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WUPP CS-1858A1

WUPP 12V Fuse Block with Relay Instruction Manual

Brand: WUPP | Model: CS-1858A1

PRODUCT OVERVIEW

The WUPP 12V Fuse Block with Relay is a universal 6-circuit automotive fuse box designed for seamless integration into various vehicles, including cars, trucks, marine boats, SUVs, UTVs, ATVs, RVs, Pickup Trucks, Trailers, and Campers. It features an integrated relay kit for simplified wiring and enhanced safety. An innovative ACC interface automatically cuts off power when the car key is turned off, preventing power failures. Constructed from environmentally friendly PBT material, this fuse block offers exceptional mechanical strength, insulation, and heat resistance, minimizing risks of fracture, deformation, combustion, or short circuits. Each fuse strip is equipped with intuitive LED safety indicators: a blue light signifies normal operation, while a red light alerts you to a disconnected fuse, enabling quick identification and replacement.



Figure 1: WUPP 12V Fuse Block with Relay, showing its compact design and multiple fuse slots.

PACKAGE CONTENTS

Your WUPP 12V Fuse Block with Relay package includes all necessary components for installation and immediate use:

- 1 x Fuse Block
- 2 x 5A Fuses
- 2 x 10A Fuses
- 4 x 15A Fuses
- 4 x 20A Fuses
- 4 x Self-tapping Screws
- 2 x Paster (Labels for circuits)

PACKAGE INCLUDED



Fuse Block × 1PCS



5A × 2PCS



10A × 2PCS



15A × 4PCS



20A × 4PCS



Self-tapping screw × 4PCS



Paster × 2PCS

Figure 2: Included components: fuse block, various fuses, mounting screws, and labels.

SPECIFICATIONS

Specification	Value
Brand	WUPP
Model Number	CS-1858A1

Specification	Value
Voltage	12 Volts
Current Rating	80 Amps (Total)
Connector Type	Through Hole
Contact Material	Silver
Contact Type	Normally Open
Mounting Type	Through Hole Mount
Operation Mode	Automatic
Item Weight	12.6 ounces
Product Dimensions	6.54 x 3.86 x 1.85 inches
Material	PBT (Environmentally Friendly)

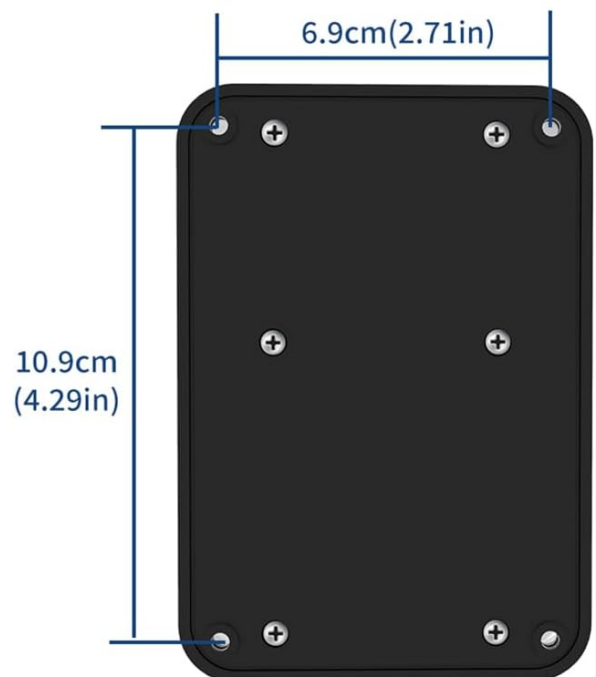
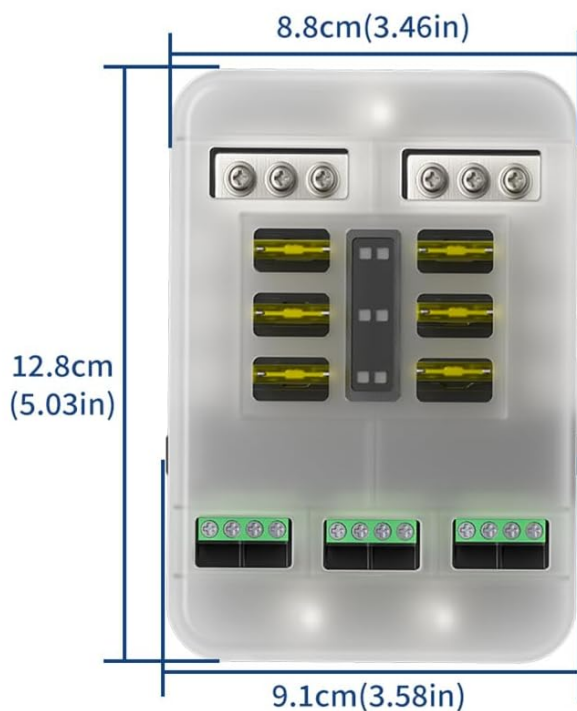
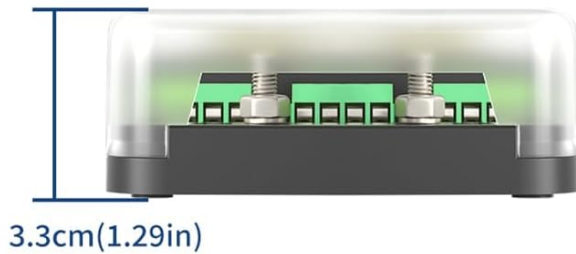
SIZE PRESENT

