FAS
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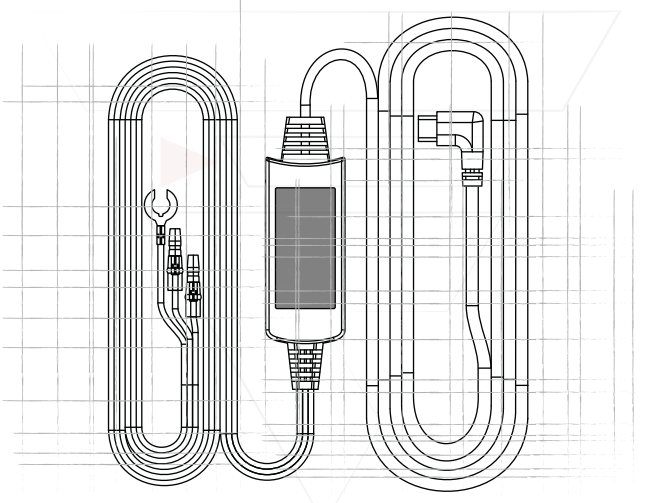


FAS-CAM Hardwire Kit (ACC Cable) Installation Manual

WHAT'S INCLUDED?

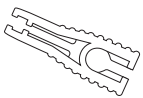
Cable Tucker Tool

Cable Clips x 4

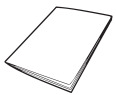
Cable Ties x 4

Voltage Meter Pen

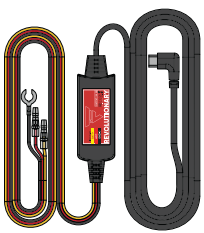
Fuse Puller



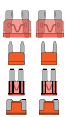
Installation Manual



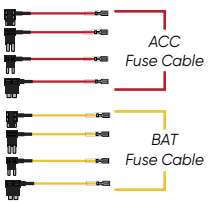
Hardwire Kit



Fuses x 8
(Pre-Installed on Fuse Cables)



Fuse Cables x 8



WHAT YOU'LL NEED FOR INSTALLATION

- Hardwire Kit and Accessories
- Vehicle Owner's Manual
- Crimp Tool (Optional)
- Socket Wrench or Screw Driver (Optional)

SPECIFICATIONS

Input Wires:
POWER/GROUND/ACC

Input Voltage:
Typical DC 12/24V, MAX DC 36V, auto detecting

Output Connector:
USB-C plug, DC 5V, 2A

Other Protection:
- Down Voltage Protection
- Over Current Protection
- Short-circuit Protection
- Over Voltage Protection

BEFORE WE START

- There are 3 main phases when installing the Hardwire Kit:
  1. Connecting the Fuse Cables to your vehicle's fuse box.
  2. Connecting the Fuse Cables to Hardwire Kit.
  3. Connecting the Hardwire Kit to your Dash Cam.
- There are 3 different color cables on the Hardwire Kit and 2 different colors on the fuse cables:
  1. **RED WIRE: ACC Power** (Powers only when Engine is ON)
     Hardwire Kit & Fuse Cables
  2. **YELLOW WIRE: Constant Power** (Powers when the engine is ON and OFF)
     Hardwire Kit & Fuse Cables
  3. **BLACK WIRE: Connected to Ground** (Connects to the Grounding Chassis)
     Hardwire Kit Only

WHAT IS HARDWIRE KIT?

The FAS-CAM Hardware Kit provides you with the tools to power your FAS-CAM F701-DR dash cam. This kit allows you to connect your dash cam with your vehicle's battery via fuse box to keep your parking mode continuously running even after your vehicle's engine is turned off.

WHAT IS PARKING MODE?

Parking mode is a term for any recording done while your engine is off and your vehicle is parked. Parking mode means that the dash cam is capable enough to know when the vehicle is parked. The switch from normal recording mode to parking mode should be automatic, without manual intervention.
FAS-CAM is the first in the market to allow parking mode to run on our unique battery so that no information is ever lost even when you move your dash cam to a vehicle without the hardwire kit installed.

