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› TERUNSOU Dashcam Hardwiring Kit Instruction Manual for Model B0FQ5CLRBG

TERUNSOU B0FQ5CLRBG

TERUNSOU Dashcam Hardwiring Kit Instruction Manual

Model: B0FQ5CLRBG

INTRODUCTION

This manual provides comprehensive instructions for the TERUNSOU Dashcam Hardwiring Kit. This kit is designed to provide continuous power to your dashcam, enabling 24-hour parking monitoring and offering low-voltage protection for your vehicle's battery. It supports input voltages from 12V to 24V and delivers a stable 5V/3A output via a Type-C interface, ensuring compatibility with a wide range of dashcams.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Dashcam Hardwire Kit (with USB-C Power Connector)
- 4x Piggy Back Fuse Taps/Cable
- 4x Fuses
- Fuse Puller/Removal Tool
- Voltage Meter
- Pry Tool



Image: Overview of the Dashcam Hardwiring Kit components.

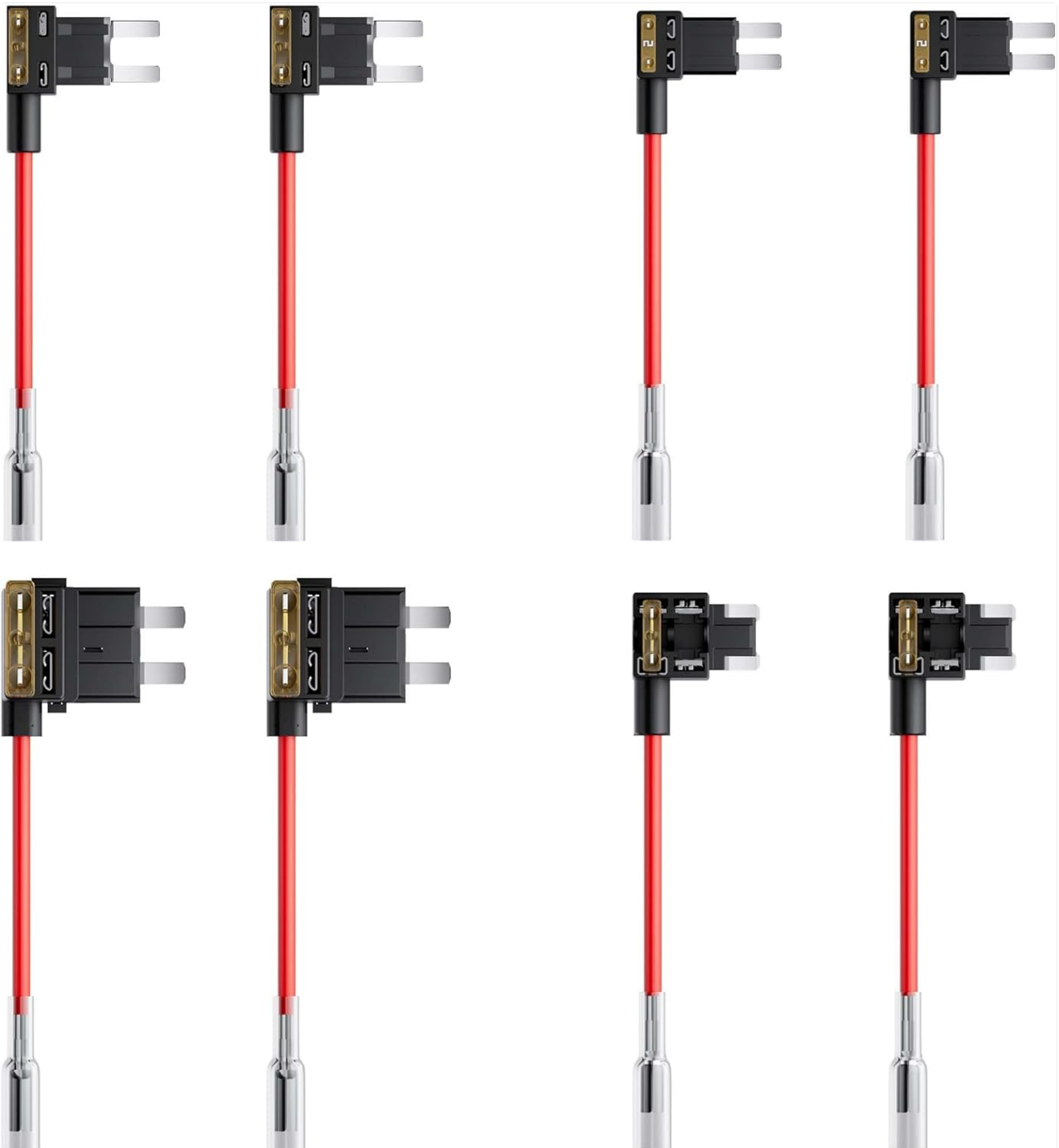


Image: Detailed view of the included fuse adapters.

SPECIFICATIONS

Brand	TERUNSQUI
Model Name	Dashcam Voltage Reducer Cable
Input Voltage	12V to 24V
Output Current	5V/3A (Maximum)
Interface	Type-C
Low Voltage Protection	Adjustable (11V-12V cut-off)

Overvoltage Protection	Activates when voltage exceeds 30V
Product Dimensions	6"D x 2"W x 2"H
Item Weight	150 Grams
Compatible Devices	Dashcams with Type-C interface (e.g., TERUNSOU D016, FW983A)

SETUP AND INSTALLATION

Proper installation is crucial for the functionality of the hardwiring kit, especially for parking monitoring and battery protection features. Follow these steps carefully:

1. Compatibility and Overview

The hardwiring kit is designed for dashcams requiring a 5V/3A Type-C power input. It is compatible with 12V to 24V vehicle electrical systems.



Image: USB Type-C compatibility and V3F step-down box details.


2. Installation Steps

The installation process involves connecting the hardwire kit to your vehicle's fuse box. Use the included pry tool to neatly tuck cables into interior crevices.

EASY TO INSTALL

Be guided using our beautifully written User Manual and How-To Install videos.


