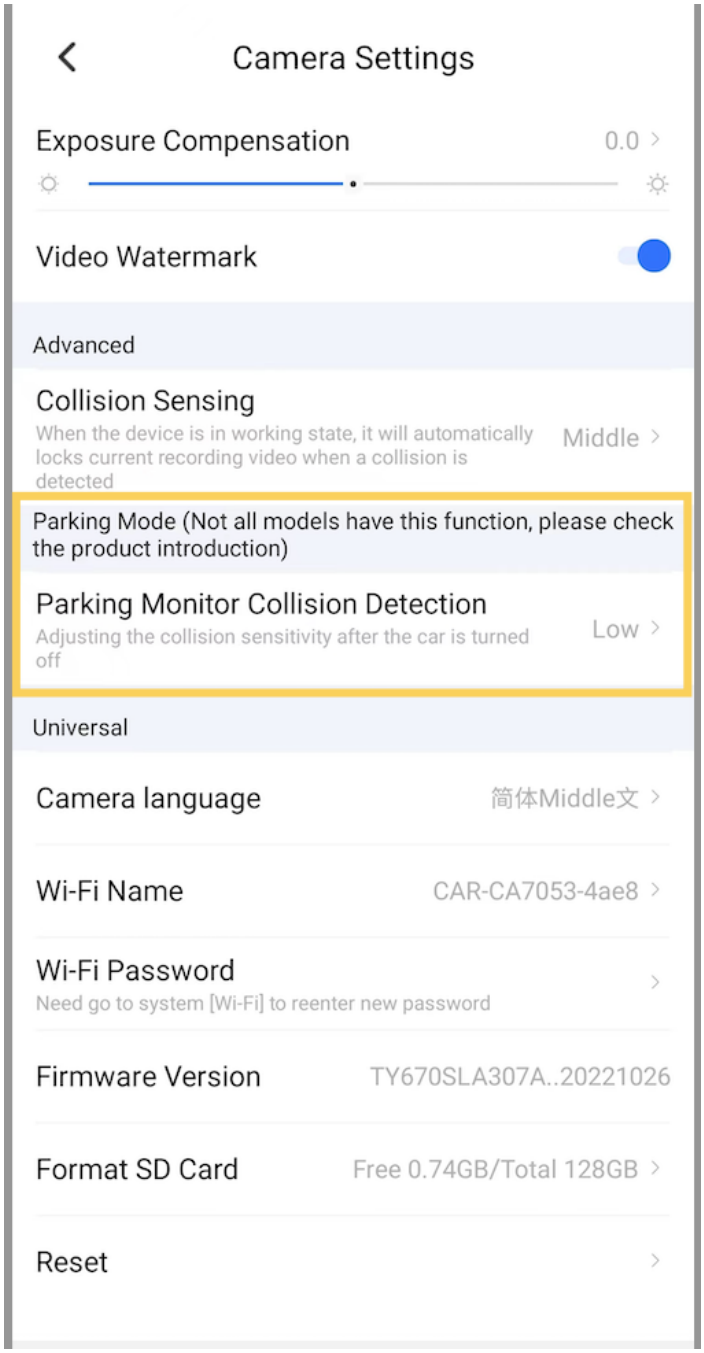
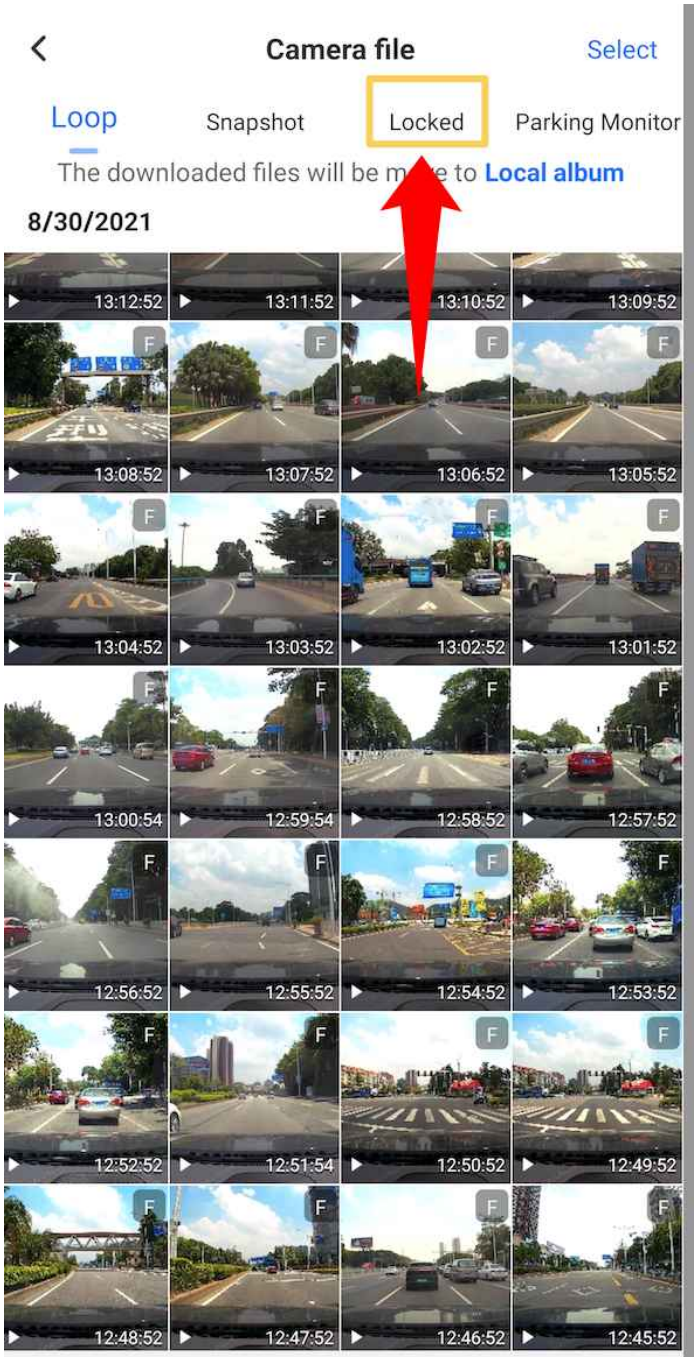
FITC X DIY Fuse Box Hardwire Installation Guide

