

[Manuals.plus](#) /

- › [Standard Motor Products](#) /
- › Standard Motor Products AW-1003 Door Jamb Switch User Manual

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Model: AW-1003

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the Standard Motor Products AW-1003 Door Jamb Switch. Please read these instructions carefully before proceeding with installation or use to ensure proper function and safety.

2. PRODUCT OVERVIEW

The Standard Motor Products AW-1003 is a vehicle-specific door jamb courtesy light switch designed to detect the open or closed state of a vehicle door. This switch is crucial for controlling interior lights, door ajar warnings, and other related vehicle functions.

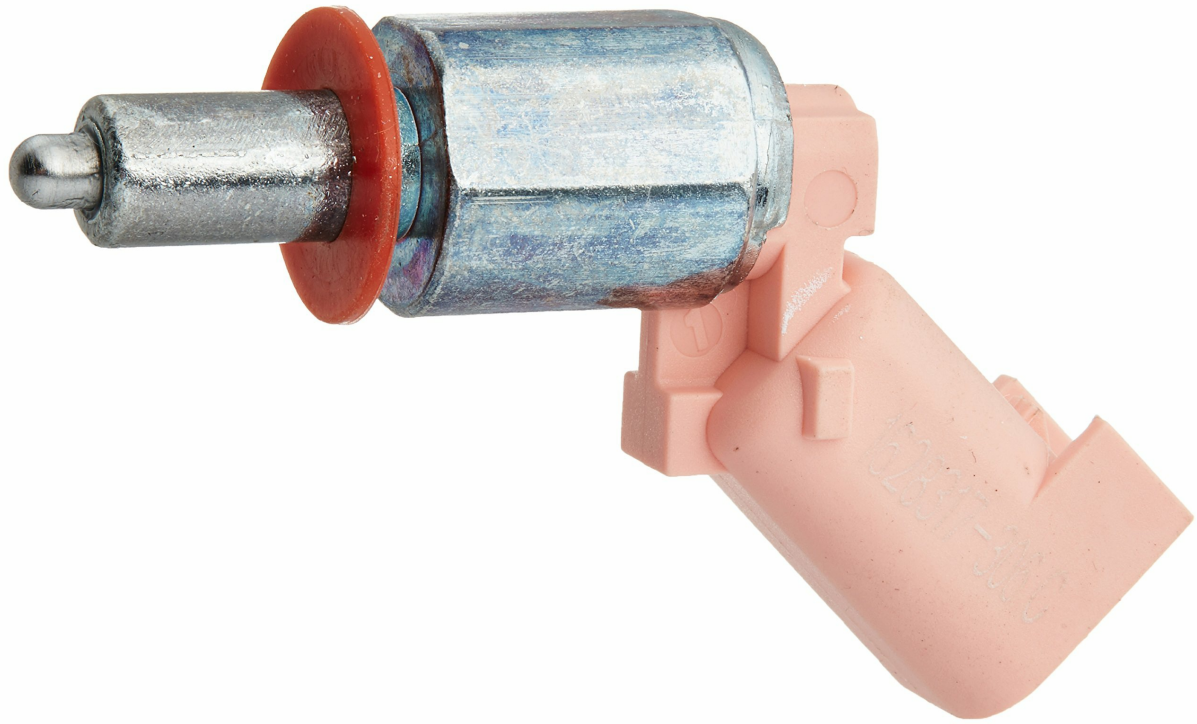


Image: The Standard Motor Products AW-1003 Door Jamb Switch, featuring a metallic push-button mechanism and a pink plastic connector housing.

2.1 Package Contents

- 1 x Standard Motor Products AW-1003 Door Jamb Switch

3. SETUP AND INSTALLATION

Installation of the AW-1003 Door Jamb Switch typically involves replacing an existing switch. Due to the vehicle-specific nature and potential complexity of accessing the door jamb area, professional installation is recommended. If you choose to perform the installation yourself, ensure you have the necessary tools and refer to your vehicle's service manual for specific instructions regarding door panel removal and switch replacement.

3.1 General Installation Steps (Consult Vehicle Manual for Specifics)

1. **Safety First:** Disconnect the vehicle's battery to prevent electrical shorts or accidental activation of airbags.
2. **Access the Switch:** Carefully remove the door panel or trim to gain access to the existing door jamb switch. This may involve removing screws, clips, and disconnecting electrical connectors.
3. **Remove Old Switch:** Disconnect the electrical connector from the old switch. Unscrew or unclip the old switch from its mounting location in the door jamb.
4. **Install New Switch:** Connect the electrical connector to the new AW-1003 switch. Secure the new switch into the door jamb opening.
5. **Test Functionality:** Before reassembling the door panel, reconnect the vehicle battery and test the switch. Open and close the door to verify that interior lights activate and deactivate correctly, and any door ajar warnings function as expected.
6. **Reassemble:** Once functionality is confirmed, reattach the door panel and any removed trim pieces. Reconnect the vehicle battery if it was disconnected for testing.

Note: Improper installation can lead to electrical issues or damage to vehicle components. If you are unsure, seek assistance from a qualified automotive technician.

4. OPERATING INSTRUCTIONS

The AW-1003 Door Jamb Switch operates automatically based on the position of the vehicle door. It is a push-button type switch with a Normally Closed (NC) contact type, meaning the circuit is closed when the door is open (button is released) and open when the door is closed (button is pressed).

- **Door Open:** When the door is open, the switch button is released, completing the circuit. This typically activates interior lights and may trigger a door ajar warning on the dashboard.
- **Door Closed:** When the door is closed, the switch button is pressed in, breaking the circuit. This typically turns off interior lights and deactivates any door ajar warnings.

5. MAINTENANCE

The Standard Motor Products AW-1003 Door Jamb Switch is designed for durability and requires minimal maintenance. Regular inspection can help ensure its longevity and proper function.

- **Cleaning:** Periodically inspect the switch for dirt, debris, or corrosion. Clean with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Lubrication:** The switch mechanism is generally self-lubricating. Do not apply external lubricants unless specifically recommended by the vehicle manufacturer.
- **Physical Inspection:** Check for any signs of physical damage, loose connections, or excessive wear on the push-button mechanism.

6. TROUBLESHOOTING

If you experience issues with your door jamb switch, consider the following common problems and solutions:

- **Interior Lights Stay On/Door Ajar Warning Active (Door Closed):**
 - Ensure the door is fully closed and latched.
 - Inspect the switch for proper seating and ensure the button is fully depressed when the door is closed.
 - Check for debris obstructing the switch mechanism.
 - Verify electrical connections are secure and free of corrosion.
 - The switch itself may be faulty and require replacement.
- **Interior Lights Do Not Turn On/Door Ajar Warning Not Active (Door Open):**
 - Check the vehicle's interior light fuse.
 - Ensure the switch button is fully released when the door is open.
 - Inspect for damaged wiring or loose electrical connections to the switch.
 - The switch may be faulty and require replacement.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified automotive technician.

7. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Number	AW-1003
Brand	Standard Motor Products
Operation Mode	ON-OFF
Current Rating	2 Amps
Operating Voltage	120 Volts
Contact Type	Normally Closed
Connector Type	Crimp
Terminal	Through Hole
Item Dimensions (L x W x H)	1.5 x 1.16 x 2.88 inches
Circuit Type	1-way
Actuator Type	Push Button
Contact Material	Brass
Item Weight	0.8 ounces

8. WARRANTY AND SUPPORT

For information regarding product warranty or technical support, please contact Standard Motor Products directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.

Manufacturer: Standard Motor Products

Website: www.smpcorp.com (Example link, actual link may vary)