# BYD M6 EV 2025 - Present

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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)
- Soldering Iron (1)
- Electrical Tape (1)
- DMM (1)
- Panel Removal Tool (1)

## HARDWARE & ACCESSORIES:

- GO9 (1)
- HRN-CW03K3 3-Wire Harness w/ Fuse 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

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

⚠ 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 protrudes and interferes with 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 so may come loose with vibrations or accidental contact.
- An electrical harness or additional wiring is required.
- Vehicle mounting modifications are required to secure the device, i.e. removing of panels; deformed/damaged OBD connector; or physical damage 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.

⚠ **WARNING!** Do not attempt to install, reconfigure, 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 which are securely parked.

⚠ Attempting to service devices while the vehicle is in motion could result in malfunctions or collisions, leading to death or serious personal injury.

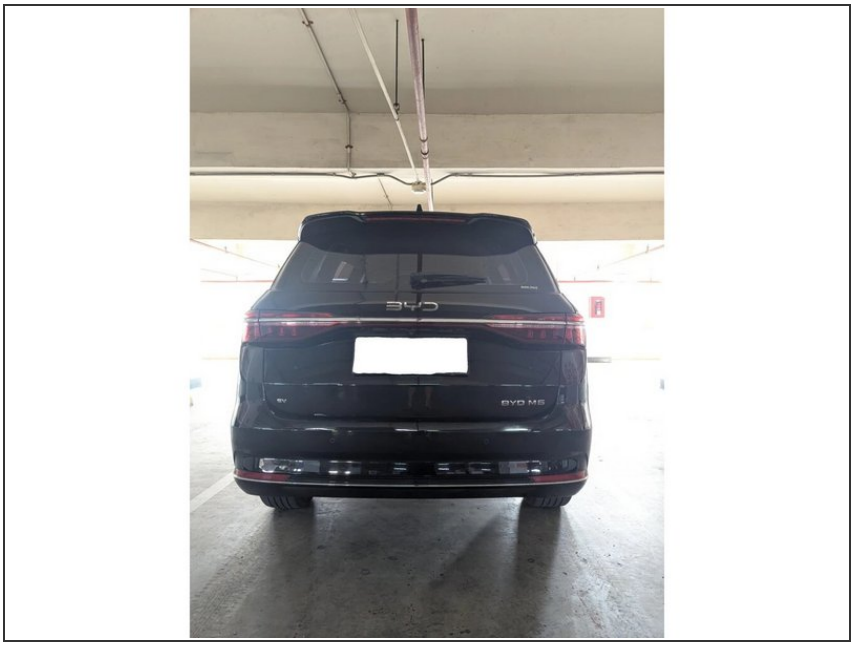

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## — Step 1 - Exterior Photos



- Take exterior photos of the vehicle from the front, side, and rear.
  - Identify the vehicle model (BYD M6 EV 2025+), equipment, and any relevant features.

## — Step 1b - Exterior Photos (continued)



- Additional exterior photo showing vehicle features.

## — Step 2 - Vehicle Identification







- Photograph the VIN, chassis number, or serial number.
- Take photos of any vehicle identification and build plates.

## — Step 6.1 - Infotainment Display Removal





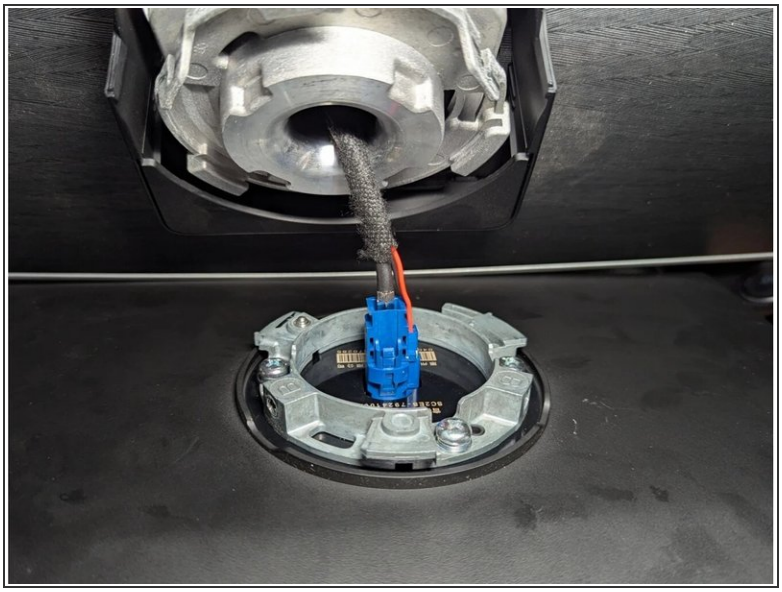


- Just behind the infotainment display, remove the top cover using a flat-bladed screwdriver or plastic pry tool.
- Remove the two Hex nuts using an 8mm spanner.
- Rotate the infotainment display to detach it from the metal bracket.