What is the parking mode:

1. The camera will turn off automatically when parking. When the car is in a serious collision, it will automatically switch on to record 1 minute of video and then switch off. But minor collisions may not be recorded.
2. Because it does not record continuously 24/7, it does not drain the battery.
3. You can switch on and off the parking mode inside the APP settings.
4. it doesn't have low voltage protection because the camera is not recording continuously 24/7, it consumes very little power.
5. To test if parking mode is active: when the camera is off, tap the camera directly to see if it will turn on.
6. The parking mode video will be saved inside the locked folder, it will not be deleted automatically, you need to delete it manually.



Parking mode settings in APP



After connecting the camera,

you can view the locked folder

Suggestion:

This installation involves some more advance and professional processes. This instruction page is for DIYer reference only. If you don't have the tools or confidence, it is recommended to find a trusted professional in your local area (Auto parts store, Car stereo shop, Car care professional) installer to inquire about the installation cost.

We do not work with any specific installation shops; it is recommended to check with your installer reputation first before installing.

Preparation before installation:

1.FITCAMX dash cam

2.Fuse box cable

3.Multimeter or Automotive Circuit Tester

4.Plastic pry tool

5.Wrench (Not included in the kit)

6.Pliers (Not included in the kit)

7.Zip ties or Electrical Tape (Not included in the kit)





Wrench (Not included in the kit)



Pliers (Not included in the kit)



Zip ties (Not included in the kit)



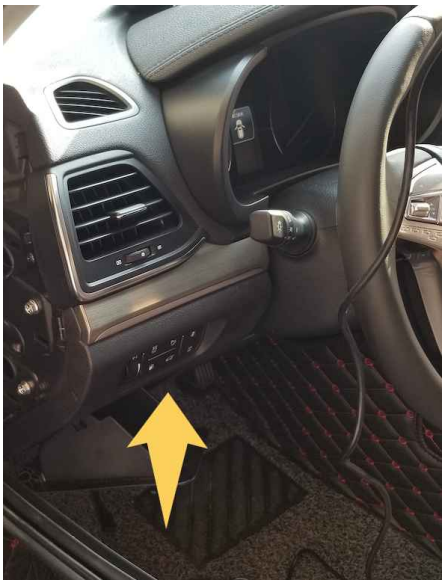
Electrical Tape (Not included in the kit)

Installation Steps

STEP 1: FIND THE FUSE BOX

Please find the fuse box in your car. It is usually under or to the left of the steering wheel, in the glove box, or in the trunk. **Please refer to the owner's manual for detailed location information.**

If you don't have your car's owner's manual, you should be able to find information about the location of your car's fuse box online.





