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Aramox Car Headlight Dimmer Switch

Aramox Car Headlight Dimmer Switch Instruction Manual

Model: Car Headlight Dimmer Switch

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Aramox Car Headlight Dimmer Switch. Please read these instructions carefully before use to ensure optimal performance and longevity of the product.

The Aramox Car Headlight Dimmer Switch is designed to control your vehicle's headlights, allowing for adjustment between high and low beams, and managing the on/off function of the headlamps.

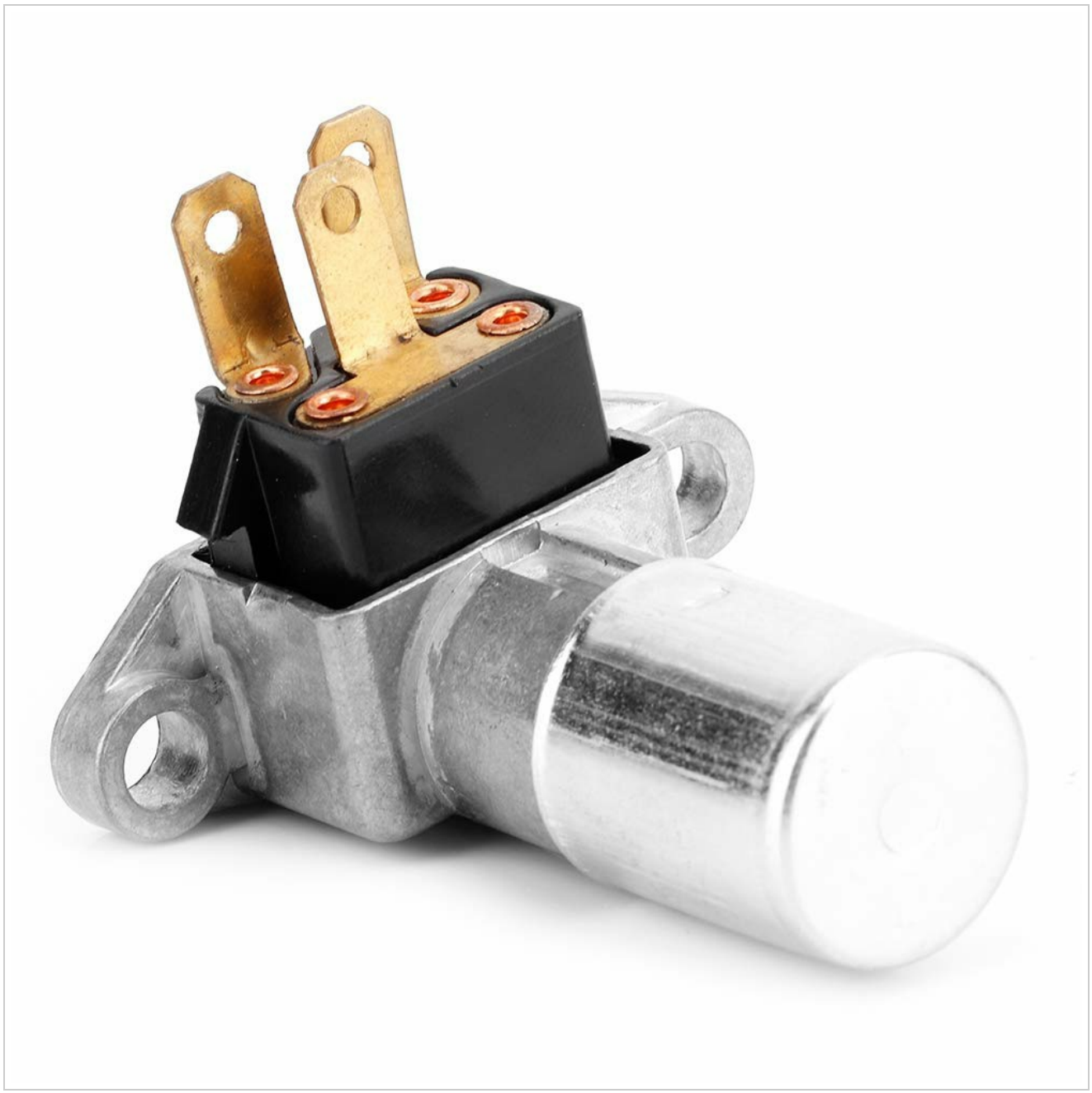


Figure 1: Front view of the Aramox Car Headlight Dimmer Switch, showing the plunger and mounting base.

