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Gebildet E1319

Gebildet Type C USB Dash Cam Hardwire Kit - Model E1319

Instruction Manual

1. PRODUCT OVERVIEW

The Gebildet Type C USB Dash Cam Hardwire Kit provides a reliable power solution for your dash camera or other Type-C USB powered devices. It converts 12V-24V vehicle power to a stable 5V/2.5A output, enabling continuous operation and parking surveillance features. The kit includes low voltage protection to prevent vehicle battery drain.

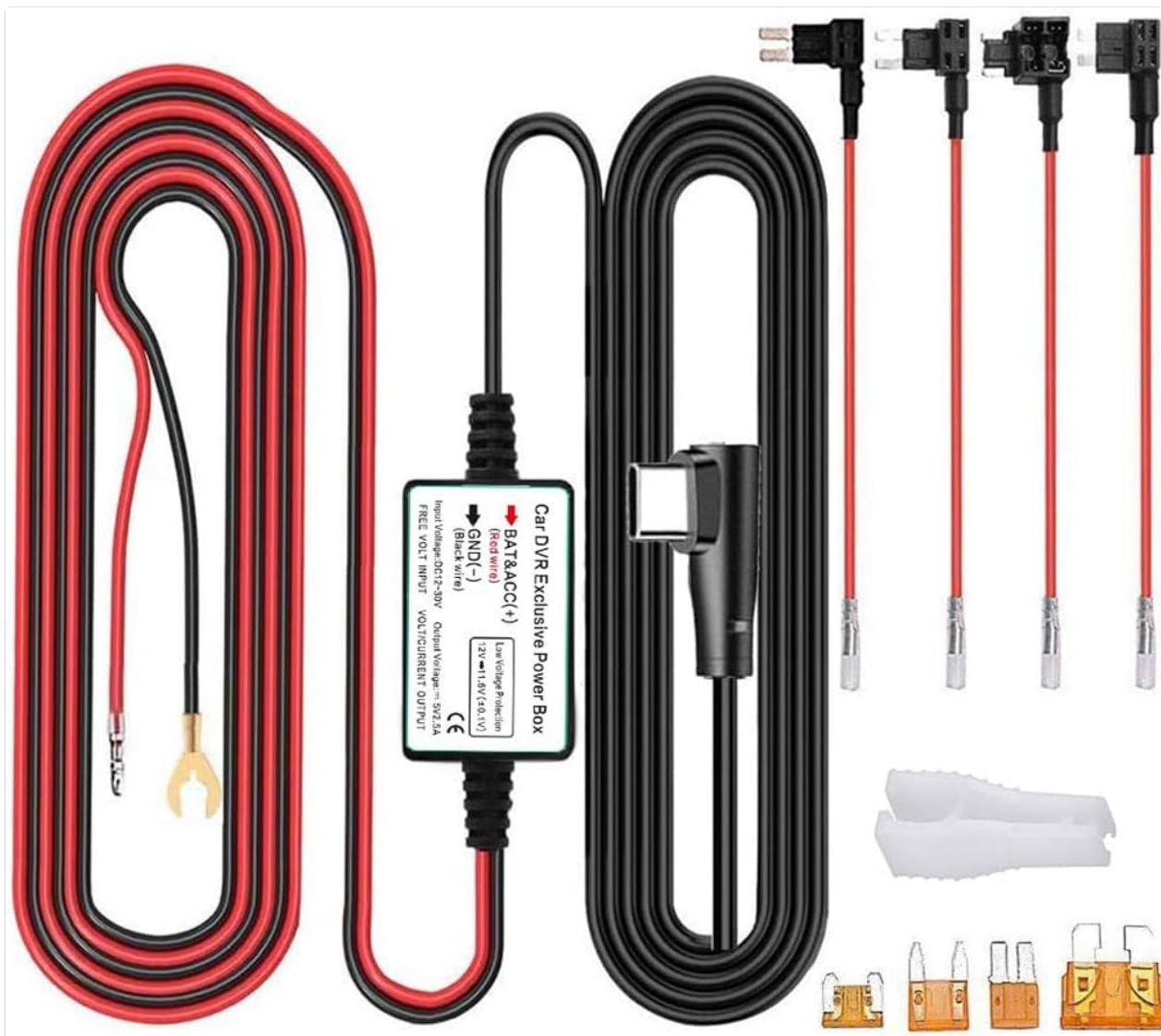


Image 1.1: All components included in the Gebildet Type C USB Dash Cam Hardwire Kit.

