

DVR INSTALLATION

Powered by Jimi DVR 2023

Find Fuse Box



There are usually two fuse boxes in a vehicle. One is located in the engine compartment.

This is not suitable for the installation for the following reasons:

1. High temperature
2. Difficult to route the cable into the cabin

Find Fuse Box



Under driver-side
dashboard



Both sides
of dashboard



Under passenger-side
dashboard

Attention: To disassemble the dashboard, please contact a flagship store

Locate Wires

Preparation



Multimeter

1. Turn dial to DC voltage
2. Insert the probes into the COM and V Ω jacks.

Locate Wires

Decide the fuse for installation



1. Connect the red probe to the metal part on the fuse
2. Connect the black probe to any screw on the frame of the vehicle
3. Then the voltage reading will appear on the multimeter

Locate Wires

Select the fuse or part for wiring



Fuse for B+ wire

Locate a fuse that always has a voltage reading on the multimeter, regardless of ignition status.

Note: The voltage reading is normally around 12V or 24V.



Fuse for GND wire

Any screw on the frame of the vehicle



Fuse for ACC wire

Locate a fuse that:

1. Has no voltage reading when the vehicle is ignition off;
2. Has a voltage reading when the vehicle is ignition on.

That means this fuse is sync with ignition states

Connect Wires

Do remember the fuses you measure for both B+ & ACC wires.



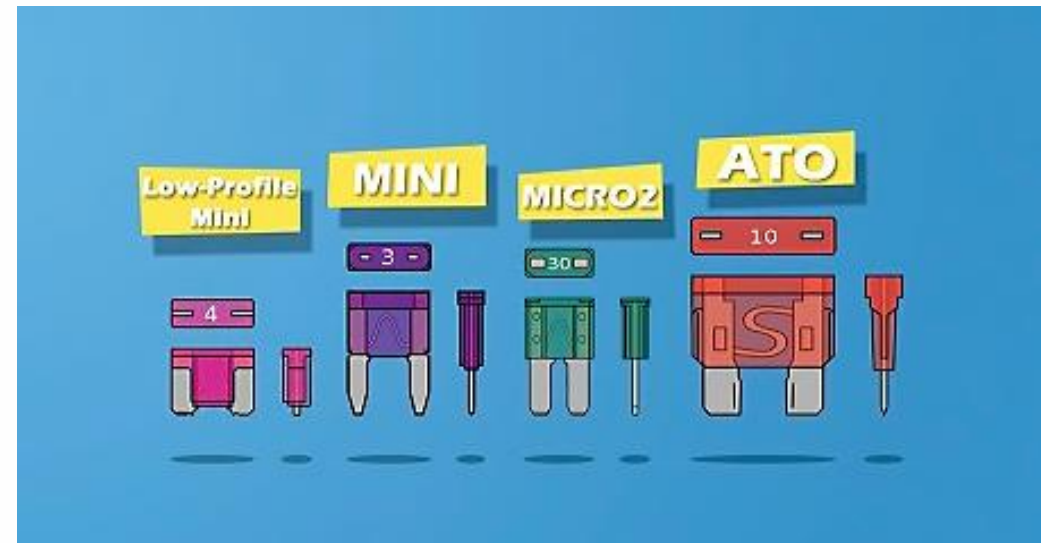
1. Remove the original fuse;
2. Measure which end has a voltage reading and make that end as IN and the other end as OUT;
3. Connect both wires to the OUT ends to ensure that the fuses will continue to work even if a short circuit occurs.

Connect Wires

"Add-a-Circuit" is recommended for the purpose.

