

Fydun 4G0915519

Fydun Car Battery Overload Trip Module 4G0915519 User Manual

Model: 4G0915519

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Fydun Car Battery Overload Trip Module, model 4G0915519. This component is designed to protect your vehicle's electrical system by preventing battery overload, ensuring the longevity and safe operation of your car's electrical equipment.

2. SAFETY INFORMATION

Always observe the following safety precautions when working with automotive electrical systems:

- Disconnect the vehicle's battery before performing any installation or maintenance to prevent electrical shock or short circuits.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the vehicle is turned off and the ignition key is removed.
- If you are unsure about any step, consult a qualified automotive technician.

3. PRODUCT OVERVIEW

The Fydun Car Battery Overload Trip Module (4G0915519) is a critical safety component for your vehicle's battery system. It is constructed from durable ABS material and designed for a direct replacement fit.



Figure 3.1: Angled view of the Fydun Car Battery Overload Trip Module, showing its compact design and mounting tabs.



Figure 3.2: Top view of the module, featuring the multi-pin electrical connector for secure attachment.

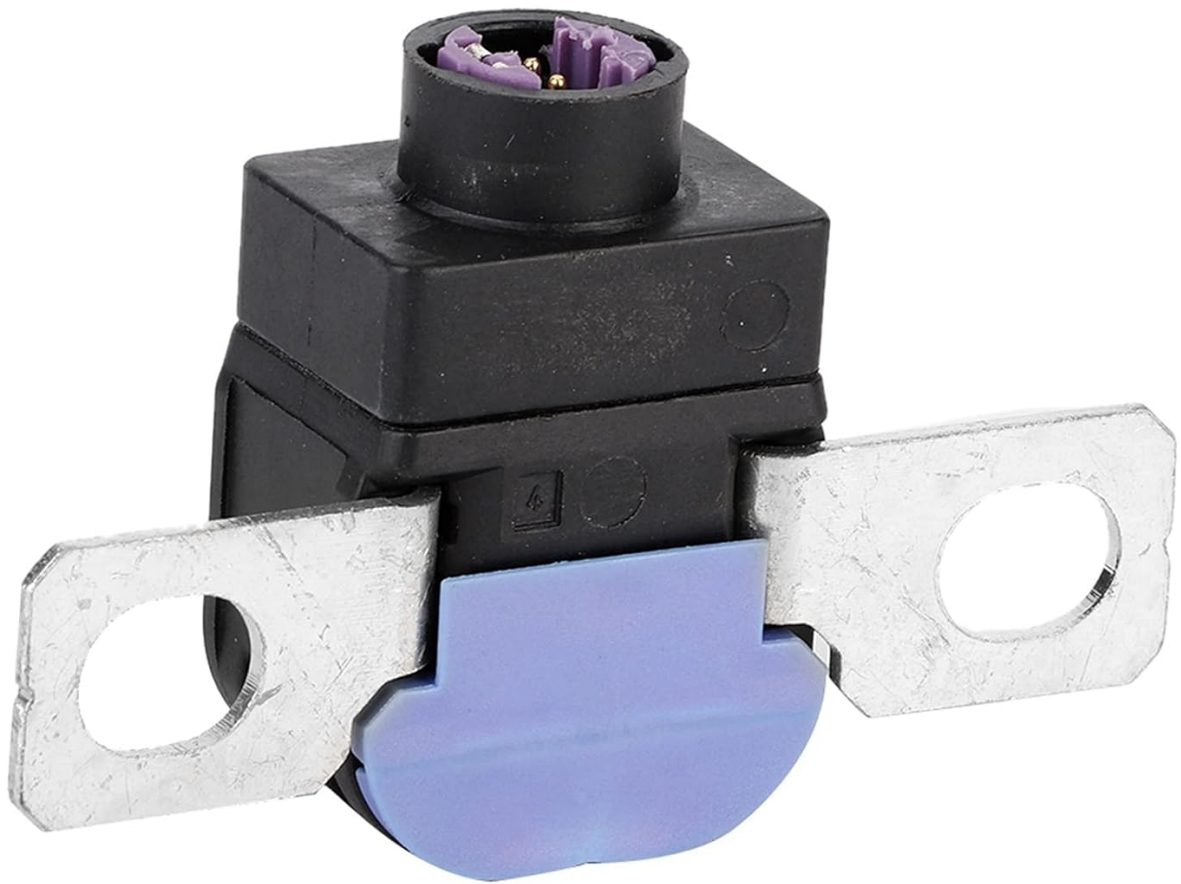


Figure 3.3: Bottom view of the module, illustrating the blue release tab and additional structural details.