STEP 2: Select ACC and Constant (BAT+) fuse slots

Select the fuse slot to be used, we recommend choosing a fuse with a current between 7.5A ~ 15A. The fuse slot position can be view on the fuse box cover label, the corresponding slot abbreviations are written above. Refer to your owner's manual for details.

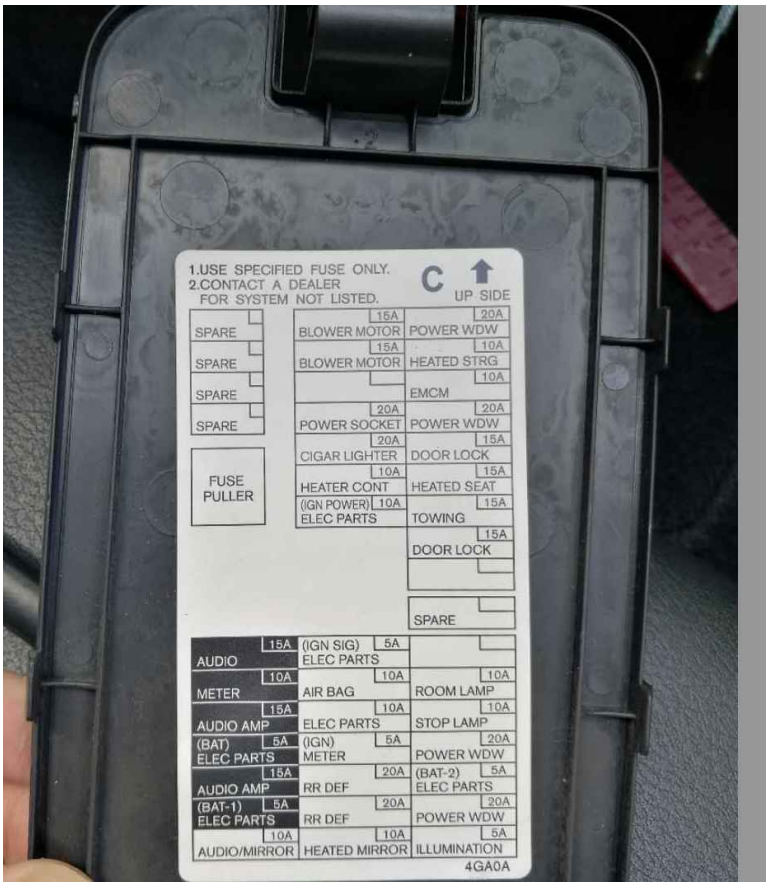
Here are a few locations for reference:

ACC power(It only has power when the car starts) :

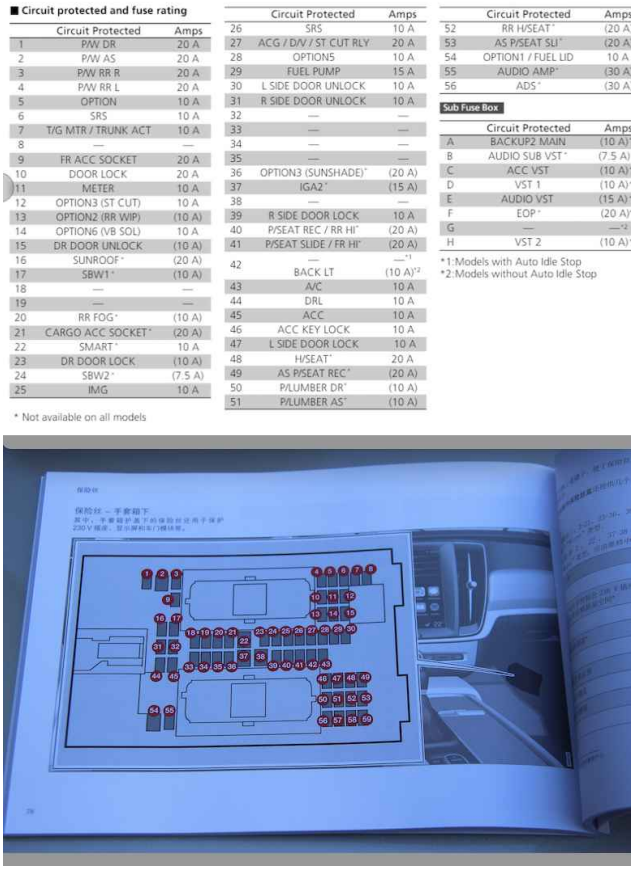
wipper RR (rear wiper), washer (windshield washer), cigarette lighter, power socket, USB, radio, multimedia, etc.