Main line terminal:M5 thread stud

Main line:# 4-6

Single wire terminal:M4 threaded stud

Single wire:#12-16



SETUP & INSTALLATION

Proper installation is crucial for the safe and effective operation of your WUPP Fuse Block. Follow these steps carefully:

- 1. Mounting:** Securely mount the fuse block in a dry, accessible location using the provided self-tapping screws. Ensure sufficient space for wiring and fuse access.
- 2. Main Power Connection:** Connect the main positive (BAT+) terminal of the fuse block directly to your vehicle's positive battery terminal. Connect the main negative (BAT-) terminal to a reliable ground point on your vehicle chassis or directly to the negative battery terminal.
- 3. ACC Interface Connection (Optional):** For accessories that should only be powered when the ignition is on, connect the ACC terminal of the fuse block to a switched 12V power source (e.g., an ignition-controlled wire). This feature ensures that power to connected accessories is automatically cut off when the vehicle is turned off, preventing battery drain.
- 4. Appliance Wiring:** For each electrical appliance you wish to power, connect its positive wire to one of the fused output terminals (numbered 1-6) on the fuse block. Connect the negative wire of each appliance to the common negative bus bar on the fuse block.
- 5. Fuse Installation:** Insert the appropriate amperage fuses into the corresponding slots for each circuit. Refer to your appliance's power requirements to select the correct fuse rating.
- 6. Cover Installation:** Once all wiring is complete and verified, securely attach the clear PC cover to protect the fuses and wiring from dust and moisture.

