

Standard Motor Products DS-352

Standard Motor Products DS-352 Multi-Function Switch User Manual

Model: DS-352

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Standard Motor Products DS-352 Multi-Function Switch. Please read this manual thoroughly before installation and retain it for future reference.

The SMP DS-352 is a headlight dimmer switch designed for specific Chevrolet models from 1984 to 1991, including various Blazer, C10, C20, C30, and K10 series vehicles. This component is crucial for controlling the high and low beam functions of your vehicle's headlights.

SAFETY INFORMATION

Always disconnect the vehicle's battery before performing any electrical work to prevent electrical shock or damage to the vehicle's electrical system. Wear appropriate personal protective equipment, such as safety glasses and gloves. If you are unsure about any step, consult a qualified automotive technician.

PACKAGE CONTENTS

- 1 x Standard Motor Products DS-352 Multi-Function Switch
- *(Additional components may vary based on specific packaging)*

SPECIFICATIONS

Feature	Detail
Model	DS-352
Brand	Standard Motor Products

Operation Mode	Motor
Contact Type	Normally Open
Terminal	Through Hole
Item Dimensions (L x W x H)	3.03 x 3.03 x 3.63 inches
Circuit Type	1-way
Actuator Type	Rotary
Contact Material	Copper
International Protection Rating	IP54
Control Method	Touch
Item Weight	3.68 ounces
Color	White

SETUP AND INSTALLATION

This section outlines the general procedure for installing the DS-352 Multi-Function Switch. Specific vehicle models may have variations. Refer to your vehicle's service manual for detailed instructions.

1. Prepare the Vehicle:

- Ensure the vehicle is parked on a level surface with the parking brake engaged.
- Turn off the ignition and remove the key.
- Disconnect the negative terminal of the vehicle's battery to prevent electrical hazards.

2. Access the Existing Switch:

- Locate the existing headlight dimmer switch, typically found on the steering column or dashboard.
- Depending on the vehicle, you may need to remove dashboard trim panels, steering column covers, or other components to gain access. Use appropriate tools to avoid damaging interior parts.

3. Remove the Old Switch:

- Carefully disconnect the electrical connectors from the old switch. Note the orientation and connection points if not clearly marked.
- Unfasten any mounting screws, clips, or retaining mechanisms holding the old switch in place.
- Remove the old switch from its mounting location.

4. Install the New DS-352 Switch:

- Position the new DS-352 Multi-Function Switch into the designated mounting location.
- Secure the switch using the original mounting screws, clips, or retaining mechanisms. Ensure it is firmly seated and does not wobble.
- Reconnect the electrical connectors to the new switch. Verify that all connections are secure and correctly oriented.

5. Reassemble and Test:

- Before fully reassembling the interior trim, reconnect the vehicle's battery.
- Turn on the ignition and test the functionality of the new switch. Verify that the high beams, low beams, and

- any other integrated functions (if applicable to your vehicle's original switch) operate correctly.
- If all functions are working, reassemble any removed trim panels or covers.

