

**WOLFBOX**

Drive on. Always on.

# Multi-Size Type-C Hardwire Kit

## User Manual

[wolfbox.com](http://wolfbox.com)

The information in this manual is subject to change without notice.



## IC Warning

This device contains licence-exempt transmitter(s)/receiver(s)/ that comply with Innovation Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1. This device does not cause interference.**
- 2. This device could afford interference, including interference that may cause undesired operation of the device.**

Radiation Exposure: This equipment complies with Canada's radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with IC's RF Exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This device and its antenna (s) must not be co-located or be in operation in conjunction with any other antenna or transmitter.

## Déclaration de l'ISED Canada

Cet appareil contient des transmetteur(s)/récepteur(s) sans licence/ conformes à l'innovation RSS exemptes de licence de Sciences et Développement économique Canada. L'opération est sous réserve des deux conditions suivantes:

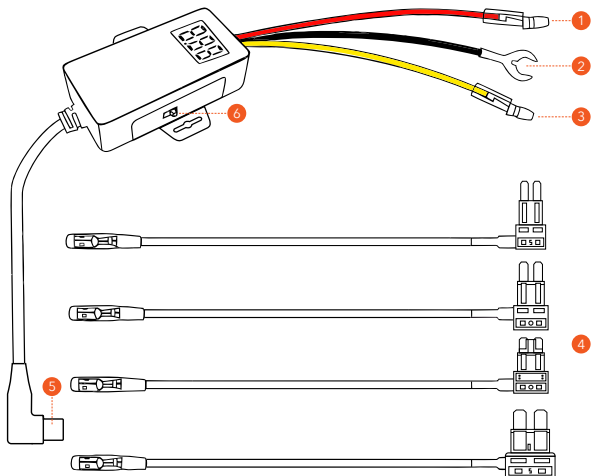
- 1. Cet appareil ne peut pas causer d'interférences et.**
- 2. Cet dispositif doit accepter toute interférence, y compris peut provoquer le fonctionnement indésirable de l'appareil.**

Exposition aux rayonnements: Cet équipement est conforme aux radiations du Canada limites d'exposition pour un environnement incontrôlé noncé d'exposition RF Pour maintenir le respect des guides d'exposition RF d'IC, cquipment doit être installé et actionné avec une distance minimale de 20cm le radiateur de votre corps. Cet appareil et ses antennes ne doivent pas être co-localisé ou en opération en conjonction avec toute autre antenne ou émetteur.

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## Product View



1 Red Wire to ACC

4 Four Types of Fuses  
Adapters (ATO, MiniACN,  
Micro2)(2 sets)

2 Black Wire to the Ground

5 USB Type-C port

3 Yellow Wire to B+

6 Hardwire Kit Switch

## Specification

Input Voltage	DC 12V-24V
Output Voltage	5V
Working Temperature	-22°F to 158°F
Low Voltage Protection	12V vehicle: 12.4V/12V/11.6V 24V vehicle: 24.4V/24V/23.6V

## Switch Button Instruction

### 12V vehicle:

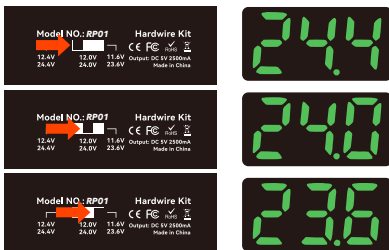
After adjusting the hardwire kit switch from left to right, the protection voltage will be adjusted from 12.4V - 12V - 11.6V



(12V vehicle voltage protection regulation)

## 24V vehicle:

After adjusting the hardwire kit switch from left to right, the protection voltage will be adjusted from 24.4V - 24V - 23.6V



(24V vehicle voltage protection regulation)

Every time the voltage switch button is adjusted, the display will first show the currently set protection voltage, and then within 2 seconds, it will display the current voltage of the car battery. When the car battery voltage reaches the currently set protection voltage, it will automatically shut off within 5 minutes and stop supplying power to the dashboard.

Notice: The voltage display error is  $\pm 0.2V$ , which does not affect the voltage protection function of the hardwire kit.