Constant (BAT+) power (It always has power) :

STOP (brake light), fog lights, OBD, dome lights, etc.



Fuse box cover label



■ Circuit protected and fuse rating

	Circuit Protected	Amps
1	P/W DR	20 A
2	P/W AS	20 A
3	P/W RR R	20 A
4	P/W RR L	20 A
5	OPTION	10 A
6	SRS	10 A
7	T/G MTR / TRUNK ACT	10 A
8	—	—
9	FR ACC SOCKET	20 A
10	DOOR LOCK	20 A
11	METER	10 A
12	OPTION3 (ST CUT)	10 A
13	OPTION2 (RR WIP)	(10 A)
14	OPTION6 (VB SOL)	10 A
15	DR DOOR UNLOCK	(10 A)
16	SUNROOF*	(20 A)
17	SBW1*	(10 A)
18	—	—
19	—	—
20	RR FOG*	(10 A)
21	CARGO ACC SOCKET*	(20 A)
22	SMART*	10 A
23	DR DOOR LOCK	(10 A)
24	SBW2*	(7.5 A)
25	IMG	10 A

	Circuit Protected	Amps
26	SRS	10 A
27	ACG / D/V / ST CUT RLY	20 A
28	OPTION5	10 A
29	FUEL PUMP	15 A
30	L SIDE DOOR UNLOCK	10 A
31	R SIDE DOOR UNLOCK	10 A
32	—	—
33	—	—
34	—	—
35	—	—
36	OPTION3 (SUNSHADE)*	(20 A)
37	IGA2*	(15 A)
38	—	—
39	R SIDE DOOR LOCK	10 A
40	P/SEAT REC / RR HI*	(20 A)
41	P/SEAT SLIDE / FR HI*	(20 A)
42	— BACK LT	—*1 (10 A)*2
43	A/C	10 A
44	DRL	10 A
45	ACC	10 A
46	ACC KEY LOCK	10 A
47	L SIDE DOOR LOCK	10 A
48	H/SEAT*	20 A
49	AS P/SEAT REC*	(20 A)
50	P/LUMBER DR*	(10 A)
51	P/LUMBER AS*	(10 A)

	Circuit Protected	Amps
52	RR H/SEAT*	(20 A
53	AS P/SEAT SLI*	(20 A
54	OPTION1 / FUEL LID	10 A
55	AUDIO AMP*	(30 A
56	ADS*	(30 A

Sub Fuse Box

	Circuit Protected	Amps
A	BACKUP2 MAIN	(10 A)
B	AUDIO SUB VST*	(7.5 A)
C	ACC VST	(10 A)
D	VST 1	(10 A)
E	AUDIO VST	(15 A)
F	EOP*	(20 A)
G	—	—*2
H	VST 2	(10 A)

