2017 – Present DAF LF XB

Installation guide: 2017 – Present DAF LF XB.

Written By: Jason Fox

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RECOMMENDED TOOLS & CONSUMABLES:

- 1/4" Metric Socket Set with Ratchet or Driver (1)
- Multi-Bit Screwdriver with Assorted Bits (1)
- Flush Cutter (1)
- Cable Ties (1)

HARDWARE & ACCESSORIES:

- GO9 (1)
- HRN-GS16K2-HD 16-Pin Universal Heavy Duty OBD-II T-Harness kit (1)
- IOX-CLAMP (1)

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— Warnings and Considerations

⚠ **WARNING!** Only use Geotab telematics devices with Geotab-approved harnesses acquired from Geotab-authorized channels. Use of non-Geotab harnesses from unauthorized channels can cause serious safety risks, including fire, and can lead to serious personal injury and/or damage to the vehicle.

⚠ **IMPORTANT:** Always use a vehicle-specific harness when offered by Geotab or the vehicle manufacturer to avoid possible damage to the GO device. Some vehicles have multiple diagnostic connectors to choose from when installing a GO device.

ⓘ For more information on Geotab harnesses and adapters, refer to the Harness Identification and Application & Harness Assessment Cheat Sheet & Geotab Truck Solution - Harness Identification and Application

If a longer length is required to facilitate installation, connect a straight harness to a T-harness. Ensure that the total harness length does not exceed 2 meters (6.5 feet), because this can compromise the integrity of the data and cause issues with the vehicle's Engine Control Unit (ECU).

ⓘ For more details on compliance information and applicable products, contact your Authorized Reseller.

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— Preparing For Installation

⚠ Some installations are not straightforward and must be completed by an Authorized Installer to ensure a secure installation.

⚠ Ensure you use enough cable ties to secure both the device and the harness to the vehicle. An unsecure device can result in poor electric and/or data connections, which can lead to short circuits and fires or cause malfunctions of vehicle controls that can result in serious personal injury or significant damage to the vehicle.

ⓘ Some examples requiring professional installation from an Authorized Installer are:

- The OBD port location is such that the device could protrude or interfere when entering or exiting the vehicle, or located where it could be inadvertently kicked or bumped during vehicle operation. The device isn't fully secured and may be able to vibrate loose or get kicked or knocked. An electrical harness or additional wiring is required.
- Vehicle mounting modifications are required to secure the device, such as removing of panels. The OBD connector has been deformed/damaged or there is physical damage visible to the electrical wiring.
- The device does not power on and beep six times when first installed.
- The installer questions their ability to complete a secure installation according to these instructions.

⚠ Do not attempt to install, reconfigure or remove any product from a vehicle while the vehicle is in motion or otherwise in operation. Any installation, configuration, or removal must be done only in stationary vehicles that are securely parked.

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ⓘ Before installing, record the following:

- GO device serial number (located above the barcode on the device label)
- Odometer reading
- Vehicle or asset name
- VIN (vehicle identification number)

— 2017 – Present DAF LF XB installation steps

- Locate the fuse box on the passenger side.
- Unlock the cover with a flat screwdriver and remove.

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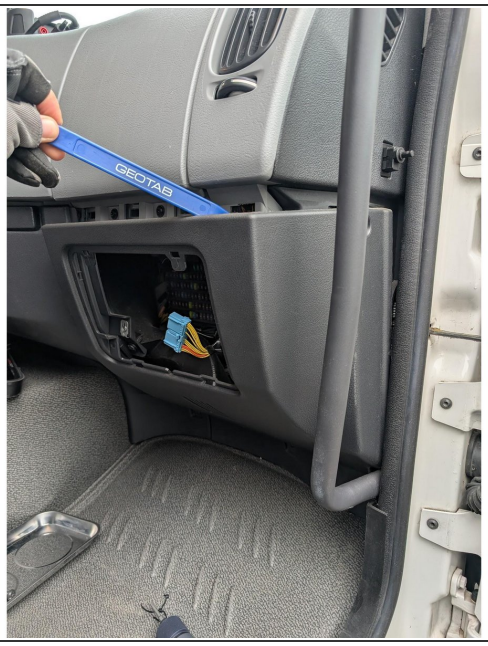
- Remove the 4 x T20 torx screws from the middle panel as shown.



