Driveri D-210 (2 Camera) Quick Connect

Link: https://help.wextelematics.com/installation-guide/driveri-d-210-quick-connect/ Last Updated: December 9th, 2022

The installation kit contains an installation guide, but please refer to this online guide as they differ, one Driveri D-210 device, one mounting bracket, one power cable with antenna, one AD-1/2/3, one diagnostic cable, eight 8” cable ties, and cleaning wipes.

App installation verification and registration is required, so please visit the App store on your smartphone and download the Driveri Installer App.

Driveri Installer

Additional tools and supplies you will need include dashboard panel removers, a smartphone, a digital multimeter, a cordless drill, 5/16” in. (8 mm) driver bit, a T10 and T20 security Torx bit, a side cutter, a heat gun, hand roller, electrical tape, a dry/clean/lint-free cloth, dry erase/wax tip marker and a tamper seal compound.

Installation Steps

The following steps provide an overview of the installation process:

1. Install Preparation.
2. Mounting Preparation.
3. Device Installation.
4. Verify and Registration.
5. Frequently Asked Questions.

Note. Driveri components MUST remain together; these parts are not replaceable or interchangeable. The ONLY interchangeable part is the diagnostic bypass cable.

1. Install preparation.

1. If applicable, all water/ice/snow should be completely removed from the windshield.
    A. If the outside temperature is 75 degrees Fahrenheit (24 degrees Celsius) or less, turn on vehicle defrost until the windshield is warm to the touch.
    B. Also, place the mounting bracket in defrost airflow to warm VHB tape.
2. Record the 8-digit device serial number (S/N) onto your paperwork.

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3. Remove a-pillar plastic and dashboard panels for harness installation.

4. Ensure the key is removed from the ignition, and using a digital multimeter, test for constant power at the port:

   A. **9-Pin Diagnostic Connector:** Place the positive probe on Pin B and the negative probe on Pin A.

   B. **16-Pin Diagnostic Connector:** Place the positive probe on Pin 16 and the negative probe on Pin 4.

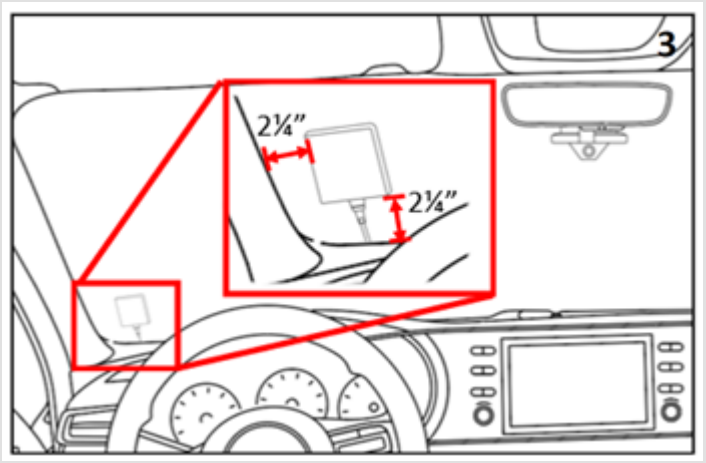
> **Note.** If the port does not provide 12 VDC and 17 VDC (+) when the vehicle is on or off (keys removed), has a master cut-off, or the vehicle is pre-diagnostic,

please follow the instructions listed in the Pass-Thru Cable Power Reroute Guide. If greater than 17 VDC (+), please see: GPSI-24VDC to 12VDC Voltage Converter.

2. Mounting Preparation.

Mounting location is dependent on windshield type. For other windshield types, please see FAQ section at the end of this guide.

Note. The preferred location of the cellular/GPS module is on the windshield's driver's side in the lower corner. Please see illustration below.