* Not available on all models

*1:Models with Auto Idle Stop
*2:Models without Auto Idle Stop

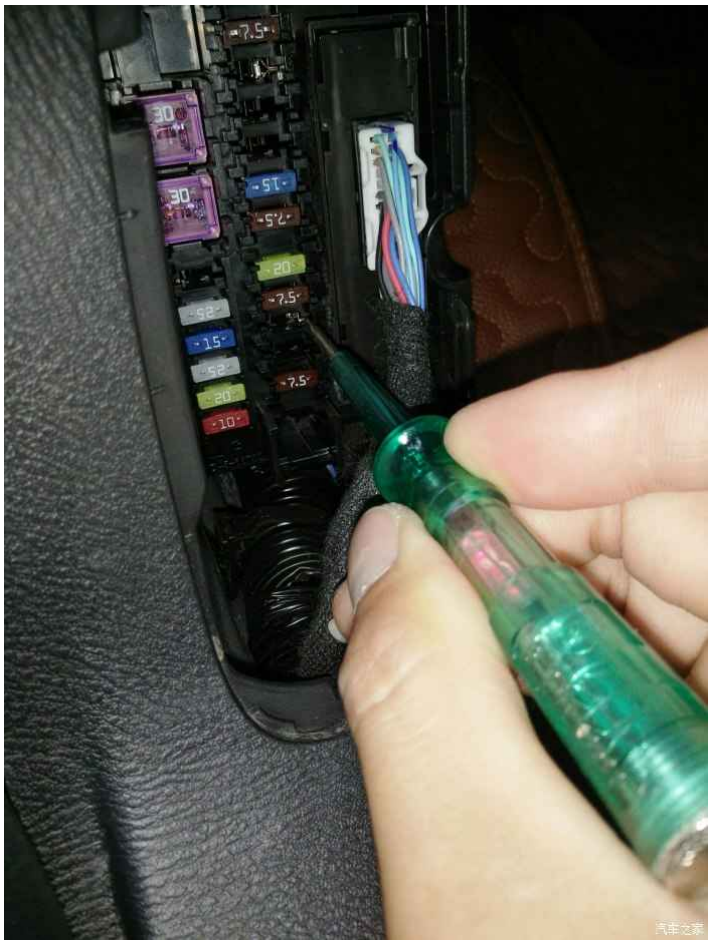
Fuse box instructions in the user manual of the car

Using a circuit tester to locate the ACC and Constant (BAT+) fuse

1. Connect **circuit tester** to the metal (ground) of the car.
2. Switch off the car's power (engine) and use the circuit tester to find the fuse that has a constant power. Then it is a **Constant (BAT+) fuse**.
3. Switch on the car's power and use the circuit tester to find the fuse that has power only when the car is started and no power when the car is switched off, then it is the **ACC fuse.**
4. It is recommended to refer to the car owner's manual to avoid connecting to the fuses about car safety equipment.
5. Always refer to the vehicle’ s owner’ s manual to avoid fuse slots that could pertain to certain safety features within your vehicle.



Connect circuit tester to the metal (ground)



The circuit tester will light up when the fuse has power

STEP 3: Remove the Original Plastic Cover and Install the FITCAMX Dash Cam

Each car models has different removal and installation methods, please contact us for details