	ACC HARDWIRE RUNS OFF YOUR VEHICLE'S INTERNAL BATTERY	FAS-CAM BATTERY RUN'S OFF THE DASH CAM'S INTERNAL BATTERY
G-SENSOR (IMPACT) DETECTION	YES	YES
MOTION DETECTION	YES	NO
G-SENSOR & MOTION TOGETHER	YES	NO
RECORDING STATE	ALWAYS-ON PASSIVE	CAMERA OFF UNTIL IMPACT DETECTED
WAKE UP TIME TO START RECORDING AFTER IMPACT	2-3 SECS	8-10 SECS (CAMERA BOOT UP REQUIRED)
RECORDING TIME	30 SECS AFTER DETECTION	30 SECS AFTER BOOT UP
REAR CAM RECORDING	YES	NO

WARNINGS

Failure to follow these instructions and safety precautions can lead to serious injury or death.

▶ **BEFORE YOU BEGIN** - It is highly recommended that a qualified professional perform the Hardwire Kit installation. Please consult a professional if you are not equipped to be working with your vehicle's power system.

▶ **HANDLING & PRECAUTIONS**

- Handle your device with care at all times.
- Do not use your device if it is damaged.
- Ensure you are using the correct input voltage.
- Avoid spraying cleaning products on the device.
- The dash cam may stop recording upon damage or interrupted power supply.
- It is necessary to read and understand the safety instructions before use. The warranty will be voided in the event of any damage from failure to follow the instructions.
- Please refer to your vehicle's owner's manual before you begin the installation.
- Avoid exposure to rain, moisture, or water, as it may result in external or internal damage.
- Do NOT drop or disassemble this device.
- Keep out of reach of children.
- Do NOT attempt to open or repair the device yourself.
- Please contact *info@FASalliance.com* for assistance regarding any issues with the accessories or device.
- Ensure the device is secure with the cable ties included.
- The company is NOT responsible for the loss of content at any time.

NOTE: Images used in this manual are for general illustration purposes only. This manual references a Honda 2019 CRV's fuse box and other stock photos as an example to illustrate the hardware kit installation.

▶ **IMPORTANT**

Please refer to your vehicle owner's manual for information regarding your fuse box location, access, and details on your ACC and constant power sources before proceeding.

BATTERY DRAIN PROTECTION (DOWN VOLTAGE PROTECTION)

The FAS-CAM Hardwire Kit prevents your dash cam from draining your vehicle's battery by saving enough power to start your vehicle when your battery voltage is low.
The Hardwire Kit will only resume functioning normally once you begin driving and the battery voltage is higher than the cut-off level.

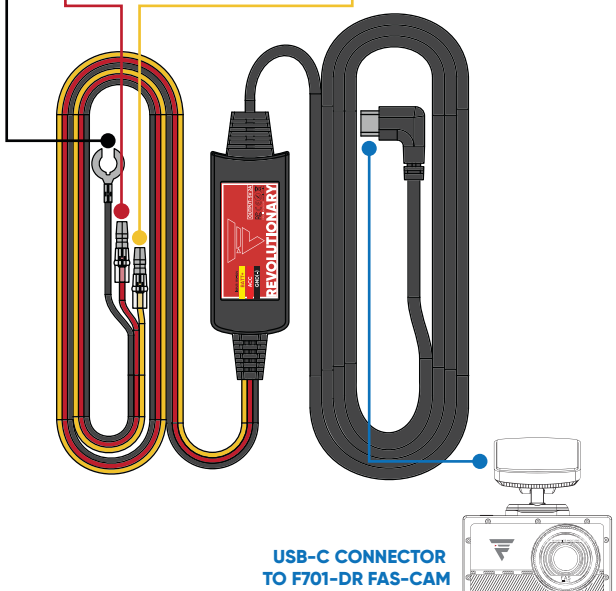
FAS-CAM HARDWIRE KIT - USB-C

▶ Three wires must be connected to your vehicle for the Hardwire Kit installation. The **RED** and **YELLOW** wire will be installed onto the fuse box.

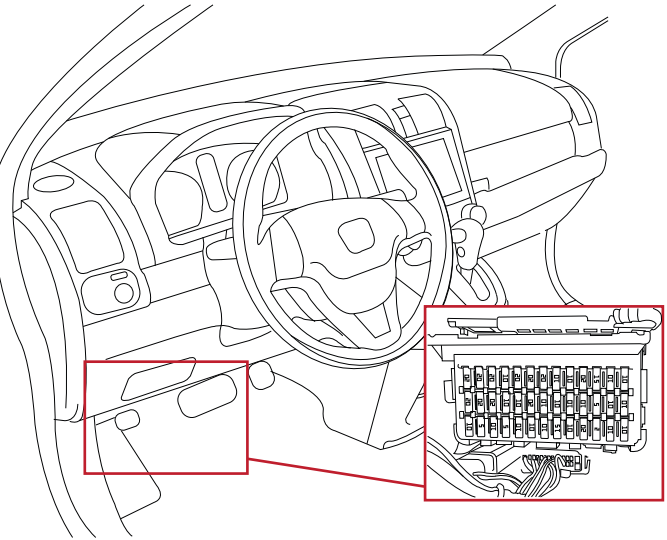
● **BLACK Wire (Ground)**
The black wire attaches to the metal grounding chassis (bolt/screw). Grounding is required to prevent sparking or electrical shock. See **STEP 8** for details.

