

Kia EV9 Wire Tap Installation Instructions

You can view how to remove the panels in a brief video [here](#)

Helpful Resources:

- Installation Video: https://youtu.be/Y1xqApkks7g?si=dBtDd_NvYLzmwR9S

Before contacting me, please read the FAQ to familiarize yourself with the device and get answers to the most common questions. I get many emails from people thinking the device is broken when they've simply inadvertently deactivated it with the key fob.

- Troubleshooting/FAQ: [Access here](#)

For assistance, contact: theioniqguy@gmail.com

1. Remove both trunk side covers by flipping up the false floor and then pulling straight upon the plastic parts on each side of the trunk.

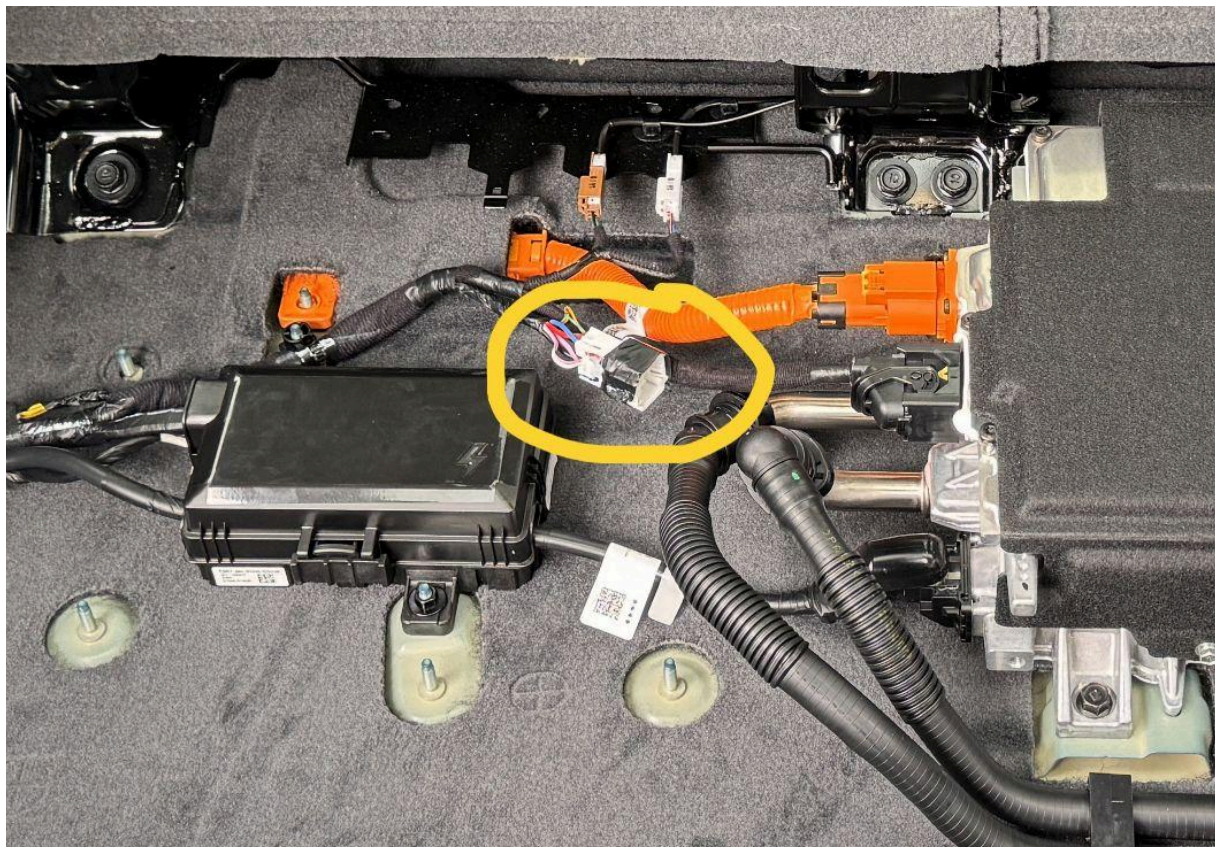




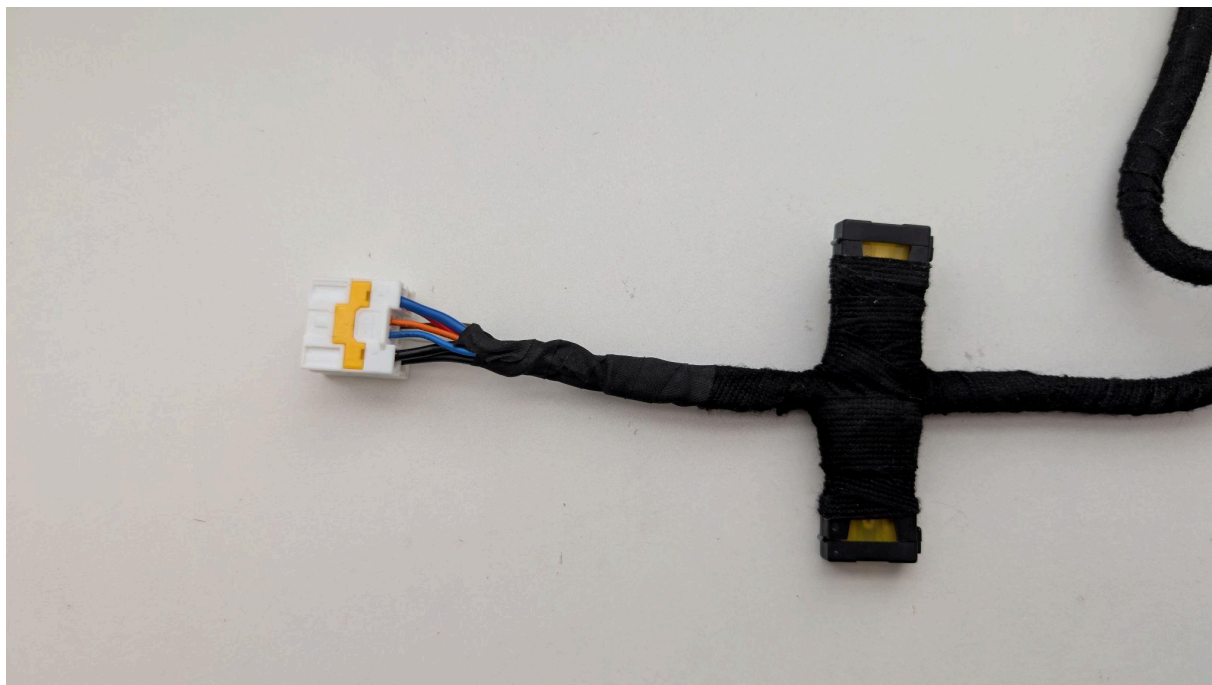
2. Place your hands in the yellow circled areas and pull straight up to remove the plastic floor tray.



