

Jzones JYX05

Jzones JYX05 Dash Cam Hardwire Kit User Manual

Model: JYX05

1. INTRODUCTION

Thank you for choosing the Jzones JYX05 Dash Cam Hardwire Kit. This kit is designed to provide continuous power to your dash camera, enabling essential features like 24-hour parking mode monitoring and adjustable low-voltage protection. This manual provides detailed instructions for proper installation, operation, and maintenance to ensure optimal performance and longevity of your device.

2. SAFETY INFORMATION

- Always disconnect the vehicle's battery before working on the electrical system to prevent short circuits or electrical shock.
- Ensure all connections are secure and properly insulated to avoid electrical hazards.
- If you are unsure about any step of the installation process, consult a qualified automotive technician.
- Do not modify the hardwire kit or its components. Unauthorized modifications may void the warranty and pose safety risks.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Jzones JYX05 Hardwire Kit (with Type-C USB output)
- Cable Clips
- Add-a-fuse options (ACZ Micro2, ACS Mini, ACN LP-Mini, ACU ATO)

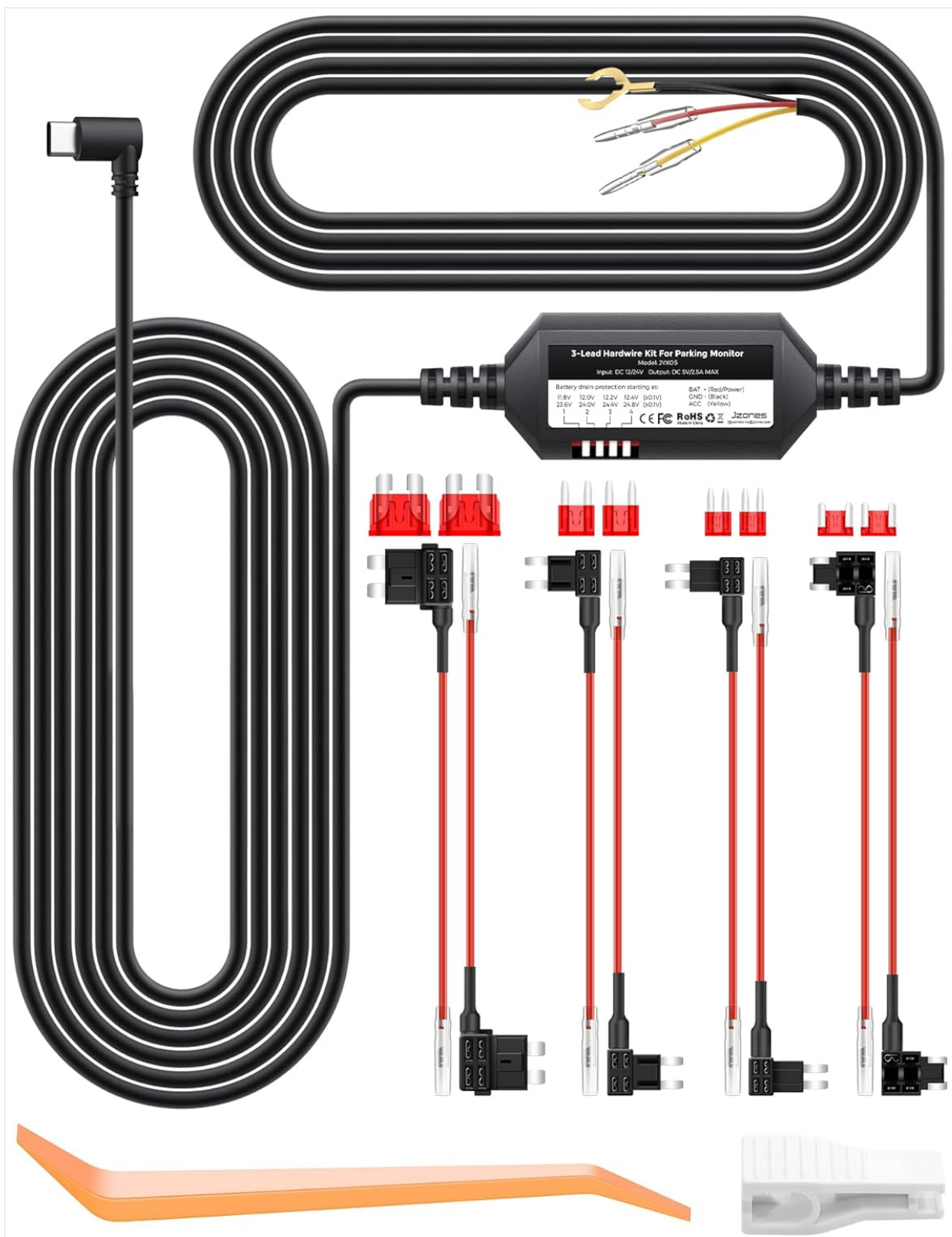


Figure 3.1: Overview of the Jzones JYX05 Dash Cam Hardwire Kit components, including the main hardwire unit, Type-C USB cable, and various fuse taps.

4. PRODUCT OVERVIEW

The Jzones JYX05 Hardwire Kit converts 12V-24V vehicle power to 5V/2.5A for your dash cam. It features adjustable low-voltage protection and is designed for seamless integration with your vehicle's electrical system to enable parking mode functionality.