● **RED Wire (ACC)**
The RED wire attaches to the ACC fuse cable. This fuse is a switched fuse, meaning it only provides power when your vehicle ignition is on.

● **YELLOW Wire (BAT)**
The YELLOW wire attaches to the constant fuse cable. This fuse is always hot, meaning it provides power even when your vehicle is turned off.



USB-C CONNECTOR TO F701-DR FAS-CAM



STEP 1: LOCATE YOUR FUSE BOX

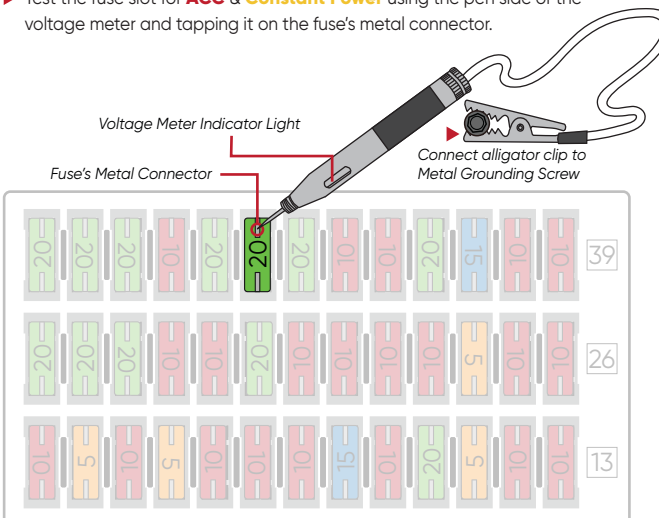
- Locate the fuse box in your vehicle before proceeding. Please refer to your vehicle owner's manual or the manufacturer's website for further information.
- In the provided diagram, the top panel has been removed to gain access to the fuse box.
- Gaining access to your vehicle's fuse box may require removing trim or opening panels.
- Accessing the fuse box in most vehicles typically requires simple steps such as pulling a panel or lifting a tab, whereas other vehicles may require additional tools.

NOTE: Refer to your vehicle owner's manual to determine the location of your vehicle's fuse box. The manual will provide information regarding access to your fuse box.

Follow along with our comprehensive **video instruction guide** available on FASalliance.com

STEP 2: FIND THE CORRECT FUSE SLOT

- Next, you'll need to locate two fuse slots. It is necessary to understand which fuse slot to use for this step. Make sure the vehicle's ignition is initially off.
- While using the voltage meter, ensure the alligator clip is connected to the Metal grounding screw *(See Grounding Photo in STEP 8)*.
- Test the fuse slot for **ACC** & **Constant Power** using the pen side of the voltage meter and tapping it on the fuse's metal connector.



- Locate one fuse slot that provides constant power (**YELLOW wire**). Vehicle Ignition is turned OFF and the voltage meter pen light will turn ON
- Locate another fuse slot that only provides power when the key is in ACC position (**RED wire**). Voltage meter pen light will NOT turn ON when the vehicle ignition is off and will light up when the ignition is on

TIP: Keep note of this since you will need to refer back to this in STEP 4 and STEP 5.

IMPORTANT

It is highly recommended to choose 10Amp-30Amp fuse slots to provide enough power for the F701-DR dash cam.

WARNING

You should always refer to your vehicle's user manual to avoid fuse slots that may control your vehicle's safety features.

