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VANTRUE Universal 11.5ft ACC Hardwire Kit

Vantrue 11.5ft USB-C Hardwire Kit Instruction Manual

MODEL: UNIVERSAL 11.5FT ACC HARDWIRE KIT

Brand: VANTRUE

Introduction

The Vantrue 11.5ft USB-C Hardwire Kit is designed to provide a continuous power supply to your dash cam directly from your vehicle's fuse box. This ensures 24/7 parking surveillance and automatic switching between ACC (Accessory) mode and parking mode, eliminating the need for a cigarette lighter adapter. The kit also incorporates smart low voltage protection to safeguard your vehicle's battery from excessive discharge.

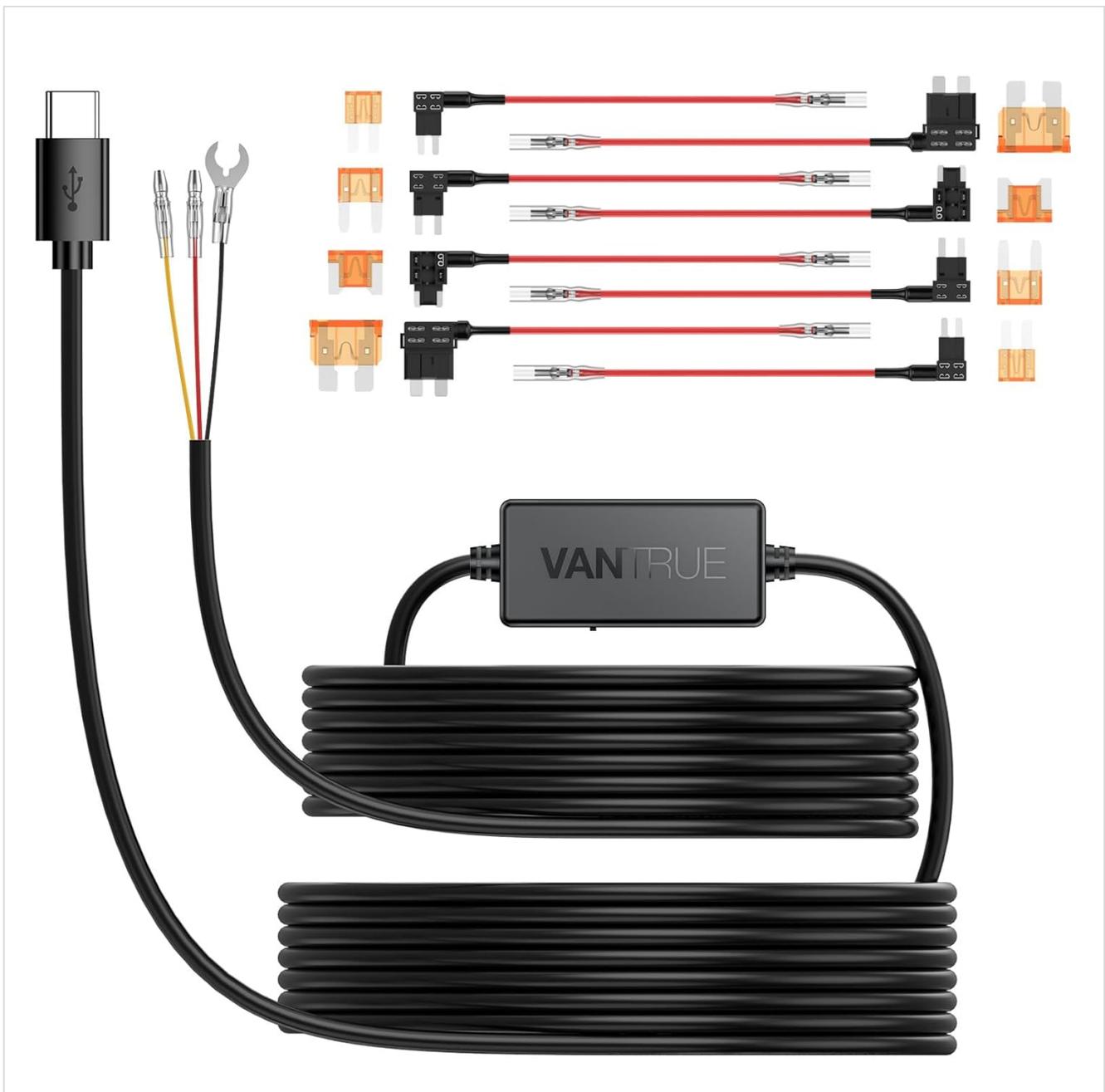


Figure 1: Components of the Vantrue Hardwire Kit.

Setup and Installation

Proper installation of the hardwire kit is crucial for optimal performance and to prevent battery drain. Please follow these steps carefully:

1. **Identify Rated Power Fuse:** Locate your vehicle's fuse panel. Identify a fuse that provides constant power (remains energized even when the ignition is off). This is typically a fuse for appliances like the sun roof, power seats, or radio. Consult your car's fuse diagram (often found on the fuse panel cover or in the owner's manual) to identify suitable circuits.

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.

Figure 2: Hardwire Kit Installation Steps.

