POWERFLEET®
People Powered AIoT

Version 1.0

For video instructions access the Vision setup page

Vision 2.0

Installation Guide

Table of Contents

1 Getting to know your new Vision 2.0 Camera

The Vision 2.0 Camera is designed to operate in harsh automotive field environments, withstand shocks and vibrations, and function reliably under broad-road temperatures.

Roadside camera lens should be facing outside the cabin.

Driver-side camera lens should be facing inside the cabin.

2 Cables

The OBD end from the camera plugs into your OBD Y cable labeled Dashcam. This allows for a clean and covert installation without cables interfering with leg space. Heavy-duty 9 Pin cables also come with OBD connection ends labeled Dashcam for your Vision 2.0 Camera and Fleet Tracker for your Fleet Tracking solution.

OBD2 cable included

OBD II Extension (Cable sold separately)

Heavy Duty Extension Cable (Cable cannot be removed)

3 Before you start

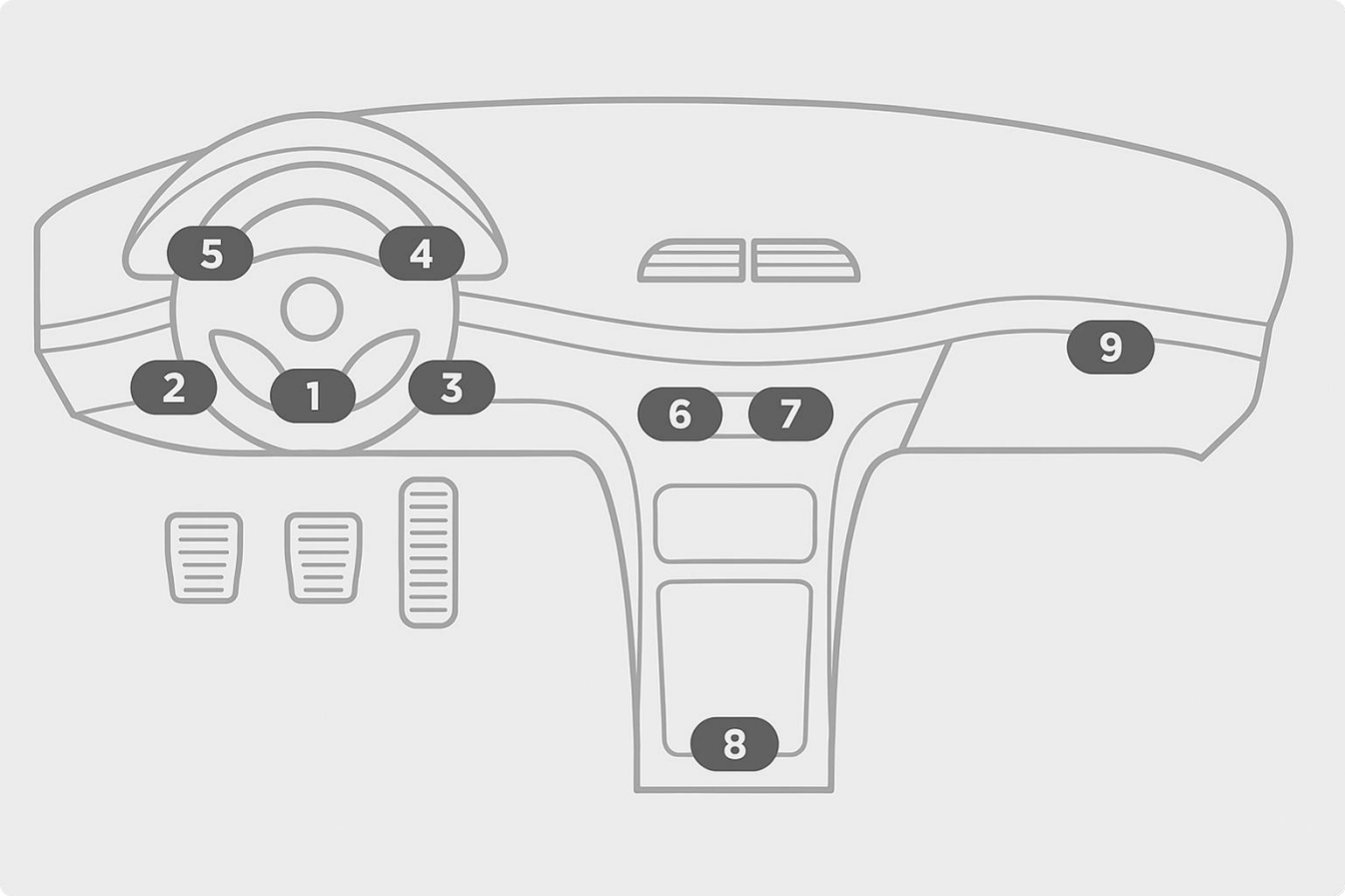
Before mounting your Vision 2.0 Camera, ensure that you have wiped the windshield area with a dry cloth. If you notice dirt or particles stuck to your windshield, wipe the windshield area clean with a damp cloth and then wipe it again with a dry cloth. A dry and clean windshield surface area ensures a secure mount via the adhesive mount strips located underneath your mount arm.