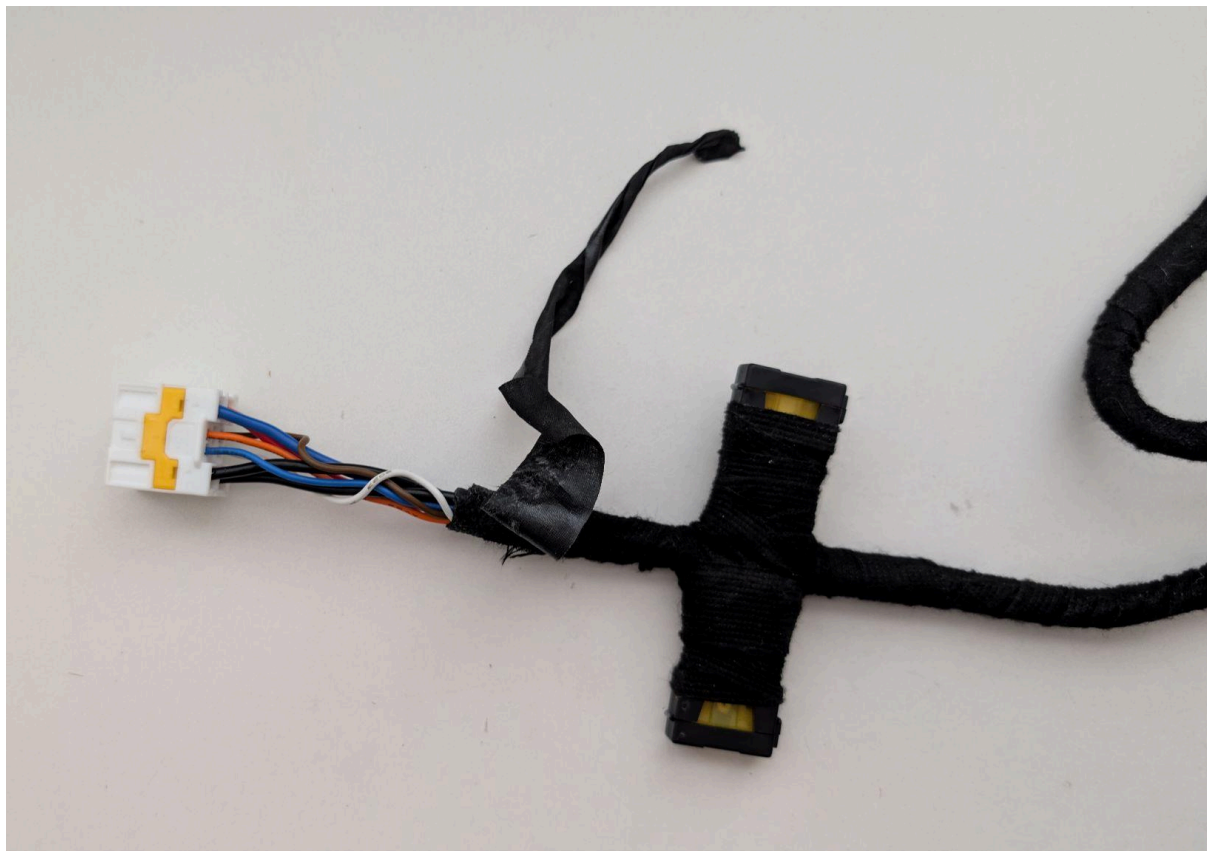
3. You will see in the center of the floor a white connector taped to another cable with black electrical tape. There will be another connector attached to it with wires leading to the bottom of the car. This is your trailer wiring that you will be attaching the wire taps to.



This is what the trailer light wiring looks like before installed in an EV9. If your car doesn't yet have trailer light wiring installed, jump forward to step 5



4. Peel back the black fabric tape over the end of the trailer wiring to expose the wires.



5. Shorten the wires that come attached to the new auto-lock module. You'll likely only need about 10 inches of length.
6. Now you will attach the provided wiretaps to your new auto-lock module following the manufacturer's instructions.

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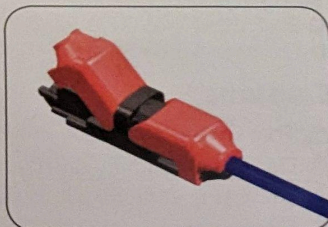
Step 1: With cap open, align wire to wire hole of cap



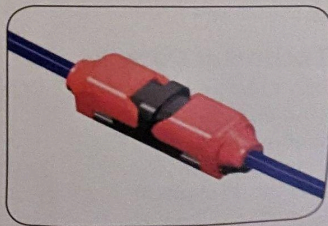
Step 2: Insert wire through the wire hole till the wire end beyond the blade a bit.



