

Standard Motor Products DS-2201

Standard Motor Products DS-2201 Switch User Manual

Model: DS-2201

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Standard Motor Products DS-2201 Switch. Designed for automotive applications, this switch is a critical component for specific vehicle functions, such as trunk release. Please read this manual thoroughly before installation and use to ensure proper function and safety.

PRODUCT OVERVIEW



Figure 1: Main view of the Standard Motor Products DS-2201 Switch. This image shows the cylindrical body of the switch with the button on one end and the electrical connector on the other.



Figure 2: Close-up of the switch button, featuring a white icon depicting a car with an open trunk, indicating its function as a trunk release switch.

The DS-2201 is a compact, durable switch designed for reliable performance in automotive environments. It features a robust metal construction and is rated IP54 for protection against dust and splashing water, ensuring longevity and consistent operation.

SETUP AND INSTALLATION

The Standard Motor Products DS-2201 Switch is designed for specific vehicle applications. Professional installation is highly recommended to ensure correct wiring and integration with your vehicle's electrical system.

Before Installation:

- Ensure the vehicle's battery is disconnected to prevent electrical shorts or damage.
- Identify the correct mounting location and wiring harness for the switch in your vehicle. Refer to your vehicle's service manual for precise instructions.
- Verify that the DS-2201 switch is the correct replacement part for your vehicle's make and model.

Installation Steps:

1. Carefully remove the old switch from its mounting location, if applicable.
2. Locate the corresponding electrical connector in your vehicle.
3. Align the DS-2201 switch with the electrical connector.
4. Firmly push the switch into the connector until it clicks securely into place. Ensure all pins are properly seated.
5. Mount the switch into its designated panel opening.
6. Reconnect the vehicle's battery.
7. Test the switch's functionality before fully reassembling any removed panels.



Figure 3: Rear view of the DS-2201 switch, illustrating the multi-pin electrical connector. This connector ensures a secure and reliable electrical connection within the vehicle's wiring harness.

OPERATING INSTRUCTIONS

The Standard Motor Products DS-2201 Switch operates as a momentary contact switch, typically used for functions like trunk release. Its operation is straightforward:

1. Ensure the vehicle's ignition is in the appropriate position (e.g., ACC or ON) as required by your vehicle's design for the switch to be active.
2. Press the button on the DS-2201 switch firmly.
3. The switch will activate the corresponding function (e.g., release the trunk latch) for as long as it is pressed, or until the function is completed.
4. Release the button to return the switch to its inactive state.

Refer to your vehicle's owner's manual for specific details on how this switch interacts with your vehicle's systems.

MAINTENANCE

The DS-2201 Switch is designed for minimal maintenance. However, periodic checks can help ensure its longevity and reliable performance.

- **Cleaning:** Keep the visible part of the switch clean from dust and debris. Use a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Connection Check:** Periodically inspect the electrical connection to ensure it remains secure and free from corrosion. If corrosion is present, disconnect the battery and carefully clean the terminals.
- **Environmental Protection:** While the switch has an IP54 rating, protecting it from excessive moisture or direct water spray will further extend its lifespan.

TROUBLESHOOTING

If you experience issues with your Standard Motor Products DS-2201 Switch, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
Switch does not respond when pressed.	No power to the circuit.	Check vehicle fuses related to the switch's function.
	Loose or corroded electrical connection.	Inspect the electrical connector for secure fit and corrosion. Clean if necessary.
	Faulty switch.	Ensure vehicle ignition is on or in ACC mode.
	Vehicle's system not in correct state (e.g., ignition off).	If issues persist, the switch may need replacement.
Intermittent operation.	Loose connection.	Verify the electrical connection is fully seated and secure.
	Partial internal fault in the switch.	Consider professional diagnosis and potential switch replacement.

For complex electrical issues or if troubleshooting steps do not resolve the problem, it is recommended to consult a qualified automotive technician.

SPECIFICATIONS

Attribute	Detail
Brand	Standard Motor Products
Model Number	DS-2201
Material	Metal
Item Dimensions (L x W x H)	1.5 x 1 x 2.9 inches
Item Weight	0.48 ounces
International Protection Rating	IP54 (Protected from limited dust ingress and water spray from any direction)
Connectivity Protocol	X-10 (Note: This might refer to a general electrical standard or internal component, not necessarily a smart home protocol in this context.)
Unit Count	1.0 Count
UPC	025623418209
Manufacturer	Standard Motor Products

WARRANTY AND SUPPORT

For detailed warranty information regarding the Standard Motor Products DS-2201 Switch, please refer to the official Standard Motor Products website or contact their customer support directly. Warranty terms and conditions may vary.

For technical assistance, installation queries, or further support, please visit the manufacturer's official support channels or consult with a certified automotive technician.