WIRING METHOD

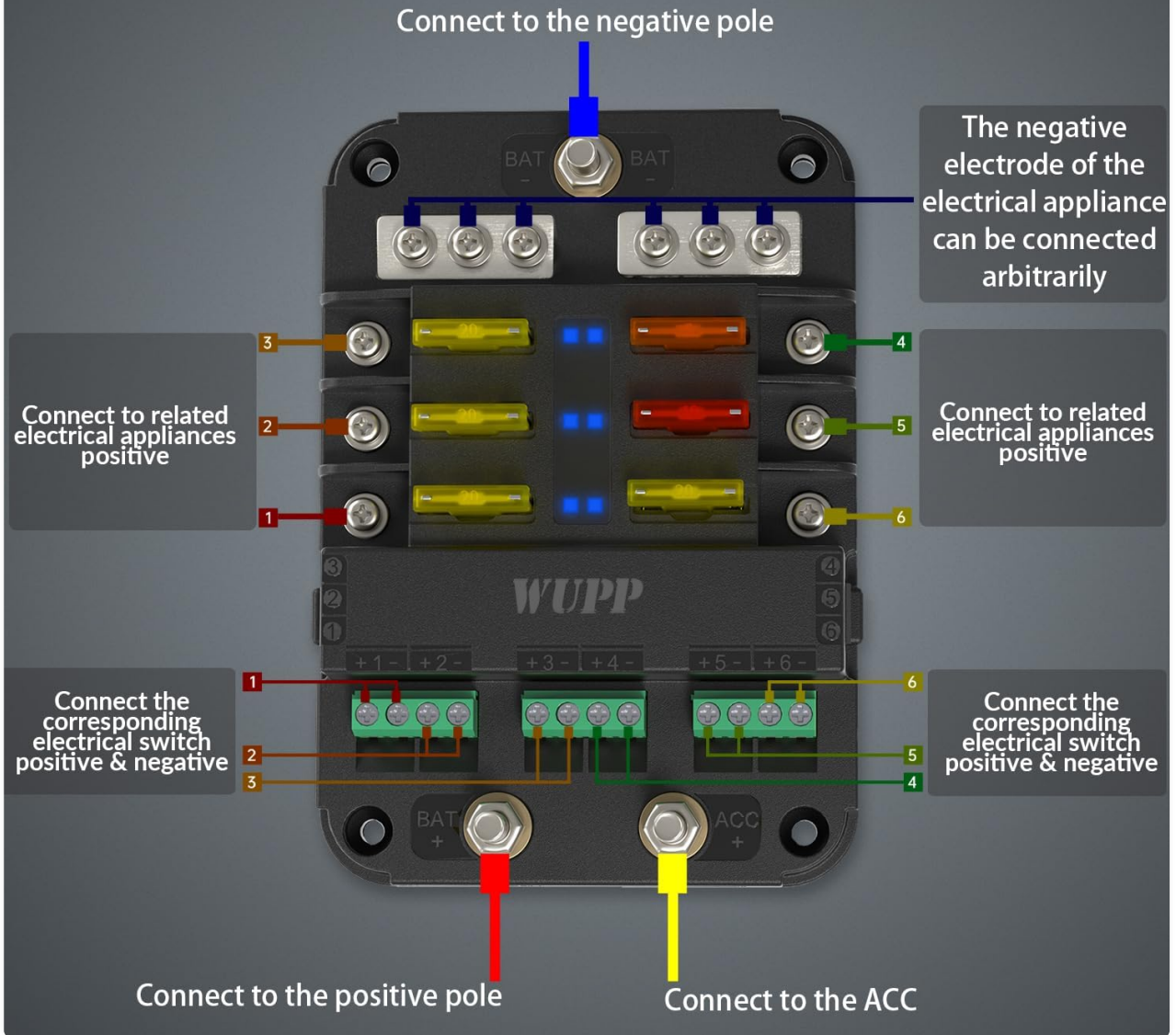


Figure 4: Detailed wiring method showing connections for positive, negative, and ACC.