Complete Installation Tools Set Included – Easy to Install – Designed for 24-Hour Collision Auto-Trigger Parking Monitor



01

Decide A Perfect Place To Mount Your Terunsoul Dash Cam


The best place to put the dash cam is where you can easily use it. That means the camera view is unobstructed, you can easily remove it when needed, and it is discreetly placed. The key to mounting a dash cam is placing it where the D016/D018/D019 /FW983A have a clear view and it doesn't block your view.



02

Locate The Fleet's Fuse Box

Locate your vehicle's fuse box using your Fuse Box Diagram. This information can usually be found in your vehicle's Owner's User Manual or from your manufacturer's website. You can access the fuse box simply by lifting a tab or pulling a panel with your fingers, Or some may require the included trim tool.



03

Determine The Correct Fuse Slot For Installation

You will need to find two fuse slots to be used in this step.

- A fuse Slot that provides constant power (YELLOW wire will go here)
- A fuse Slot that only provides power when you turn your key to ACC position (RED wire will go here)

Note: Do not insert the fuse into the Fuse slot with other functions.

Image: Visual guide for installation steps 1-3.

1. **Decide a Mounting Location:** Choose a location for your dashcam that provides a clear view and does not obstruct your driving visibility. Ensure the chosen spot allows for discreet cable routing.
2. **Locate the Vehicle's Fuse Box:** Refer to your vehicle's owner's manual or manufacturer's website to find the fuse box location. It is typically found under the dashboard, in the engine bay, or in the trunk. Use the pry tool to open any covers if necessary.
3. **Determine Correct Fuse Slots:** You will need to identify two fuse slots:
 - o One for **constant power** (yellow wire connection): This slot provides power even when the vehicle is off.
 - o One for **ACC power** (red wire connection): This slot provides power only when the vehicle's ignition is on.

Use the included voltage meter to test fuse slots and confirm their power behavior.

