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Standard Motor Products DS-1362

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Model: DS-1362

1. INTRODUCTION AND OVERVIEW

The Standard Motor Products DS-1362 Headlight Switch is engineered for robust performance and durability, meeting the stringent demands of modern automotive systems. Constructed with high-grade materials and copper alloy conductors, it ensures superior electrical conductivity and minimal resistive losses. Each unit undergoes rigorous testing to verify both mechanical and electrical switching performance, reflecting decades of industry-leading research and development focused on technician needs. As a global manufacturer of original equipment ignition products, Standard Motor Products maintains complete quality control from componentry to finished product.



Figure 1: Front view of the Standard Motor Products DS-1362 Headlight Switch. This image displays the primary rotary knob on the left, used for controlling the vehicle's headlights, and a smaller, ridged wheel on the right, typically used for adjusting dashboard illumination or dimmer functions. Various symbols for light settings are visible around the main knob.

2. PRODUCT FEATURES

- **Robust Design:** Engineered with high-grade materials for demanding automotive environments.
- **Superior Conductivity:** Features copper alloy conductors to ensure efficient electrical flow and low resistive losses.
- **100% Tested:** Each part is thoroughly tested for both mechanical and electrical switching performance.
- **Quality Control:** Maintained throughout the manufacturing process, from componentry to finished product.
- **Vehicle Specific Fit:** Designed for precise compatibility with specific vehicle models.
- **Compact Dimensions:** Package dimensions are 1.4 inches (Height) x 8.25 inches (Length) x 6.914 inches (Width).
- **Origin:** Manufactured in Taiwan.

3. SPECIFICATIONS

Specification	Detail
Model Number	DS-1362
Brand	Standard Motor Products
Operation Mode	Motor, Electrical

Specification	Detail
Contact Type	Normally Open
Connector Type	[Likely] Din Rail/Smart Home Connector (Note: This might be a generic description from the source, actual connector is vehicle-specific)
Terminal	Screw
Item Dimensions (L x W x H)	5.19 x 2.5 x 5.19 inches
Circuit Type	1-way
Mounting Type	DIN Rail Mount (Note: This might be a generic description from the source, actual mounting is vehicle-specific)
Actuator Type	Plug-in
Contact Material	Copper
Item Weight	5.6 ounces
UPC	091769567033
Country of Origin	Taiwan

4. SETUP AND INSTALLATION

Installation of the DS-1362 Headlight Switch typically involves working with vehicle electrical systems. For safety and proper function, it is highly recommended that installation be performed by a qualified automotive technician. Incorrect installation can lead to electrical issues, damage to the vehicle, or personal injury.

General Installation Guidelines (Professional Installation Recommended):

- Safety First:** Disconnect the vehicle's battery before beginning any electrical work to prevent short circuits or electrical shock.
- Locate Existing Switch:** Identify the location of the current headlight switch in your vehicle, typically on the dashboard or steering column.
- Remove Trim Panels:** Carefully remove any necessary dashboard or interior trim panels to access the switch mounting area and wiring harness. Refer to your vehicle's service manual for specific instructions.
- Disconnect Wiring:** Unplug the electrical connector(s) from the old headlight switch. Note the orientation and connection points if not clearly marked.
- Remove Old Switch:** Unfasten and remove the old headlight switch from its mounting location.
- Install New Switch:** Position the new DS-1362 switch into the mounting location and secure it.
- Connect Wiring:** Reconnect the vehicle's electrical wiring harness to the new switch, ensuring all connections are secure and properly seated.
- Test Functionality:** Before reassembling trim panels, reconnect the vehicle's battery and test the headlight switch's functions (headlights, parking lights, fog lights if applicable, and dimmer control).
- Reassemble:** Once confirmed operational, reattach all trim panels securely.

Important: This switch is designed for vehicle-specific fit. Ensure the DS-1362 is the correct part for your vehicle's make,

model, and year before attempting installation.