- Use a panel removal or similar tool to unclip and remove the middle interior panel.

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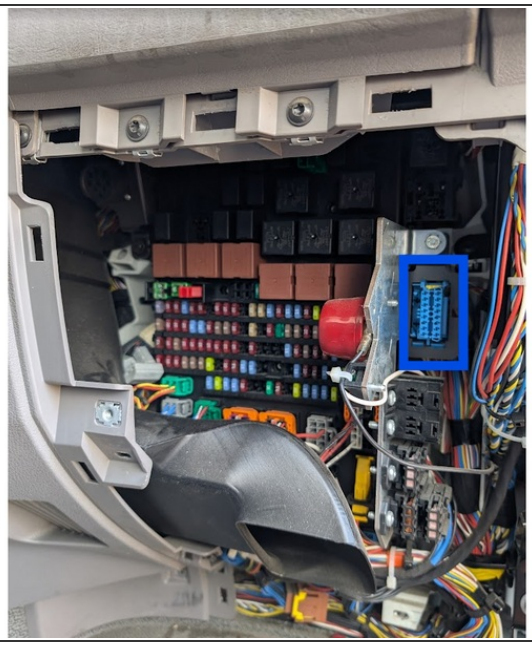
- Unclip and remove the 2 plastic rivets and remove the plastic air duct.



- Unclip the OBD-port from its mounting bracket.

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- Connect the IOX-Clamp to the Yellow and Red wires of the green connector in the fuse panel (Connector label D421.A)

- Plug the IOX into the GO device and secure it with a cable tie.
- Then plug the GO device into the T-harness, and secure it with a cable tie as shown

⚠ Note: Do not over-tighten cable ties

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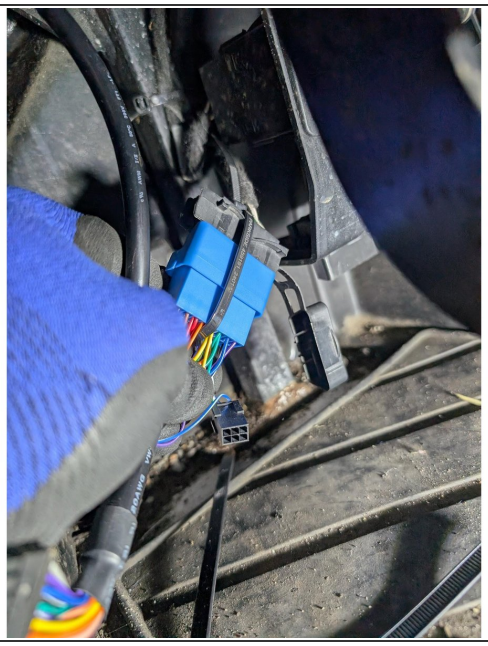

- Connect harness HRN-GS16K2-HD with the OBD port and secure it with a cable tie.

- Select ADAPTOR 13 from the pack, and clip it into place onto the short harness section,
- Clip the short section of the harness into the mounting bracket in the vehicle in place of the vehicle's OBD-port

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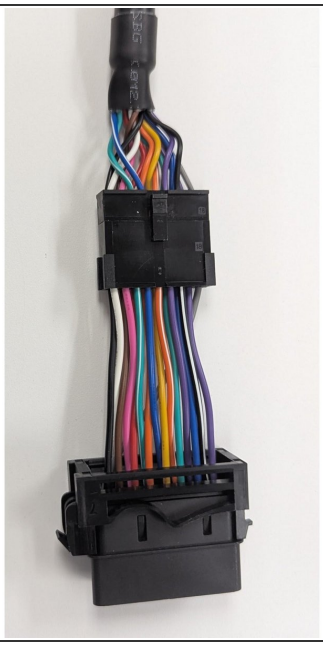

- Clip the short section into place on the main harness.

- Firmly mount the Go device to a suitable bracket
- Finally, replace all panels and screws.