STEP 3: IDENTIFY THE CORRECT TYPE OF CABLE FOR YOUR VEHICLE

- After identifying the fuse slots you need to use, the next step is determining the type of Fuse Cable to use for your vehicle's model.
- Making sure the vehicle's ignition is off, pull off the chosen fuses from the vehicle's fuse box using the provided fuse puller tool.
- As shown in the images, there are four main types of fuses used for American vehicles. You can identify the type of fuse your vehicle requires in one of two easy ways.
  - Determine your vehicle's fuse by removing the selected fuse from your vehicle's fuse box and matching it with one of the fuses in the image. *(Color of fuses may vary)*

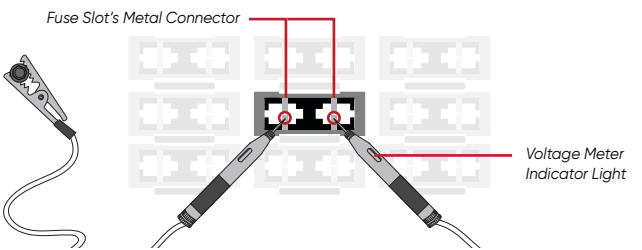
  OR

  - Refer to your vehicle's user manual to establish the specific type of fuse that you will need to use.
- After determining your vehicle's fuse type, find the matching **RED** and **YELLOW** wire provided in the kit.

MATCH YOUR VEHICLE'S FUSE	CORRECT CABLES (RED & YELLOW) PROVIDED IN KIT
 ATO (Regular) Fuse	 ATO (Standard) Fuse Cable
 Mini Fuse	 Mini Fuse Cable
 Micro2 Fuse	 Micro2 Fuse Cable
 Micro Fuse	 Micro Fuse Cable

STEP 4: IDENTIFYING THE INPUT & OUTPUT OF A FUSE SLOT

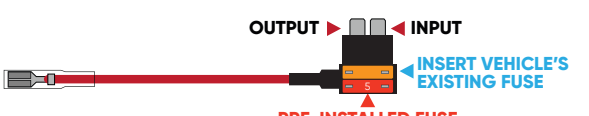
- Once you've identified the correct type of fuse for your vehicle, insert the vehicle's existing **ACC** and **Constant Fuse** (located at **STEP 2**) into the empty slot of the corresponding fuse cable *(See **BLUE arrow** in the image on the bottom of the page).* However, if your fuse slot is empty and has no existing fuse, then leave the slot empty.
- Next, identify which side (left or right) of the vehicle's now empty fuse slot is the voltage **INPUT** and voltage **OUTPUT** for both **ACC** and **Constant Fuse**.
  - The vehicle should be turned OFF when testing the **Constant Fuse**.
  - In order to get an accurate reading, your vehicle ignition must be turned ON when testing the **ACC Fuse**.
- Test each side (left and right) of the empty fuse slots using the included voltage meter by tapping the pen onto the fuse slot's metal connector. Make sure that the clamp is connected to the grounding metal chassis.



- If the voltage meter's indicator light is ON, then this is the **INPUT** side.
- If the voltage meter's indicator light is OFF, then this is the **OUTPUT** side.

STEP 5: INSERTING THE RED AND YELLOW FUSE CABLES

- The next step is to install the fuse cable into the vehicle's fuse box, making sure the **INPUT** is inserted into **INPUT** and **OUTPUT** is inserted into **OUTPUT**.



- Do this for both the **RED** and **YELLOW WIRE**.

STEP 6: TEST THE INSTALLATION OF THE FUSE CABLE

- Using the included voltage meter, test the **RED** and **YELLOW** Fuse Cables to confirm you have the correct installation.

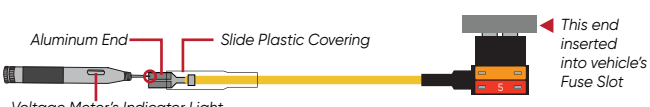
TESTING THE RED FUSE CABLE

A Turn off the vehicle's ignition. Touch the voltage meter to the aluminum cable end of the **RED Fuse Cable**. The indicator light should be **OFF**.

- If the indicator light is **OFF**, you can proceed to the next step B below.
- If the indicator light is **ON**, the cables have not been installed correctly. Repeat the previous steps to ensure correct installation.

B Next, turn your vehicle ignition on. Touch the voltage meter to the aluminum end of the **RED Fuse Cable**. If the indicator light is **ON** then the RED cable has been installed correctly.

