



## User Guide

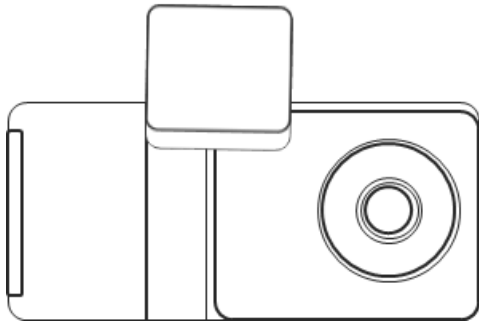
Rastrac Net, Inc.  
12741 Research Blvd., Suite 500  
Austin, TX 78759

(512) 918-0700  
[www.rastrac.com](http://www.rastrac.com)  
[sales@rastrac.com](mailto:sales@rastrac.com)

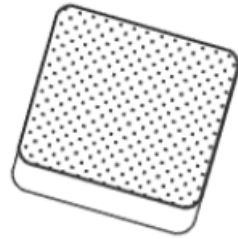
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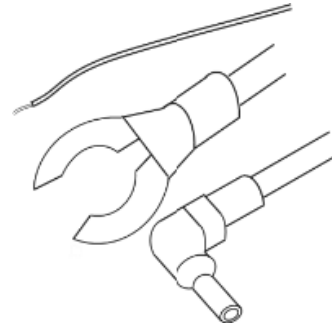
## *What's in the Box?*