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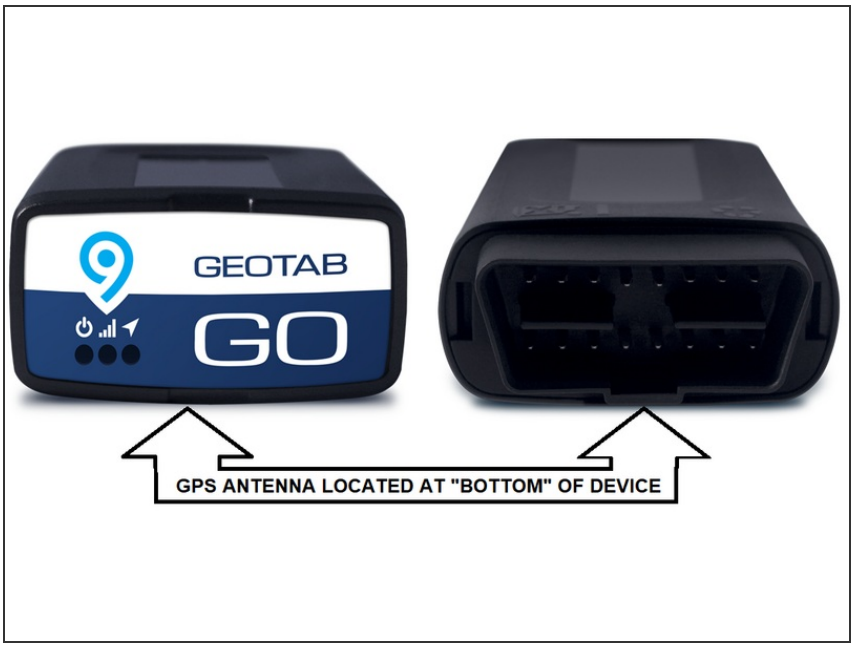

ⓘ The GPS-antenna is located at the “underside” of the Geotab device. Take care when securing the device into the vehicle, that this side is facing away from any metal surface

- Start the engine, leaving it to idle.
- All three LED’s on the GO device flash briefly - wait until you see all three light up permanently:
- Red (Power),
- Green (GSM)
- Blue (GPS).
- During this five-minute process the unit will also beep repeatedly as it updates itself to the latest software.

— Attention

ⓘ If installing an **IOX** accessory please continue using the correct guide from here.

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⚠ ***Start Vehicle.***

- Verify LED pattern.
- The device emits ***2 quick beeps*** every 60 seconds during set-up. Once all three LEDs turn solid you will hear ***10 quick beeps.***

— 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.

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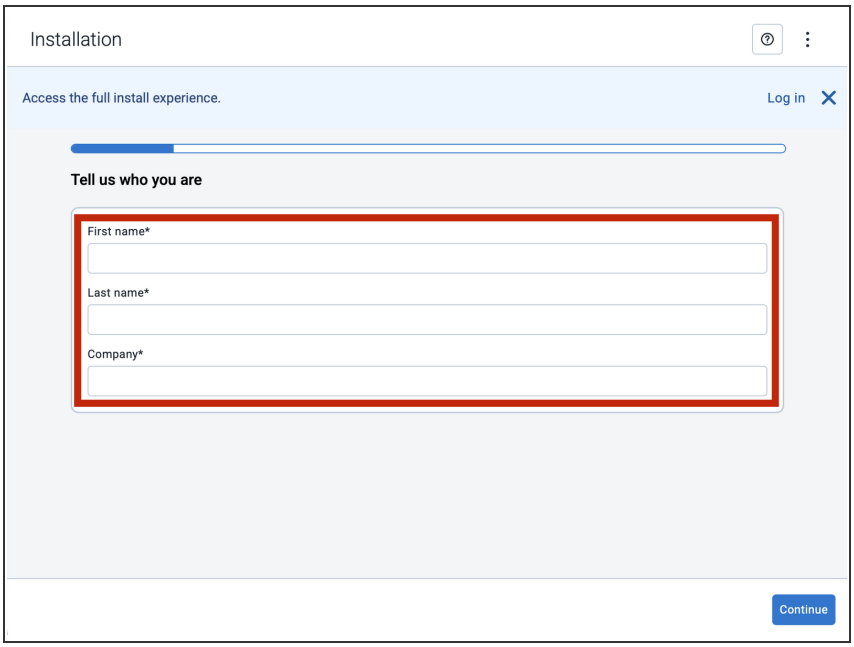
— MyInstall (Public)

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.

