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> SDYYDS Fuse Relay-Main Fuse Instruction Manual for VW Passat 2012-2015 and Jetta 2011-2018 (Part Number 5C0937629A)

## SDYYDS SD33-001

# SDYYDS Fuse Relay-Main Fuse Instruction Manual

Model: SD33-001 | Part Number: 5C0937629A

## 1. INTRODUCTION

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This manual provides essential information for the installation, function, and maintenance of the SDYYDS Fuse Relay-Main Fuse, Part Number 5C0937629A. This component is designed as a direct replacement for specific Volkswagen models to restore proper electrical functionality.

### 1.1. What's in the Box

- 1 x SDYYDS Fuse Relay-Main Fuse (Part Number 5C0937629A)



Image 1.1: Overview of the SDYYDS Fuse Relay-Main Fuse. This image shows the main fuse component, which is a critical electrical part for vehicle systems.

## 2. COMPATIBILITY

The SDYYDS Fuse Relay-Main Fuse (Part Number 5C0937629A) is compatible with the following vehicle models:

- Volkswagen Passat: 2012, 2013, 2014, 2015
- Volkswagen Jetta: 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018

This part is engineered to meet OEM standards for direct replacement, ensuring proper fit and function in the specified vehicles.

## 3. INSTALLATION AND SETUP

**Safety Warning: Disconnect the vehicle's battery before performing any electrical work to prevent injury or damage to the vehicle's electrical system. If you are unsure about any step, consult a qualified automotive technician.**

### 3.1. Required Tools

- Socket wrench set
- Screwdriver set
- Battery terminal wrench
- Protective gloves and eyewear

### 3.2. Installation Steps

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and the parking brake is engaged. Open the hood and locate the vehicle battery.
2. **Disconnect Battery:** Using the battery terminal wrench, disconnect the negative (-) terminal of the battery first, followed by the positive (+) terminal. Isolate the terminals to prevent accidental contact.
3. **Locate the Engine Compartment Fuse Box:** Refer to your vehicle's service manual for the exact location of the engine compartment fuse box. It is typically near the battery or on one side of the engine bay.
4. **Access the Fuse Relay:** Carefully open the fuse box cover. Identify the existing main fuse relay that needs replacement. It may be secured with bolts or clips.
5. **Remove the Old Fuse Relay:** Using appropriate tools, unbolt or unclip the old fuse relay. Disconnect any wiring harnesses or terminals attached to it. Note the orientation for correct installation of the new part.
6. **Install the New Fuse Relay:** Position the SDYYDS Fuse Relay-Main Fuse (Part Number 5C0937629A) in the same orientation as the old one. Secure it with the original bolts or clips. Reconnect any wiring harnesses or terminals, ensuring they are tight and secure.
7. **Reconnect Battery:** Reconnect the positive (+) battery terminal first, then the negative (-) terminal. Ensure all connections are tight.
8. **Test Functionality:** Close the hood. Start the vehicle and check for proper operation of all electrical systems that were previously affected.





Image 3.1: Detailed view of the fuse relay, showing its construction and terminals. This image highlights the specific design of the component for accurate identification during installation.

