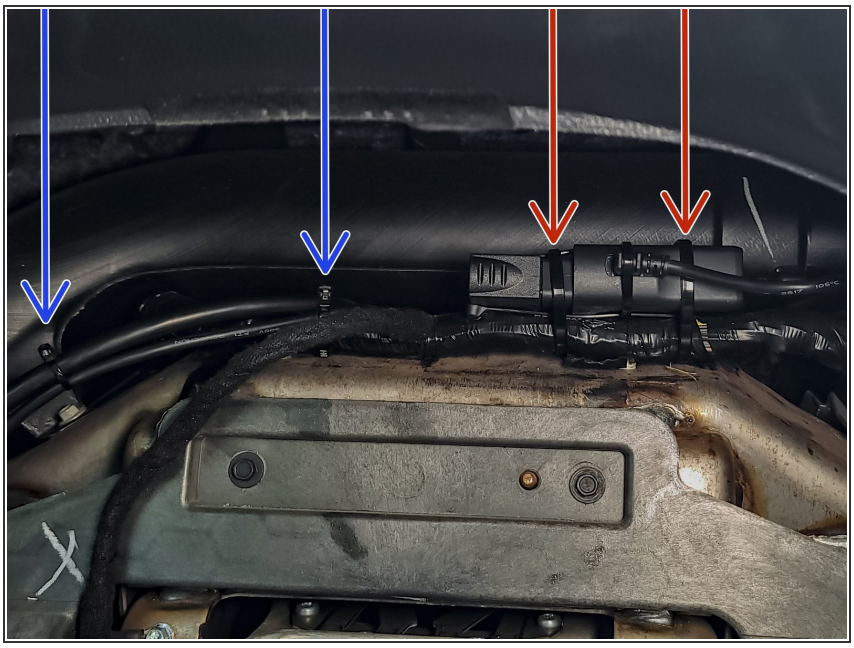


- Turn on the vehicle ignition.
- Verify the LED pattern.
- ⓘ The device emits ***2 quick beeps*** every 60 seconds during setup. When setup is complete, all three LEDs turn solid and the device emits ***10 quick beeps.***



- Secure the device to the harness using the included cable tie.
- Leaving some slack, secure the IOX cable to the diagnostic harness using a cable tie.
- Trim any excess cable tie, both on the GO device & harness, and on the IOX & harness cables.

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- Route the device and harness to the mounting location as needed. The mounting location should have as clear a line of sight to the sky as possible (for cellular/GPS connectivity). Lines of sight through plastics, glass, and composites are generally acceptable.

  ⚠ ***Ensure cable does not interfere with any moving parts.***

  ⚠ ***Secure harness as needed with cable ties.***

- Secure the device using 2 cable ties.

  ⚠ ***To ensure reporting quality, the device must be secured with no free movement!***

  ⚠ ***Device must NOT be secured such that the bottom side is in direct contact with metal!***

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— Verify Installation

⚠ All in-vehicle devices and related cabling must be securely fastened and kept clear of all vehicle controls, airbags, and 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 cause the vehicle's engine computer to fail, causing potential loss of vehicle control and serious injury.

⚠ Inspect devices and cabling regularly to ensure all devices and cabling continue to be securely attached.

⚠ 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.