1. **Type 1:** Rear View Mirror (Standard)

    A. Clean bracket mounting area with Alcohol wipe.

    B. Wipe clean with clean dry cloth.

    C. From the bottom of the mirror anchor go ~1"in. down and place mark.

    D. Apply heat to burn off any leftover residue

Note. Excessive heat may cause delamination of the windshield or cracking. Continuously move heat gun to not apply heat in one area for too long.

2. Near the A-pillar, scrub the dashboard with alcohol wipes and wipe dry with a clean cloth.

3. Device Installation.

Note. On vehicles with large ADAS systems install the D210/D215 directly to the right, passenger side, of the system leaving just enough room to access the screw on the camera. Example of installation location featuring a D-400 Series camera shown below.

Mounting examples towards the passenger side (here right) of the CAV/LDW Device

1. **Bracket Mounting**

   A. Remove the plastic exposing the VHB adhesive.

   B. Apply heat to the tape. If using butane, lightly heat the bracket metal vs. the tape.

   C. Ensuring bracket is level, and left bracket arm is inline with windshield mark, press firmly to the windshield.

   D. Using a hand roller, roll the entire bracket applying firm pressure removing all air bubbles.

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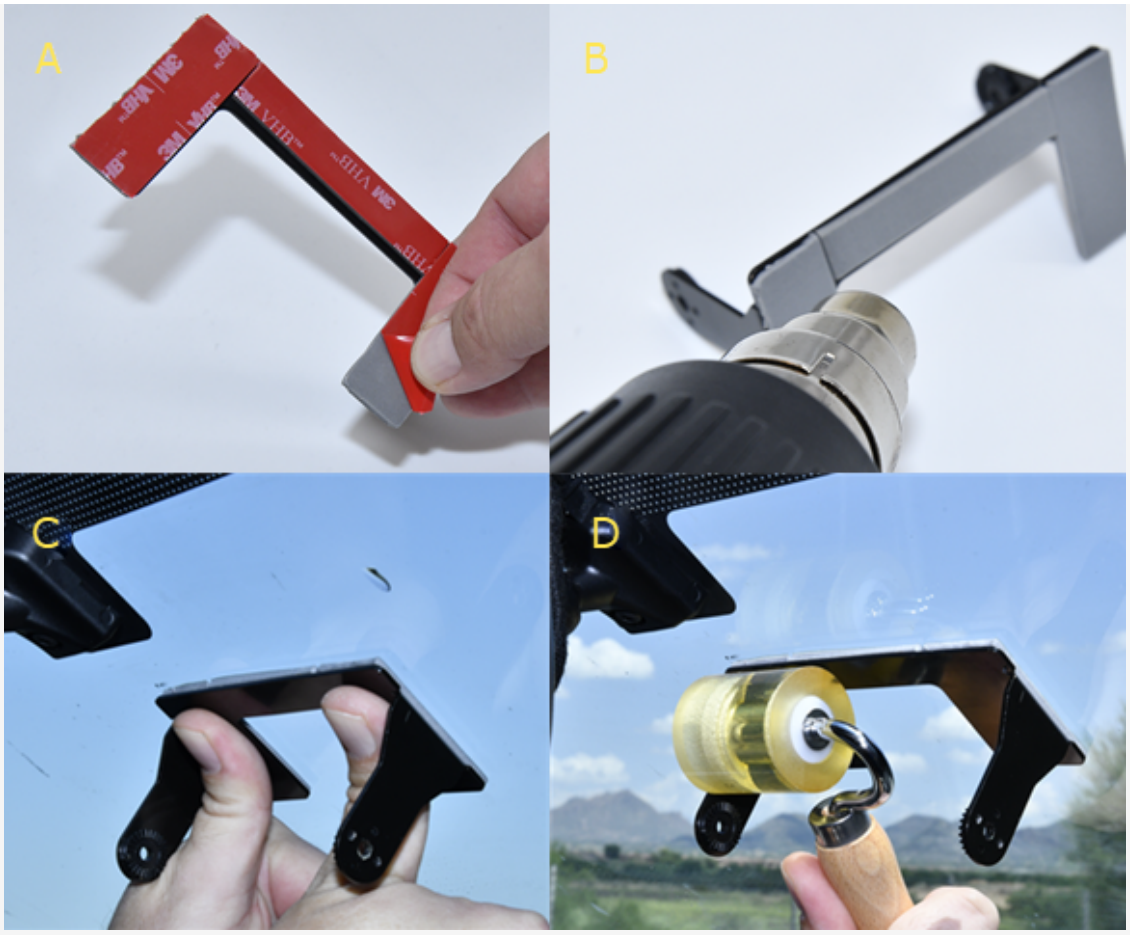
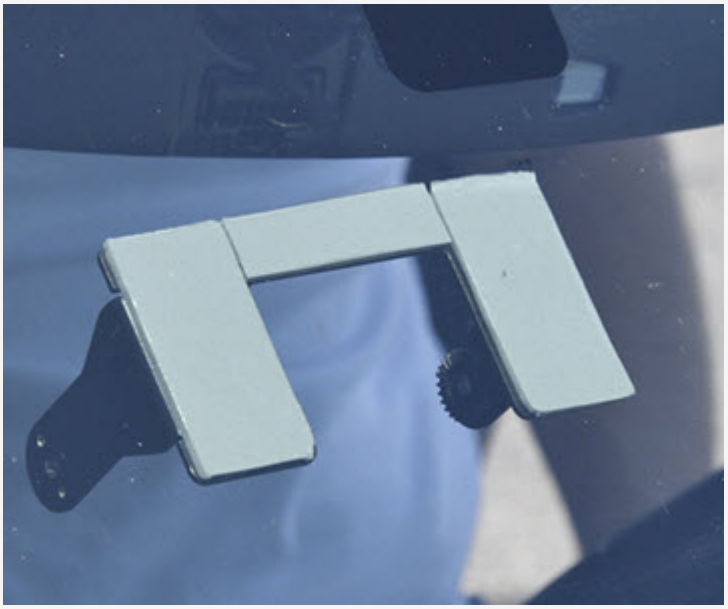