5. OPERATING INSTRUCTIONS

The Standard Motor Products DS-1362 Headlight Switch controls various lighting functions of your vehicle. While specific operations may vary slightly by vehicle model, the general functions are as follows:

- **Rotary Knob (Main Control):**
 - **OFF Position (O):** All exterior lights are off.
 - **Parking Lights (P):** Activates parking lights, taillights, side marker lights, and typically dashboard illumination.
 - **Headlights (D):** Activates low beam headlights, along with parking lights, taillights, and dashboard illumination.
 - **Automatic Headlights (if equipped):** Some vehicles may have an "Auto" setting that automatically turns headlights on or off based on ambient light conditions.
- **Dimmer Wheel (Smaller Control):**
 - This small, ridged wheel is typically used to adjust the brightness of the vehicle's dashboard lights, instrument cluster, and other interior illumination. Rotate the wheel up or down to increase or decrease brightness.
- **Fog Light Control (if equipped):**
 - If your vehicle is equipped with fog lights, there may be an additional pull-out or push-button function on the main rotary knob to activate them. Fog lights usually operate only when parking lights or headlights are on.

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

6. MAINTENANCE

The Standard Motor Products DS-1362 Headlight Switch is designed to be a maintenance-free component. Regular maintenance is generally not required for the switch itself. However, to ensure its longevity and proper function, consider the following:

- **Keep Clean:** Periodically wipe the surface of the switch with a soft, dry cloth to remove dust and grime. Avoid using harsh chemicals or abrasive cleaners, which can damage the finish or markings.
- **Avoid Force:** Operate the switch gently. Excessive force when turning the knob or adjusting the dimmer can cause internal damage.
- **Check Connections:** If you experience intermittent issues, a qualified technician can inspect the electrical connections to ensure they remain secure and free from corrosion.
- **Environmental Factors:** While designed for automotive environments, extreme temperatures or excessive moisture can potentially affect electronic components over a very long period. Ensure your vehicle's interior is well-maintained.

7. TROUBLESHOOTING

If you encounter issues with your vehicle's lighting system after installing or while using the DS-1362 Headlight Switch, consider the following troubleshooting steps. It is advisable to consult a qualified automotive technician for diagnosis and repair of electrical issues.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Headlights/Lights Not Turning On	<ul style="list-style-type: none"> ◦ Blown fuse ◦ Faulty bulb(s) ◦ Loose or corroded wiring connection ◦ Incorrect switch installation ◦ Faulty switch (less likely if new) 	<ul style="list-style-type: none"> ◦ Check and replace relevant fuses in the vehicle's fuse box. ◦ Inspect and replace any burnt-out headlight or other light bulbs. ◦ Have a technician check all wiring connections to the switch and lights. ◦ Verify correct installation as per vehicle service manual. ◦ If all else fails, professional diagnosis of the switch may be needed.
Lights Stay On/Cannot Turn Off	<ul style="list-style-type: none"> ◦ Stuck switch contact ◦ Wiring short or fault 	<ul style="list-style-type: none"> ◦ Disconnect battery immediately to prevent drain. ◦ Seek professional automotive electrical diagnosis.
Dimmer Function Not Working	<ul style="list-style-type: none"> ◦ Faulty dimmer circuit within the switch ◦ Issue with vehicle's instrument cluster wiring 	<ul style="list-style-type: none"> ◦ Ensure the dimmer wheel is rotated fully. ◦ Professional diagnosis is recommended to isolate the issue.
Intermittent Light Operation	<ul style="list-style-type: none"> ◦ Loose connection ◦ Corrosion ◦ Internal switch fault 	<ul style="list-style-type: none"> ◦ Have connections checked and cleaned by a technician. ◦ Professional diagnosis of the switch and associated wiring.

Always prioritize safety when dealing with vehicle electrical systems. If you are unsure about any troubleshooting step, consult a certified mechanic.

8. WARRANTY AND SUPPORT

For information regarding the warranty of your Standard Motor Products DS-1362 Headlight Switch, please refer to the warranty documentation provided at the time of purchase or visit the official Standard Motor Products website. Warranty terms and conditions typically cover manufacturing defects.

For technical support, installation inquiries, or warranty claims, please contact Standard Motor Products customer service directly. Contact information can usually be found on their official website or product packaging.

Standard Motor Products Official Website: www.smpcorp.com