4. SPECIFICATIONS

Feature	Specification
Model Number	4G0915519
Material	ABS (Acrylonitrile Butadiene Styrene)
Mounting Type	Through-Hole Mount
Voltage Rating	12V (Standard Automotive)
Condition	Brand New
Quantity	1 Unit

5. COMPATIBILITY

This Fydun Car Battery Overload Trip Module (OE Part Number 4G0915519) is designed for direct replacement in the following vehicle models:

- For S6 C7 models (Years: 2011-2014)
- For various SUV models (Years: 2011-2016)

Please verify the OE part number 4G0915519 against your vehicle's existing part to ensure proper fitment before installation.



Figure 5.1: The module shown alongside a compatible vehicle, emphasizing its intended application.

6. INSTALLATION

The Fydun Car Battery Overload Trip Module is designed for straightforward installation as a direct replacement part. While installation is generally simple, professional installation is recommended to ensure correct procedure and safety.

Installation Steps:

1. **Preparation:** Ensure the vehicle is off and the battery is disconnected. Locate the existing battery overload trip module.
2. **Removal:** Carefully disconnect any electrical connectors and unbolt the old module from its mounting location.
3. **Installation of New Module:** Position the new Fydun 4G0915519 module in the same location. Secure it using the existing mounting hardware.
4. **Connection:** Reconnect the electrical connectors to the new module, ensuring they are firmly seated.
5. **Battery Reconnection:** Reconnect the vehicle's battery terminals.
6. **Testing:** Start the vehicle and check for proper operation of the electrical system.

No modification, cutting, or drilling is required for installation. This module is a direct fit replacement for the specified OE part number.

7. OPERATION

The battery overload trip module functions as a protective device within your vehicle's electrical system. Its primary role is to detect and interrupt excessive current flow from the battery, preventing damage to the battery itself, wiring, and other electrical components. When an overload condition occurs (e.g., due to a short circuit or component malfunction drawing too much power), the module will trip, effectively disconnecting the power supply to prevent further damage. This action safeguards against overheating, insulation degradation, and potential component failure.

8. MAINTENANCE

The Fydun Car Battery Overload Trip Module is designed for long-term reliability and typically requires minimal maintenance. However, periodic inspection can help ensure its continued performance:

- **Visual Inspection:** Annually inspect the module and its connections for any signs of corrosion, damage, or loose wiring.
- **Cleanliness:** Keep the area around the module clean and free from dirt, debris, and moisture.
- **Connection Check:** Ensure all electrical connections remain tight and secure.

If the module appears damaged or shows signs of wear, it should be replaced immediately.

9. TROUBLESHOOTING

If you experience issues with your vehicle's electrical system after installing or while using the Fydun Car Battery Overload Trip Module, consider the following:

- **No Power/Electrical Malfunction:** If the module has tripped, it indicates an overload condition. Identify and resolve the underlying cause of the overload (e.g., a faulty component, short circuit) before resetting or replacing the module.
- **Loose Connections:** Check all electrical connections to the module and the battery to ensure they are secure and free of corrosion.
- **Incorrect Installation:** Review the installation steps to confirm the module was installed correctly.
- **Module Failure:** If the module is suspected to be faulty, it may need replacement.

For complex electrical issues or if troubleshooting steps do not resolve the problem, it is highly recommended to seek assistance from a certified automotive technician.

10. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the Fydun official website or contact your point of purchase. When contacting support, please have your product model number (4G0915519) and purchase details readily available.