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## — Step 6.1b - Infotainment Display Removal (continued)





- Unplug the blue connector to completely remove the infotainment display.

## — Step 6.2 - Front Panel Removal







- Remove the front panel using a flat-bladed screwdriver or plastic pry tool.
- Remove the side air vent using a flat-bladed screwdriver or plastic pry tool.



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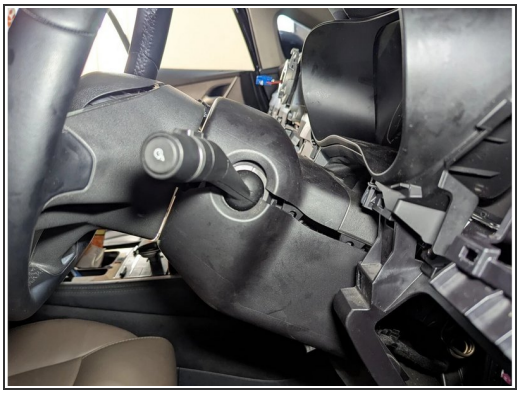
## — Step 6.2b - Front Panel Removal (continued)

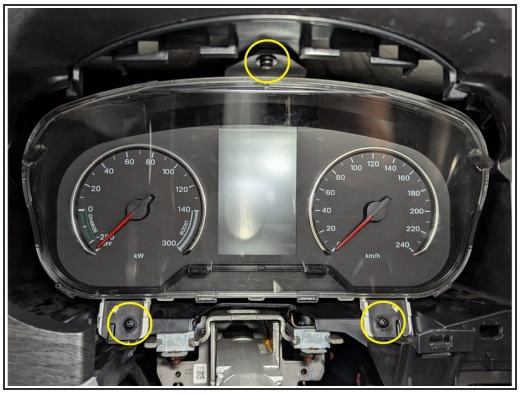




- Remove the change box. Unclip the driver-side front panel held by plastic clips. Unplug the 4-pin green connector to completely remove it.

## — Step 6.3 - Instrument Cluster Removal

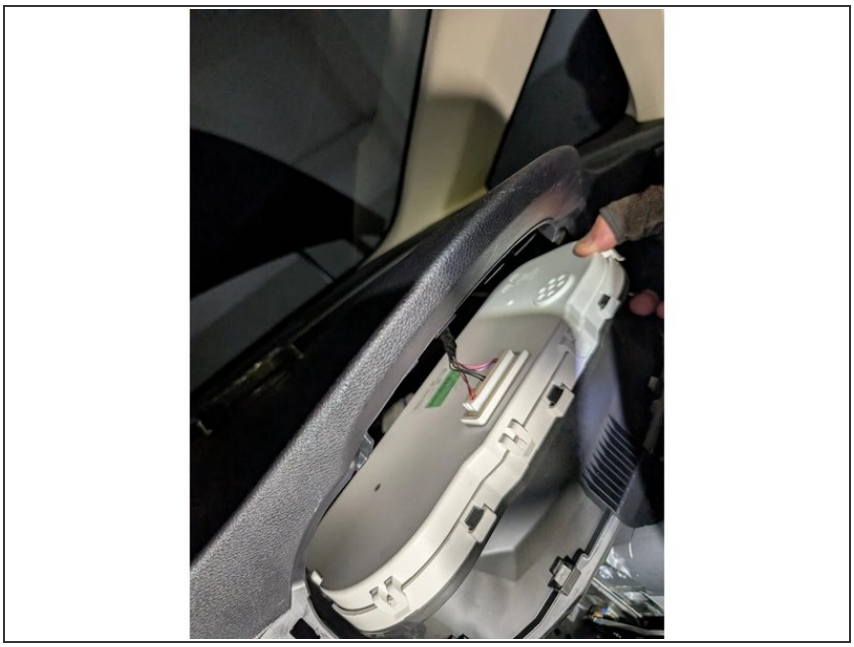




- Unclip the steering column cover using a flat-bladed screwdriver or plastic pry tool.
- Next, unclip the instrument cluster cover and remove the whole assembly.
- Remove the instrument cluster held by 3 screws as shown.

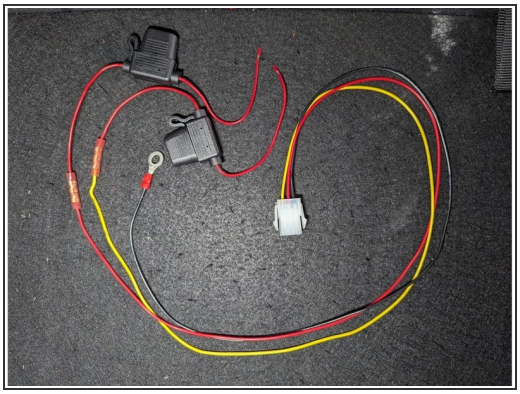

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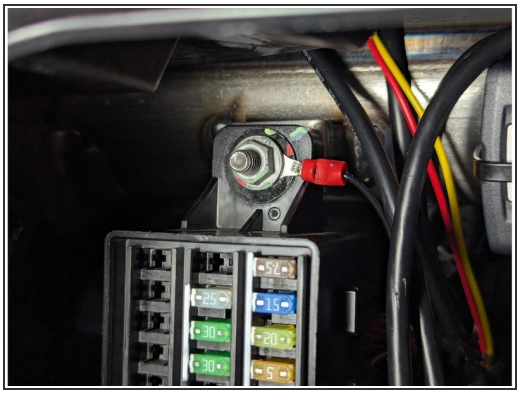
## — Step 6.3b - Instrument Cluster Removal (continued)