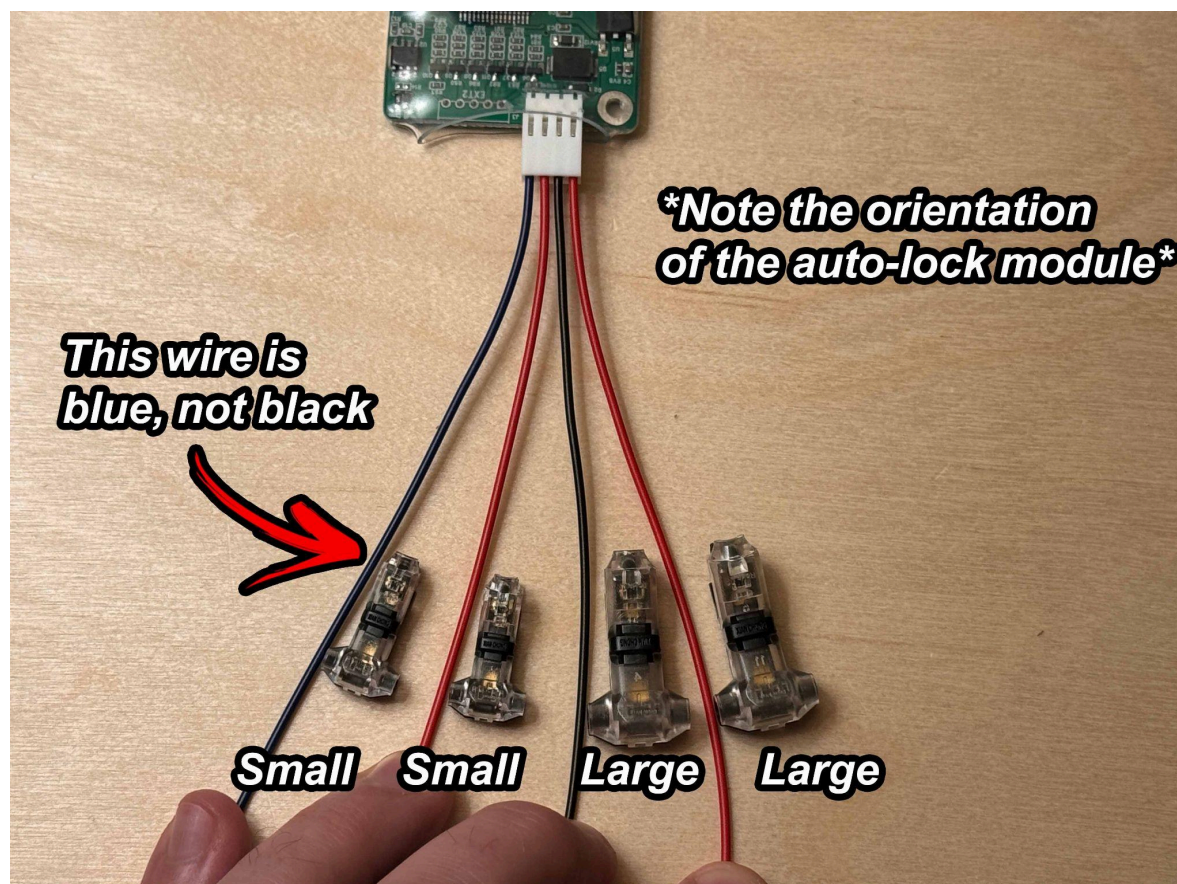
Step 3: With pliers, clamp cap down slowly till the cap hook is locked by base hooking groove at two side.



Step 4: Repeat Step 1~3 to connect another section of wire.