RastracVision Camera



Mounting bracket



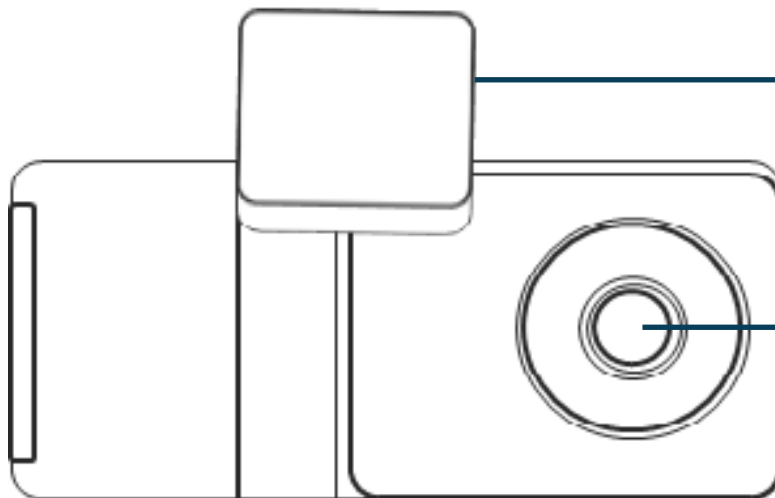
Hardware kit



Proprietary screwdriver

## *RastracVision Features*

Road-facing camera

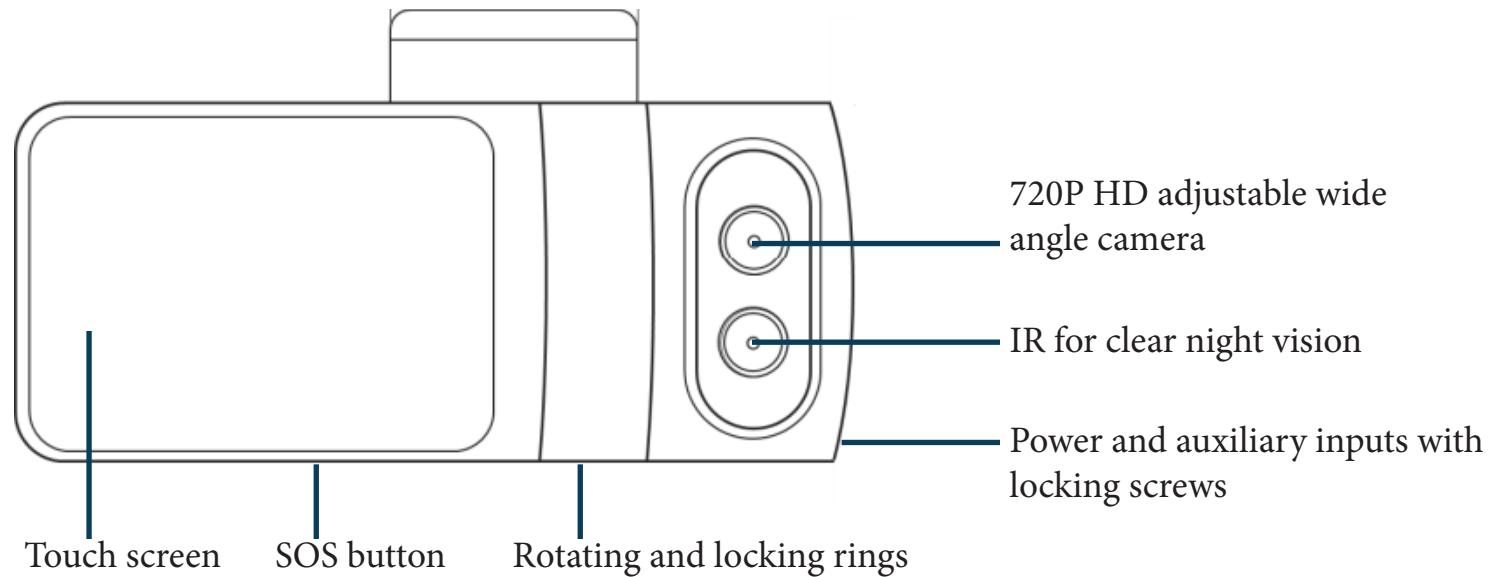


Mounting bracket slot

1080P HD adjustable 140°  
angle camera

Tamper resistant cover for  
SIM and SC card slots

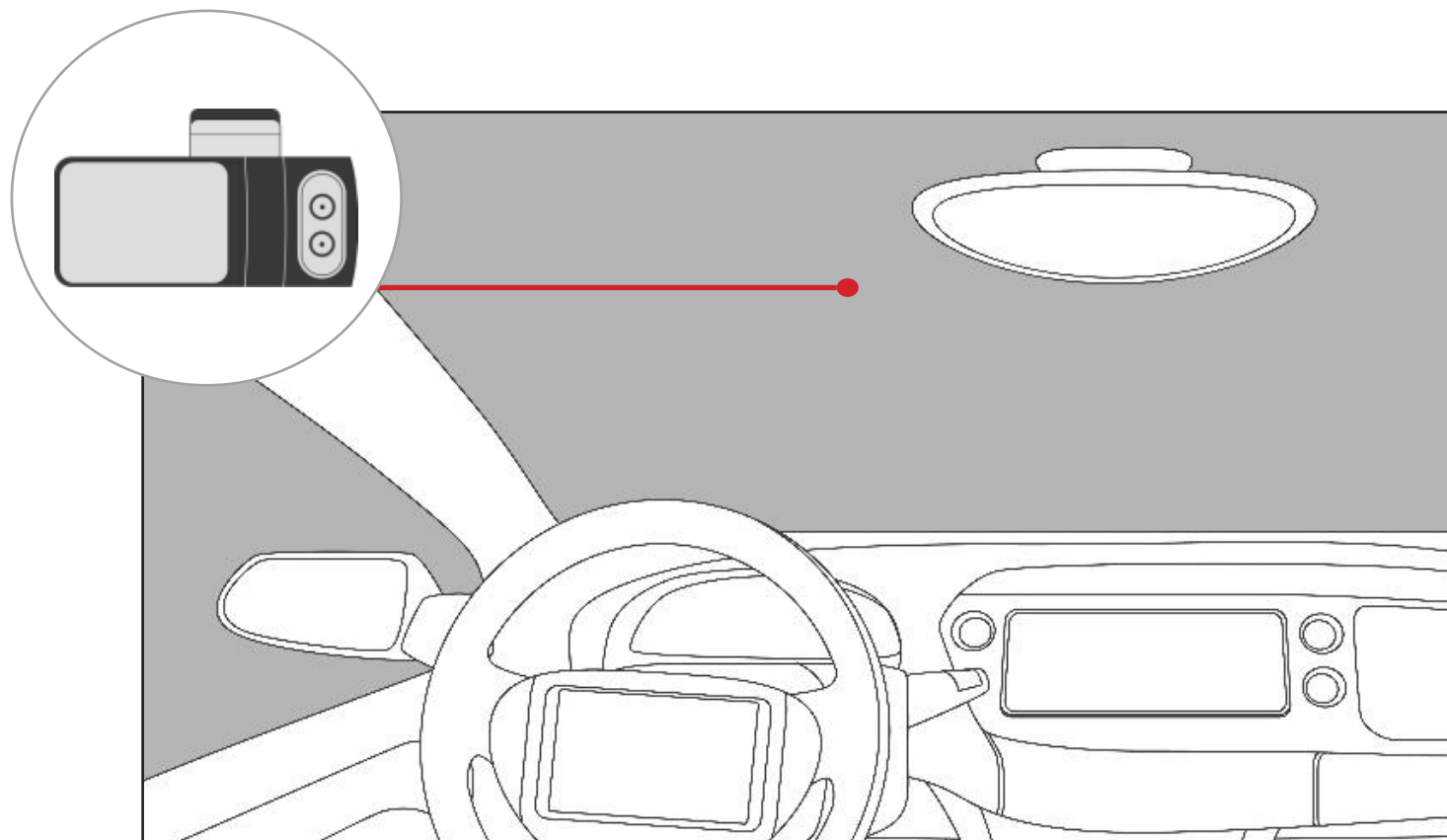