Peel the red tape from your adhesive mount strips ONLY when you are ready to mount your camera. DO NOT leave the adhesive open to debris once the red tape is peeled off (this could create a bubble effect in your adhesive mount and lessen the duration of a long-term mount).

Remove the plastic cover from the cabin view and road facing lens.

4 Locating your Diagnostic Port

The diagnostic port can be found in various locations but is most commonly under the driver's steering wheel. See other possible locations in the image below, from 1 (most common) to 9 (least common).



5 Mounting your Vision 2.0 Camera

For optimal performance and visibility inside and outside the cabin, mount your Vision 2.0 Camera on the driver's side beside the rear-view mirror and ensure the cabin view lens is below the rear-view mirror.

- Ensure Vision 2.0 Camera is not obstructing your view of the road.
- Make sure the driver camera and road camera are not obstructed by objects hanging from your rear-view mirror.

6 Camera Positioning

- Mounting the camera towards the driver side is recommended. Driver monitoring functionality is compromised if the camera is mounted closer to the passenger seat than the driver's seat.
- For optimal view, ensure the camera is positioned vertically. Vertical positioning is dependent on the vehicle's windshield angle.
- Ensure the sun visor in your vehicle's driver side is not obstructing your cabin view lens. A good practice is to drop your sun visor before mounting your camera to ensure the lens is just underneath the visor.

Green – Optimal
Yellow – Good
Red – Bad

The correct camera positioning and alignment is critical to ensure optimal product performance.

Pro tip: Use the Vision app installer mode to preview the camera positioning

7 Installation

- Once your camera is securely mounted to your windshield, connect your OBD Y cable labeled Dashcam to your Vision 2.0 Camera OBD and your OBD Y labeled Fleet Tracker to the vehicle OBD port.
- Ensure the cable coming from the camera is fastened around the frame of your windshield and is not obstructing your view of the road.
- OBD installs require that your engine is turned on once the device is connected to give power to the camera.
- Give the camera 3 minutes to power on once it is plugged into your OBD port and before beginning your first trip.

Still have questions? Access the Vision setup page

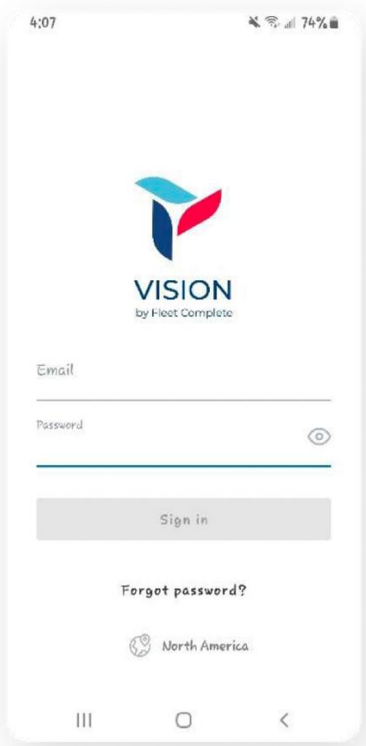
8 Download the Fleet Complete Vision App

Download the Fleet Complete Vision app from Google Play store, link below:

https://play.google.com/store/apps/details?id=com.fleetcomplete.vision&hl=en_CA&gl=US

- Your Fleet Complete Administrator needs to create an account for you if you do not already have one.
- Once your account is created, log in via your mobile Android phone by filling in your email and password and pressing Sign-in.

