

Standard Motor Products DS-2268

Standard Motor Products DS-2268 Switch User Manual

Model: DS-2268

1. INTRODUCTION AND OVERVIEW

The Standard Motor Products DS-2268 Switch is a critical component designed to ensure optimal performance and fuel efficiency in compatible vehicles. This manual provides essential information regarding the switch's features, specifications, installation, operation, and maintenance.

A properly functioning idle air control valve, which this switch supports, is vital for the vehicle's smooth operation.

2. PRODUCT FEATURES

- **Vehicle Specific Fit:** Designed for precise compatibility with specific vehicle models.
- **Compact Dimensions:** Package length of 5.79 inches, height of 3.26 inches, and width of 4.39 inches for easy handling and installation.
- **Durable Construction:** Built to meet automotive standards for reliability and longevity.

3. SPECIFICATIONS

Specification	Value
Operation Mode	ON-OFF
Current Rating	20 Amps
Operating Voltage	5 Volts
Contact Type	Normally Open
Connector Type	Crimp
Brand	Standard Motor Products
Terminal	Screw
Item Dimensions (L x W x H)	3.3 x 2 x 3.3 inches
International Protection Rating	IP00

Specification	Value
Connectivity Protocol	X-10
Color	Black
Unit Count	1.0 Count
Item Weight	1.6 ounces
Country of Origin	USA
Model Number	DS-2268

4. WHAT'S IN THE BOX

The package for the Standard Motor Products DS-2268 Switch contains the following item:

- 1 x Standard Motor Products DS-2268 Switch

5. SETUP AND INSTALLATION

Installation of the DS-2268 switch should be performed by a qualified technician or an individual with experience in automotive electrical systems. Refer to your vehicle's service manual for specific instructions regarding the removal of the old switch and installation of the new one.

1. **Safety First:** Disconnect the vehicle's battery before beginning any electrical work to prevent accidental short circuits or injury.
2. **Locate the Existing Switch:** Identify the location of the switch to be replaced in your vehicle. This is typically a door jamb switch or a fuel tank selector switch, depending on the specific application.
3. **Disconnect Wiring:** Carefully disconnect the electrical connector(s) from the existing switch. Note the orientation of the wires if not clearly marked.
4. **Remove Old Switch:** Unmount the old switch from its housing or mounting point. This may involve unscrewing fasteners or releasing clips.
5. **Install New Switch:** Position the new Standard Motor Products DS-2268 Switch into the mounting location. Ensure it fits securely.
6. **Connect Wiring:** Reconnect the electrical connector(s) to the new switch. Ensure a firm and proper connection.
7. **Test Functionality:** Reconnect the vehicle's battery. Test the functionality of the newly installed switch to ensure it operates correctly before fully reassembling any removed panels.





Figure 1: Front view of the DS-2268 Switch, showing the 'FUEL', 'FRONT', and 'REAR' labels. This image illustrates the primary user interface of the switch.



Figure 2: Rear view of the DS-2268 Switch, displaying the electrical connector pins. This view is crucial for understanding the wiring connections during installation.

6. OPERATING INSTRUCTIONS

The DS-2268 switch operates in an ON-OFF mode and is typically used for selecting fuel tanks (Front/Rear) or as a door jamb switch. Its function is straightforward:

- **Fuel Tank Selection:** If used as a fuel tank selector, press the "FRONT" or "REAR" button to switch between the corresponding fuel tanks. The selected tank will then supply fuel to the engine.
- **Door Jamb Functionality:** If used as a door jamb switch, its operation is automatic. When the door is opened, the switch changes state (e.g., turns on interior lights or activates a warning). When the door is closed, it returns to its original state.

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

7. MAINTENANCE

The Standard Motor Products DS-2268 Switch is designed for long-term reliability and typically requires minimal maintenance. However, regular inspection can help ensure its continued proper function:

- **Visual Inspection:** Periodically check the switch for any visible signs of damage, corrosion, or loose connections.
- **Cleanliness:** Keep the area around the switch clean and free from dirt, debris, or moisture, which can interfere with its operation.
- **Connection Integrity:** Ensure the electrical connector remains securely attached to the switch.

Do not attempt to disassemble the switch, as it contains no user-serviceable parts. If the switch is damaged or malfunctioning, it should be replaced.

8. TROUBLESHOOTING

If you experience issues with the DS-2268 switch, consider the following troubleshooting steps:

- **No Response from Switch:**

- Check the electrical connection to ensure it is secure and free of corrosion.
- Verify that the vehicle's battery is properly connected and charged.
- Inspect relevant fuses in the vehicle's fuse box that might supply power to the switch or its associated system.

- **Intermittent Operation:**

- This could indicate a loose connection or internal wear. Re-check connections.
- If the issue persists, the switch may need replacement.

- **Incorrect Function (e.g., wrong fuel tank selected):**

- Ensure the switch is correctly installed and the wiring matches the vehicle's specifications.
- Consult a professional mechanic if the issue cannot be resolved, as it may indicate a problem with the vehicle's wiring or fuel system.

For complex issues or if you are unsure about performing repairs, it is recommended to seek assistance from a certified automotive technician.

9. WARRANTY AND SUPPORT

Standard Motor Products provides quality automotive components. For specific warranty information regarding your DS-2268 Switch, please refer to the warranty documentation included with your purchase or visit the official Standard Motor Products website. Support for installation and troubleshooting can often be found through authorized dealers or professional automotive service centers.

For further assistance, you may contact Standard Motor Products customer service through their official channels.

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