TESTING THE YELLOW FUSE CABLE

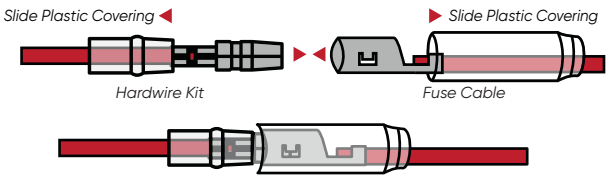


- Turn off the vehicle's ignition. Touch the voltage meter to the aluminum end of the **YELLOW Fuse Cable**. The indicator light should be **ON**.
  - If the indicator light is **ON**, the **YELLOW Fuse Cable** has been installed correctly.
  - If the indicator light is **OFF**, the cables have not been installed correctly. Repeat the previous steps to ensure correct installation.

Refer to the **User Manual PDF** for the full list of features and menu options for the FAS-CAM

STEP 7: CONNECTING THE RED AND YELLOW FUSE CABLE TO THE USB-C HARDWIRE KIT

- Match the corresponding Hardwire Kit **RED** and **YELLOW** wires with the fuse cables.
- Connect by pushing the Hardwire Kit cable into the aluminum fuse cable slot.

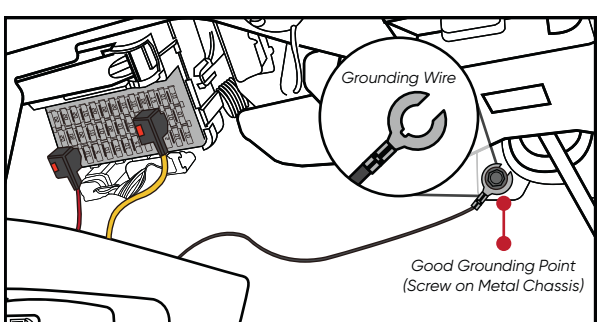


NOTE: If needed, use a crimp tool to securely crimp the Hardwire Kit cable with the aluminum side of the fuse cables.

STEP 8: LOCATING A GROUND POINT

- The next step is to connect the **BLACK** wire to the grounding screw/bolt.
- You may need a socket wrench or screwdriver to loosen the bolt.
- Clip the metal portion of the **BLACK** wire under the loosened bolt and re-tighten the bolt afterwards.

NOTE: We recommend using a metal chassis grounding screw to ensure a smooth functioning dash cam. Using another option such as plastic may cause your dash cam to not function properly.



STEP 9: TEST THE F701-DR DASH CAM

- After installing all three wires (**RED**, **YELLOW**, and **BLACK**) to their respective slots and positions, plug the USB-C cable into the F701-DR dash cam. Start your vehicle to ensure the dash cam and the Parking Mode feature are working properly.

FINAL TEST

- First, enter the Menu Option and go to the Function Settings. Select "Parking Mode" and check the functions you want are ON.

TEST 1 Start the ignition. The dash cam may reboot but should begin the continuous recording while the vehicle is on and the engine is running.

TEST 2 Check if the dash cam continuously records the video while the engine is in the ACC position (ignition partially ON).

TEST 3 Determine if the dash cam goes into Parking Mode by turning off your engine completely.

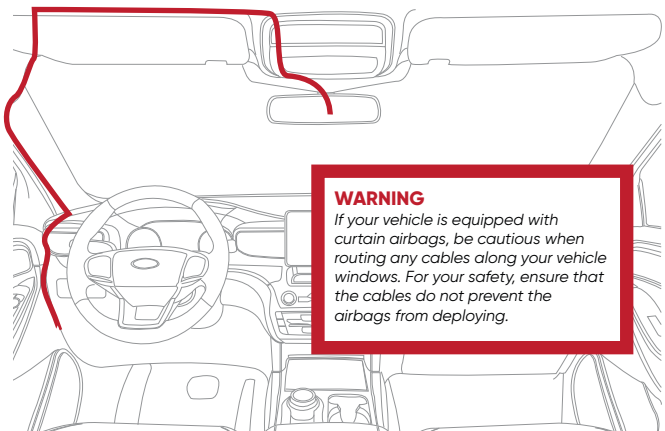
After a few seconds, your dash cam should automatically go into Parking Mode. The LCD will turn OFF, but your dash cam will stay in Parking Mode. Confirm your dash cam is in Parking Mode by checking for the red indicator LED status on the top corner. The red indicator light should be on to indicate the Parking Mode is on while the white FAS-CAPTURE light should be off.

TEST 4 Test the dash cam's continuous recording mode by turning your ignition to the ACC position. If the dash cam goes into continuous recording, proceed to start your vehicle. The dash cam may then restart and enter continuous recording.

- If the steps in the final testing were successful, your FAS-CAM F701-DR dash cam and Hardwire Kit have been properly installed.