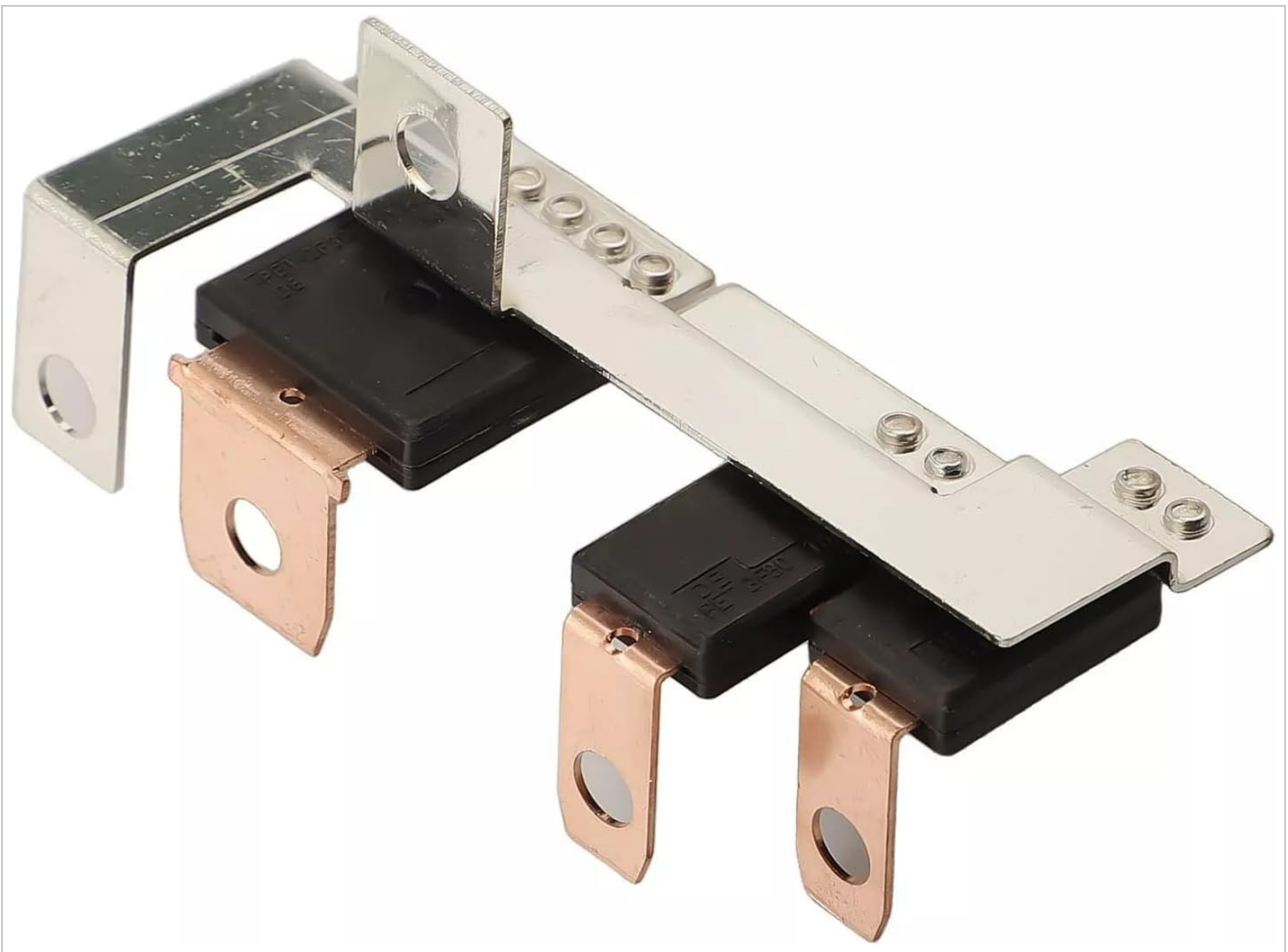


Image 3.2: Angled perspective of the fuse relay, illustrating the mounting brackets and connection points. This view is helpful for understanding how the unit is secured within the fuse box.

## 4. OPERATION

The SDYYDS Fuse Relay-Main Fuse is a passive electrical component designed to protect the vehicle's electrical system from overcurrent conditions. It functions by interrupting the circuit if the current exceeds a safe level, thereby preventing damage to sensitive components and wiring. Once installed, it operates automatically as part of the vehicle's electrical system.



Image 4.1: Side profile of the fuse relay, detailing the electrical terminals and their configuration. This view helps in understanding the electrical flow through the component.

## 5. MAINTENANCE

The SDYYDS Fuse Relay-Main Fuse is a sealed unit and does not require routine maintenance. However, periodic visual inspection is recommended:

- **Check for Corrosion:** Inspect the terminals and connections for any signs of corrosion. Clean any corrosion with a wire brush and appropriate terminal cleaner.
- **Inspect for Damage:** Look for any physical damage to the fuse body, cracks, or loose connections. Replace the unit if any damage is observed.
- **Ensure Tight Connections:** Verify that all bolts and clips securing the fuse relay are tight and that electrical connections are firm.

## 6. TROUBLESHOOTING

If electrical issues persist after replacing the main fuse, consider the following troubleshooting steps:

- **No Power to Specific Systems:** If certain electrical systems (e.g., lights, radio, power windows) are not functioning, check other fuses in the vehicle's fuse boxes (both engine compartment and interior). A blown smaller fuse might be the cause.
- **Vehicle Not Starting:** If the vehicle does not start, ensure the battery is fully charged and its terminals are clean and tight. Verify that the new main fuse is correctly installed and all connections are secure.
- **Repeated Fuse Failure:** If the main fuse blows repeatedly, this indicates a more significant electrical problem, such as a short circuit or an overloaded circuit. This requires professional diagnosis by a qualified automotive technician. Do not attempt to bypass or use a fuse with a higher amperage rating, as this can cause severe damage or fire.
- **Loose Connections:** Re-check all connections to the fuse relay and battery terminals to ensure they are secure. Loose connections can cause intermittent electrical problems.