## Cabin-facing camera



## *Install RastracVision*

Before you start, make sure that the vehicle is parked on a level surface and that the windshield is clean and dry.

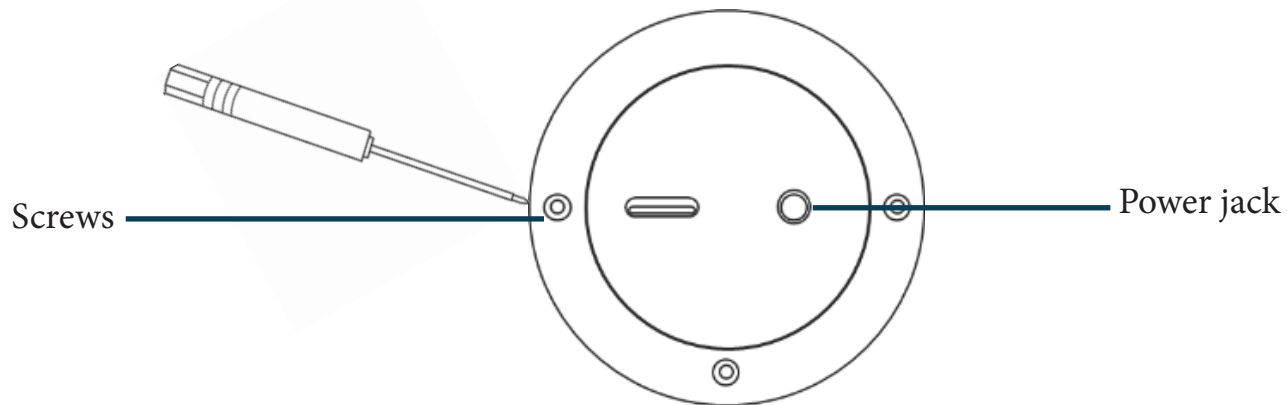
- Unscrew the safety screws that lock the tamper proof case using the specialty screwdriver.
- Attach the mounting bracket onto the camera.
- Remove the 3M adhesive tape cover, and mount the camera to the windshield.