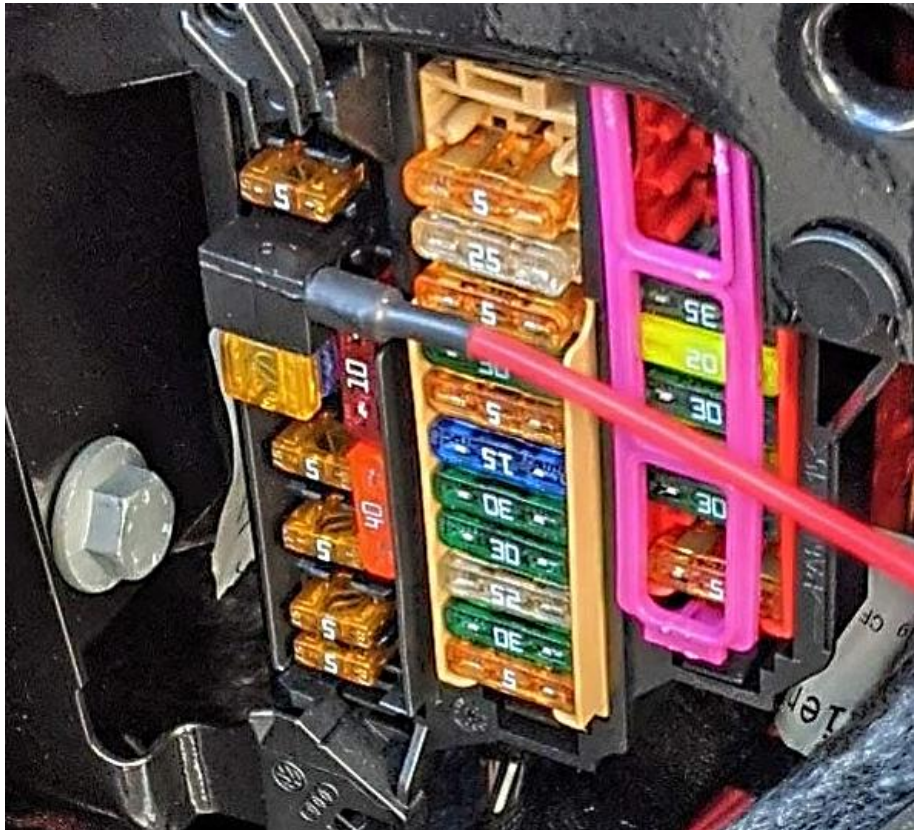


There are four fuse types, you can identify which type your vehicle is using by the following figure.



Connect Wires

"Add-a-Circuit" is recommended for the purpose.



1. The original factory fuse is kept.
2. No damage, no risk of short circuit

Check Connections-With JC400

1. Connect the device during ignition off

- The device will not turn on;
- **If the device turns on, the ACC wire is incorrectly connected.**

2. Ignition on

- The red indicator on the device will light up
- **If the device fails to turn on, a check on all connections should be made.**

3. Leave the ignition on for about 3 minutes

- The three indicators on the device will all light up

4. Ignition off

- The red indicator on the device will flash at the interval of 10s
- **If the red indicator fails to flash, then the B+ wire is incorrectly connected.**

Attach Device

Use pre-moistened lens and glass cleaning wipes to clean the install position on the windshield.



Attach Device

Remove the protective film of the bracket and plug onto device



Attach Device

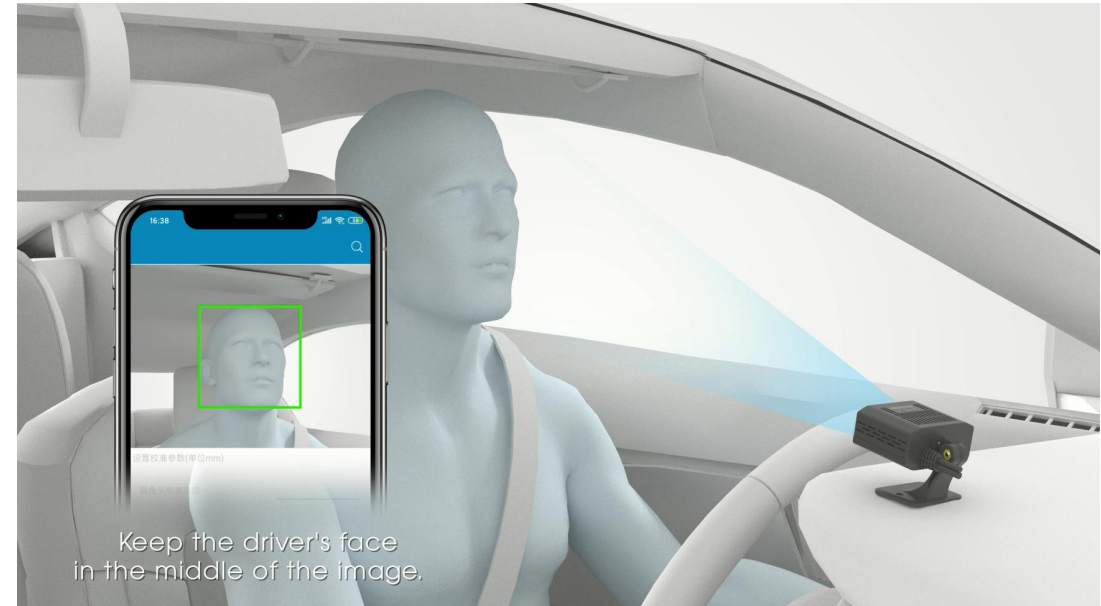
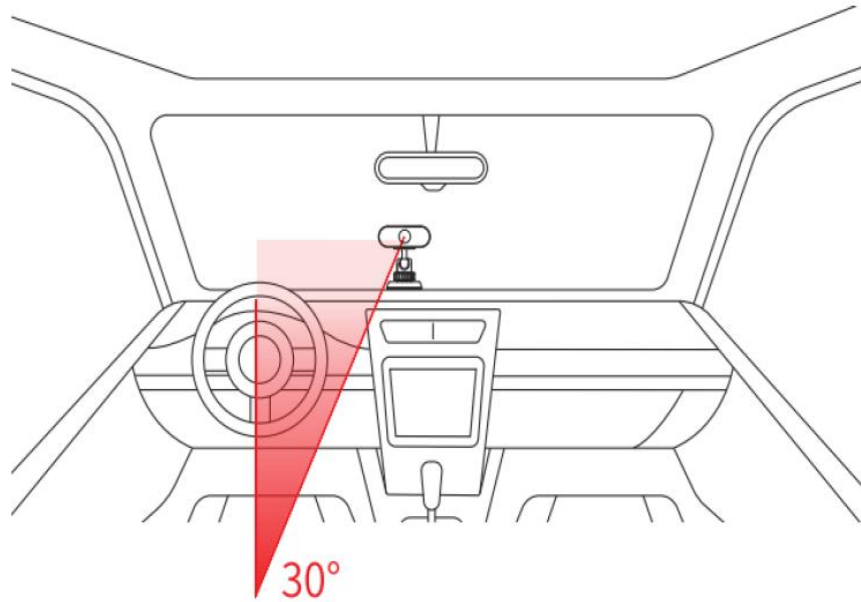
1. Turn on the device and use the mobile app to view the live video from the camera;
2. Adjust the lens to ensure the capture angle is parallel to the road;
3. Attach the whole set to the windshield.