2. PACKAGE CONTENTS

- Type C USB Hardwire Kit (13ft/320cm cable)
- Low-Profile Mini Fuse Adapter
- Mini Fuse Adapter
- ATO (Normal) Fuse Adapter
- Micro2 Fuse Adapter
- Cable Pry Tool
- Adhesive Cable Clips

3. SAFETY INFORMATION

Before beginning installation, ensure the vehicle engine is off and the negative terminal of the vehicle battery is disconnected to prevent short circuits. If you are unfamiliar with vehicle electrical systems, it is recommended to seek professional assistance for installation.

4. INSTALLATION GUIDE

4.1. Identify Fuse Box Location

First, locate your vehicle's fuse box. This is typically found in the driver's side footwell, glove compartment, or trunk. Consult your vehicle's owner's manual for the exact location.

4.2. Select Appropriate Fuse Taps

The kit includes various fuse adapters (Low-Profile Mini, Mini, ATO, Micro2) to ensure compatibility with most vehicle fuse boxes. Identify the type of fuse used in your vehicle and select the corresponding adapter.

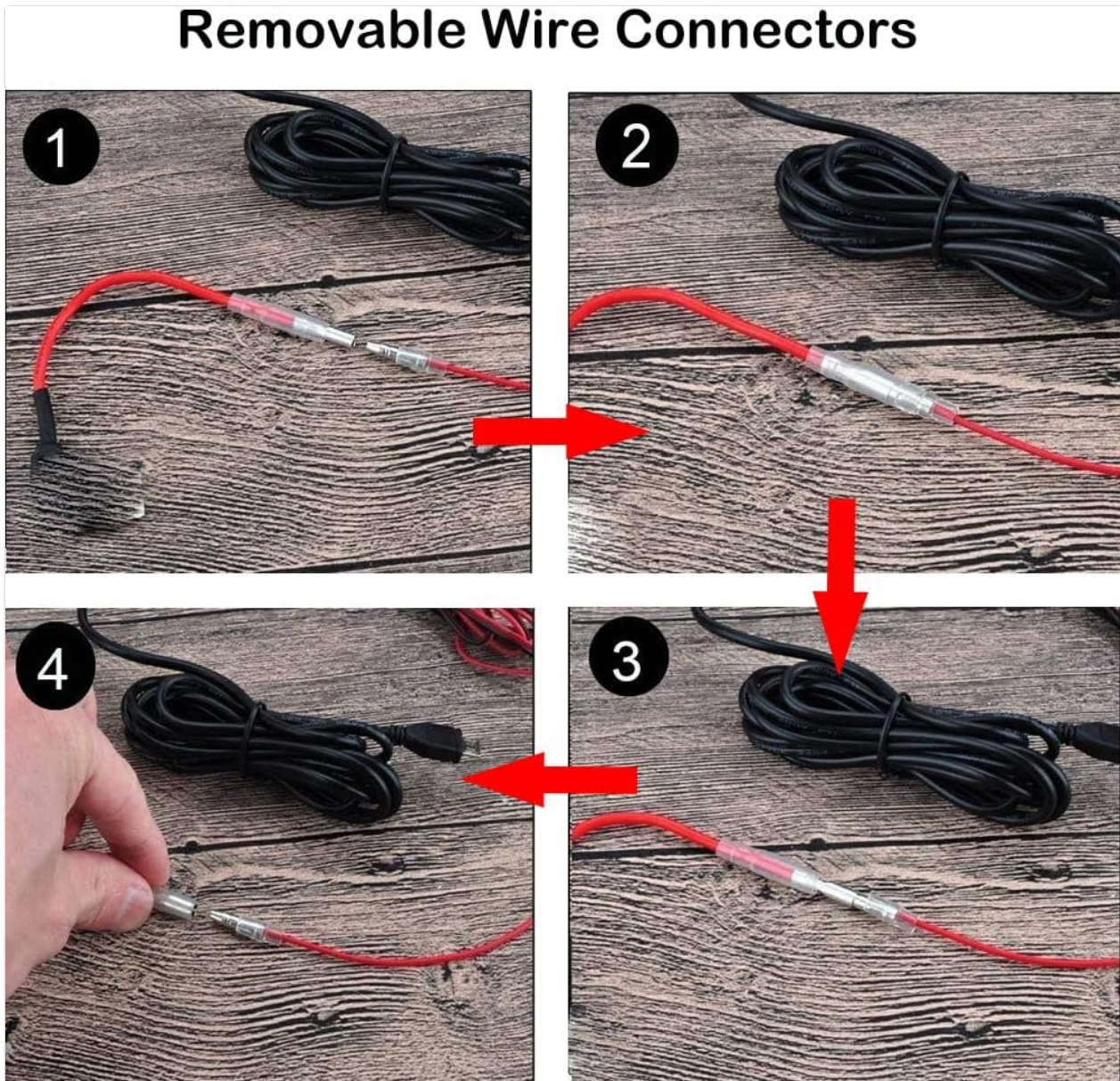


Image 4.1: Fuse tap assembly showing how to insert the fuse into the holder.