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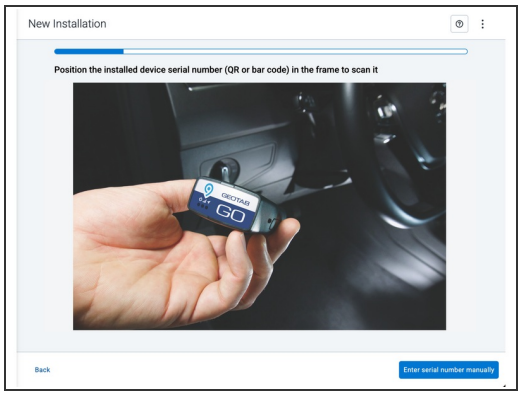

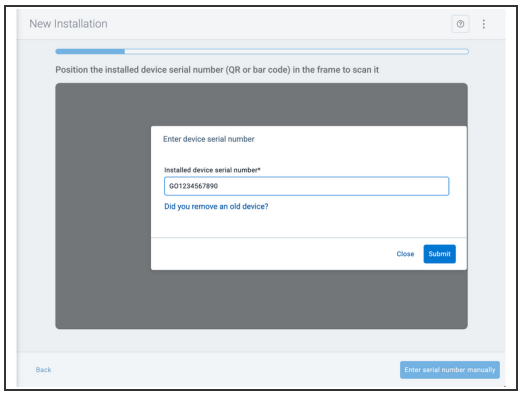

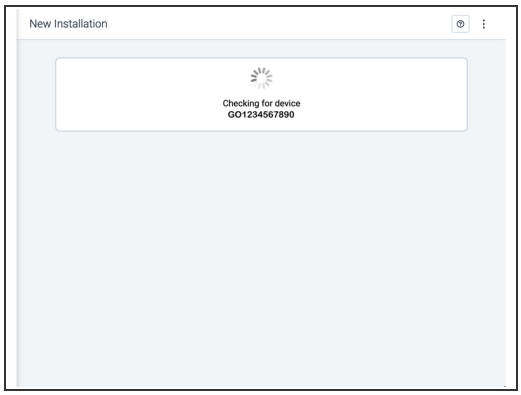

Two options are available to enter the device serial number:

- 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.

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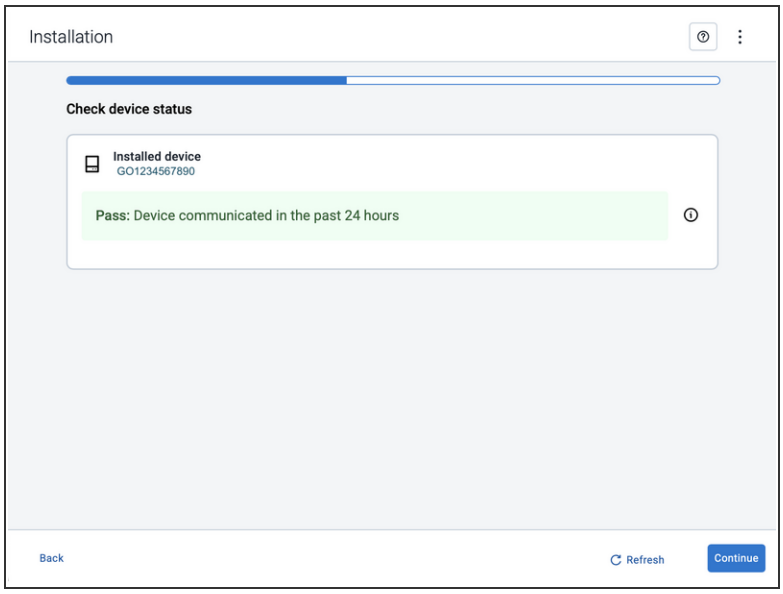