2. Setup and Installation

The Aramox Car Headlight Dimmer Switch is designed for direct installation, matching original equipment specifications. No modifications are typically required for compatible vehicles.

2.1 Compatibility Check

Before installation, verify that this headlight dimmer switch is compatible with your specific vehicle model. Refer to your vehicle's service manual or consult a qualified automotive technician if unsure.

2.2 Installation Steps

1. **Safety First:** Disconnect the vehicle's battery to prevent electrical shorts or injury during installation.
2. **Locate Existing Switch:** Identify the location of the current headlight dimmer switch in your vehicle. This is typically found on the steering column or dashboard.

3. **Remove Old Switch:** Carefully disconnect any wiring harnesses and unmount the old switch. Note the orientation and connection points for reference.
4. **Connect New Switch:** Connect the vehicle's wiring harness to the terminals of the new Aramox dimmer switch. Ensure connections are secure and correctly oriented.



Figure 2: Side view of the dimmer switch, highlighting the electrical terminals for connection.

5. **Mount New Switch:** Securely mount the new dimmer switch in its designated position using appropriate fasteners.
6. **Reconnect Battery:** Once the switch is securely installed and wired, reconnect the vehicle's battery.
7. **Test Functionality:** Turn on your vehicle and test the headlight dimmer switch to ensure all functions (on/off, high beam, low beam) operate correctly.

3. Operating Instructions

The Aramox Car Headlight Dimmer Switch controls the primary functions of your vehicle's headlights. Its operation typically involves a rotary or push/pull mechanism, depending on the vehicle's design and the switch's specific

actuator type.

3.1 Headlight On/Off

To turn the headlights on or off, manipulate the switch according to your vehicle's standard operation. This may involve rotating the switch to a specific position or pulling/pushing the switch knob.

3.2 High Beam / Low Beam Control

The dimmer function allows you to switch between high beam and low beam settings. This is typically achieved by a specific action on the switch, such as pushing the stalk forward or pulling it back, or a distinct rotary position.



Figure 3: Top view of the dimmer switch, showing the plunger mechanism that controls headlight functions.

Always refer to your vehicle's owner's manual for precise instructions on operating your headlight system.

4. Maintenance

The Aramox Car Headlight Dimmer Switch is constructed from durable aluminum material, designed for long-term

reliability. Minimal maintenance is required for this component.

- **Regular Inspection:** Periodically inspect the switch for any signs of physical damage, loose connections, or unusual wear.
- **Cleaning:** If necessary, gently clean the exterior of the switch with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish or internal components.
- **Professional Check:** If you experience any intermittent functionality or complete failure, it is recommended to have the vehicle's electrical system and the switch inspected by a qualified automotive technician.

5. Troubleshooting

If you encounter issues with your Aramox Car Headlight Dimmer Switch, consider the following troubleshooting steps:

- **No Headlight Function:**
  - Check vehicle fuses related to the headlight system.
  - Verify that the wiring harness connections to the switch are secure and free from corrosion.
  - Inspect headlight bulbs for failure.
- **Intermittent Operation:**
  - This could indicate a loose connection or internal wear within the switch. Re-check connections.
  - If the issue persists, professional diagnosis is recommended.
- **Difficulty Switching Beams:**
  - Ensure the switch mechanism is not obstructed.
  - If the switch feels stiff or unresponsive, it may require replacement.

For complex electrical issues, always consult a certified automotive technician.

6. Specifications

Specification	Detail
Brand	Aramox
Material	Aluminum
Operation Mode	ON-OFF
Contact Type	Normally Open
Connector Type	Screw
Terminal	Screw
Circuit Type	1-way
Actuator Type	Rotary
International Protection Rating	IP54
Product Dimensions (L x W x H)	3.94 x 3.94 x 3.94 inches

Weight	3.53 ounces

7. Warranty and Support

Aramox is committed to customer satisfaction. Your Car Headlight Dimmer Switch comes with a service guarantee.

7.1 Service Guarantee

If the product is found to be unsuitable, it may be eligible for replacement within 3 months of purchase. Please contact our support team for assistance.

7.2 Customer Support

For any questions, concerns, or dissatisfaction regarding your product, please do not hesitate to contact Aramox customer support. Our team is available to assist you and aims to respond within 24 hours.
You can typically find contact information on the Aramox official website or through your purchase platform.

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