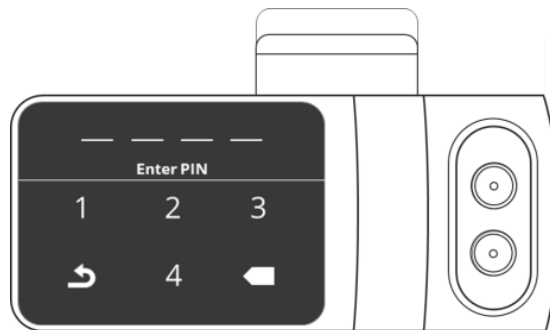
**⚠ DO NOT INSTALL THE PRODUCT WHERE IT CAN OBSTRUCT THE DRIVER'S FIELD OF VISION.**

## *Adjusting the Viewing Angle of RastracVision*

- Dismount the camera from the mounting bracket on the windshield. Make sure that the mounting bracket is not attached, as it locks the camera into position.
- Use the screwdriver to loosen the three security screws on the round side of the camera. Do not remove the screws fully.
- Adjust the viewing angle by rotating the body of the camera and lock the three side screws when complete.



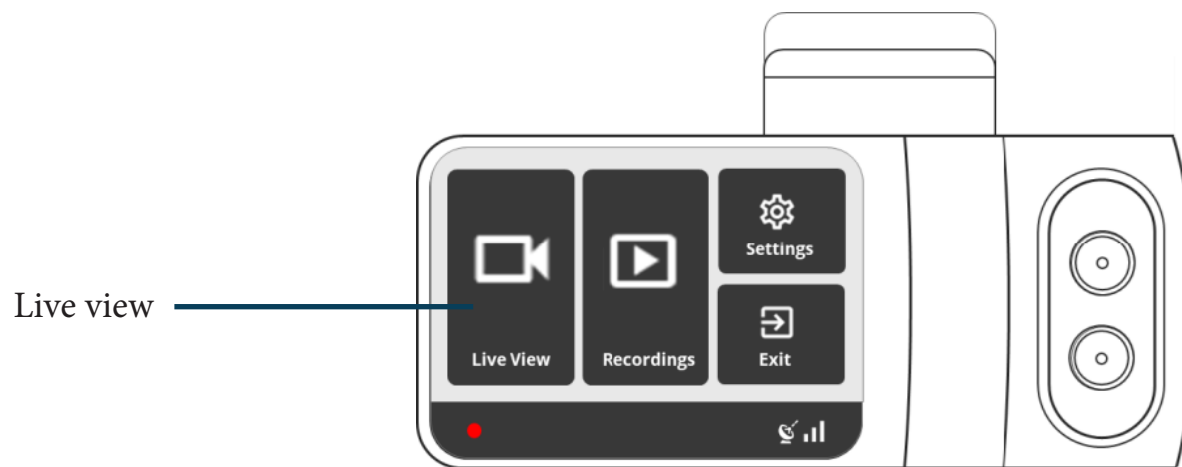
- Mount the camera back onto the windshield.
- Connect the camera to a power source (see page 8). The camera will turn on automatically.
- To unlock the camera touch screen, enter a default PIN number 3333 (see page 8).



- On the main screen, enter the “Live View” mode.
- Use the “Live View” to direct the road facing camera and the cabin facing camera to the proper direction. You can use the arrow keys to switch between the views.
- Dismount the camera from the windshield and screw in the security screws all the way. Mount the camera back on the windshield.