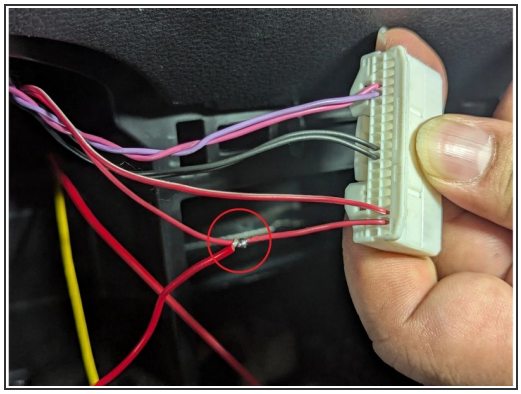


- Pull it outwards and unplug the 40-pin white connector behind it to completely remove it.

## — Step 6.4 - 3-Wire Harness Connection (Part 1)



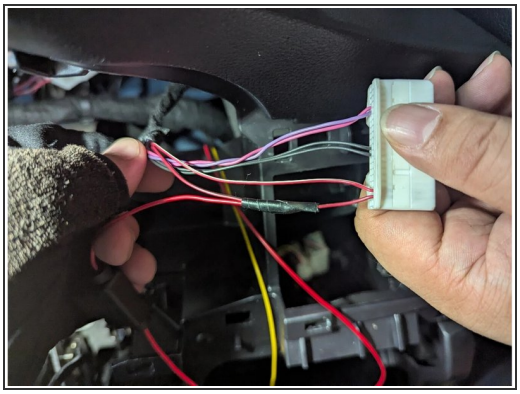
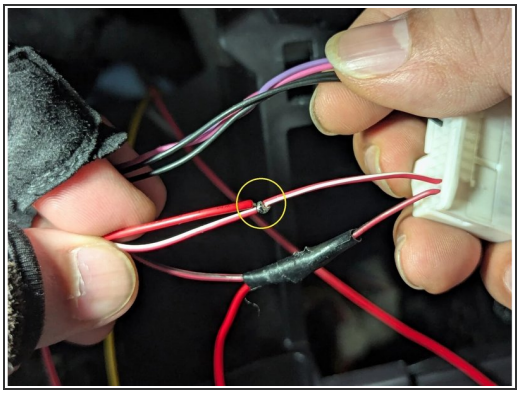
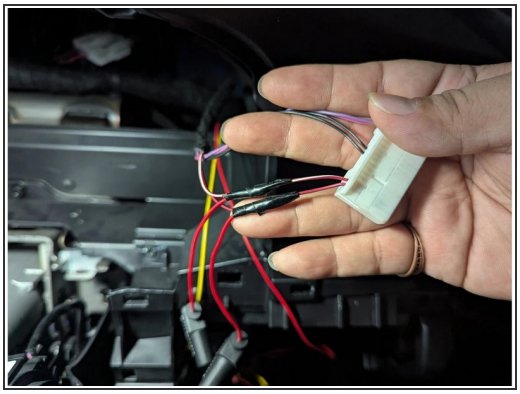




- Prepare the HRN-CW03K3-A harness by using the supplied parts and fuse holders in the HRN-5AFUSEKIT.
- Route the white connector of the HRN-CW03K3-A harness from the top towards the fuse block. Attach the BLACK wire (GROUND) as shown.
- Strip a portion of the RED-BLACK wire (Pin 39) and connect the RED wire (POWER). Solder for a secure connection. Insulate with electrical tape.