STEP 10: SECURE AND ROUTE ALL THE CABLES NEATLY

- After ensuring that the F701-DR dash cam works properly, you can route the wires onto your vehicle's interior trim. We recommend using the provided zip-ties and cable clips, or otherwise securing the excess wires to prevent them from getting in the way.
- It is important that you ensure the wires are secure. Loose or hanging wires may lead to damage to the dash cam and vehicle or unsafe driving conditions.



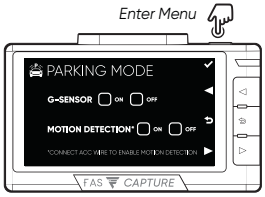
WARNING

If your vehicle is equipped with curtain airbags, be cautious when routing any cables along your vehicle windows. For your safety, ensure that the cables do not prevent the airbags from deploying.

WHAT HAPPENS WHEN PARKING MODE IS TRIGGERED?

- FAS-CAPTURE light will turn **RED** while recording.
- Parking Mode Warning Message will pop-up when the dash cam boots up.

PARKING MODE FUNCTIONS & ICONS SHOWN ON RECORDING SCREEN



MENU > FUNCTION SETTINGS > PARKING MODE

MOTION (PROXIMITY) DETECTION

You can easily turn off motion detection when you are parked in a high traffic area to avoid continuous recording from passerby. Ideal if you are parked in a quiet area with little action and want visual in all circumstances.

G-SENSOR (IMPACT) RECORDING

Our finely calibrated G-Sensor detects impacts. Depending on the amount of vibration triggered, closing doors and vehicle trunk may also trigger this mode. Ideal if you want recording only when the vehicle is hit and possibly record the perpetrator of the accident

MOTION & G-SENSOR ENABLED

PARKING MODE OFF

TROUBLESHOOTING

ERROR 1: HARDWIRE KIT NOT POWERING THE DASH CAM

- Check that the old fuse is connected to the fuse cable and that all fuse cables are properly connected to the fuse box.
  - **YELLOW WIRE** should be inserted into a fuse slot that provides constant power
  - **RED WIRE** should be inserted into a fuse slot that ONLY provides power when the vehicle in on
  - **BLACK WIRE** should be attached to the metal grounding bolt.
- Ensure that the connected fuse slots are rated for 10A to 30A.
- Turn the fuse cable 180 degrees and reinstall them into the fuse slots.
- Try connecting to other slots on the fuse box that provide constant and ACC power.
- Check that the Parking Mode option is selected under the Menu option.
- If the Hardwire Kit isn't powering the dash cam after following the above steps, ensure that your vehicle's battery is fully charged. If your vehicle's battery voltage is lower than the voltage cut-off, the Hardwire Kit will be unable to power the F701-DR dash cam. Go to **STEP 6** for further instructions on how to test for voltage on the **RED** and **YELLOW** Fuse Cables or see your vehicle's manual for the voltage.

ERROR 2: THE DASH CAM IS CONSTANTLY REBOOTING

- Ensure that the **BLACK WIRE** is securely connected to the metal grounding bolt and the **RED** and **YELLOW** fuse cables are connected correctly.

ERROR 3: THE DASH CAM DOES NOT DETECT THE HARDWIRE KIT WHEN TURNING ON PARKING MODE.

- Go to **STEP 6** and test the connection as per the instructions.

ERROR 4: THE DASH CAM DOES NOT GO INTO THE PARKING MODE AND CONTINUOUSLY RECORDS INSTEAD

- Check the **RED Fuse Cable** to ensure that it is **NOT** plugged into the constant fuse slot and is plugged into the fuse slot that provides power only when the vehicle is in ACC or fully powered on. Use the voltage meter to test in **STEP 6** and find the correct ACC fuse slot.
- While the ignition is off, force the dash cam to power down by long-pressing the power button. Once you start the vehicle's ignition, the dash cam should also power on and resume normal function.

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View the comprehensive **video instruction guide** available on FASalliance.com

Refer to the **User Manual PDF** for the full list of features and menu options

CONTACT US

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VISIT OUR SITE

FASalliance.com

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Designed in Chino Hills, Califorina
Manufactured in China

www.FASalliance.com
Info@FASalliance.com
626-246-6568

MODEL #: FAS-ACCW3CHTC
TRADE NAME: FAS-CAM
INPUT VOLTAGE: 11V-30V

MADE IN CHINA

WARNING: 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.