## Installation

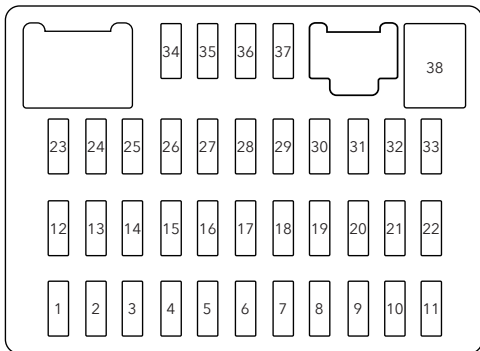
Please read this manual before installation. When installation and wiring, please turn off the car and unplug the key to avoid the short circuit during operation.

### Step 1

Find the correct fuse slot for your hardware kit:

- 1 12V-30V rated power fuse
- 2 ACC fuse

The location and layout of the car fuse box and the type of fuse used may vary from vehicle to vehicle. Please refer to your vehicle manual and consult the original vehicle manufacturer or a professional automotive parts installer for specific details. We recommend seeking professional assistance to avoid installation errors. A simplified diagram of the fuse box is provided below for reference:

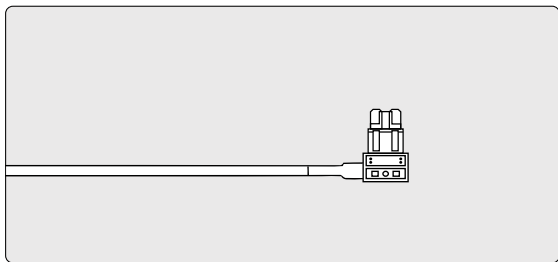




<b>NO.</b>	<b>Amp.</b>	<b>Circuits Protected</b>
1	7.5A	Power Window
2	15A	Fuel Pump
3	10A	Alternator
4	7.5A	ABS/VSA Unit
5	15A	Injection
6	20A	Front Fog Lights
7	-	Not Used
8	-	Not Used
9	7.5A	ODS
10	7.5A	METER
11	10A	SRS
12	10A	Right Headlight High Beam
13	10A	Left Headlight High Beam
14	7.5A	Small Light (Interior)
15	7.5A	Small Light (Exterior)
16	10A	Right Headlight Low Beam
17	10A	Left Headlight Low Beam
18	20A	Headlight High Beam Main
19	15A	Small Lights (Main)

20	-	Not Used
21	20A	Headlight Low Beam Main
22	-	Not Used
23	-	Not Used
24	-	Not Used
25	20A	Door Lock
26	20A	Driver's Power Window
27	20A	HAC Option
28	-	Not Used
29	15A	ACC
30	20A	Front Passenger's Power Window
31	-	Not Used
32	20A	Rear Right Power Window
33	20A	Rear Left Power Window
34	-	Not Used
35	7.5A	ACC Radio
36	10A	HAC
37	7.5A	Daytime Running Light
38	30A	Front Wiper

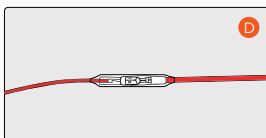
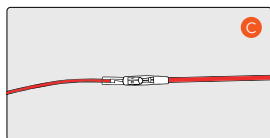
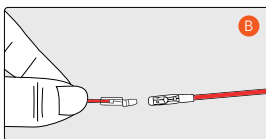
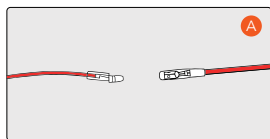
According to the instruction of the fuse box, test the fuse panel to find the location of ACC fuse and 12V-30V rated power fuse with a circuit tester or multimeter. Then remove the original fuse and insert it into the fuse box.



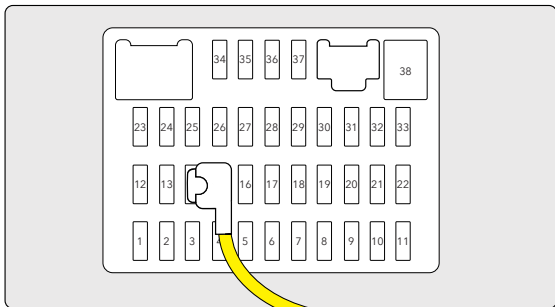
## Step 2

Connect to car fuse box

- 1 Crimp the red wire, yellow wire onto the Add-A-Fuse.

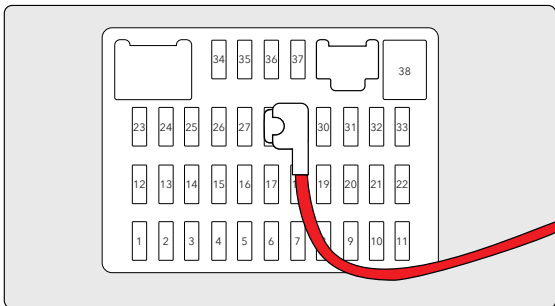


- 2 Please identify the appropriate rated power fuse on the fuse panel, such as the fuses for appliances and reading lights. The rated power fuse should remain energized even when the ignition is off. Once you have identified the correct fuse, insert the yellow wire into the 12V-30V rated power fuse slot.