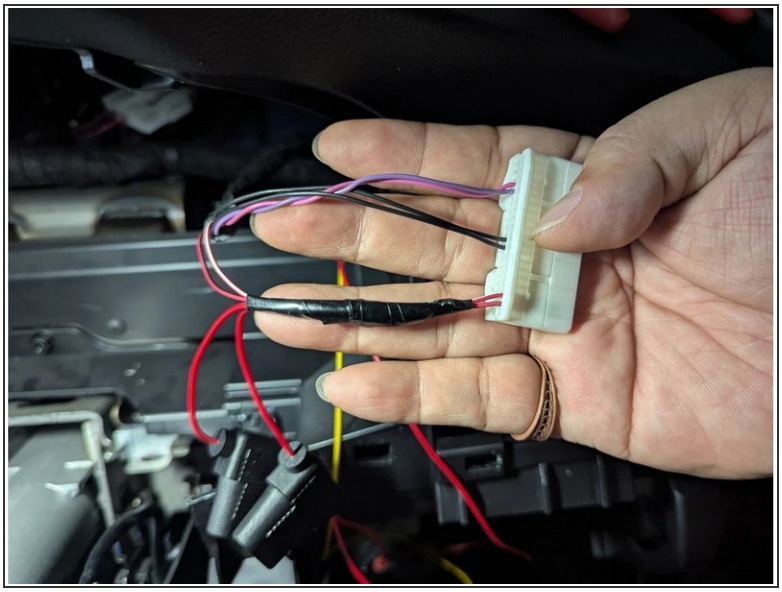
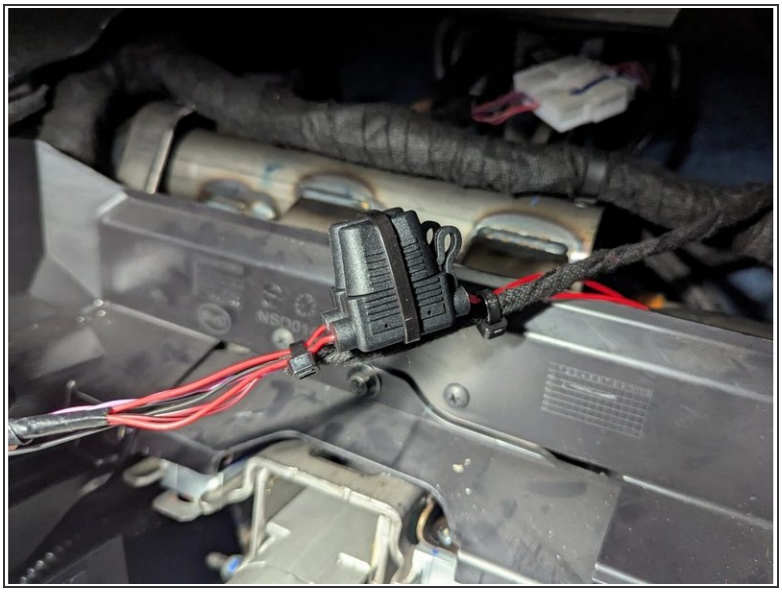

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## — Step 6.4b - 3-Wire Harness Connection (Part 2)

- Strip a portion of the RED-WHITE wire (Pin 38) and connect the YELLOW wire (IGNITION). Solder for a secure connection. Insulate with electrical tape.

## — Step 6.4c - 3-Wire Harness Connection (Part 3)

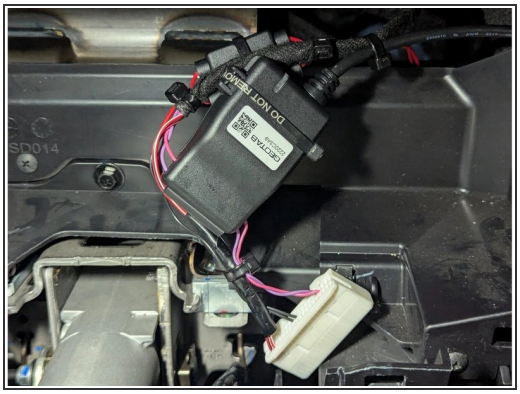



- Secure the remaining length of the harness with cable ties as shown.


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## — Step 6.5 - IOX-CLAMP Installation





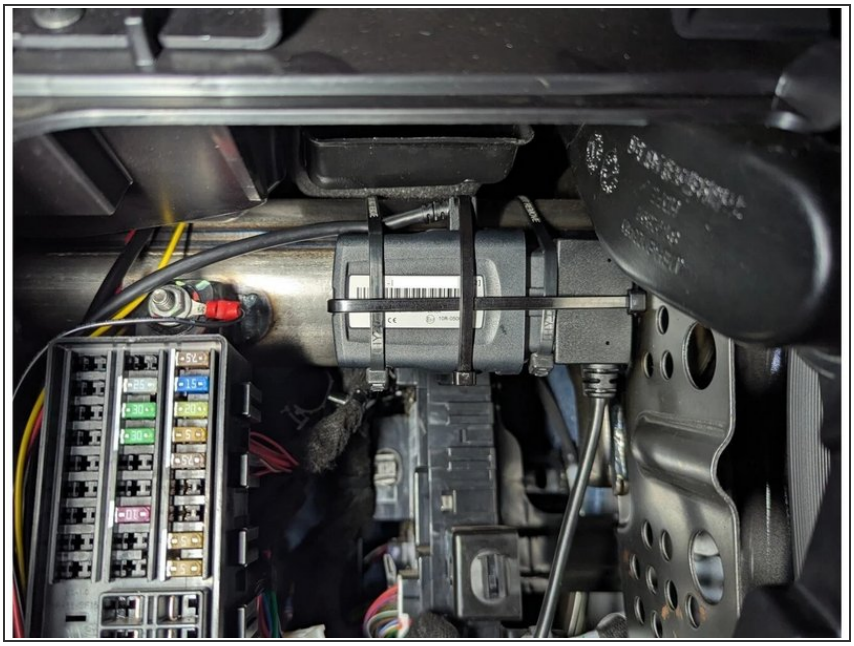
- Open the clamp and insert both wires (Pin 4 = Pink and Pin 5 = Violet) into either of the device cavities. Ensure the wires are seated in the grooves of the clamp as shown.
- Close the IOX-CLAMP and ensure it clips without pinching any wires. Secure the remaining IOX cable length with cable ties as shown.