- 2. Connect Hot Circuit (Red Wire):** Using pliers, carefully remove the identified constant power fuse from your vehicle's fuse panel. Insert this fuse into the free slot of the provided Add-A-Circuit fuse holder. Then, insert the provided 5A fuse into the other slot of the Add-A-Circuit fuse holder. Connect the red wire from the hardwire kit to this completed Add-A-Circuit fuse holder. Finally, insert the Add-A-Circuit fuse holder back into the original fuse slot in your vehicle's fuse box.
- 3. Locate ACC Fuse (Yellow Wire):** Identify an ACC (Accessory) fuse in your vehicle's fuse panel. This is a circuit that receives power only when the ignition is on. Consult your car's fuse diagram to find the appropriate ACC fuse.
- 4. Connect ACC Circuit (Yellow Wire):** Remove the ACC fuse from your vehicle's fuse panel. Insert this fuse into the free slot of another Add-A-Circuit fuse holder. Connect the yellow wire from the hardwire kit to this completed Add-A-Circuit fuse holder. Insert the Add-A-Circuit fuse holder back into the original ACC fuse slot.
- 5. Ground Connection (Black Wire):** Locate a metal bolt or screw connected to your car's metal body, preferably close to the fuse box. Loosen the screw, attach the black ground wire from the hardwire kit securely under it, and then tighten the screw. Ensure a good metal-to-metal contact for proper grounding.
- 6. Set Low Voltage Protection:** On the hardwire kit's control box, set the low voltage protection switch to the appropriate voltage for your vehicle (e.g., 12V for 12V vehicles). It is recommended to set it to the higher voltage option (e.g., 12V) to prevent excessive battery drain, which could lead to starting issues.



Figure 3: Low Voltage Protection Settings on the Control Box.

7. **Connect to Dash Cam:** Route the USB-C cable from the hardwire kit to your dash cam. Plug the USB-C end into the corresponding port on your Vantrue dash cam.

Wire Connection



Figure 4: Wire Connection Diagram.

Operating Modes

- **ACC Functionality:** When your vehicle's engine is ignited, the dash cam will automatically power on and operate in normal recording mode. When the engine is turned off, the hardwire kit will automatically switch the dash cam into parking mode.
- **24/7 Parking Surveillance:** With the hardwire kit installed, your dash cam will receive continuous power directly from the battery, enabling 24/7 parking surveillance. This feature helps protect your vehicle against theft and provides incident recording while parked.

Maintenance

To ensure the longevity and optimal performance of your Vantrue Hardwire Kit and connected dash cam, consider the following:

- Periodically check all connections to ensure they remain secure.
- Keep the control box and wiring free from excessive dust or moisture.
- Ensure your vehicle's battery is in good condition, especially if utilizing parking surveillance for extended periods.

Troubleshooting

- **Dash Cam Not Turning On/Off with Ignition:**

- Verify that the yellow ACC wire is connected to a fuse that is only active when the ignition is on.
- Ensure the red wire is connected to a constant power source.
- Check all fuse connections for proper insertion and contact.

- **Battery Drain Issues:**

- Confirm the low voltage protection switch on the control box is set to 12V (or 24V for 24V vehicles) to prevent over-discharge.
- If your car is not driven for extended periods (e.g., 2 days), the parking sensor might still drain the battery. Consider adjusting parking mode settings or disconnecting if not needed.

- **Incompatibility with Dash Cam:**

- The hardwire kit is compatible with all Type C dash cams, including Vantrue N5, N4, N4 Pro, and other specified models. Ensure your dash cam uses a Type C USB port.

- **Radio Interference:**

- The hardwire kit is designed not to interfere with radio reception. If interference occurs, check for proper grounding and secure connections.

Specifications

Product Dimensions	4.33 x 2.4 x 3 inches; 7.76 ounces
Item Model Number	Universal 11.5ft ACC Hardwire Kit
Manufacturer	VANTRUE
Connector Type	USB-C
Cable Type	USB
Compatible Devices	Dash Cams, GPS Navigators, Radar Detectors
Special Feature	Parking Monitor, Low Voltage Protection

Warranty and Support

VANTRUE offers an 18-Month Extended Warranty for this product. They also provide a 30-Day Return Policy and 24-Hour Customer Support.

For customer support, you can reach out via:

- Email: support@vantrue.net
- Phone: 510-666-4086

The product is sold by VANTRUE and fulfilled by Amazon.

Related Documents - Universal 11.5ft ACC Hardwire Kit

	<p>Vantrue 11.5ft Type C USB Dash Cam Hardwire Kit Installation Guide</p> <p>Step-by-step instructions for installing the Vantrue 11.5ft Type C USB 12V/24V to 5V dash cam hardwire kit, including fusebox connection and wire routing.</p>
	<p>VANTRUE VP03 Hardwire Kit Installation and User Manual</p> <p>Comprehensive user manual for the VANTRUE VP03 hardwire kit, detailing installation steps, specifications, low voltage protection, and fuse box connection for dash cameras.</p>
	<p>Vantrue Dash Cam Type C USB Hardwire Kit User Guide</p> <p>This user guide provides detailed instructions for installing and using the Vantrue Dash Cam Type C USB Hardwire Kit. It covers product components, technical specifications, step-by-step installation procedures, fuse identification, grounding, testing, and warranty information.</p>
	<p>VANTRUE LT01 4G Box User Manual - Remote Monitoring for Dash Cams</p> <p>Learn how to set up, activate, and install your VANTRUE LT01 4G Box for remote monitoring, GPS tracking, and enhanced connectivity with your Vantrue dash cam. This guide covers packing list, activation steps, installation, app functions, common questions, and warranty information.</p>
	<p>Vantrue VP04 OBD Hardwire Kit User Guide</p> <p>Comprehensive user guide for the Vantrue VP04 Type-C OBD Hardwire Kit, detailing specifications, installation, function, and support.</p>
	<p>VANTRUE VP05 Dash Cam Hardwire Kit User Guide</p> <p>Comprehensive user guide for the VANTRUE VP05 Dash Cam Hardwire Kit. Learn about installation, specifications, low voltage protection, and support resources for your dash cam power solution.</p>