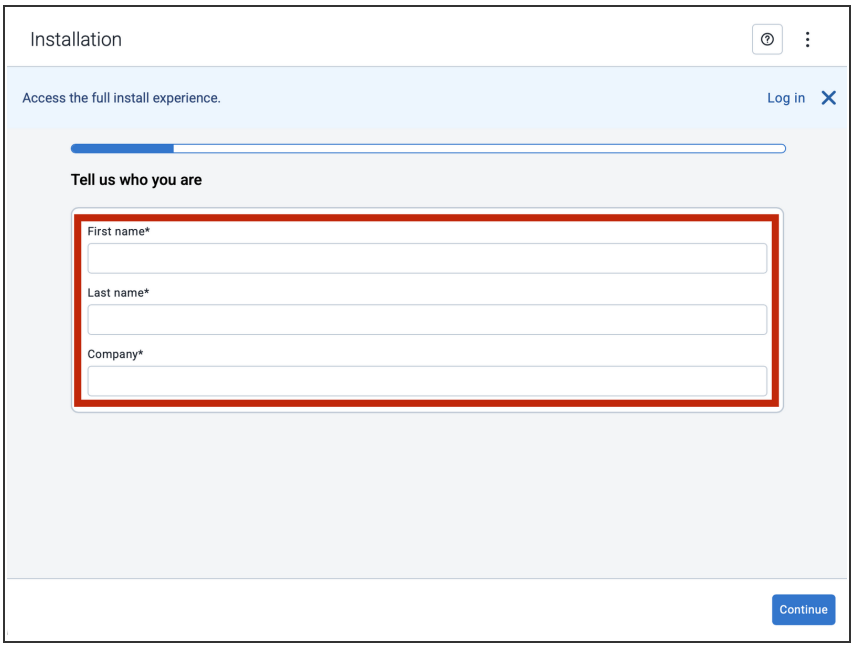
— MyInstall (Public)

ⓘ **Navigate to one of the following:**

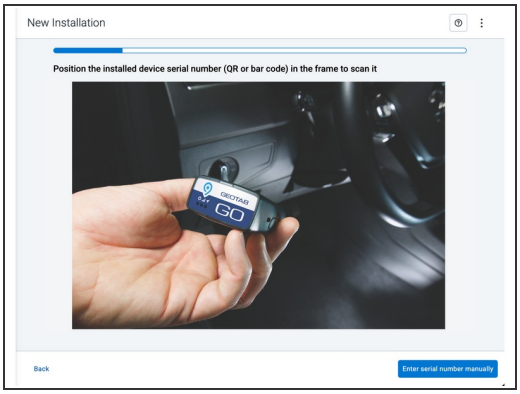
- *MyInstall (Public)*
- *MyInstall (Fed Gov)*

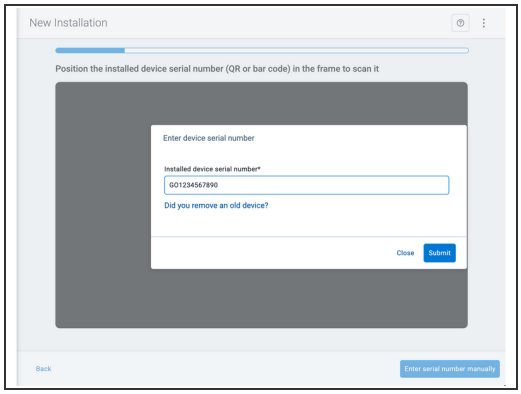
ⓘ **Note that the following steps are for the public version of MyInstall.**

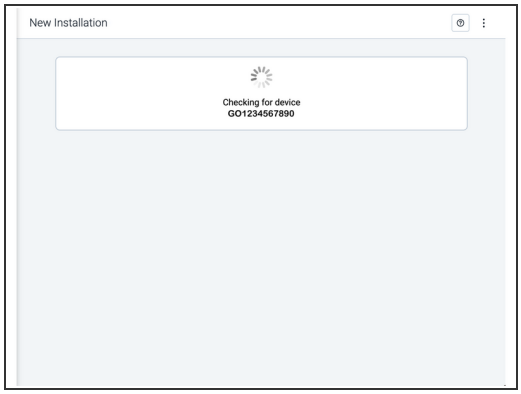
- *If you have an installer MyAdmin account, use this link*
- *This link is also accessible via the MyInstall Public page.*



- Enter the installer information.