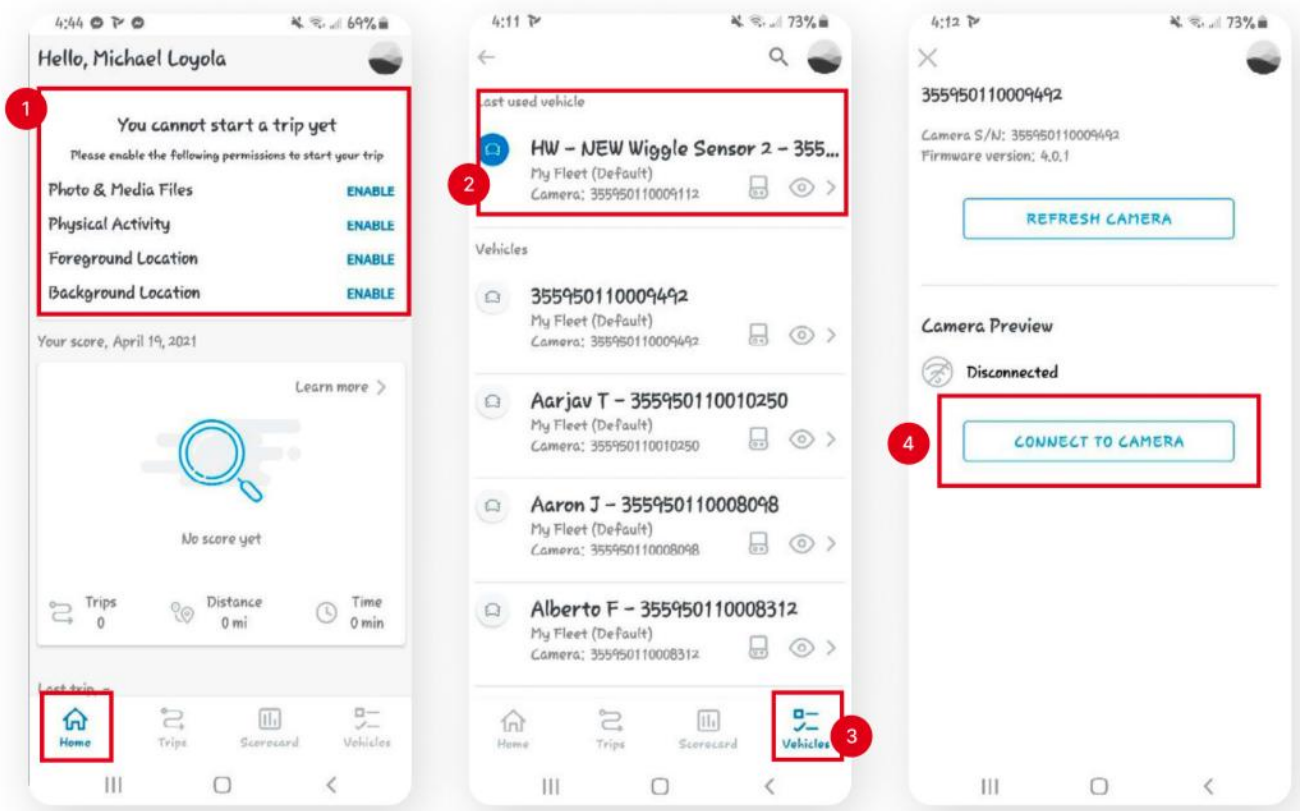
* Available for Android only



9 Camera Alignment using Fleet Complete Vision App

Once successfully logged in, notice four buttons at the bottom of your Vision App: Home, Trips, Scorecard, and Vehicles. Ensure your mobile Android phone has Wi-Fi enabled, then follow the steps below to use these buttons to connect your camera to the app.