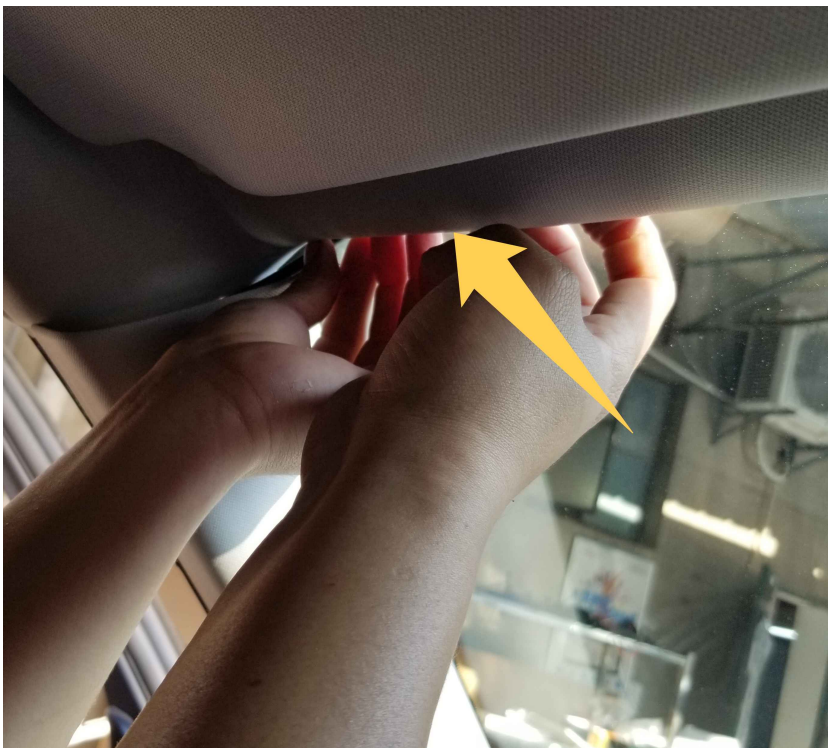
Remove the original plastic cover



Mount the FITCAMX

STEP 4: Route wire to fuse box

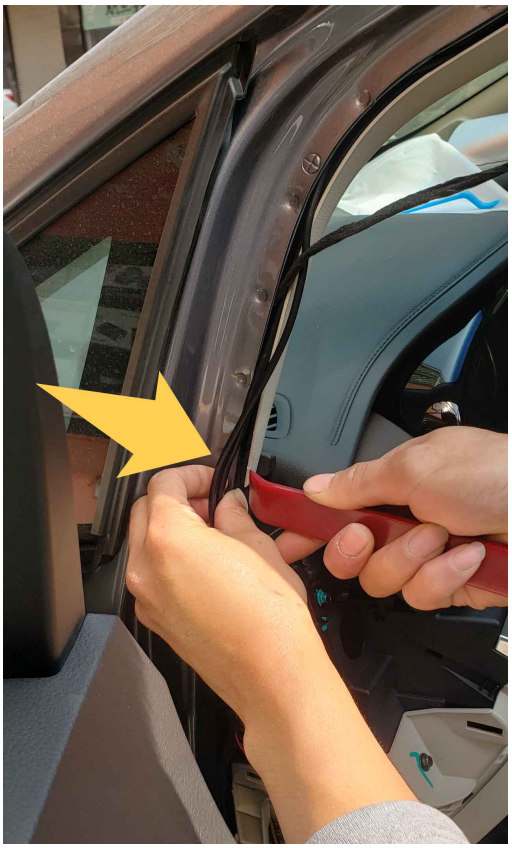
Run the wire along the roof, through the A-pillar, and to the location of the fuse box.



Hide the cable in the gap in the roof



Remove the rubber seal



Hide the cable inside the A-pillar



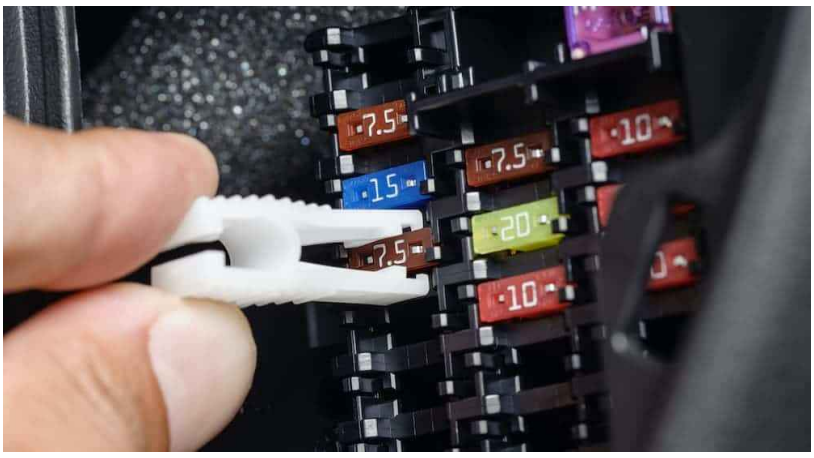
Remove the trim panel on the side of the dashboard

STEP 5: Remove the Selected Fuse

Use the extraction tool to remove the original **Constant (BAT+) fuse** and **ACC** power fuse. It is not recommended to use bare hand for removal, it is hard to pull out and the plastic housing of the fuse can be damaged. There is usually a fuse extraction tool inside the fuse box that next to the engine, or you can use pliers to remove it.



There may be a fuse removal tool in the fuse box next to the engine.