Manufacturer's Instructions



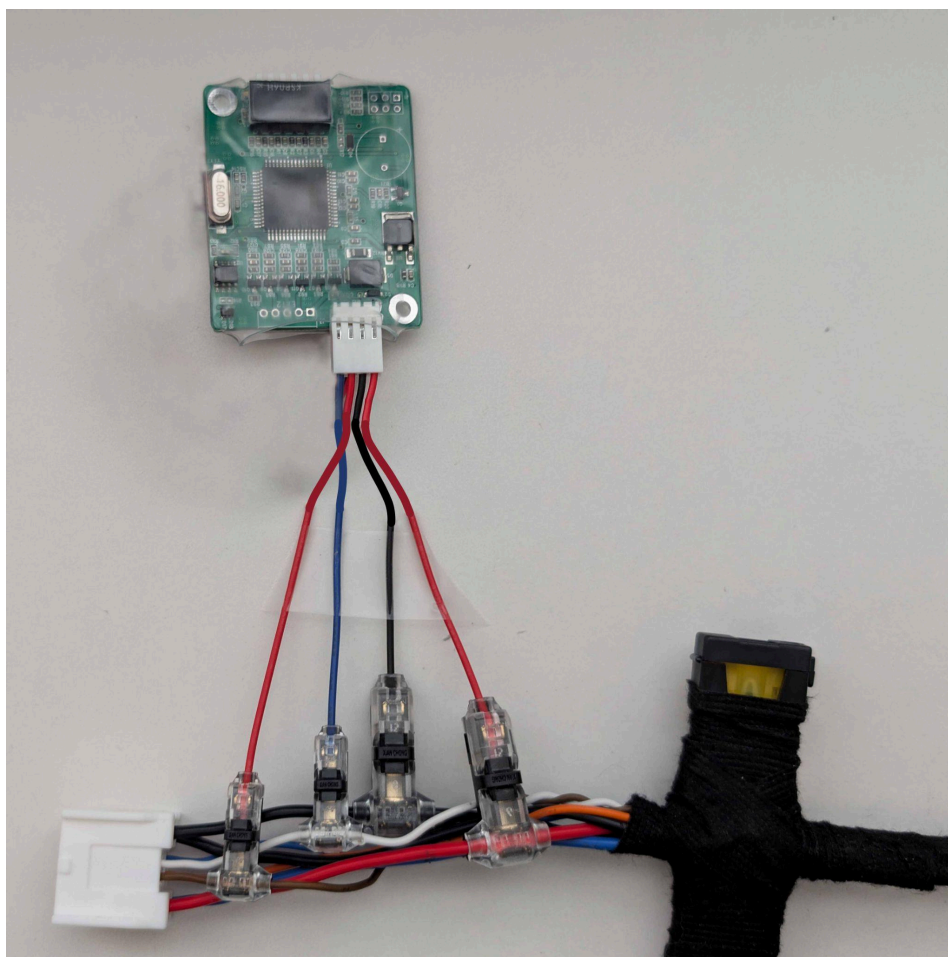
Which wiretaps go on which wire

7. Now you will connect the wire taps coming from the new module to the trailer wiring. Please read ahead in these instructions before continuing as this is a critical juncture
IF YOU ARE UNSURE, DO NOT GUESS WHICH WIRES TO USE. Mismatching wires will cause a diode on the device to blow and it will be dead at that point. I do not accept returns for damaged devices due to improper installation.

You can install the wire taps either on the car's factory wiring harness OR on the trailer light wiring that runs underneath the car to provide lighting for your trailer.