Innovative Design

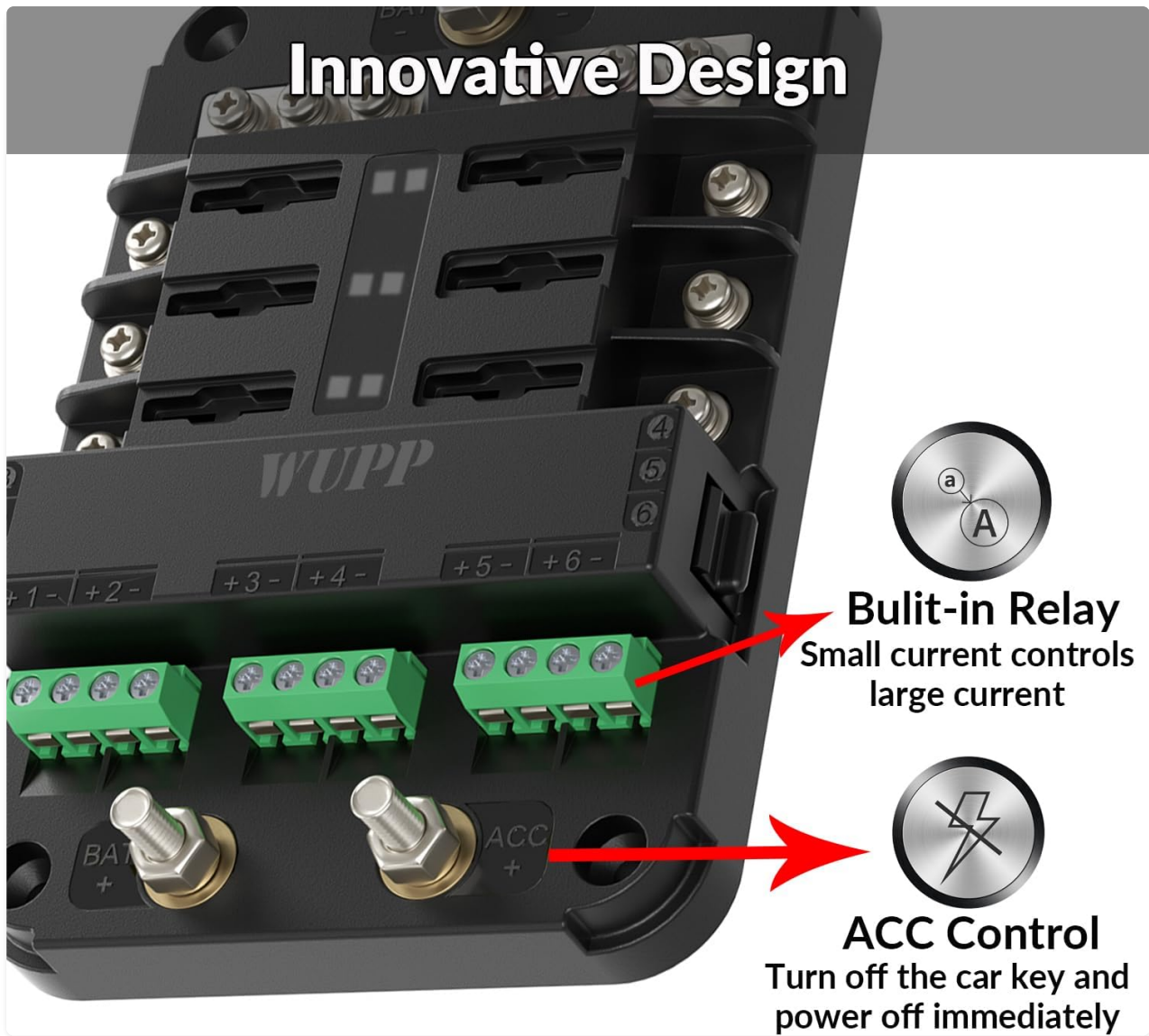


Figure 5: Illustration of the built-in relay and ACC control features.

Installation Video Guide

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Video 1: Official WUPP product video demonstrating the features and basic wiring of the 12V Fuse Block with Relay.

OPERATING INSTRUCTIONS

The WUPP Fuse Block is designed for straightforward operation. Once properly installed and powered, the integrated LED indicators provide immediate feedback on the status of each circuit:

- **Blue LED Light:** A blue light illuminated next to a fuse indicates that the circuit is operating normally and power is flowing through the fuse.
- **Red LED Light:** A red light illuminated next to a fuse indicates that the fuse is disconnected or blown. This means there is a problem with the circuit, and the fuse needs to be replaced.

Led Indicator Light



Blue Led Light
operating normally



Red Led Light
Fuse disconnected
(need to replace it)