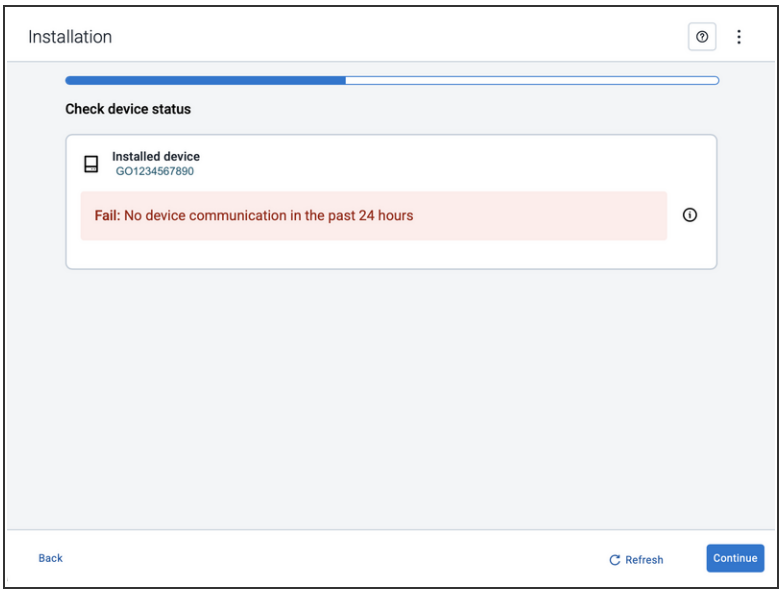

ⓘ Installed device

- **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.

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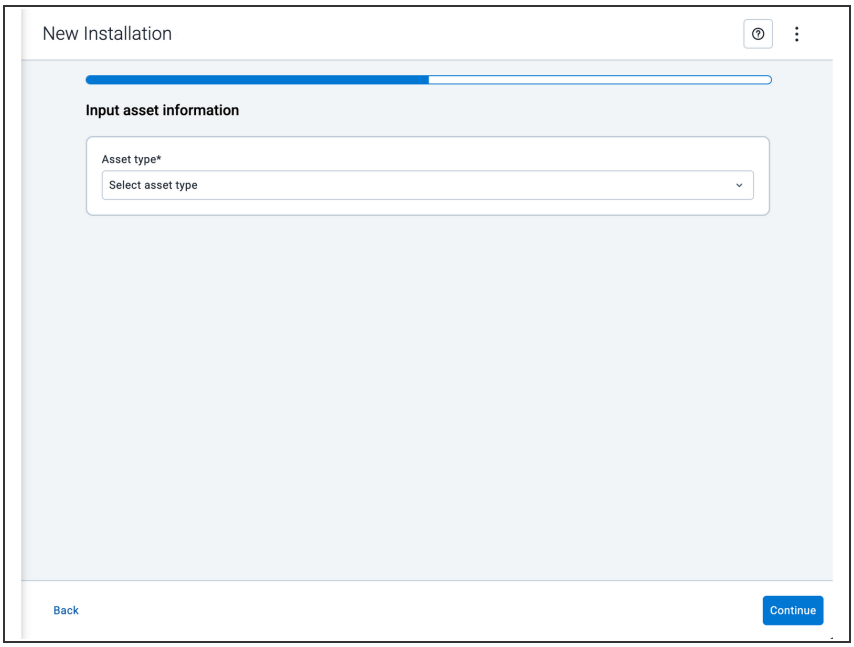
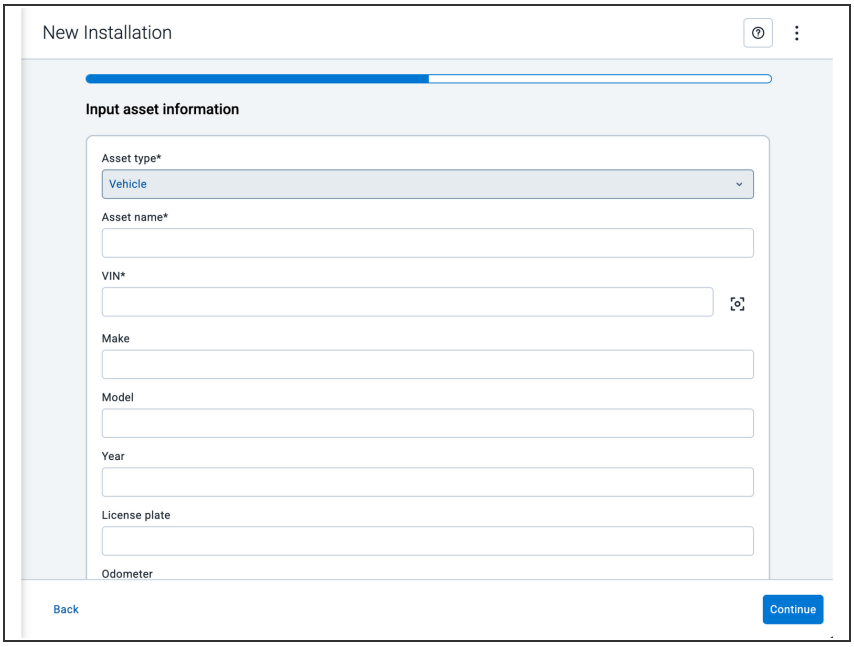