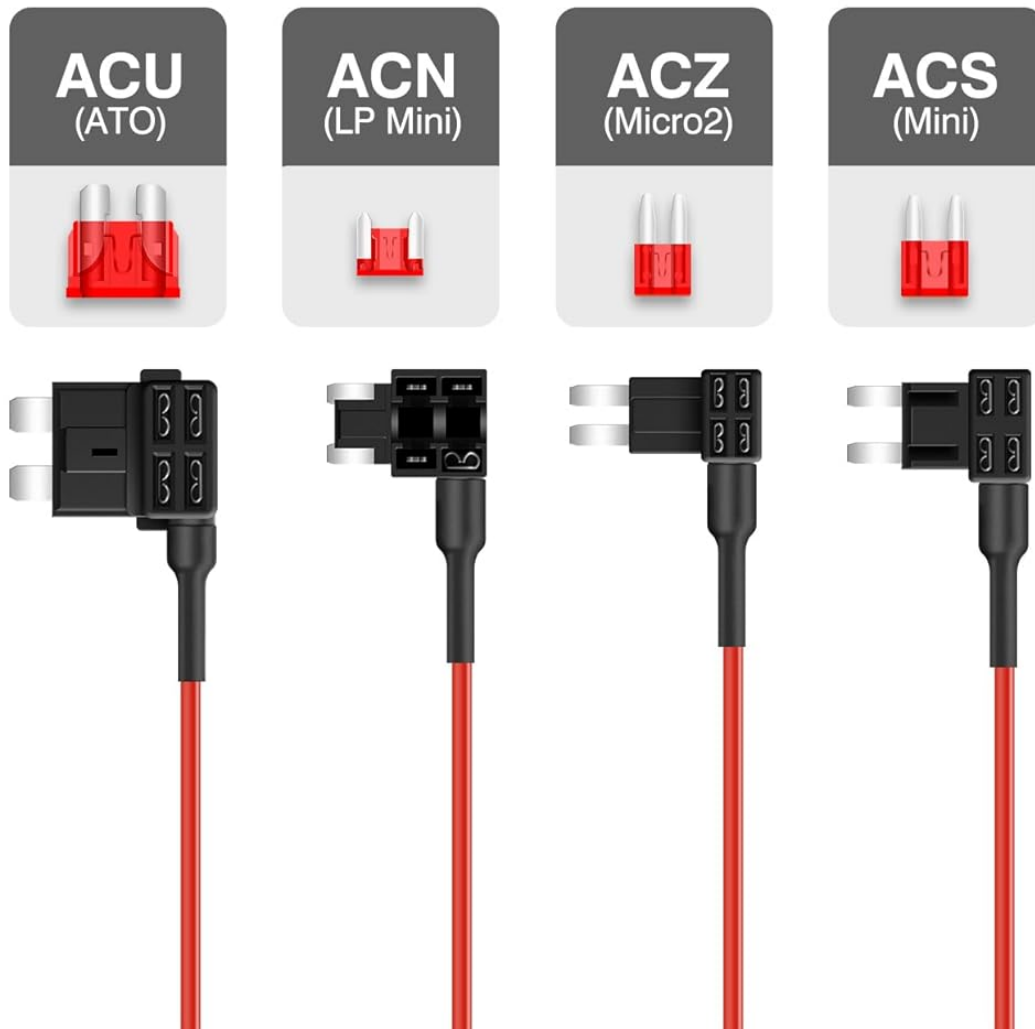
4.1. Fuse Taps

The kit includes four types of dual-slot fuse holders to accommodate different vehicle fuse box configurations:

- ACU (ATO)
- ACN (LP-Mini)
- ACZ (Micro2)
- ACS (Mini)

4 Types Dual-Slot Fuse Holder

Length: 17cm/0.558ft



Jzones Fuse Tap

Car Original Fuse Tap

Note: If in the wrong position, it won't supply power to the hardware kit.



Figure 4.1: Illustration of the four different types of dual-slot fuse holders provided with the kit, each designed for specific fuse sizes.

4.2. Low Voltage Protection

The hardwire kit features adjustable low-voltage protection to prevent your vehicle's battery from draining. You can set the cut-off voltage based on your vehicle's battery system:

- **For 12V Battery Systems:** 11.8V, 12.0V, 12.2V, 12.4V
- **For 24V Battery Systems:** 23.6V, 24.0V, 24.4V, 24.8V

The device will automatically cut power to the dash cam after 60 seconds if the battery voltage drops below the selected threshold, ensuring sufficient power for vehicle startup.



Figure 4.2: Visual representation of the adjustable low-voltage protection settings available for both 12V and 24V vehicle batteries.

5. INSTALLATION

Proper installation is crucial for the hardwire kit's functionality. Follow these steps carefully:

5.1. Wiring Diagram

The hardwire kit consists of three main wires:

- **Black Wire (GND):** Connects to a metal bolt or screw on the vehicle chassis for ground.
- **Yellow Wire (ACC):** Connects to a fuse in the fuse box that is only active when the ignition is on (Accessory power).