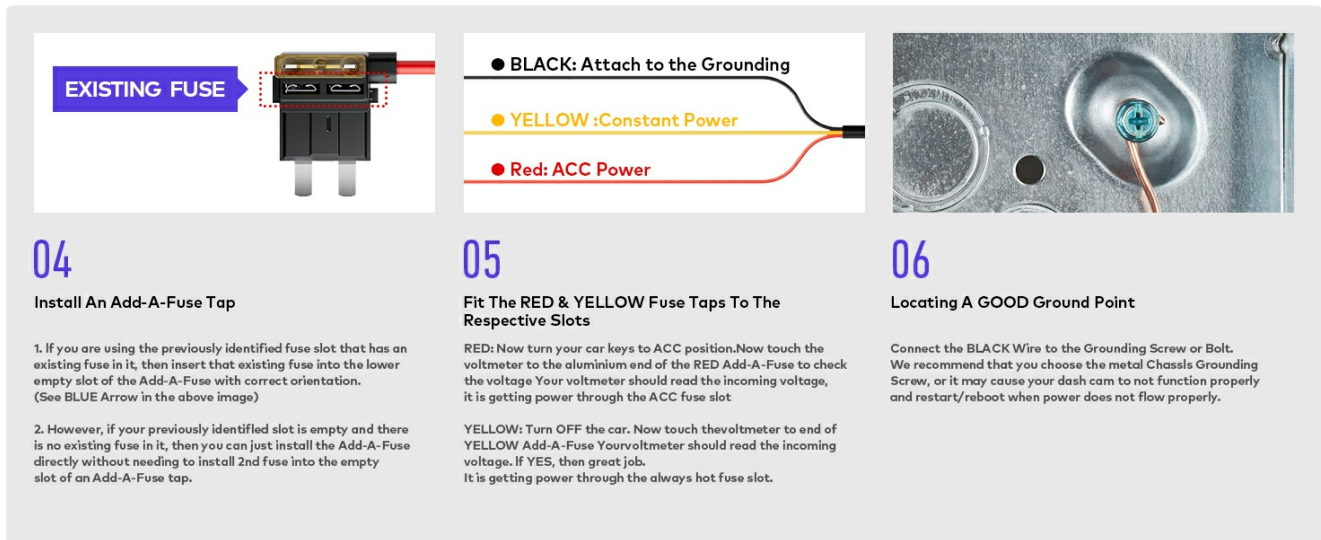


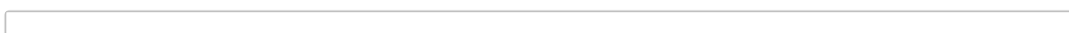
Image: Visual guide for installation steps 4-6.

4. **Install an Add-A-Fuse Tap:**
 - o If using a previously identified fuse slot that has an existing fuse, insert that existing fuse into the lower empty slot of the add-a-fuse tap.
 - o If there is no existing fuse in your chosen slot, simply install the new fuse (provided) into the empty slot of the add-a-fuse tap.
5. **Fit Red & Yellow Fuse Taps:** Connect the red wire of the hardwire kit to the ACC power fuse tap and the yellow wire to the constant power fuse tap. Insert these into the identified fuse slots. Turn your car keys to the ACC position and use the voltmeter to confirm incoming voltage through the ACC fuse slot. For the constant power slot, the voltmeter should show voltage regardless of ignition status.
6. **Locate a Ground Point:** Connect the black wire of the hardwire kit to a metal chassis grounding screw or bolt. Ensure the connection is secure to prevent improper dashcam function or power issues.

3. Voltage Protection Features

The hardwiring kit includes built-in protection mechanisms:

- **Low Voltage Protection:** When the vehicle's battery voltage drops below a configurable threshold (default 11V-12V), the kit automatically cuts off power to the dashcam to prevent battery drain.
- **Overvoltage Protection:** If the input voltage exceeds 30V, the system activates overvoltage protection to safeguard the dashcam and the kit itself.
- **Surge Protection:** The kit incorporates surge protection to guard against lightning current or overcurrent events.



OPERATING INSTRUCTIONS

1. 24-Hour Parking Monitoring

Once correctly installed, the hardwiring kit provides continuous power to your dashcam, enabling its parking surveillance features. This allows the dashcam to record events such as collision detection or time-lapse surveillance even when the vehicle's engine is off.



Image: 24-Hour Parking Monitor functionality.

2. Adjusting Low Voltage Protection

The low voltage cut-off threshold can be adjusted to suit your vehicle's battery requirements. The V3F step-down box has a voltage readout and two buttons (+/-) for adjustment. The recommended minimum voltage cut-off is 11.8VDC for a 12VDC battery system and 23.6VDC for a 24VDC battery system.

- Press and hold the buttons for 3 seconds to activate the LED.

- Use the +/- buttons to adjust the cut-off voltage.
- After setting the voltage, wait until the LED flashes 3 times to confirm your setting.