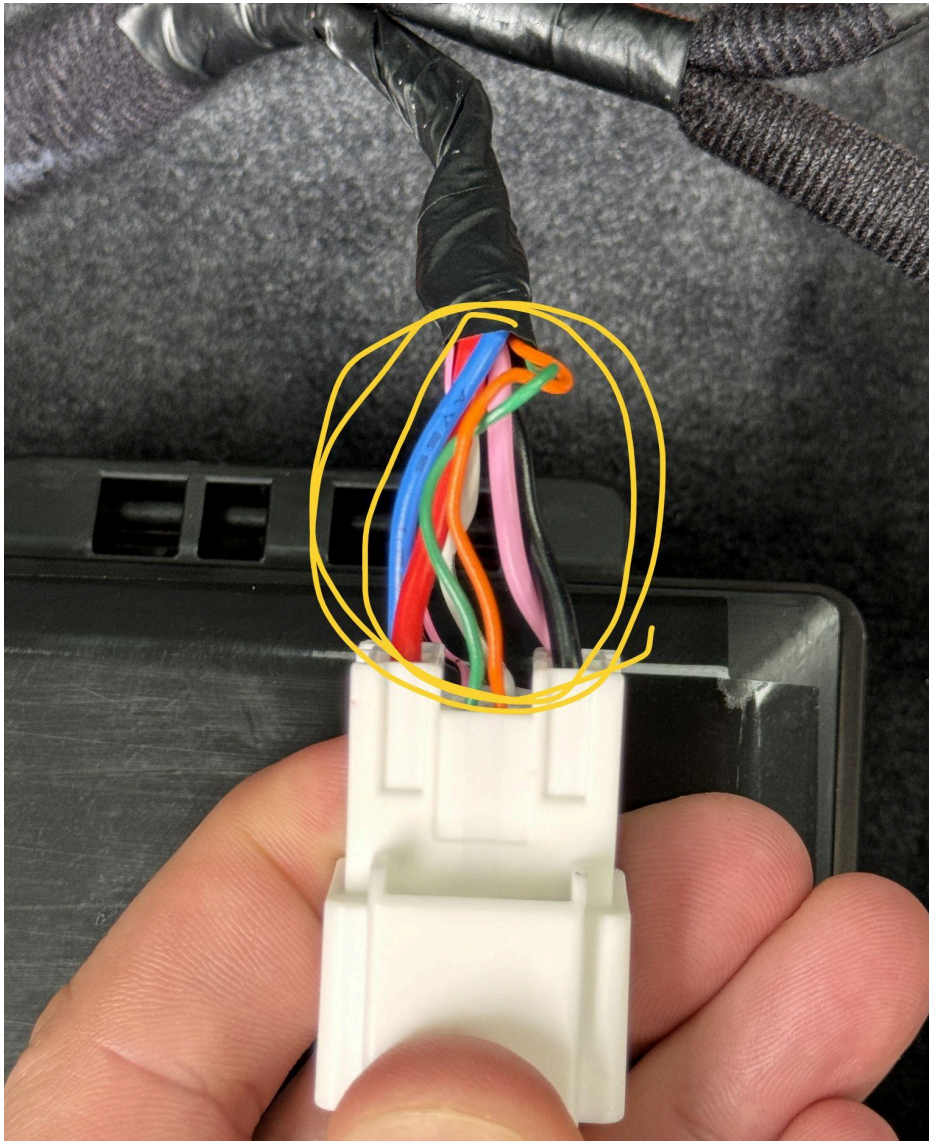
Wire connections if you are installing on the trailer light wiring harness side of the trailer light connector

Trailer Wires	Locking Device Wires
Black	Black with large tap
Red	Red with large tap
Brown	Red with small tap
White	Blue with small tap