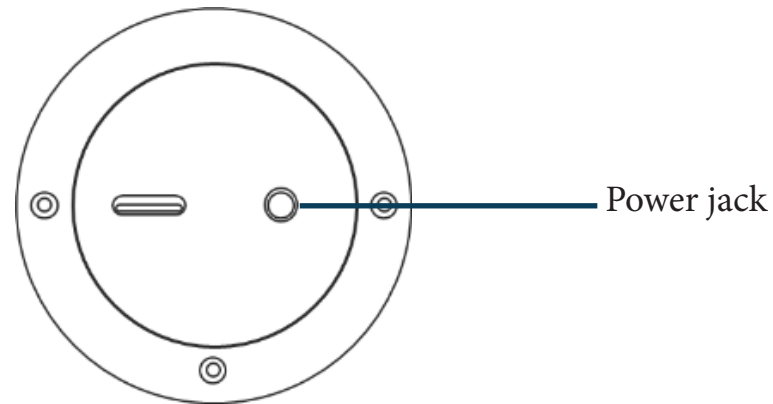
Arrow keys to switch between the views



Live view

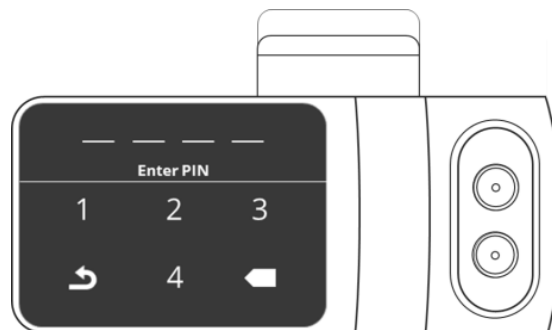
## *Connect RastracVision to a Power Source*

- RastracVision may only be connected to a power source using the supplied cables.
- The camera's cylinder side is where the power connector is located.
- If using the USB cable as the power source, it must provide 5V DC and at least 2A.
- In order to utilize the full features of the camera, it must be connected to a constant 12v power source.



## *Access the Settings Menu*

- Press the camera's touchscreen.
- Enter the default PIN number 3333.
- The camera is now unlocked and the Settings menu is now accessible.





## *Calibrating RastracVision's Sensors*

RastracVision contains an internal accelerometer that detects unsafe driving events. The accelerometer is not calibrated in advance as the installation in every vehicle is different. Please follow the following steps to calibrate the accelerometer. Before you start, make sure that the vehicle is parked on a level surface.

- Turn on the vehicle's ignition.
- Check that the camera is on.
- Press the touchscreen and enter the security PIN.
- Enter in the "Settings" menu.
- Select "Calibrate"

*The calibration process takes about a second once completed.*

*Note: Recalibration is required in case of transferring the dashcam to another vehicle.*

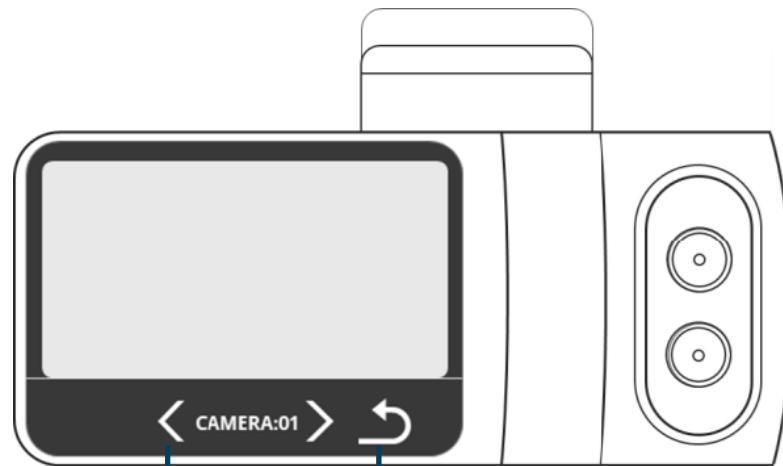
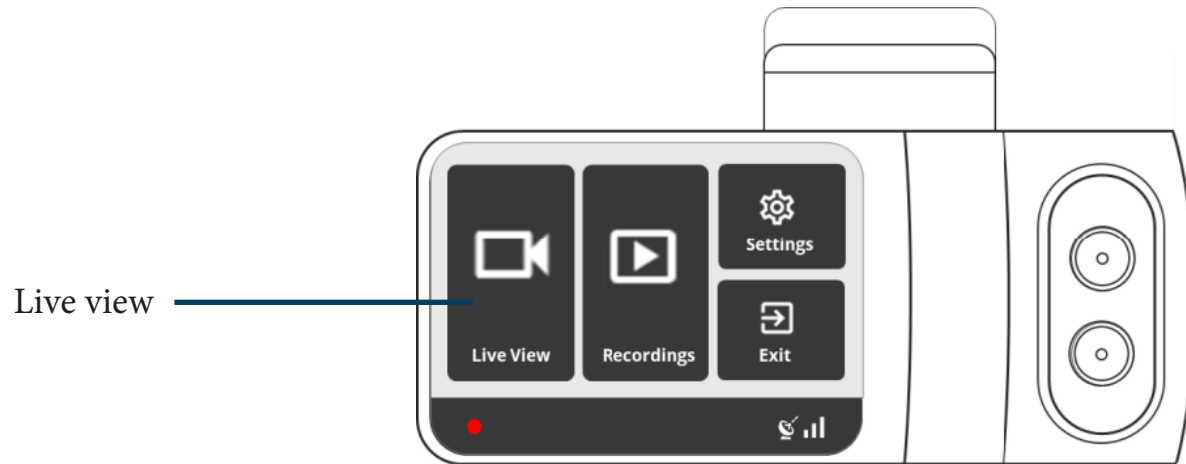
## *Settings Menu*