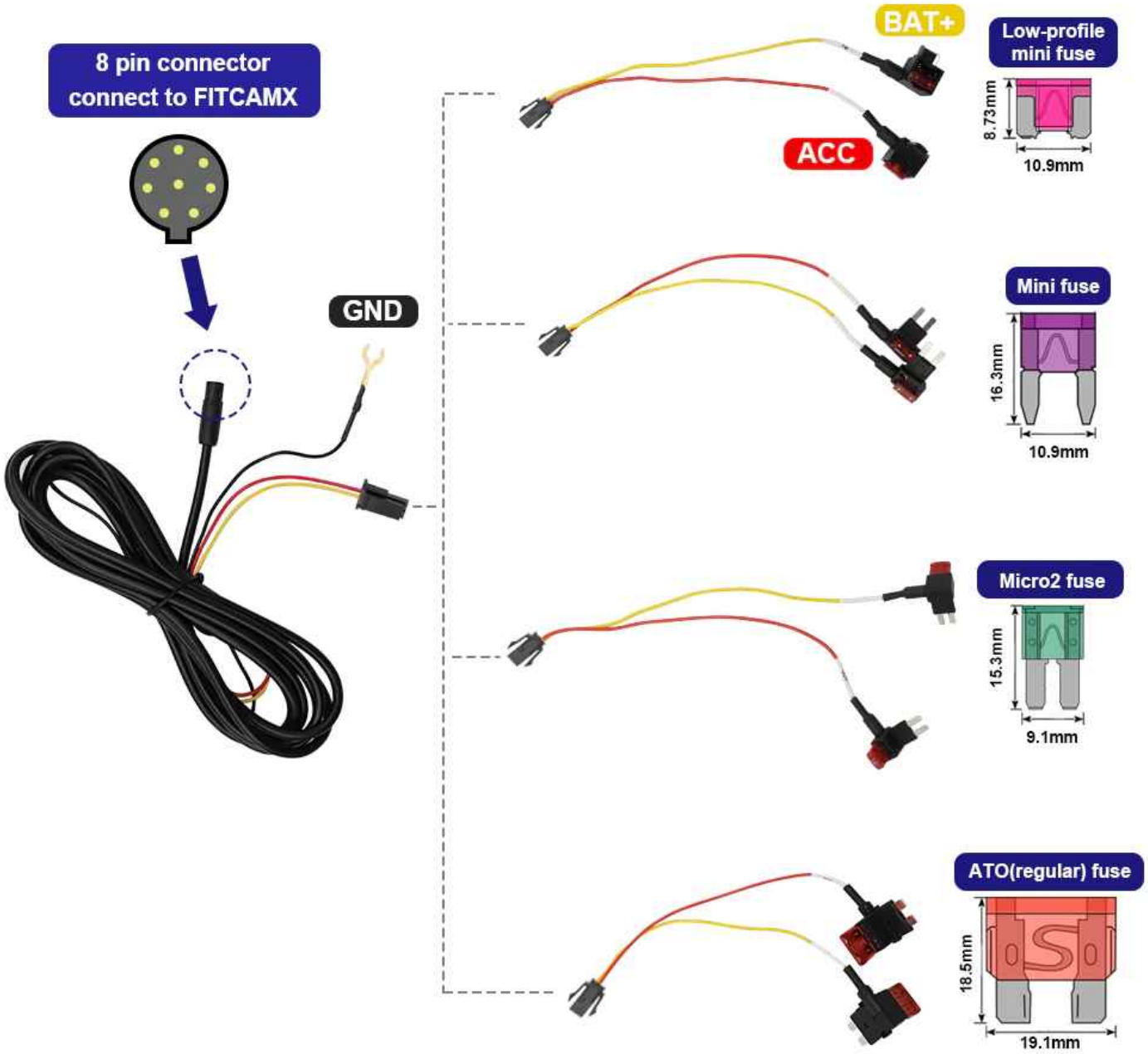


Use removal tool to remove ACC and BAT+ fuses

STEP 6: Select the Correct Fuse Box Cable

Matching the fuse to the same included fuse box cable. You can check the size of the unplugged fuse to select the corresponding cable . Use one of the four fuse box cable that matched with your vehicle.

If you are using ***FITCAMX 4in1 Fuse box cable hardwire kit*** it comes with four kinds of fuse tap cables including yellow and red kinds. The **yellow** one should be connected to the **Constant (BAT+) fuse**, and the **red** one should be connected to the **ACC** power supply.



There are 4 types of fuses in the kit. Choose the same fuse as the one on your car.

STEP 7: Insert the Original Fuse into the Empty Slot of the Fuse Box Cable

Insert the original fuse into the extra slot of the fuse cable. There is a 2Amp fuse on the fuse tap cable. Please do not remove it. This is for protecting the dash cam, so there will be two fuses in each fuse tap cable.

If you are using ***FITCAMX 4in1 Fuse box cable hardwire kit***, Please insert the ACC fuse into the fuse tap cable slot and the BAT+ fuse into the yellow cable slot.





STEP 8: Find a Proper GND (Ground wire, negative pole)Spot

Find a bolt/screw around the fuse box, and connect the black wire to the bolt/screw with a wrench.