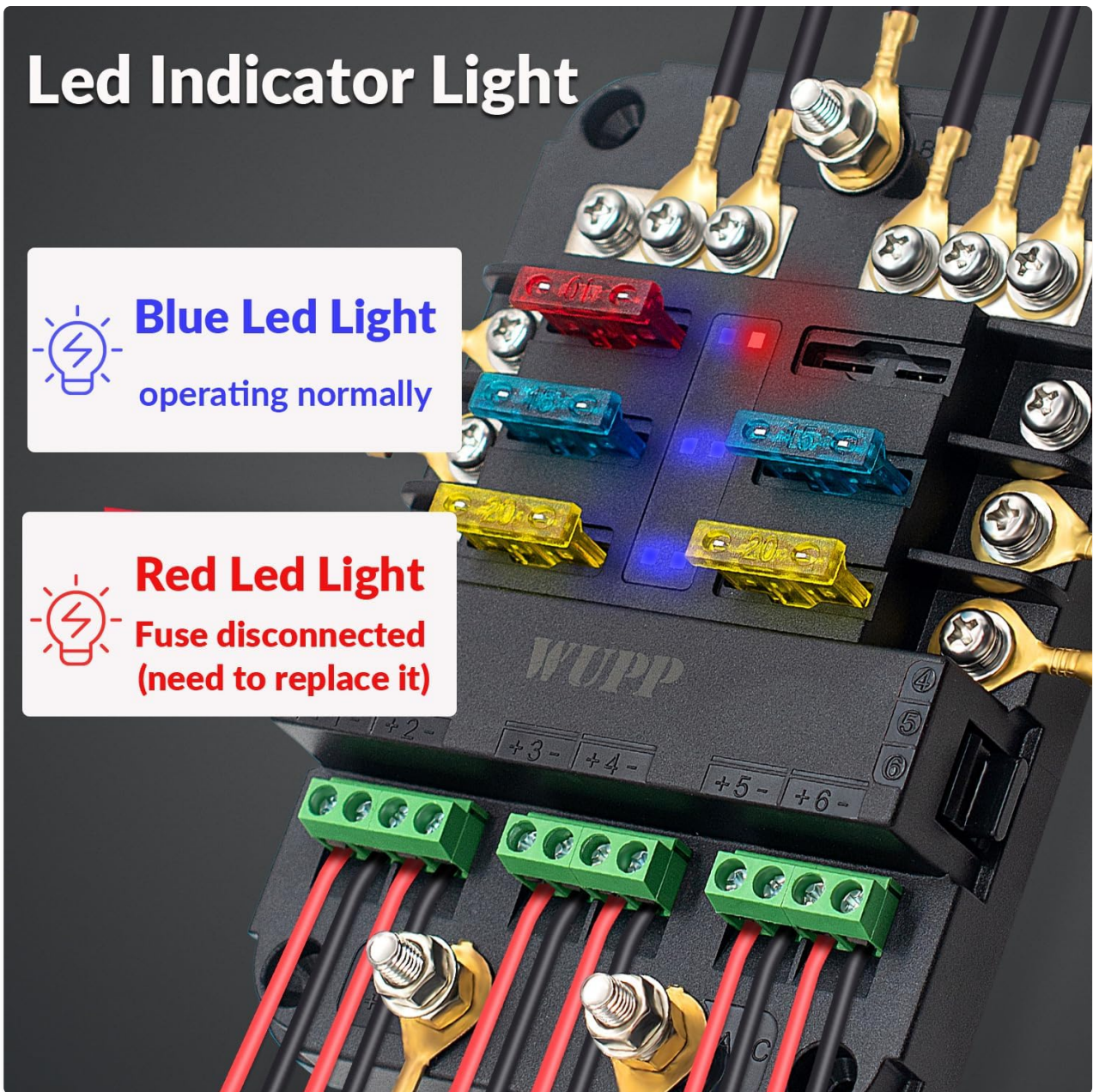


Figure 6: Close-up view of the LED indicator lights, showing blue for normal operation and red for a disconnected fuse.

MAINTENANCE

To ensure the longevity and optimal performance of your WUPP Fuse Block, minimal maintenance is required:

- **Fuse Replacement:** If a red LED light indicates a blown fuse, replace it with a new fuse of the exact same amperage rating. Always disconnect power to the fuse block before replacing fuses.
- **Cleaning:** Periodically inspect the fuse block for any dirt, dust, or moisture accumulation. Clean with a dry, soft cloth. Avoid using abrasive cleaners or solvents.
- **Connection Check:** Occasionally check all wire connections to ensure they remain tight and secure. Loose connections can lead to poor performance or electrical issues.

TROUBLESHOOTING

Here are some common issues and their solutions:

- **No Power to an Appliance:**
 - Check if the corresponding LED indicator is red. If so, the fuse is blown and needs replacement.
 - Ensure the appliance's wiring is correctly connected to the fuse block and the appliance itself.
- **No Power to the Entire Fuse Block:**
 - Verify that the main positive (BAT+) and negative (BAT-) connections to the vehicle's battery are secure and free of corrosion.
 - If using the ACC interface, ensure the ACC wire is receiving power when the ignition is on.
- **Fuses Blow Frequently:**
 - The connected appliance may be drawing more current than the fuse is rated for. Ensure you are using the correct fuse amperage for your appliance.
 - There might be a short circuit in the appliance's wiring or within the appliance itself. Inspect the wiring for any damage or exposed wires.

WARRANTY & SUPPORT

WUPP products are manufactured to high-quality standards. For warranty information, technical assistance, or any inquiries regarding your fuse block, please contact WUPP customer service through the retailer's platform or the official WUPP website. Please have your model number (CS-1858A1) and purchase details ready when contacting support.