Enter the "Settings" mode in the main menu to set the following for the camera:

- WiFi Hotspot
- Video Preset
- Select APN
- Add APN
- Driver Camera
- Text Overlay
- Distracted Driver
- In-Cabin Recording
- Driver Position
- U.S. Date Format
- Speed in MPH
- Audio Alarms
- Notify Live Streaming
- Change PIN
- Change Driver PIN
- Calibration
- Brightness
- Serial Number
- Format SD Card
- Power Off

## View Live Video

- Enter the “Live View” mode from the main menu.
- The live video will be displayed on the screen.
- Use the arrow keys below the screen to switch between the road and cabin facing cameras.
- Use the arrow back button to return to the main menu.

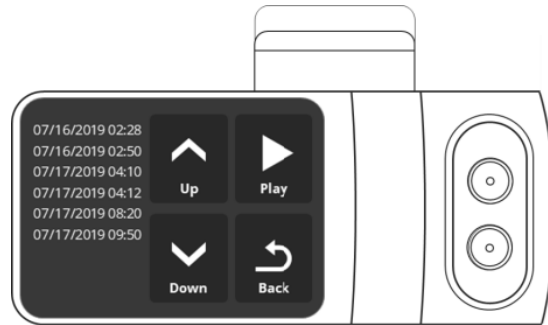


Arrow keys to switch views

Back

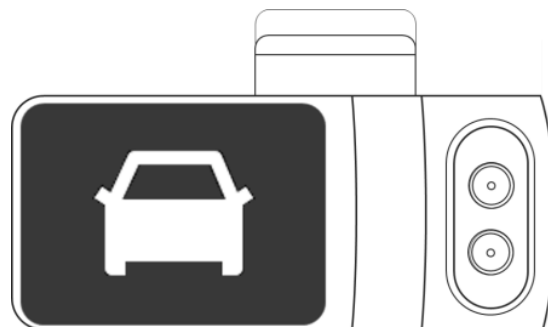
## *View Recorded Videos*

- Enter the “Recordings” mode from the main menu.
- All the recorded videos on the SD card will be displayed in a list, sorted by date and time.
- Use the arrow buttons to scroll through the list.
- Select the video you would like to view and then click the “Play” button.



## *Driving Alerts*

- A white vehicle icon will be displayed on the screen while driving.
- In case of a dangerous driving event such as a hard turn, the car icon will turn red, indicating a visual alert for the driver .
- In addition, an audio alert will sound from the camera.