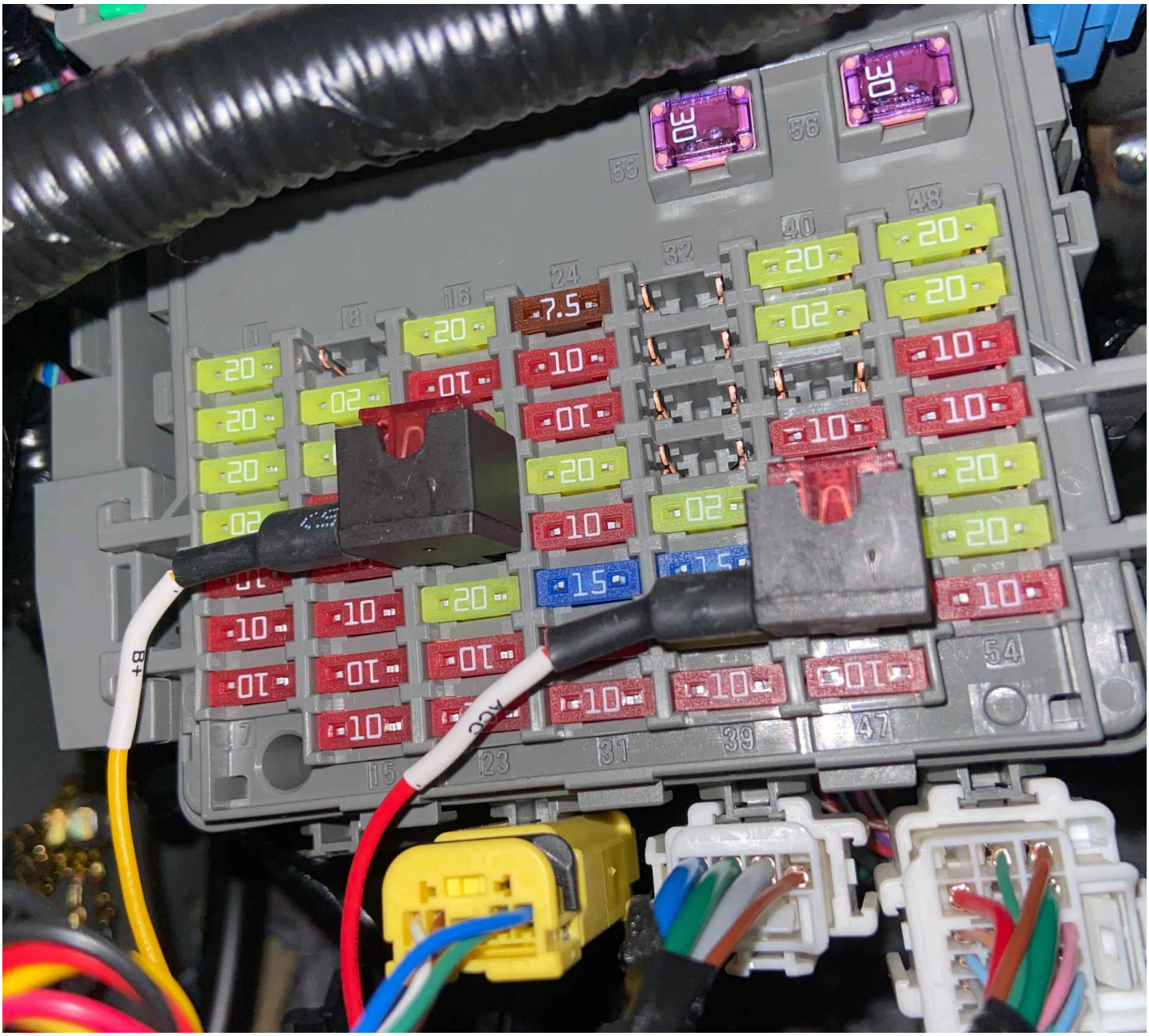




STEP 9: Insert the Fuse Cable into the Fuse Box Slot

Insert the red cable into the ACC fuse slot.

Insert the yellow cable into the BAT+ slot.



STEP 10: Test the Power-on / off Status

When starting the car engine, see if the dash cam will turn on automatically.

When locking the car, see if the dash cam will turn off automatically. (After locking the car, the dash cam may delay turn off)

How to test the parking mode: When the dash cam is turned off, then tap the dash cam to see if it will automatically turn on and record video.





The blue light blinking means it is recording.