- **Red Wire (BAT+):** Connects to a constant power fuse in the fuse box that is always active (Battery power).



Figure 5.1: Detailed wiring diagram illustrating how to connect the hardwire kit's black, yellow, and red wires to the vehicle's electrical system.

5.2. Step-by-Step Installation

1. **Locate Fuse Box:** Identify your vehicle's fuse box, typically located under the dashboard or in the engine bay. Open the fuse box cover.
2. **Identify Fuse Slots:** Using a circuit tester, identify a constant power fuse slot (BAT+) and an accessory power fuse slot (ACC).
3. **Select Fuse Taps:** Choose the correct type of add-a-fuse tap (ACU, ACN, ACZ, or ACS) that matches your vehicle's fuses.
4. **Insert Fuses:** Insert the original fuse from the chosen slot into the bottom slot of the add-a-fuse tap. Insert a new fuse (of the same rating) into the top slot of the add-a-fuse tap for the hardwire kit.
5. **Connect Wires:** Connect the red wire of the hardwire kit to the BAT+ add-a-fuse tap and the yellow wire to the ACC add-a-fuse tap.
6. **Ground Connection:** Connect the black wire (GND) to a suitable metal ground point on the vehicle's chassis.
7. **Route Cable:** Route the Type-C USB cable to your dash cam, ensuring it does not interfere with driving controls or airbags. Use cable clips to secure the cable.
8. **Connect to Dash Cam:** Plug the Type-C USB connector into your dash cam.
9. **Test:** Start your vehicle to ensure the dash cam powers on. Turn off the vehicle and remove the key to verify parking mode activation.