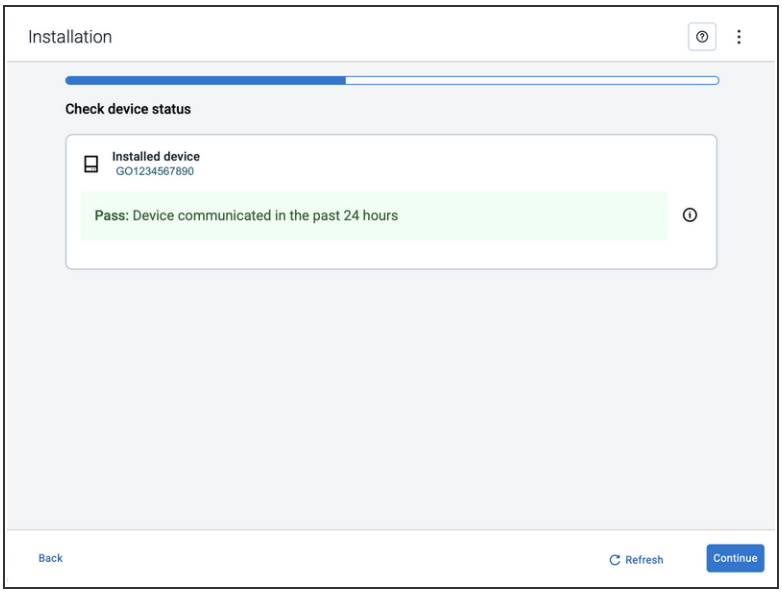


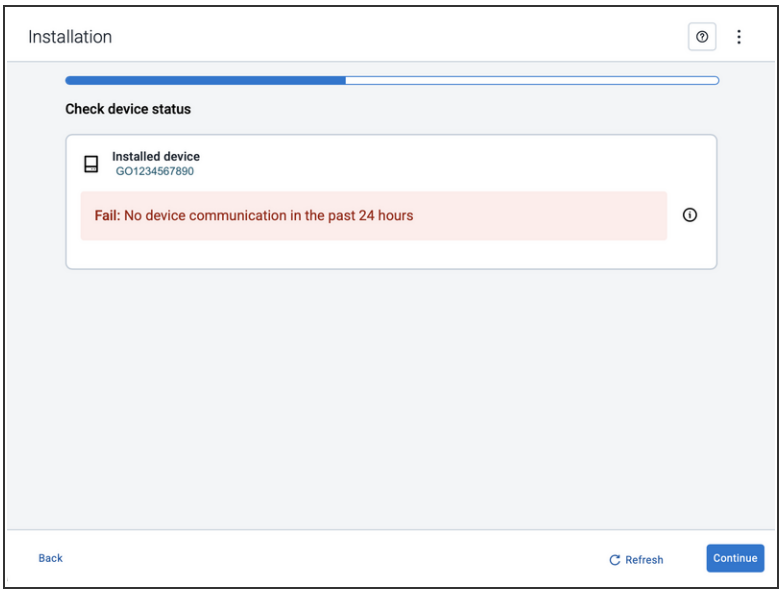
ⓘ Two options are available to enter the device serial number:

- Scan the device serial number (QR or barcode) using your mobile device.
- Press **Enter serial number manually**, enter the serial number, and then press **Submit**.

If you are also removing an old device, press **Did you remove an old device?** and then enter the removed device serial number.

ⓘ MyInstall takes a moment to check the device status.