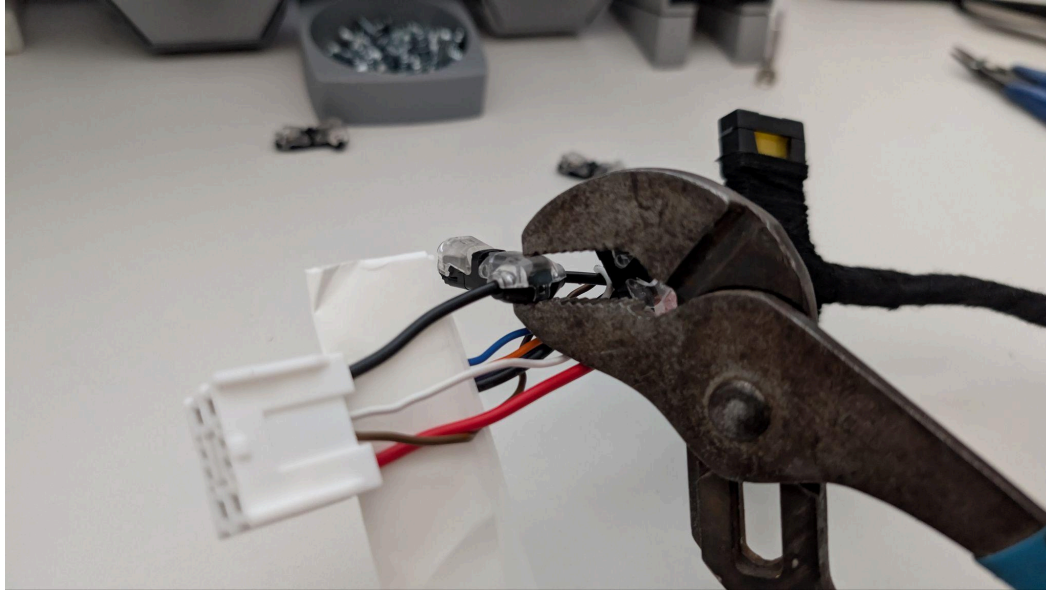


Wire connections if you are installing on the cars side of the trailer light connector

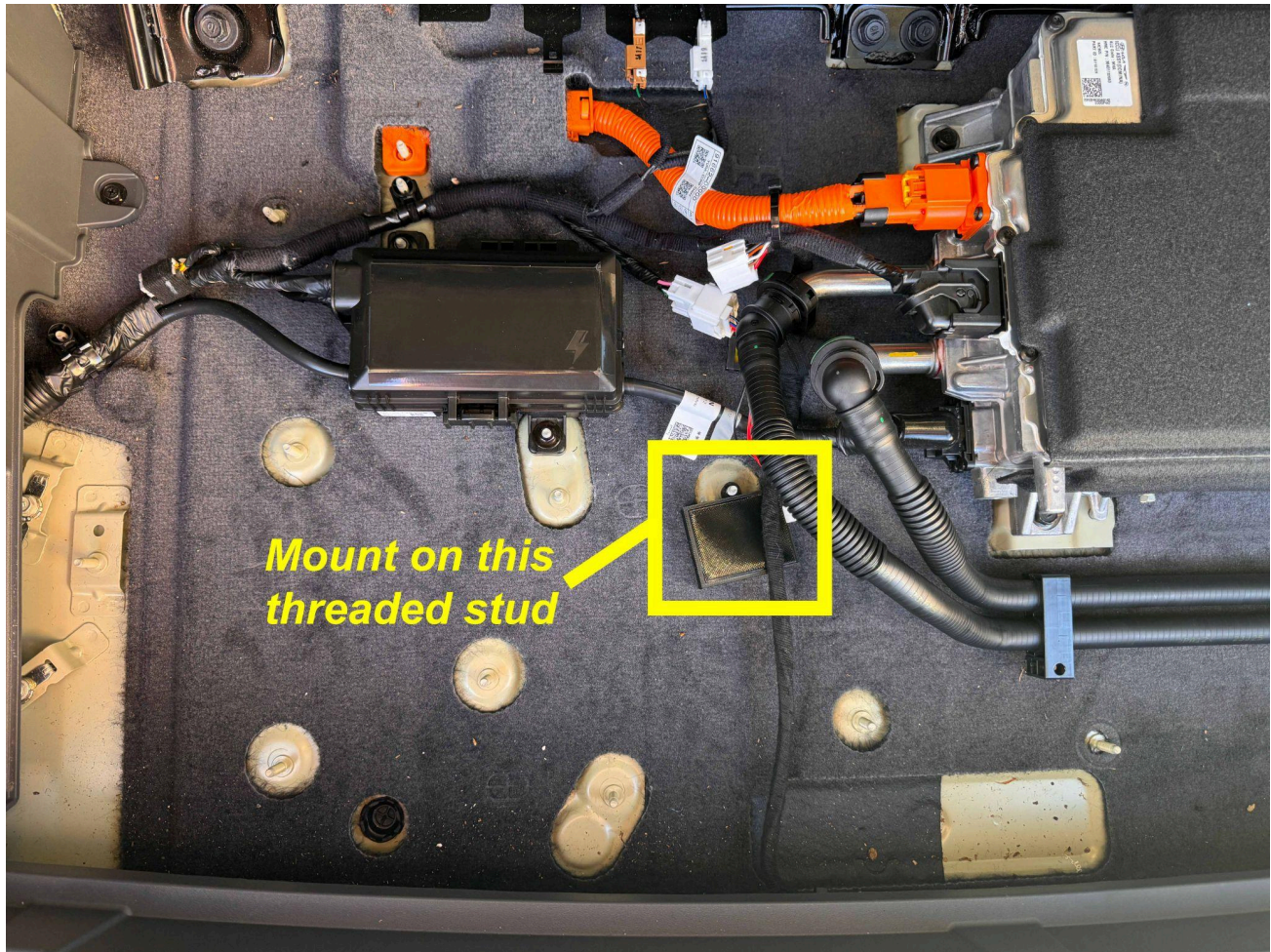
Car Wires	Module Wires
Black	Black with large tap
Orange	Blue with small tap
Green	Red with small tap
Red	Red with large tap