Effortless installation

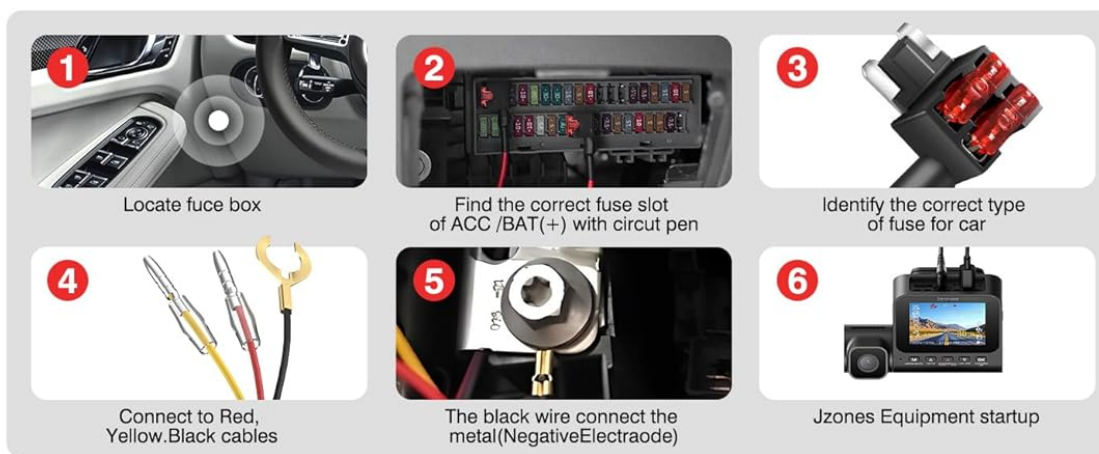


Figure 5.2: Visual guide to the effortless installation process, from locating the fuse box to connecting the dash cam.

5.3. Installation Video Guide

For a visual demonstration of the installation process, please refer to the video below:



Video 5.1: An official Jzones video demonstrating the step-by-step installation of the hardwire kit for a dash cam, including connecting wires and fuse taps.

6. OPERATING INSTRUCTIONS

6.1. 24-Hour Parking Mode

When properly installed, the JYX05 hardwire kit provides continuous power to your dash cam, enabling 24-hour parking mode. This ensures that your dash cam can monitor your vehicle even when the engine is off, recording incidents like collisions or vandalism.

6.2. Automated Parking Mode

The hardwire kit facilitates automated parking mode functionality. When you turn off your vehicle, the kit signals the dash cam to switch to its parking monitor mode (e.g., time-lapse recording or motion detection, depending on your dash cam's features). When you start your vehicle, the dash cam will automatically resume normal recording.

6.3. Compatibility

This hardwire kit is compatible with Jzones dash cams and other Type-C powered devices. It supports 12V-24V input, making it suitable for a wide range of vehicles including cars, trucks, buses, SUVs, and big rigs.

7. MAINTENANCE

- Periodically check all wire connections to ensure they remain secure and free from corrosion.
- Inspect the fuse taps and fuses for any signs of damage or wear. Replace fuses with the correct rating if necessary.
- Keep the hardwire unit free from excessive dust or moisture.

8. TROUBLESHOOTING

- **Dash cam does not power on:**
 - Check all wire connections (red, yellow, black) for proper contact.
 - Verify that the fuses in the add-a-fuse taps are intact and correctly rated.
 - Ensure the fuse taps are inserted into the correct positive terminals in the fuse box.
- **Parking mode not activating:**
 - Confirm that the red wire is connected to a constant power source (BAT+).
 - Ensure the yellow wire is connected to an accessory power source (ACC).
 - Check your dash cam's settings to ensure parking mode is enabled.
- **Vehicle battery drains quickly:**
 - Verify that the low-voltage protection setting is correctly configured for your vehicle's battery type (12V or 24V) and desired cut-off voltage.
 - Ensure your vehicle's battery is in good condition.

9. SPECIFICATIONS

Model	JYX05
Input Voltage	DC 12V-24V
Output Voltage/Current	DC 5V/2.5A Max
Cable Length	11.5 feet (approx. 3.5 meters)
Connector Type	Type-C USB

Low Voltage Protection	Adjustable (11.8V-12.4V for 12V; 23.6V-24.8V for 24V)
Product Dimensions	1.2 x 2.3 x 1.5 inches
Item Weight	8.1 ounces

10. WARRANTY AND SUPPORT

Jzones products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Jzones website. Please retain your proof of purchase for warranty claims.