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› Standard Motor Products AW-1001 Switch User Manual

Standard Motor Products AW-1001

Standard Motor Products AW-1001 Switch User Manual

Model: AW-1001 | Brand: Standard Motor Products

PRODUCT OVERVIEW

The Standard Motor Products AW-1001 is a high-quality automotive switch designed for reliable performance in various vehicle applications. This manual provides essential information for its proper installation, operation, and maintenance.

Key features include:

- Durable construction for long-lasting use.
- Engineered to meet or exceed OEM specifications.
- Designed for specific automotive electrical systems.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of the AW-1001 switch. If you are unsure about any step, consult a qualified automotive technician.

- Safety First:** Disconnect the vehicle's battery negative terminal before beginning any electrical work to prevent accidental short circuits or electrical shock.
- Locate Existing Switch:** Identify the location of the switch to be replaced or the intended mounting point for the new switch.
- Remove Old Switch (if applicable):** Carefully disconnect any wiring harnesses and mounting hardware from the old switch. Note the orientation and wiring connections for reinstallation.
- Inspect Wiring:** Check the vehicle's wiring harness for any signs of damage, corrosion, or wear. Repair or replace damaged wiring as necessary.
- Connect New Switch:** Connect the wiring harness to the AW-1001 switch. Ensure all connections are secure and match the original configuration. Refer to your vehicle's service manual for specific wiring diagrams if needed.
- Mount Switch:** Securely mount the AW-1001 switch in its designated location using appropriate fasteners. Ensure it is stable and does not interfere with other components.
- Reconnect Battery:** Once the switch is securely installed and wired, reconnect the vehicle's battery negative terminal.
- Test Functionality:** Turn on the vehicle's ignition and test the functionality of the newly installed switch to ensure it operates correctly.



Figure 1: Top-down view of the Standard Motor Products AW-1001 Switch, illustrating its robust black metal housing and visible electrical contacts. This image provides a general perspective of the switch's form factor.

OPERATING INSTRUCTIONS

The Standard Motor Products AW-1001 switch operates based on its specific application within your vehicle's electrical system. Generally, switches function by completing or breaking an electrical circuit.

- **Activation:** Depending on its design (e.g., toggle, push-button, rotary), activate the switch by moving it to the "ON" position or pressing it to engage the circuit.
- **Deactivation:** Move the switch to the "OFF" position or press it again to disengage the circuit.
- **Indicator Lights:** Some applications may include indicator lights that illuminate when the switch is active.

Always refer to your vehicle's owner's manual for specific instructions on how the AW-1001 switch controls a particular function in your vehicle.

MAINTENANCE

The AW-1001 switch is designed for minimal maintenance. However, periodic checks can help ensure its longevity and reliable operation.

- **Visual Inspection:** Periodically inspect the switch and its wiring for any signs of physical damage, loose connections, or corrosion.
- **Cleanliness:** Keep the switch free from excessive dirt, dust, and moisture. Use a clean, dry cloth to wipe down the exterior if necessary. Avoid using harsh chemicals or abrasive cleaners.
- **Connection Integrity:** Ensure that the electrical connections remain tight and free of corrosion. If corrosion is present, carefully clean the terminals after disconnecting the battery.



Figure 2: Side view of the Standard Motor Products AW-1001 Switch, revealing the internal mechanism with brass-colored components. This angle highlights the operational parts of the switch.

TROUBLESHOOTING

If you experience issues with your AW-1001 switch, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Switch does not activate function.	No power, faulty wiring, blown fuse, or defective switch.	Check vehicle's fuse box. Inspect wiring for loose connections or damage. Test for power at the switch terminals. If all else fails, the switch may need replacement.
Function remains active when switch is off.	Switch contacts are stuck, or wiring is shorted.	Disconnect battery immediately. Inspect switch for physical damage. Check wiring for shorts. Replace switch if contacts are stuck.
Intermittent operation.	Loose connection, corroded terminals, or internal switch wear.	Ensure all connections are tight. Clean any corroded terminals. If the issue persists, the switch may be failing internally.

For complex electrical issues, it is recommended to seek assistance from a certified automotive electrician.



Figure 3: Close-up view of the Standard Motor Products AW-1001 Switch's electrical terminals and connection points. This detailed image is useful for identifying wiring locations during installation or troubleshooting.

SPECIFICATIONS

Attribute	Detail
Brand	Standard Motor Products
Model Number	AW-1001

Attribute	Detail
Item Weight	1 pounds
Product Dimensions (L x W x H)	5 x 6 x 3 inches
Unit Count	1.0 Count
Manufacturer	Standard Motor Products
UPC	025623573915
ASIN	B005F9L1NQ
First Available	July 7, 2004

WARRANTY AND SUPPORT

For information regarding the warranty of your Standard Motor Products AW-1001 switch, please refer to the official warranty documentation provided with your purchase or visit the [Standard Motor Products website](#).

For technical support or further assistance, please contact Standard Motor Products customer service directly. Contact information can typically be found on their official website or product packaging.

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