2. From outside the vehicle, visually inspect tape adhesion. There should be no air bubbles in the tape. If necessary, repeat the rolling process until required results are achieved.



Note. Mounting brackets are one time use and should be thrown away after removal.

Please contact your account manager for ordering additional mounting brackets.

3. **Device Mounting**

   A. Mount device in bracket and tighten screws finger tight.

Note. The internal-facing camera has a lens cover and an LED on both sides of the camera lens.

4. **Cable Routing**

   A. Route cable along mirror wires and secure with cable ties.

   B. Stuff cabling between vehicle roof and headliner.

   C. Secure cable along A-Pillar wires; behind airbag if applicable.

   D. Remove plastic exposing antenna VHB adhesive and press antenna firmly to dashboard.

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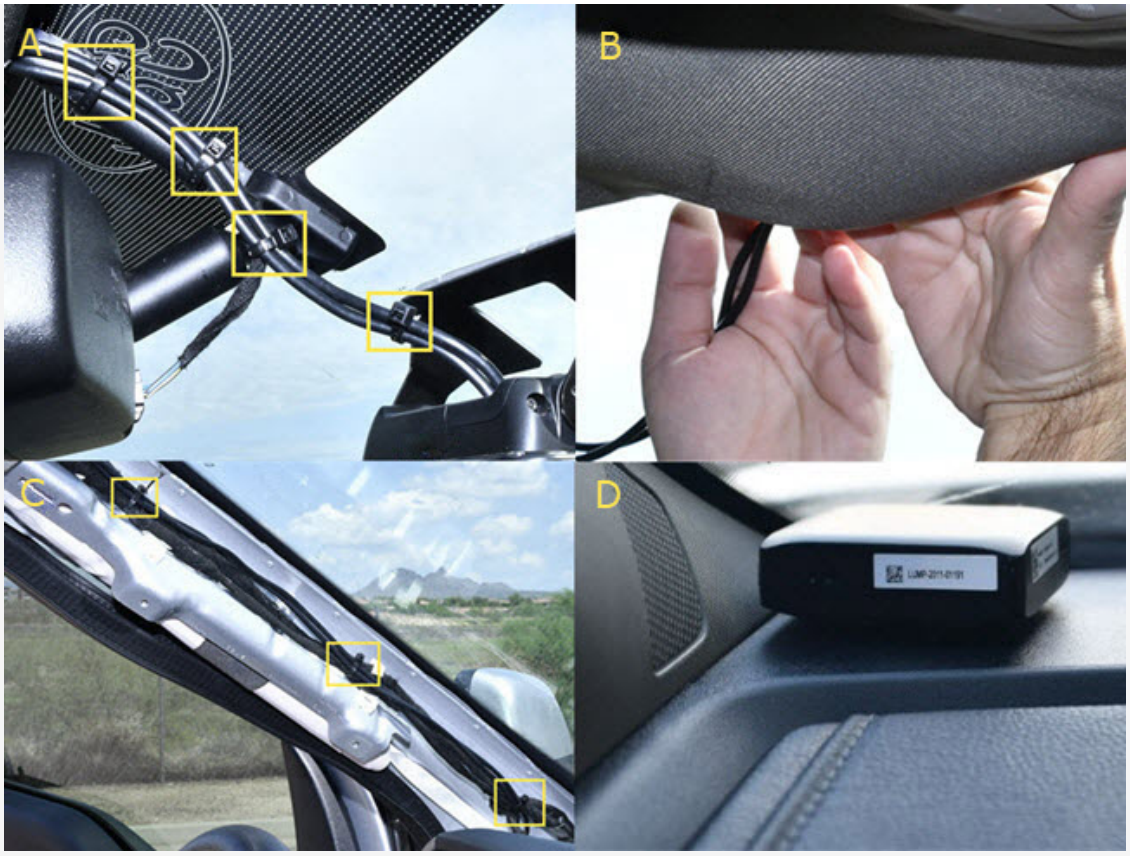
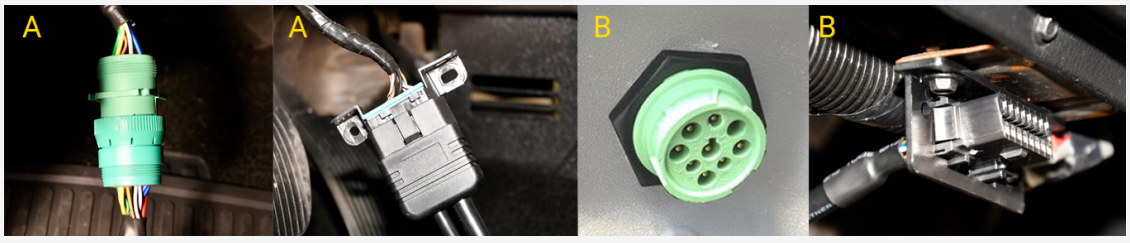


5. **Device Connections**

   A. Free up the existing diagnostic port from its current location in the vehicle and plug the pass-thru cable connector into the vehicle's diagnostic port.

   B. Mount the replacement diagnostic port.



   C. Connect device cable to AD-1/2/3 and then connect AD-1/2/3 to the Diagnostic Bypass Cable. Tape off spare white wire to existing harness as this wire is not needed in quick-connect installations.