## — Step 6.6 - Connect IOX-CLAMP to GO Device

ⓘ Connect the IOX-CLAMP to the GO device. Refer to standard installation guide instructions for the connection procedure.

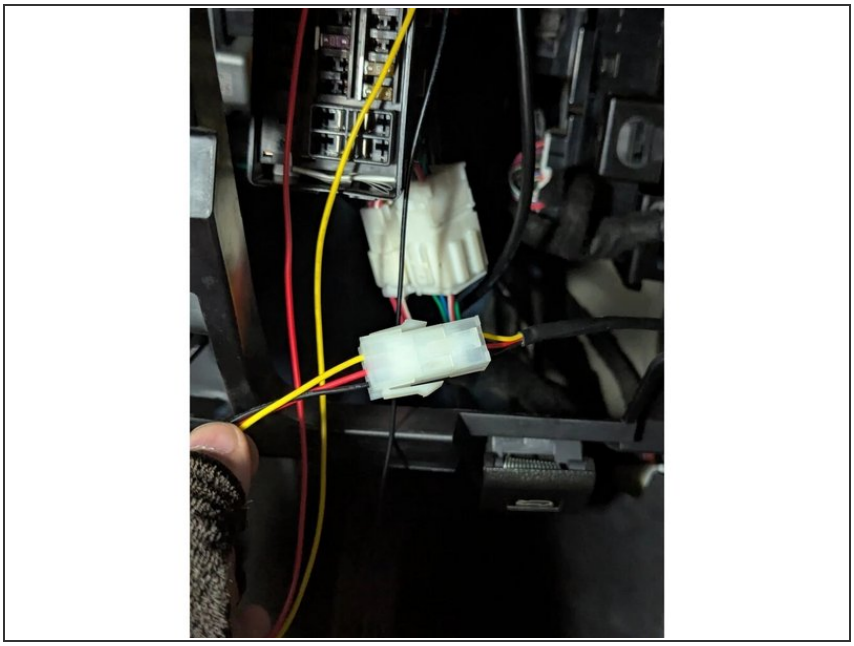

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## — Step 6.7 - Mount and Secure the GO Device



- Plug the GO device into the HRN-CW03K3-A harness and secure it with a cable tie.
- Secure the GO device to a suitable location using cable ties as shown. Ensure that the serial number faces outwards, and is not covered by or in contact with any metal surface.

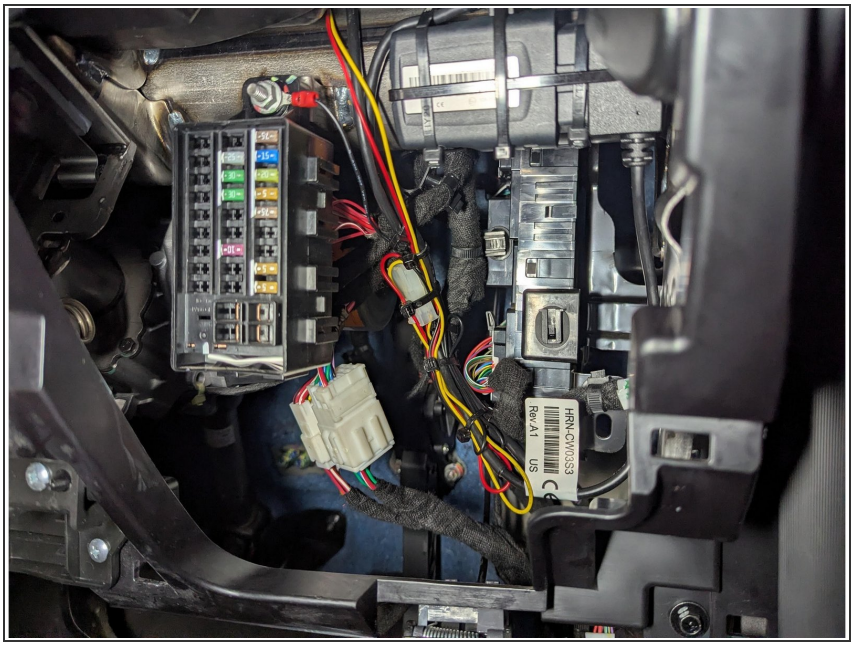
## — Step 6.8 - Connect HRN-CW03K3-A White Connector



- Connect both ends of the white connector of the HRN-CW03K3-A harness.


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## — Step 9 - Secure Spare/Slack Cabling




- Secure any spare or slack cabling neatly with cable ties.
- Take a general area photo of the installation.