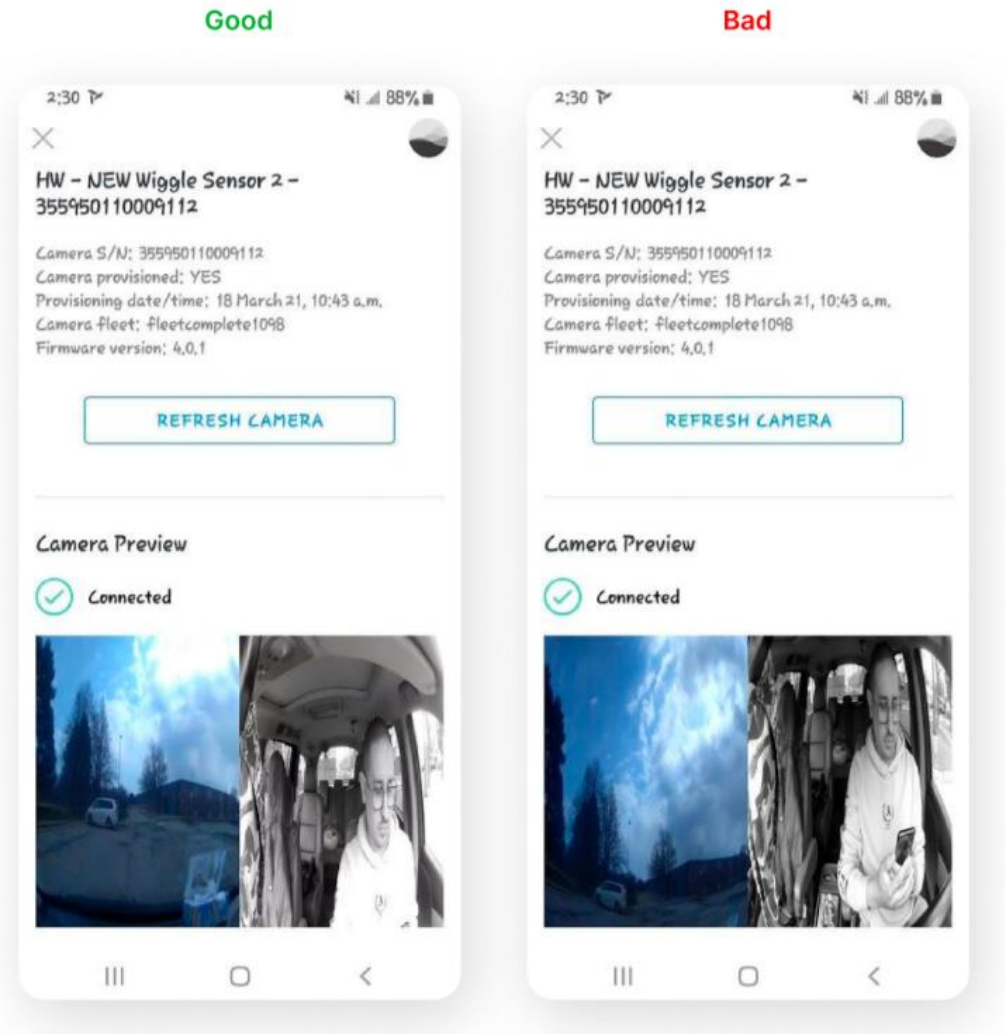
1. From the Home screen, be sure to enable ALL necessary permissions and agree or allow all permission prompts (Important: do not proceed without ensuring you have followed this step).
2. Tap on the Vehicles button.
3. Select your camera from the Vehicles list.
4. Tap on the Connect to Camera button. Within seconds, your camera should connect



10 Camera Alignment using Fleet Complete Vision App

The Fleet Complete Vision App's dual-facing view allows you to see the roadside and cabin-facing view.

- Using the Camera Preview as reference, adjust your camera as needed by following the camera alignment steps stated previously to ensure you have a good view of the road without too much sky.



11 Driver View

The Fleet Complete Vision App's dual-facing view allows you to see the roadside and cabin-facing view.

- Using the Camera Preview as reference, adjust your camera as needed by following the camera alignment steps stated previously to ensure you have a good view of the road without too much sky.

Proper mounting in a vehicle

The camera is in the center, providing a good view of the driver.

Poor mounting in a vehicle

The camera is closer to the passenger than the driver.

12 Road View

Proper mounting

The horizon line is in the middle of the frame.

Poor mounting in a vehicle

There is too much sky in the frame.

The horizontal line (denoted by red) should be in the middle or upper half of the image so that the camera sees enough of the road and is not looking mostly at the sky.