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Device Direct Connect to Harness

Device Connect to OBD-II Extension Cable

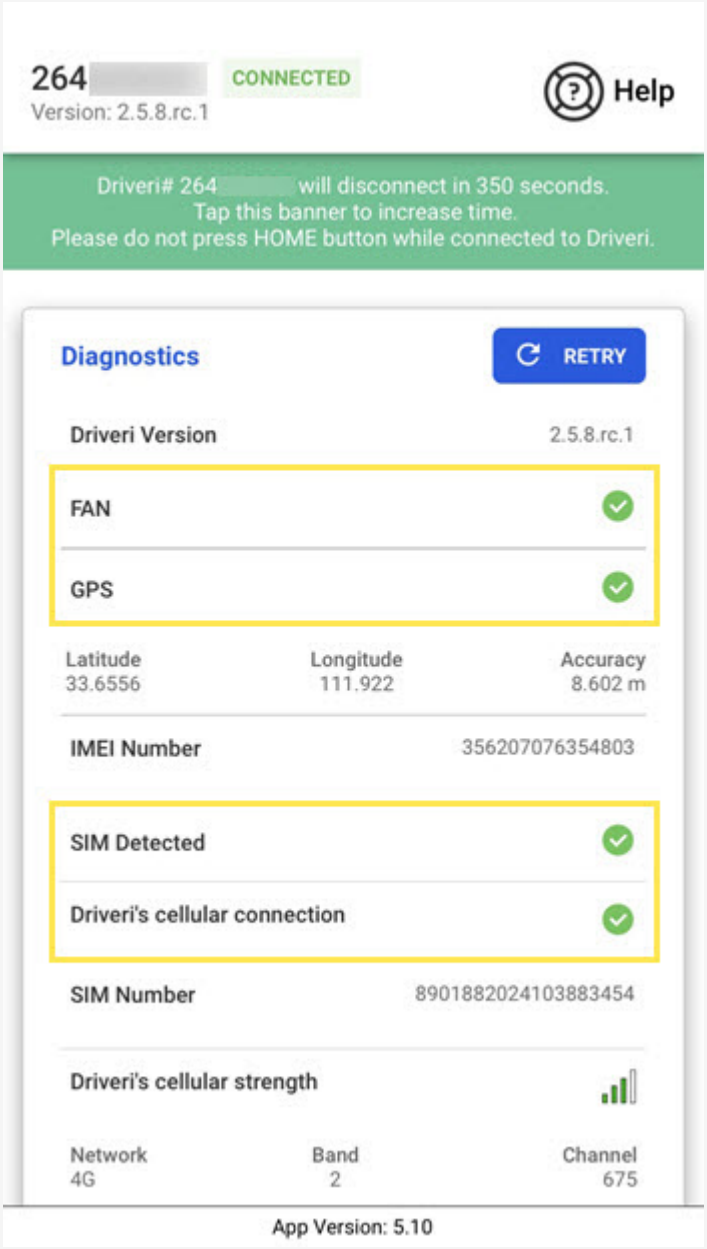
4. Verification and Registration.

1. Confirm LED lights are facing inwards, put both visors down, in the vertical position, and if applicable pull-out visor extensions.

Note. Unless instructed to leave lens cover on the device, please remove and place it