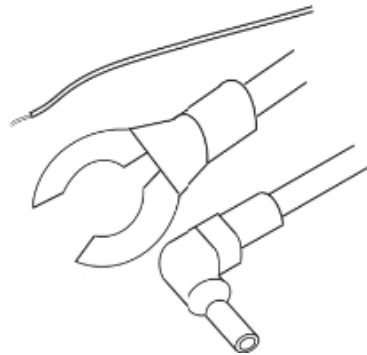


## Hardwiring the Camera to the Vehicle Fuse Box

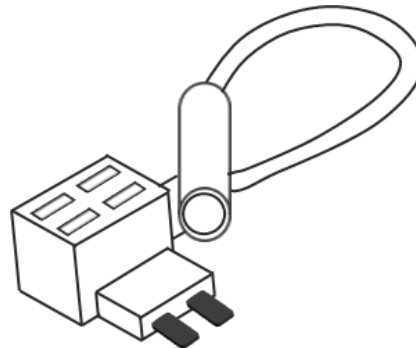
Hardwiring a dashcam to the vehicle's fusebox is one of the most common installation methods to power on your dashcam. In order to utilize the full features of the camera such as active standby, the camera must be connected to a constant 12v power source.

**NOTE:** The hardwiring kit includes 2 wires; one RED wire that connects to a constant 12v source and a BLK ground wire that will go to a metal ground bolt.

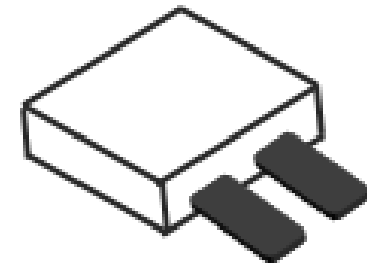
**WARNING:** *This type of installation should only be performed by a qualified or professional individual. Working with your vehicle's power system can be dangerous for you and your vehicle. In any doubt, consult with a professional!*



Hardwire kit



Add-a-fuse kit



Fuse tap

### Step 1: Locate Your Fuse Box

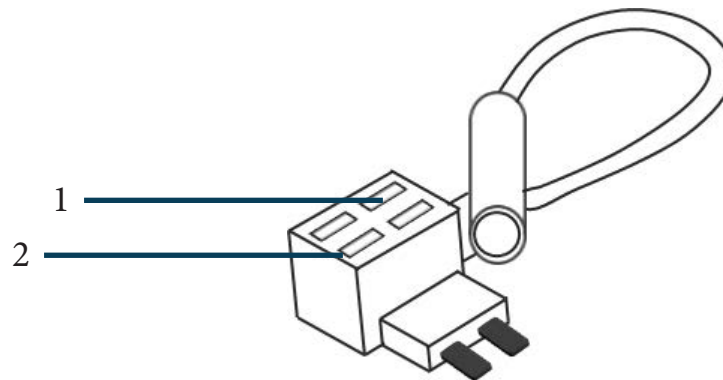
Check the vehicle owner's manual for the fuse box location. It may vary depending on the vehicle model. Remove the plastic panel to access the fuse box. It may open simply by lifting a tab or pulling it with your fingers, or use a flat tool that can pinch in between the plastics.

### Step 2: Which Slot Should I Use?

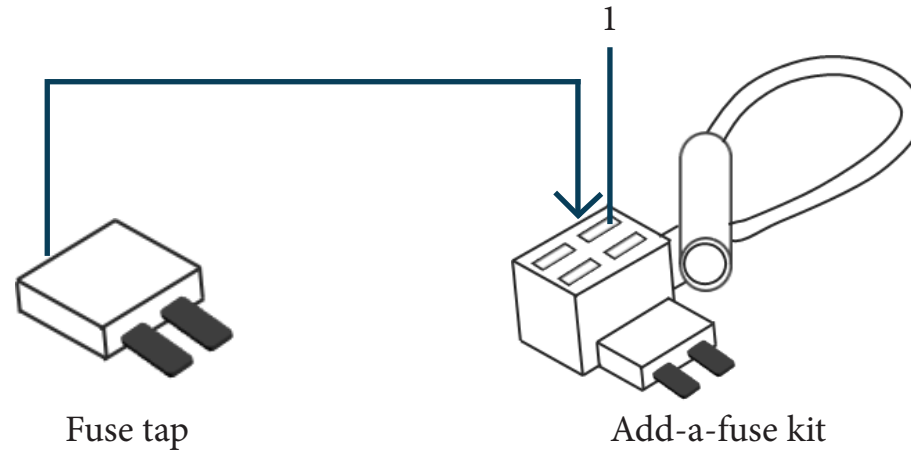
Use a circuit tester to test which fuse is constant (typically red) and provides 12 v of power. A fuse that is constant will stay active when the car is off. The camera will automatically enter standby mode when the car is not moving for 10 minutes.