## — Step 10 - Replace All Panels

- Replace all panels, connectors, screws, and clips in the reverse order they were removed.
- Note all tools required and take a general area photo of the completed installation.

## — Attention

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




⚠ ***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.

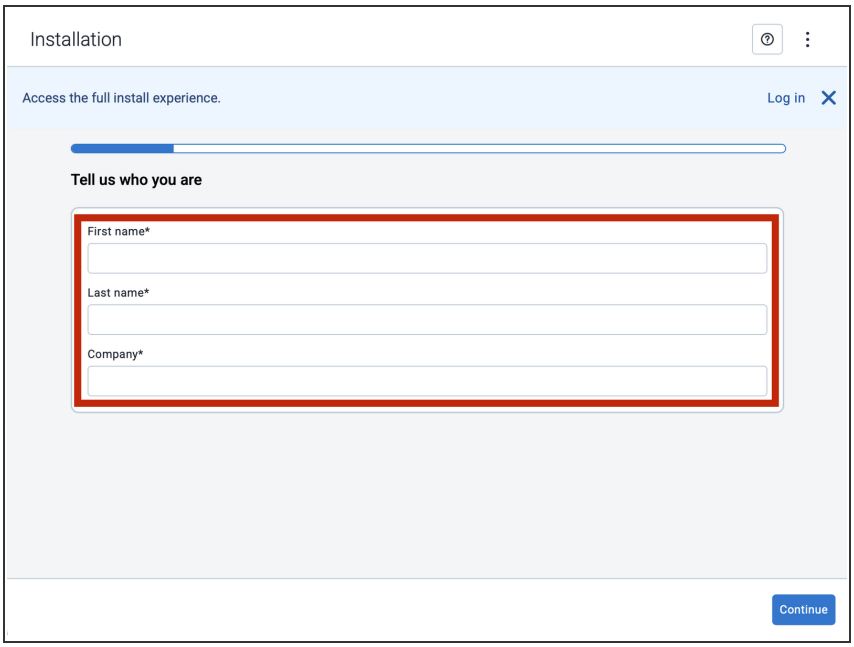
## — MyInstall (Public)

**Navigate to one of the following:**

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

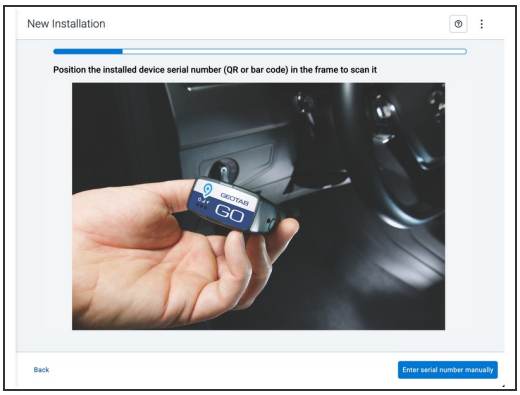
**Note that the following steps are for the public version of MyInstall.**

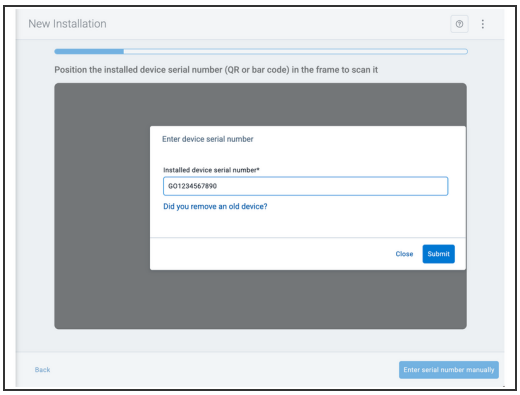
- *If you have an installer MyAdmin account, use this link*
- *This link is also accessible via the MyInstall Public page.*

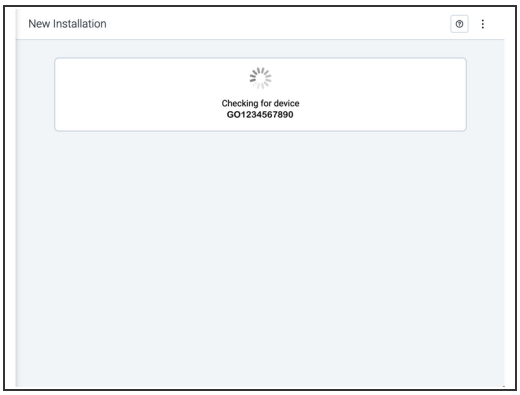



- Enter the installer information.