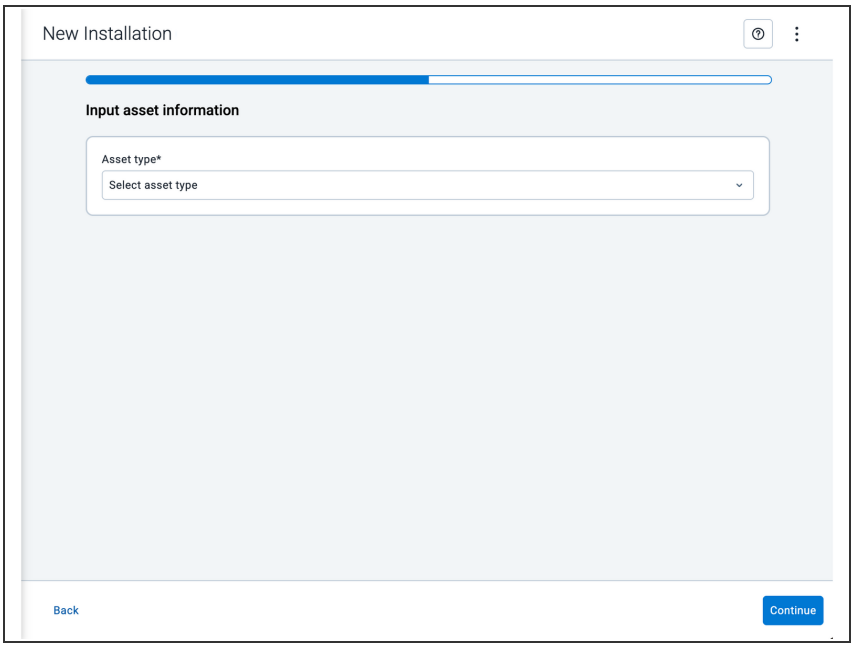
ⓘ Installed device

- **Pass** – The device has successfully communicated with the network in the last 24 hours.
- **Fail** – The device has not communicated with the network in the last 24 hours.

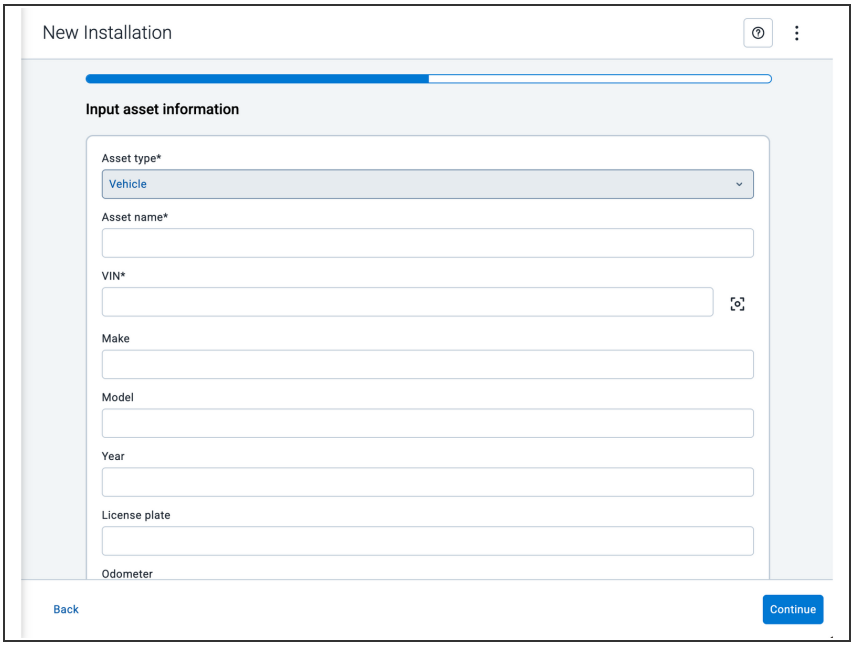
⚠ If the device status shows as ***FAILED***, verify the LED status and turn the ignition / engine off and on again.

ⓘ Press ***Refresh*** to check the status again.

ⓘ Refer to the **MyInstall User Guide** for detailed instructions.



- Under **Input asset information**, select the relevant **Asset type** from the dropdown.
- Fields displayed may vary based on the asset and device type.
- Enter information about the vehicle or asset where the telematics device was installed.