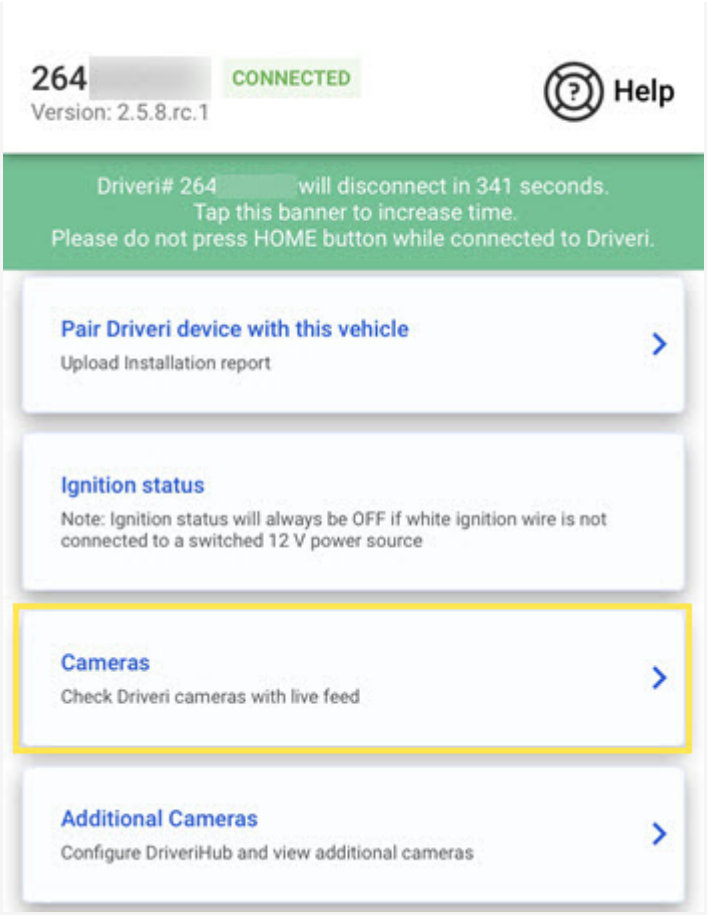
in the vehicle glove box.

2. With the vehicle Off, open the ‘Driveri Installer’ app and follow the prompts to connect the Driveri to your smartphone.



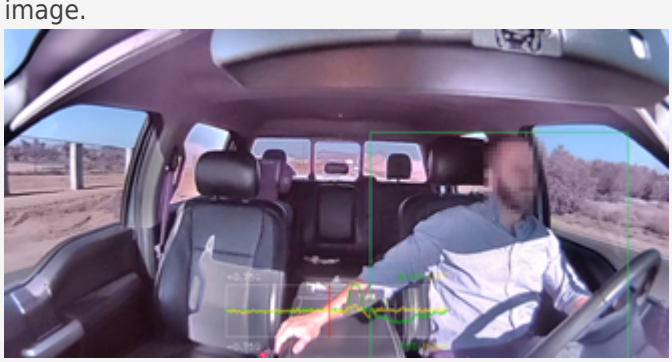
Note. If something does not pass, contact Technical Support for assistance.