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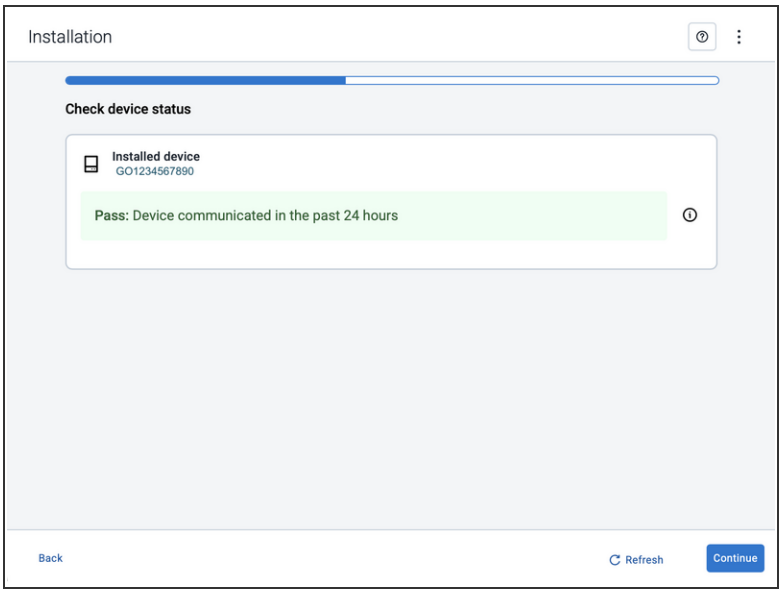



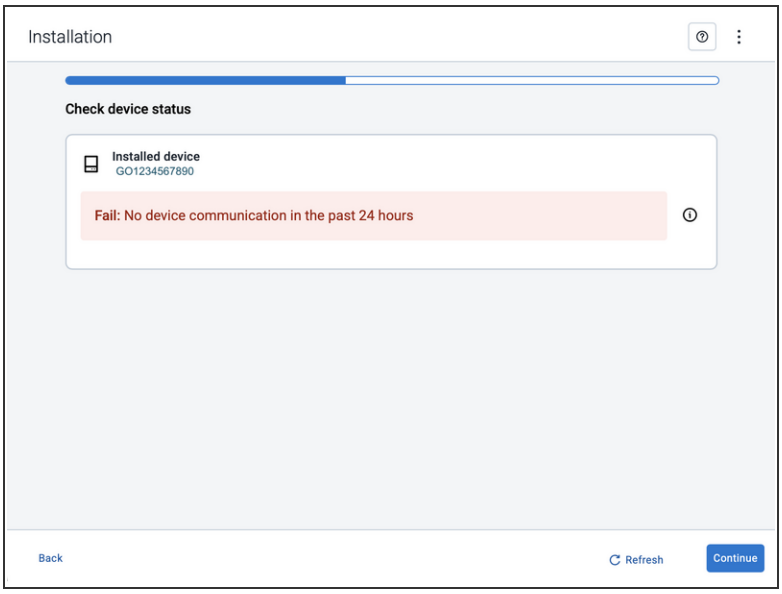

ⓘ Two options are available to enter the device serial number:

- 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.



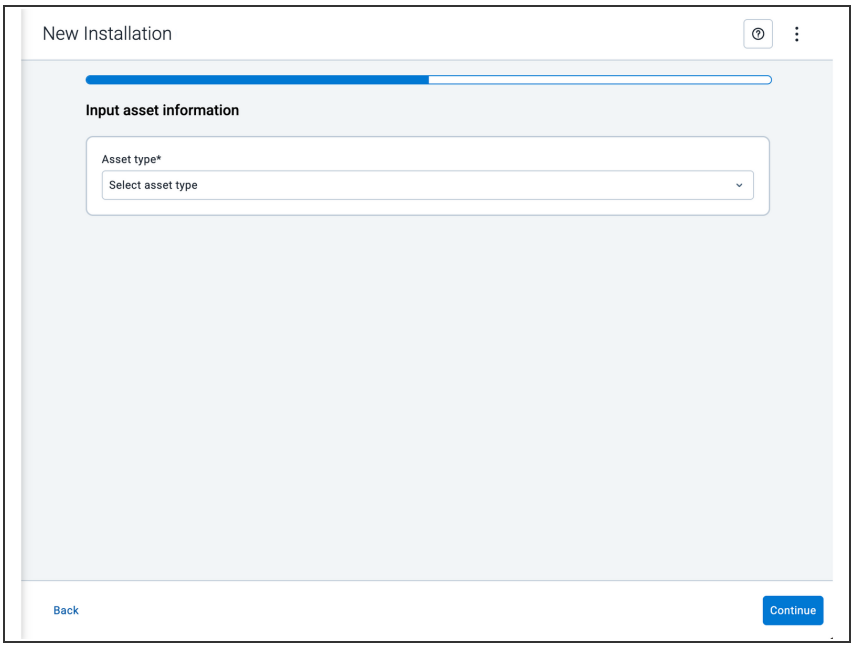

ⓘ Installed device

- **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.