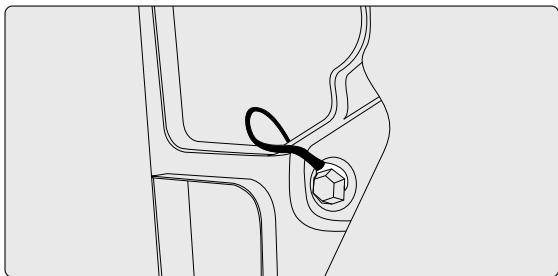


- 3 Insert the red wire into the into the ACC fuse.

Note: The location, layout, and fuse types used in the car's fuse box may vary from one vehicle to another. Please refer to your vehicle's manual for specific details.



- 4 Fix the black wire(GND)under a metal bolt or screw in your vehicle.



### Step 3

Test your installation following the steps below:

- 1 Insert the TYPE-C end into the dash cam and start the ignition, waiting for the dash cam to power on.

Note: If the dash cam does not turn on after startup, please check the cable connection. If the issue persists, contact WOLFBOX service staff for assistance.

- 2 Once the dash cam is on, turn off the car and remove the key to check if the dash cam turns off or enters parking mode.

Note: Some vehicles require turning off the engine and opening the driver's door to trigger the ACC power-off signal. A few vehicles only activate the ACC power-off signal after a certain period of time or locking the vehicle. For these types of vehicles, ensure that the dash cam turns off or enters parking mode after the ACC power is turned off.























- 3 After confirming that the dash cam is off or in parking mode, restart the car to verify if the dash cam can start recording normally.

If all the above steps pass the test, it indicates that the circuit and ACC signal are functioning correctly.

## Caution

Before using the product, please carefully read all precautionary and operating instructions to ensure correct and safe usage.

- Note that some vehicles may not provide ACC signal changes during ignition and shutdown, which means they cannot transmit ACC signals to the dash cam during parking monitoring. As a result, certain functions may not work properly in such cars.
- Prior to installation, please thoroughly check the product labels to differentiate the yellow wire, black ground wire, and red ACC wire.
- Incorrect wire connections, reverse wiring, or missing wires can lead to abnormal product functionality. Please ensure proper wiring to avoid any issues.
- Please avoid using the product in high-temperature and humid environments to prevent any abnormal product functionality caused by adverse conditions.
- If you notice any damage or functional failure of the product, please discontinue its use immediately to prevent any potential damage to the vehicle's power supply, vehicle battery, and dash camera.
- Please ensure that you use the product within the legal limits and regulations governing its usage.

Signal wire type	Red Wire to ACC	Yellow Wire to B+	Black Wire to the Ground	Result
 Red ACC  B+  Ground				<b>Driving mode:</b> normal <b>Parking mode:</b> normal
 Red ACC  B+  Ground				<b>Driving mode:</b> normal <b>Parking mode:</b> failed
 Red ACC  B+  Ground				Unable to power on
 Red ACC  B+  Ground				Unable to power on



## Warranty&Support

Thank you for purchasing the hardwire kit. We hope you will find it practical and enjoyable to use. If you encounter any difficulty during the installation of the hardwire kit, please contact us. Most common issues are easily resolved, and we should be able to get you up and running in no time.

Our product comes with a one-year warranty service, and in the unlikely event that we are unable to assist you, we are happy to provide a full refund. Our primary goal is to ensure customer satisfaction, and we take pride in serving our customers who choose to use WOLFBOX products.

While no product is perfect, we are committed to providing excellent customer service and making every effort to address any concerns you may have.

## Customer Service Center

If you have any problems with the function or installation, please feel free to reach us.



Help Center



WhatsApp



### For more information:

✉ [contact@wolfbox.com](mailto:contact@wolfbox.com)

🌐 [www.wolfbox.com](http://www.wolfbox.com)

💬 <https://wolfbox.com/contact-us>



# WOLFBOX

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Check us out here!  
We have professional customer service!

Email: [service.wolfbox@gmail.com](mailto:service.wolfbox@gmail.com)

Phone: +1 888 296 8399



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