3. Once paired, click ‘Cameras’ and verify the angles of both the Road and Driver facing cameras.



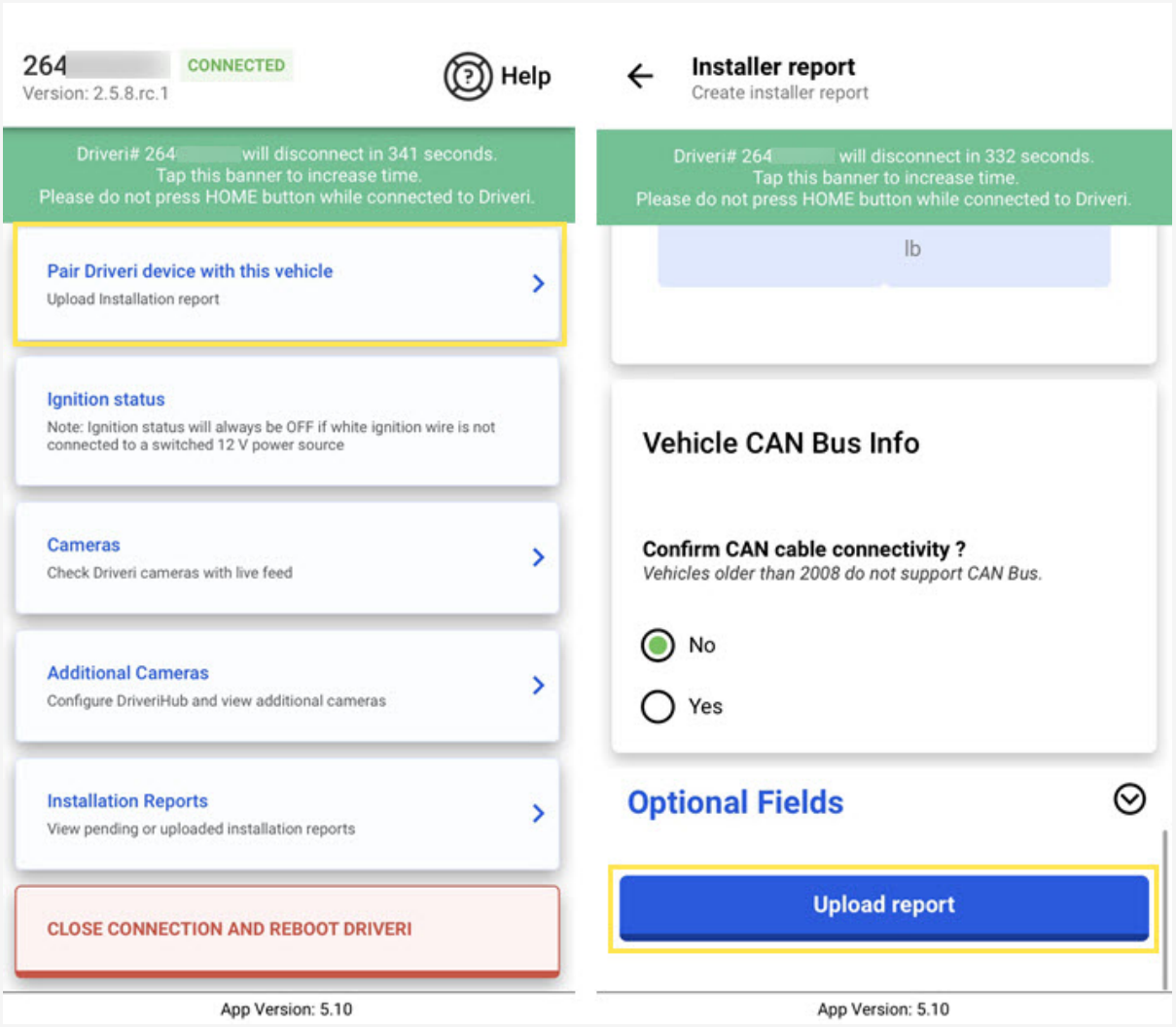
A. **Road Camera**: Small amount of vehicle hood should be in the image.

B. **Driver Camera**: Driver should be viewable from the waist up and visors do not impede image.



4. Tighten down the two mounting bracket screws and proceed.

5. Proceed to 'Pair Driveri with this vehicle,' populate all of the required information, then 'Upload Report.'



6. Press the Driver Alert button and wait 30 seconds before turning the vehicle off.

7. Cable tie any loose cables to existing wires, cable tie fuse holders and if available apply tamper seal to all connections.

5. Frequently Asked Questions.

LED Status	Description
LED1 is flashing RED and LED2 is off.	Device is booting up.
LED1 is GREEN and LED2 is off.	There is an error. Please contact your GPS Administrator.
LED1 is GREEN and LED2 is GREEN.	Privacy mode is off. The driver-facing camera is on and recording.
LED1 is GREEN and LED2 is RED.	Privacy mode is on. The driver-facing camera is off and not recording.
LED1 is off, solid RED, or flashing RED for more than 30 seconds and LED2 is also off for more than 30 seconds.	There is an error. Please contact your manager.

Other Windshield Types

As you proceed, please be aware that both visors should be down. If the mounting location is obstructed by visor or visor extension, the camera mounting location should be adjusted as shown below.

- Type 2: Rear View Mirror (Sensor Housing/Large Trim): Right side of housing/trim with bracket bottom the same level as housing.

- Type 3: Without Rear View Mirror: Top center, ~4-6”in. down and 6″in. right of center windshield.

- Type 4: Angled/Split Windshield: Right windshield, down ~4-6” down from roof and ~1”in right of the center divider.

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