Each fuse tap has two slots: one for the original fuse and one for the new circuit's fuse. Ensure the fuse is correctly plugged into the holder.

4.3. Identify ACC and B+ Power Sources

The hardwire kit requires two power sources from the fuse box:

- **ACC (Accessory):** Provides power only when the vehicle ignition is on. This is typically used for the dash cam's normal recording mode.
- **B+ (Battery):** Provides constant power, even when the vehicle is off. This is essential for parking surveillance mode.

Use a multimeter or a circuit tester to identify suitable fuse slots. The red wire of the hardwire kit connects to the ACC fuse slot, and the yellow wire connects to the B+ fuse slot. The black wire is for ground.

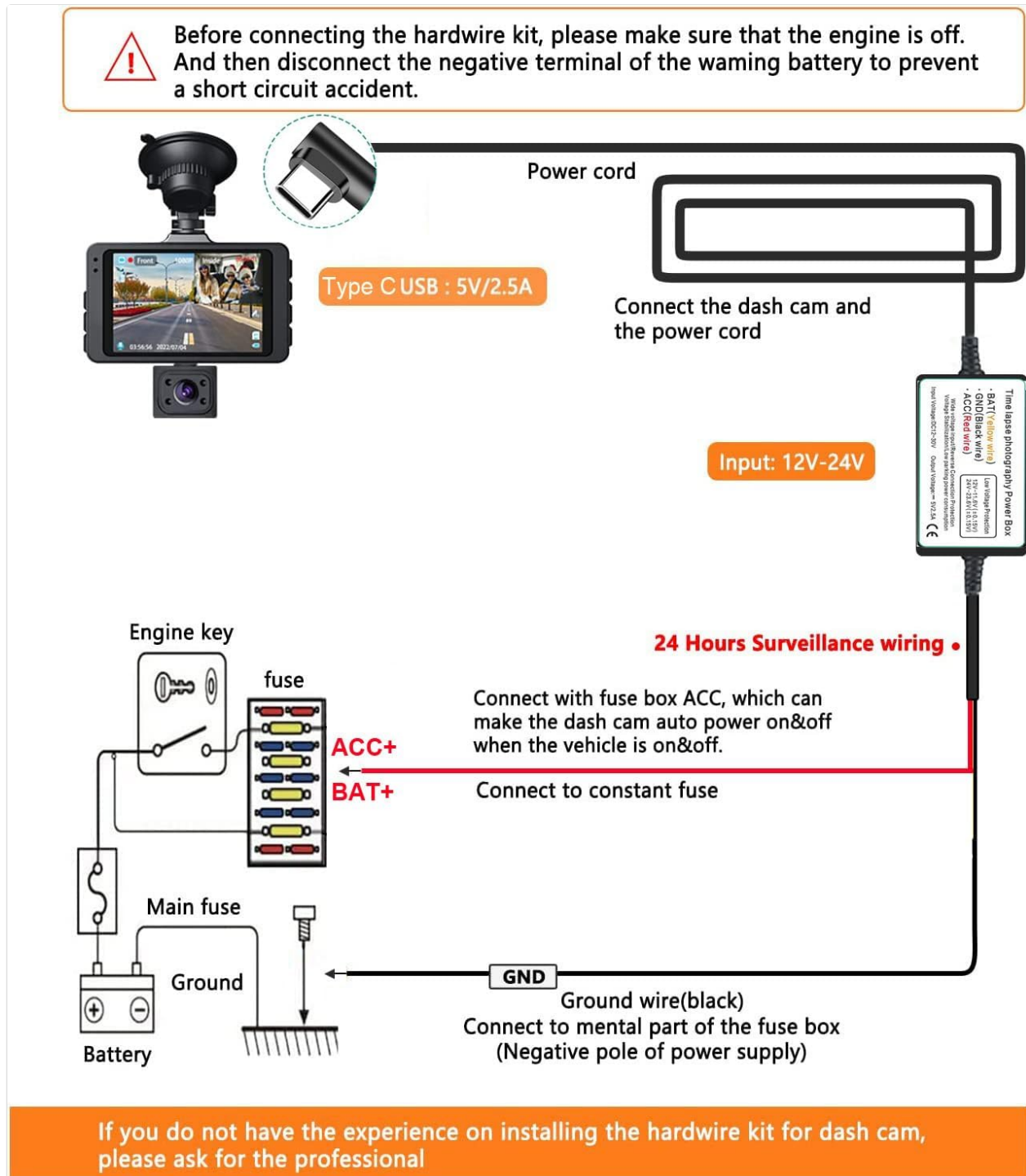


Image 4.2: Detailed wiring diagram for connecting the hardwire kit to the fuse box and ground.