Under **Input asset information**, select the relevant **Asset type** from the dropdown.

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** (GO device only) — Enter the vehicle odometer, and select the measurement unit (km or miles).
- **Engine hours** (GO device only) — 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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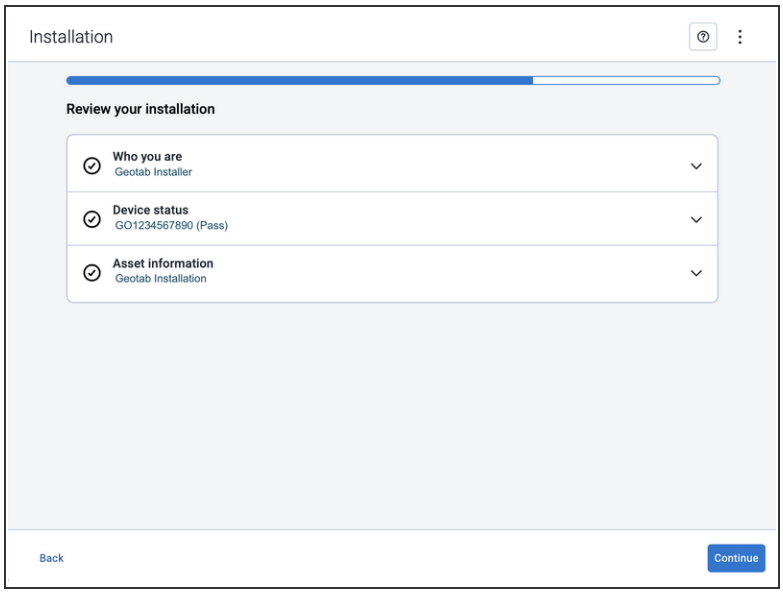

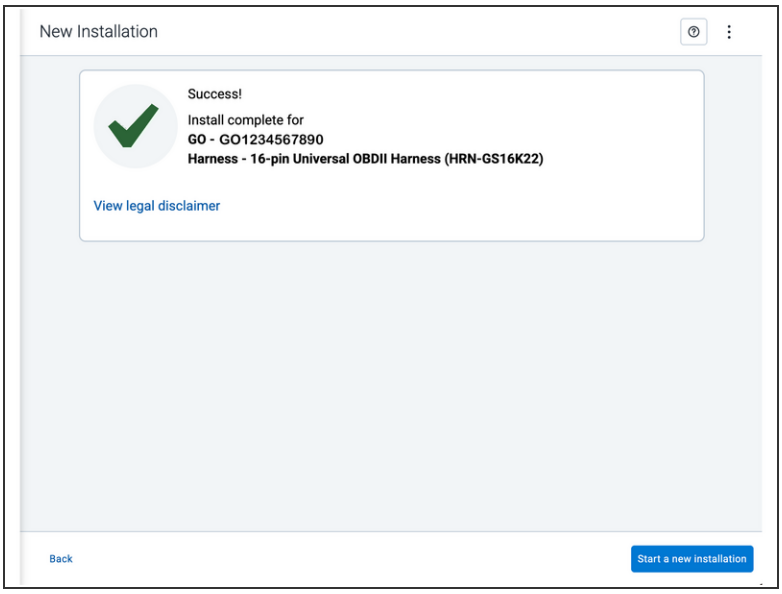

ⓘ Review details by clicking or tapping on any section. If needed, update or refresh any captured information.

- 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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