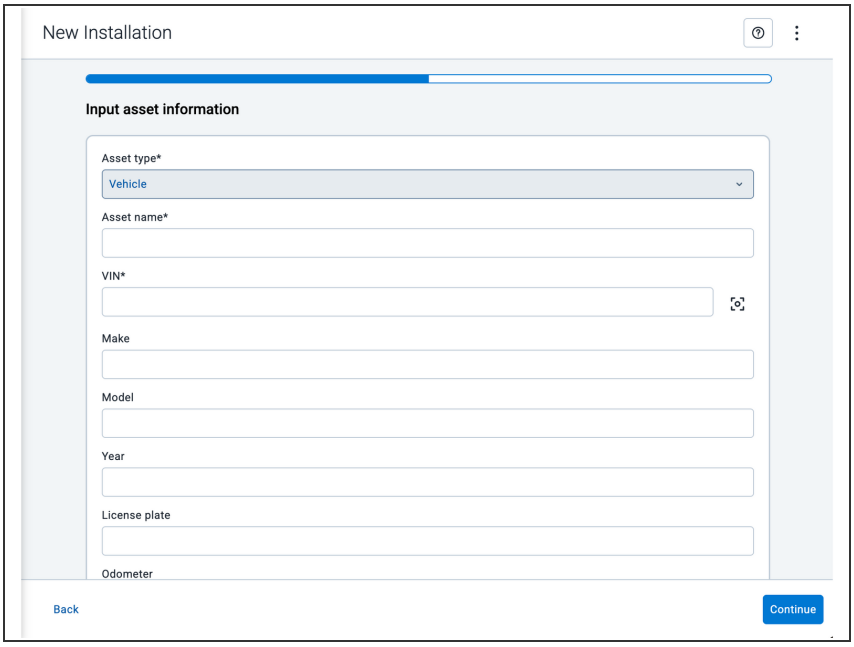
⚠ If the device status shows as ***FAILED***, verify the LED status and turn the ignition / engine off and on again.

ⓘ 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.

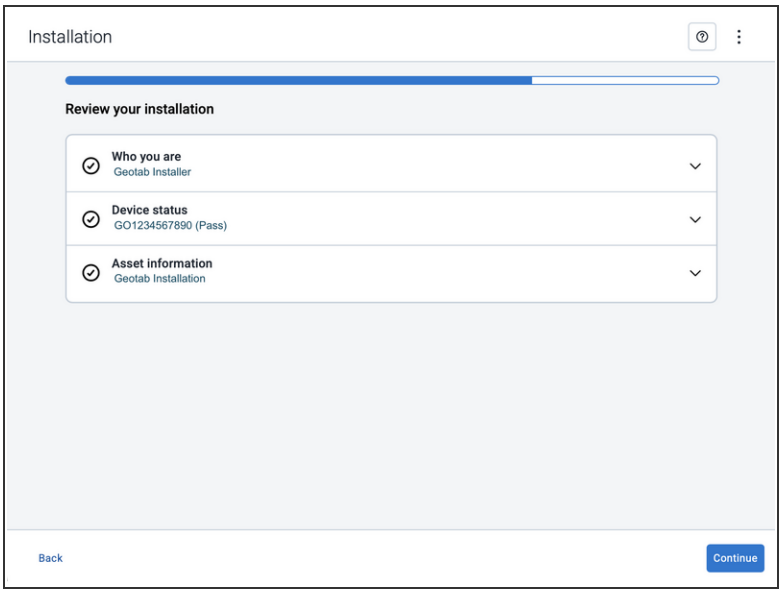


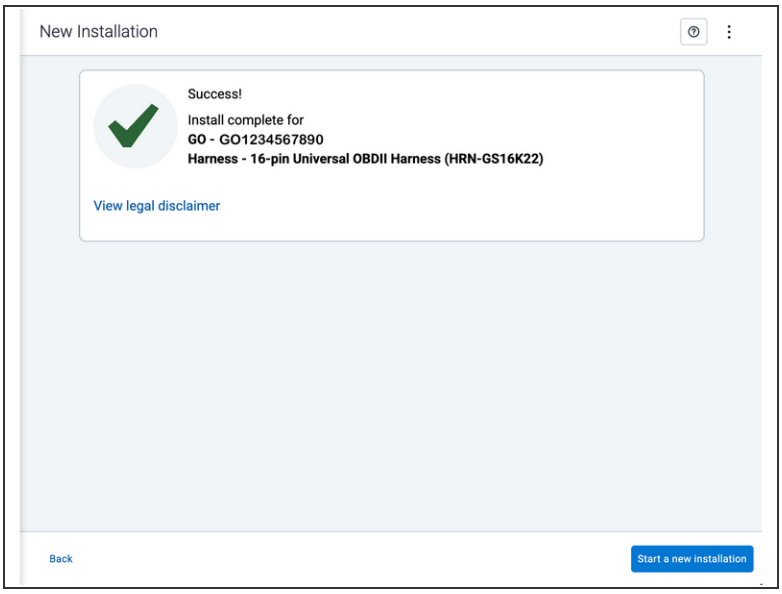

- **Asset name** — Enter the vehicle or asset name. This field is mandatory.
- **VIN** — Scan or enter the vehicle identification number (VIN). For scanning, select the scan icon **[O]** beside the field. This field is mandatory.
- **Make, Model, and Year** — This information will be auto populated when 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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