Note: To ensure a firm grip on the windshield, unlock the device from the mount base. Then use moderate force to press the base firmly into place and leave it as it is for 2 hours before clicking the unit back.

Install DMS Camera

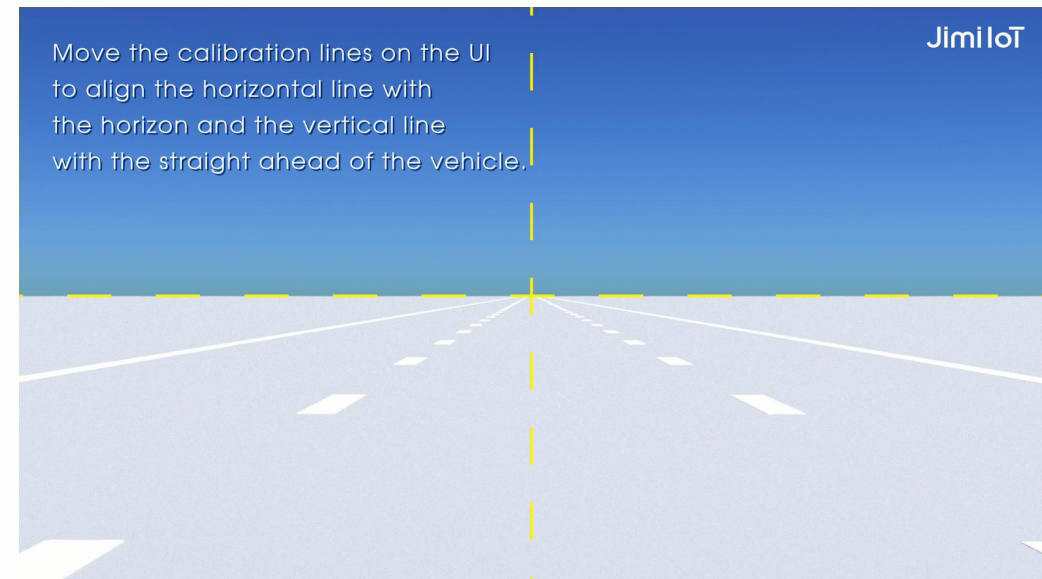
1. Install the camera in a position that forms a 30 degrees left to or right to the driver;
2. The optimum height is level with the driver's shoulders;
3. Adjust the camera so that the driver's face appears within the green frame on the calibration app.



ADAS Calibration

1. Please measure the height/length of the vehicle by following the instructions in the video;
2. The horizontal calibration line affects the distance at which the AI detects vehicles ahead;
3. The vertical calibration line affects how the AI judges the lane markings.

If a truck is too wide and may be too close to the lane markings, it is recommended to enter values smaller than the measurements in the “lens-to-wheel distance” fields.



One More Thing to Say

Always remember to remove the protective film from each camera lens for the best possible video quality

To be continued

Jimi IoT

Thanks

Shenzhen Jimi IoT Co., Ltd.

Add: 3-4/F, Block A, Building #7, Shenzhen International Innovation Valley,
Dashi 1st Road, Nanshan District, Shenzhen, Guangdong, China

Tel: +86-755 2759-9531

www.jimilab.com

Making connections simpler