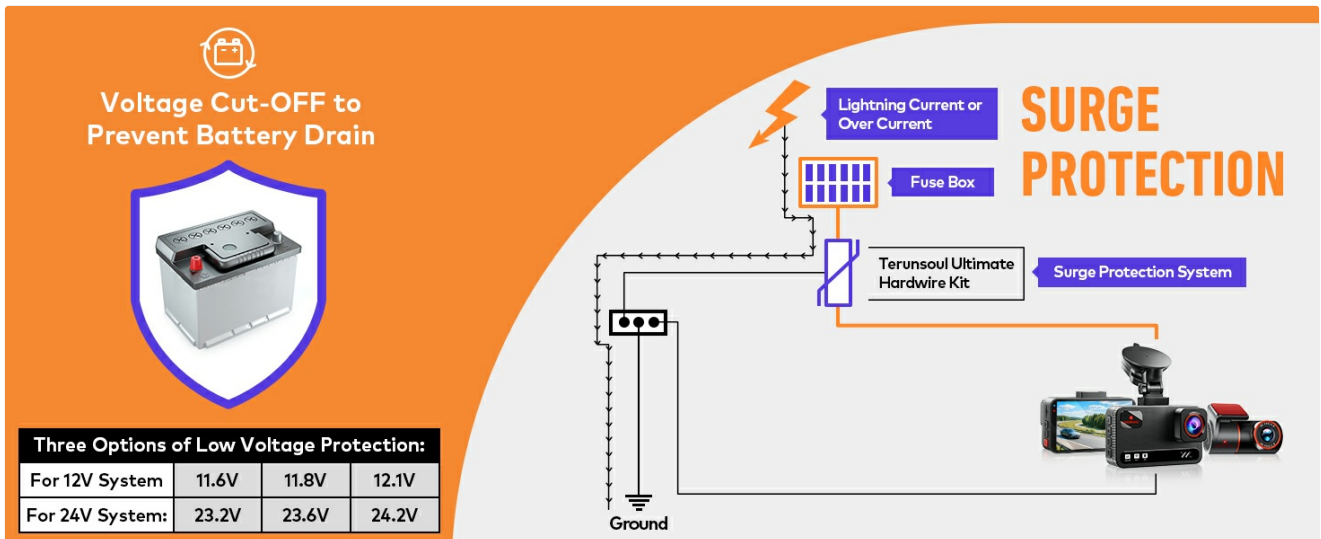


Image: Voltage Cut-Off settings to prevent battery drain.

MAINTENANCE

The TERUNSOU Dashcam Hardwiring Kit requires minimal maintenance. Periodically check the connections to the fuse box and the ground point to ensure they remain secure. Ensure the cables are not pinched or exposed to excessive heat or moisture. If you notice any signs of wear or damage to the cables or the step-down box, discontinue use and contact customer support.

TROUBLESHOOTING

- **Dashcam not receiving power:**
 - Check all fuse connections. Ensure the add-a-fuse taps are correctly installed and the fuses are intact.
 - Verify the ground connection is secure and on a clean, unpainted metal surface.
 - Confirm that the selected fuse slots provide constant and ACC power as intended using the voltage meter.
 - Ensure the USB-C connection to the dashcam is firm.
- **Parking monitoring not working:**
 - Ensure the yellow wire (constant power) is correctly connected and receiving power when the vehicle is off.
 - Check your dashcam's settings to ensure parking mode is enabled and configured correctly.
- **Dashcam turns off prematurely:**
 - This may indicate the low voltage protection is activating. Check your vehicle's battery health.
 - Review the low voltage cut-off setting on the V3F step-down box. Adjust it to a lower, but safe, threshold if necessary (refer to the 'Adjusting Low Voltage Protection' section).
- **Fuse blows repeatedly:**
 - Ensure the correct fuse rating is used for the add-a-fuse tap.
 - Inspect the wiring for any shorts or damage.
 - If the issue persists, contact customer support.

WARRANTY AND SUPPORT

This TERUNSOUI Dashcam Hardwiring Kit is covered by a **1-YEAR WARRANTY** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For any questions, concerns, or warranty claims, please contact our customer service team. Provide your product model number (B0FQ5CLRBG) and a detailed description of the issue for efficient support.