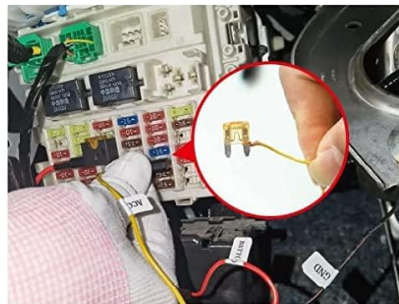
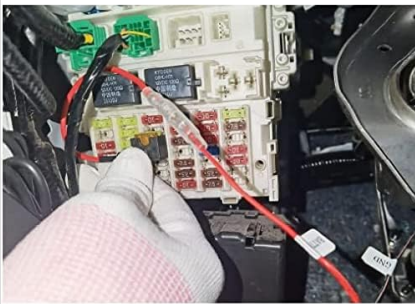
4.4. Connect Ground Wire

Connect the black ground wire to a metal bolt or screw on the vehicle's chassis, ensuring a secure connection to the negative pole of the power supply.

4.5. Route the Cable

Carefully route the Type C USB cable from the fuse box to your dash camera's mounting location. Use the included pry tool to tuck the cable neatly along the vehicle's interior seams (e.g., along the A-pillar, headliner, and dashboard) for a clean and hidden installation.

Hardwire Kit Installation



Step 1:

Please identify the rated power fuse on the fuse panel, such as the fuses for appliances and reading lights. The power rated fuse will remain energized when the ignition is off. Once identified, connect the red wire to the 12V-30V rated power fuse.

Step 2:

If your ACC fuse slot does not fit the ACC fuse socket that comes with the hardwire kit, you can cut off the fuse socket that comes with it and wrap the yellow ACC wire around your car's ACC fuse socket, then insert it into the fuse box.

Step 3:

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

Image 4.3: Visual guide for routing the hardwire cable along the vehicle's interior.

4.6. Connect to Dash Cam

Plug the Type C USB connector into your dash camera. Once all connections are secure, reconnect the vehicle battery's negative terminal and test the dash camera's functionality.

4.7. Installation Videos

For visual guidance, refer to the following installation videos:

Video 4.1: USB C Hardwire Kit for Dash Camera - General overview and components.

Video 4.2: Dash Cam Hardwire Kit - Installation steps and process.

Video 4.3: The installation of REDTIGER Hardwire Kit - Detailed installation process.

Video 4.4: DUOYONG Dash Cam Hardwire Kit - Another perspective on installation.

Video 4.5: Dashcam Power Supply and Bussman Add a circuit - Demonstrates power supply and fuse tap usage.

5. OPERATING INSTRUCTIONS

Once installed, the hardwire kit provides continuous power to your dash cam. If your dash cam supports parking mode, it will automatically activate when the vehicle engine is turned off, providing 24-hour surveillance.



Image 5.1: The hardwire kit enables 24/7 parking surveillance for compatible dash cams.

6. LOW VOLTAGE PROTECTION

The hardwire kit features an integrated low voltage protection mechanism. If the vehicle's input voltage drops below 11.6V (or 23.2V for 24V systems), the power supply to the dash cam will be automatically cut off. This prevents excessive battery drain, ensuring sufficient power remains to start the vehicle engine.

Video 6.1: Demonstration of the 11.7V Low Voltage Protection feature.

7. TROUBLESHOOTING

- **Dash Cam Not Powering On:** Verify all connections (ACC, B+, Ground) are secure and correctly wired.

Check the fuses in the fuse taps and the vehicle's fuse box. Ensure the dash cam itself is functioning correctly.

- **Parking Mode Not Working:** Confirm your dash cam model supports parking mode and that it is enabled in the dash cam's settings. Ensure the B+ wire is connected to a constant power source.
- **Vehicle Battery Drains:** Check the low voltage protection settings on your dash cam (if adjustable) or ensure the hardwire kit's protection is functioning. Ensure no other accessories are drawing excessive power.

8. SPECIFICATIONS

Feature	Specification
Model Name	E1319
Input Voltage	DC 12V-24V
Output Voltage	DC 5V
Output Current	2.5A
Cable Length	13ft (3.2m)
Low Voltage Protection	11.6V (12V system), 23.2V (24V system)
Connector Type	USB Type-C
Compatible Fuse Types	Low-Profile Mini, Mini, ATO (Normal), Micro2