## 7. SPECIFICATIONS

Specification	Detail
Manufacturer	SDYYDS
Part Number	5C0937629A, 5C0-937-629-A
Model Number	SD33-001
Item Weight	1.44 ounces
Package Dimensions	4.06 x 1.81 x 1.81 inches
Connector Type	Screw
Contact Type	Normally Open
Mounting Type	Through Hole Mount
Operation Mode	Automatic

# Product details

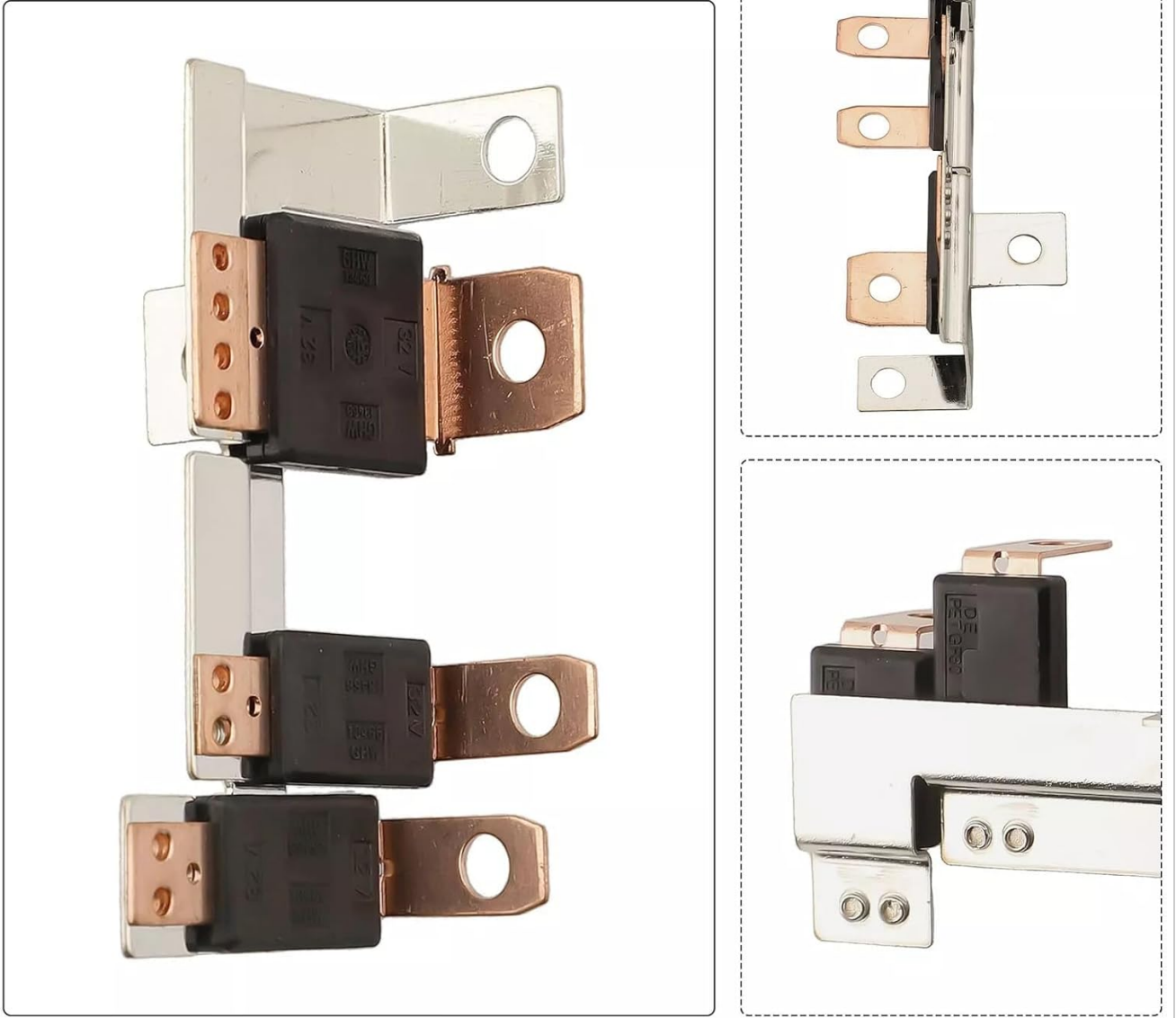


Image 7.1: Product details showcasing multiple views and specific measurements of the fuse relay. This composite image provides a comprehensive visual reference for the component's design and dimensions.

## 8. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available data. For any product-related inquiries, technical support, or warranty claims, please contact the manufacturer directly through their official channels. You may visit the [SDYYDS Store on Amazon](#) for more information or to contact their customer service.

## 9. OFFICIAL PRODUCT VIDEOS

No official product videos from the seller were found in the provided product information.