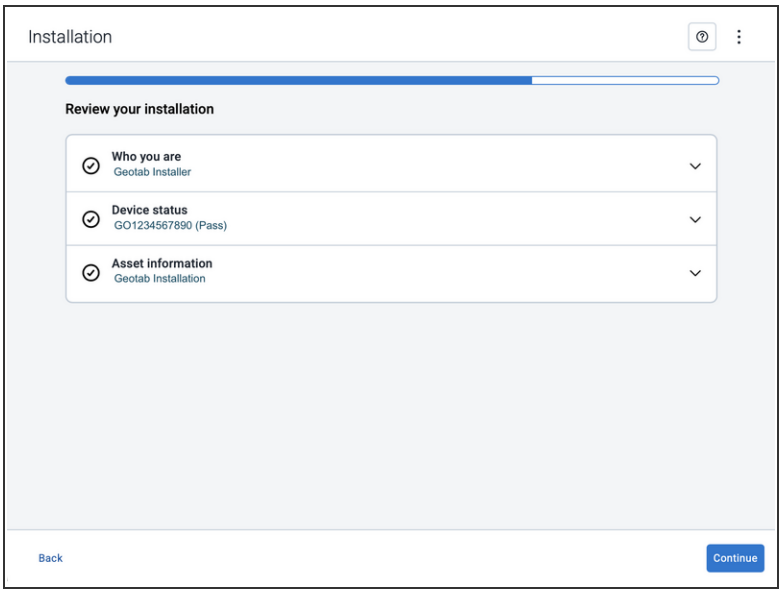


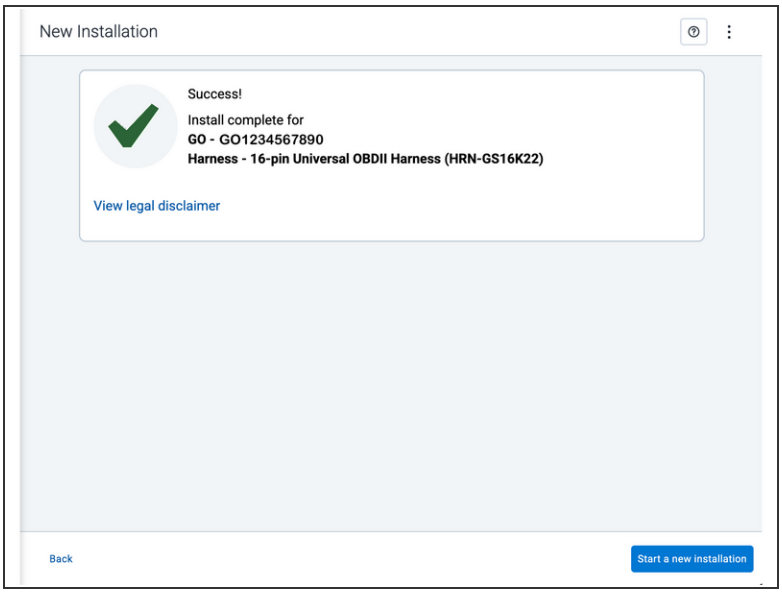
- **Asset name** — Enter the vehicle or asset name. This field is mandatory.
- **VIN** — Scan or enter the vehicle identification number (VIN). For scanning, select the scan icon **[O]** beside the field. This field is mandatory.
- **Make, Model, and Year** — This information will be auto populated when you scan or enter a valid VIN. If it is not autopopulated, enter the information manually. *NOTE: For some vehicle makes and models, the autopopulate option might not be possible.*

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- **License plate** — Enter the vehicle license plate.
- **Odometer** — Enter the vehicle odometer, and select the measurement unit (km or miles).
- **Engine hours** — Enter the vehicle engine hours.
- **Camera ID** (GO device only) — Scan or enter the installed camera identification (ID) number. *NOTE: Depending on the camera type, the camera ID number can also be the camera's International Mobile Equipment Identity (IMEI), or serial number. Select the information icon ⓘ to learn more about your camera's ID number.*
- **Work order reference** — If applicable, enter a work reference number that is associated with the installation.

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ⓘ Review details by clicking or tapping on any section. If needed, update or refresh any captured information.

- When you are ready to submit, select **Continue**.

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— Important Safety Information and Limitations of Use

ⓘ For the latest version of the Limitations of Use

⚠ 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, which can lead to a fire hazard and cause loss or serious injury.

ⓘ 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.

ⓘ The simplified EU declaration of conformity referred to in Article 10(9) shall be provided as follows:

- Hereby, Geotab (Address: 2440 Winston Park Drive, Oakville, Ontario L6H 7V2, Canada, Phone number: 1 (877) 436-8221) declares that the radio equipment type ‘telematics device’ is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available here.

⚠ **WARNING:** Cancer and Reproductive Harm

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