Pliers will likely be necessary to ensure the clips are fully closed



8. Make sure that at least one green LED on the device is illuminated. This LED will show that it is getting 12V power. If it doesn't, verify your connections and make sure the tap is engaged to the wires properly. Squeezing it closed with pliers will ensure a tight connection.
9. If you purchased the case, attach it to the threaded stud as shown below. You need to use this exact stub to ensure that it doesn't interfere with placing the load floor back into place.



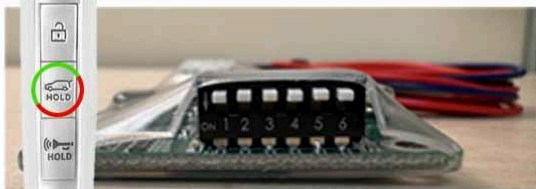
10. Installation is complete and now you can test the device! To test the device, you need to first close the trunk. You should be able to do this without putting everything back together.
11. To activate the auto-lock function, rapidly press either the trunk button 3 times. If you put DIP switch 1 in the on position, you can enable auto-lock by pressing the lock button on your keyfob 3 times rapidly. You can also disable auto-lock by pressing the unlock button 3 times rapidly.



View as a HD video: [Watch here](#)

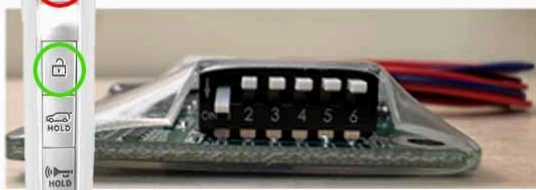
DIP Switch Settings

All Off



Press trunk button 3 times rapidly to enable/disable auto-lock function

1 On



Press lock button 3 times rapidly to enable auto-lock or press unlock button on keyfob 3 times rapidly to disable auto-lock

If you unlock the door, open and shut the door, within 10 seconds you should see and hear the vehicle lock. If you don't, check your wiring

**Before living with the device installed you need to know its limitations.
PLEASE READ!**

- If the car is on or placed into utility mode and you leave the car, it will not lock
- If the car is in accessory mode (no foot on the brake and start button pressed) and you leave the car, **it will lock and the only way to unlock will be through the Kia Connect app.**
- If you close and leave the car before your passenger doors or rear hatch are closed, it will auto lock the car after all remaining doors are shut
- This device will not interfere with smartphone/watch/card unlocking.