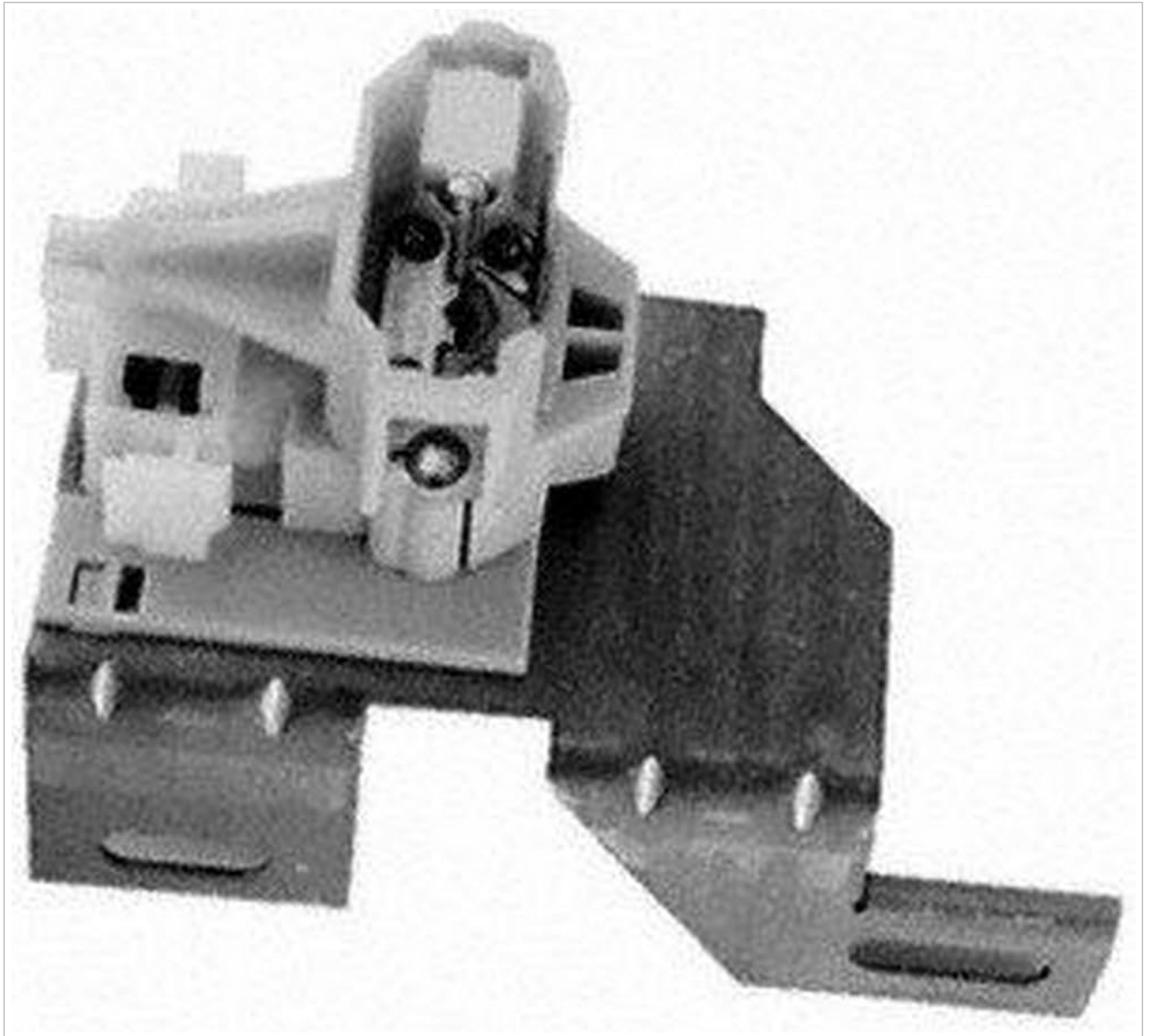


Figure 1: The Standard Motor Products DS-352 Multi-Function Switch. This image displays the main component, a headlight dimmer switch, featuring its plastic housing and metal mounting bracket. The electrical terminals are visible at the top of the plastic housing.

OPERATING INSTRUCTIONS

The DS-352 Multi-Function Switch primarily controls the high and low beam functions of your vehicle's headlights. Its operation is integrated with your vehicle's existing controls.

- **Low Beams:** Typically activated by rotating the headlight switch to the "ON" position or by a specific lever position on the steering column.
- **High Beams:** Engaged by pushing or pulling the multi-function lever (often the turn signal stalk) towards or away from the steering wheel, or by a dedicated button, depending on your vehicle's design. The DS-352 facilitates this changeover.
- **Dimmer Function:** The switch manages the transition between high and low beams.

Refer to your vehicle's owner's manual for precise instructions on operating your specific headlight and dimmer functions.

MAINTENANCE

The Standard Motor Products DS-352 Multi-Function Switch is designed for durability and typically requires no routine maintenance after proper installation. However, consider the following:

- **Regular Inspection:** During routine vehicle maintenance, visually inspect the switch and its connections for any signs of wear, corrosion, or damage.
- **Cleaning:** If the switch becomes dirty, gently wipe the exterior with a clean, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Professional Check:** If you experience intermittent headlight operation or difficulty switching between high and low beams, have the switch and associated wiring inspected by a qualified technician.

TROUBLESHOOTING

If you encounter issues with your DS-352 Multi-Function Switch, consider the following troubleshooting steps:

- **Headlights Not Working:**
 - Check the vehicle's fuses related to the headlights. A blown fuse can prevent operation.
 - Inspect headlight bulbs for failure.
 - Ensure all electrical connectors to the switch are securely attached.
- **Difficulty Switching Between High/Low Beams:**
 - Verify that the multi-function lever or control mechanism is moving freely and not obstructed.
 - Check for any loose or corroded connections at the switch.
 - If the issue persists, the switch itself may be faulty and require replacement.
- **Intermittent Operation:**
 - Intermittent issues often point to loose or corroded electrical connections. Disconnect and reconnect the battery and switch connectors to ensure good contact.
 - Inspect wiring for any signs of damage or fraying.

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

WARRANTY INFORMATION

Standard Motor Products typically offers a limited warranty on their automotive parts. For specific warranty terms, conditions, and duration for the DS-352 Multi-Function Switch, please refer to the warranty documentation included with your purchase or visit the official Standard Motor Products website. Retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, product inquiries, or support regarding your Standard Motor Products DS-352 Multi-Function Switch, please contact Standard Motor Products customer service. Contact information can usually be found on their official website or product packaging.

Online Resources: www.smpcorp.com

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Question

Example: How do I reset this device or fix this error?

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