### Step 3: Add-a-Fuse Kit

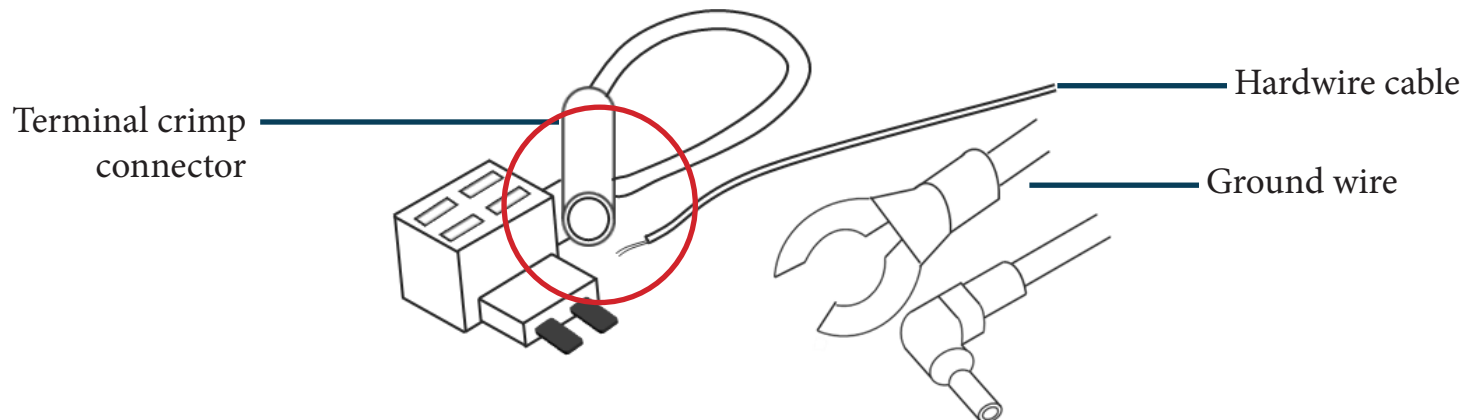
We recommend using an add-a-fuse kit included in our Essential Install Package for a more secure, long lasting installation. The add-a-fuse kit provides a fuse slot for the existing OEM circuit (constant or ignition switched, # 2 in picture below) and another fuse slot for the new circuit for the dashcam device (# 1 in picture below).



1. Insert the new fuse tap provided in the kit into “slot 1,” and the fuse from the fuse box into “slot 2” (Constant or Ignition Switch). If you set them with the wrong order, it will not feed power to the hardwire kit.



2. Connect the hardwiring cable with the terminal crimp connector from the add-a-fuse kit. Trim off some of the rubber tubing to expose the wiring on your hardwiring cable. Then, crimp them down together. You should be able to crimp the fuse kit with standard needle nose pliers. We recommend using electrical tape to further secure the wire.



3. Connect your add-a-fuse kit to the vehicle fuse slot that you have chosen.

#### **Step 4: Ground the Hardwire Kit**

4. The ground wire is usually in a C shape or ring. To connect the ground wire, slip it under a metal bolt or screw in your vehicle.

5. You may need a socket wrench set to loosen the bolt. Loosen the bolt enough to slip it in and tighten it back up afterwards. A loose ground can result in power issues for your dashcam. We recommend grounding your wire to an unpainted bare metal bolt.

#### **Step 5: Test Your Dashcam**

6. Plug the power cable to the dashcam. Start your vehicle to test if the dashcam powers up. Once you have tested your camera, run the power cable along the headliner of your vehicle along the A-Pillar to the power source for a clean installation.

**That's it. You've successfully installed your RastracVision dashcam!**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void user's authority to operate the equipment. Caution: Exposure to radio frequency radiation. To comply with FCC RF exposure compliance requirements, for mobile configurations, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter.