

SafetyCam Installation Guide



azūgaTM
a Bridgestone Company

www.azuga.com

Table of Contents

3	OVERVIEW
3	WHAT'S IN THE BOX?
4	REVISION HISTORY
4	INSTALLATION-OBD II
5	INSTALLATION-SAFETYCAM
7	POWERING SAFETYCAM
8	SECURING THE DL DEVICE
9	PAIRING



Overview

The SafetyCam works in conjunction with a Plug-and-Play GPS Tracker in the vehicle. It works with a 4G-LTE device (OBD II) in case you have an older device that works on a 3G network, replacement is required.

Note: 3G/4G can be determined on the Azuga web portal below ADMIN>>DEVICES. If the product code starts with **DCM970** you have the correct device that works with Safetycam.

What's in the Box?

1. OBD II
2. OBD Y cable
3. JBus Y cable*
4. Power cable



*Jbus cables may vary in color or pin configuration from the one shown in this diagram

Safetycam



Mirror mount holder.



Note: Mirror mount installation is recommended.

Important:

By any of the following methods, the SafetyCam can be mounted on your vehicle.

- Mirror mount
- 3M adhesive tape holder
- Suction cup holder

Based on the customer selection, the hardware in the box may vary.

For additional details reach out to customercare@azuga.com

Note:

Vehicles with a 16 pin diagnostics port, 2 OBD Y cables are supplied.

Revision History

Date	Revision	Comment
May 2021	Version 1	Initial Version
January 2022	Version 2	Added Imaging in Installation-OBD II section

Installation-OBD II

OBD-II or JBus device plugs into the vehicle's diagnostic port; the cable attached receives the digital input (ON/OFF) and transmits it to the device that reports to the Azuga cloud.

Follow the below steps to install OBD-II to the Vehicle's diagnostic port:

1. Switch off the vehicle or the unit on which the installation is performed.
2. Identify the wire interfaces with sensors that provide a constant voltage input to the Azuga device.
3. Couple this wire and the red wire from the Azuga device on one end.
4. Map the device to the vehicle.
5. Plug the other end of the coupled cable to the vehicle's diagnostic port to form the OBD-II or JBus connection to the vehicle.
6. Setup is initialized and power is received once the LEDs on the Azuga device starts flashing.



Note: some vehicles like Volvo's after 2014 use a 16-pin diagnostics port. If that is the case, you will be supplied with 2 OBD Y cables. Please, use the extra OBD Y cable as you would the Jbus Y Cable in box 1.

Installation-SafetyCam

SafetyCam and OBD devices are generally paired and shipped together.

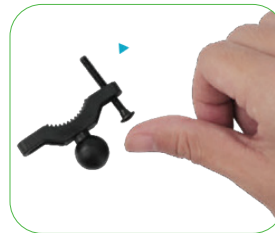
Important: Refer Pairing section(Page-8), if the SafetyCam and GPS/OBD are not shipped together.



Option 1 - Mirror Mount (Recommended)

1. Insert one screw into the slot of the lower half of the clip and install the silicone rubber pad as shown.

2. Mount the upper half of the clip and tighten the screw with the butterfly nut.



3. Install the other screw as shown and mount the clip on the rear-view mirror of the vehicle.



Important: 2 sets of screws are attached, one set is long and the other is short. Choose the suitable set that fits your vehicle.



4. Tight the clip using the butterfly nut.

5. Now, mount the clamp to the attached clip as shown.



6. As the mount is installed on the rear-view mirror, Take the connector and attach one end of it to the mount.

7. Insert the Safetycam to the other end of the connector.

Option 2 - Using 3M Mount Tape

1. Clean the mounting location with the provided alcohol wipes.
2. Ensure the mounting location is clean and dust-free. **Note:** Install the mounts under normal temperature (Not high/low).
3. Take the mount and insert the holder into Safteycam.
4. Peel off the 3M tape cover.
5. Stick the mount with Safteycam as high as possible on the driver side of the windshield.



Important: The installed Safteycam should not obstruct the driver's view.



Option 3 - Suction Cup Holder



Important: The installed Safteycam should not obstruct the driver's view.

1. Clean the mounting location with the provided alcohol wipes.
2. Ensure the mounting location is clean and dust-free.
3. Take the suction mount holder and insert it into the slot in Safteycam.
4. Stick the mount with Safteycam as high as possible on the driver side of the windshield.

Powering SafetyCam

Option 1 – OBD-II Power cable

- | | | | |
|--|--|--|---|
| 1. Plug the Y cable into the OBD port. | 2. Route the SafetyCam AI power cable using the provided tool and adhesive cable holders | 3. Plug the SafetyCam AI power cable into one end of the Y cable, which is connected to the OBD port | 4. Plug the other end of the Y cable into the OBD-II device |
|--|--|--|---|

Option 2 – Hard-wired

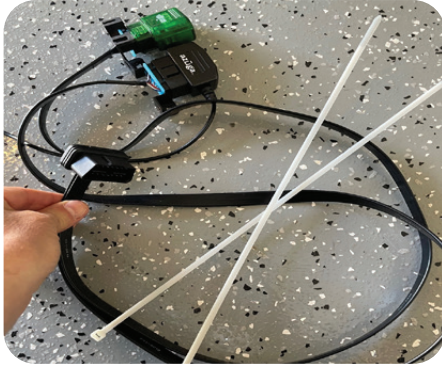
- | | | | | | |
|---|--|--|---|--|--|
| 1. A hardwire kit and an Add-a-fuse kit are required. | 2. Locate the fuse box and remove the panel to access the fuses and slots. | 3. Locate a fuse that has constant (usually red) power even when the vehicle is off. | 4. Connect the RED wire to the hot wire or battery. | 5. Connect the BLACK wire to the chassis ground (Ground wire). | 6. Connect the YELLOW wire to the fuse box or the ignition line. |
|---|--|--|---|--|--|

Important: Ground wire is generally ring-shaped or C-Shaped. The yellow wire is recommended to connect to the fuse. No power feed, if you place them in the wrong order.

Option 3 – Cigarette Lighter Adapter (CLA)

- | | | |
|--|--|--|
| 1. Plug one end of the USB cable into the Safetycam. | 2. Route the SafetyCam power cable using the provided tool and adhesive cable holders. | 3. Plug the other end of the USB cable into the CLA. |
|--|--|--|

Securing the DL Device



STEP 1

Plug the green Azuga device and camera power cable into the black Y cable, as shown in the top of the diagram.

The single end of the Y cable being held in the diagram goes into your vehicle's OBD port. If you have a JBus port, plug the single end of the Y cable into the JBus adapter cable.

Please note, your Azuga box should contain tie wraps, don't lose these as you will need them.

VERY IMPORTANT

The Azuga device detects crashes. To avoid crash notifications being sent when there is no crash, be certain the green device in the picture is tightly fastened to something secure under the dashboard.

STEP 2

- After plugging your Y cable into your vehicles OBD port, fold up the excess Y cable.
- Find something secure under the dashboard to fasten this cable to. See B in diagram.
- Use one of the tie wraps included in the Azuga box and tighten securely.



Its always good to trim the excess tie wrap after tightening.

STEP 3

- Locate the longest tie wrap in the Azuga box and feed it through the hole on one side of the black cable that should now be plugged into the green Azuga device. See A on diagram.
- Thread the tie wrap around the secure location used in step 2. See B on diagram.
- Next, feed the tie wrap through the hole on the other side of the green Azuga device. See C on diagram.
- Finally, tighten tie wrap until the green Azuga device feels secure, as show in the diagram.

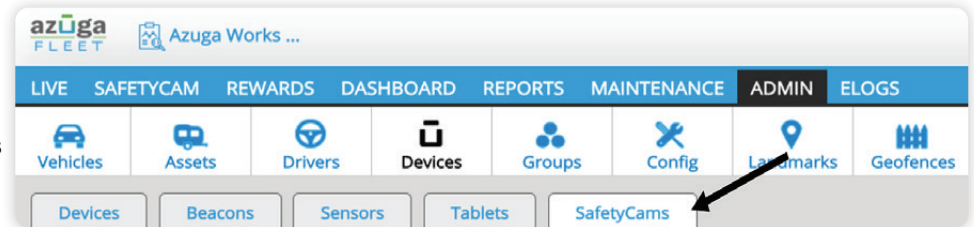


Remember, Its always safer to trim the excess tie wrap after tightening.

Pairing

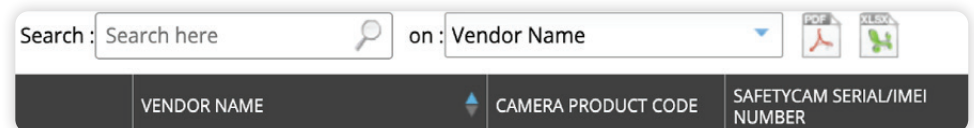
If the GPS/OBD and the SafetyCam AI are not shipped together, or if required to change the pairing, follow the below steps:

1. Open the Azuga Fleet web application and navigate to ADMIN > > Devices > > SafetyCams



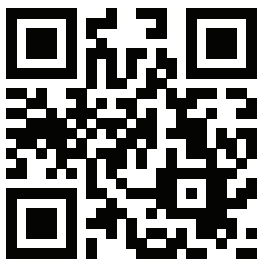
Note: You should have received a Welcome to Azuga email containing your login credentials. If you did not receive this email, please request this email from customercare@azuga.com

2. Search your SafetyCam and click the Edit icon (Pencil button).



3. Select the associated vehicle to integrate with the SafetyCam from the Associated Vehicle dropdown.

4. Click the Update SafetyCam button and the pairing is completed.

A screenshot of the 'Update SafetyCam' form in the Azuga Fleet web application. The form includes fields for Vendor Name (SmartWitness), Product Code (CP1), SafetyCam Serial Number (n457676), Recorder Id (zDW), Description, SFDC Case, and Associated Vehicle (Select). The 'Update SafetyCam' button is highlighted with a black arrow. There is also a checkbox for 'Always pair only with this vehicle'.

Note: For more guidance check out our installation video on YouTube <https://youtu.be/i7j2zK4r1BY>

For any queries and support, reach out to customercare@azuga.com