

Uriah Products UA422100

Uriah Products UA422100 Momentary On Push Button Switch Instruction Manual

INTRODUCTION

Welcome to the instruction manual for your Uriah Products UA422100 Momentary On Push Button Switch. This manual provides essential information for the safe and effective installation, operation, and maintenance of your switch. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

Safety Precautions

- Always disconnect power to the circuit before installing or servicing the switch.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Do not exceed the specified voltage (12V DC) or current rating (15 Amps) to avoid damage to the switch or connected components.
- This switch is designed for low-voltage DC applications. Do not use with AC power or higher DC voltages.
- If you are unsure about any part of the installation process, consult a qualified electrician or automotive technician.

PACKAGE CONTENTS

What's Included

The Uriah Products UA422100 Momentary On Push Button Switch package typically includes:

- 1x Uriah Products UA422100 Momentary On Push Button Switch

- Mounting hardware (nut and washer for 1/2" diameter mounting hole)

PRODUCT SPECIFICATIONS

Feature	Specification
Model Number	UA422100
Brand	Uriah Products
Switch Type	Momentary On Push Button
Operation Mode	Momentary (ON-OFF)
Operating Voltage	12V DC
Current Rating	15 Amps (Maximum)
Contact Material	Brass Contacts, Stainless Steel components
Terminal Type	Screw Terminals (2 contacts)
Mounting Diameter	1/2 inch
Dimensions (L x W x H)	Approximately 4.5 x 3 x 2 inches
IP Rating	IP66 (Protection against dust and powerful water jets)

INSTALLATION INSTRUCTIONS

Follow these steps to properly install your momentary push button switch:

- 1. Prepare the Mounting Location:** Select a suitable location on your dash or panel that has a 1/2 inch diameter hole. If a hole does not exist, carefully drill one to the specified diameter. Ensure there is sufficient clearance behind the panel for the switch body and wiring.
- 2. Mount the Switch:** Insert the threaded portion of the switch through the prepared hole from the front of the panel. Secure the switch in place using the provided mounting nut and washer on the backside of the panel. Tighten firmly but do not overtighten.



Image: The Uriah Products UA422100 Momentary On Push Button Switch. This image displays the switch's chrome-plated push button, the threaded mounting shaft with a nut, and the two screw terminals for electrical connections on the rear of the switch body.

3. Wire the Switch:

- Identify the two screw terminals on the back of the switch.
- Connect one wire from your 12V DC power source (e.g., positive lead from battery or fused circuit) to one of the screw terminals.
- Connect the wire leading to the device you wish to control (e.g., horn, starter solenoid, auxiliary light) to the other screw terminal.
- Ensure all connections are tight and secure. Use appropriate wire gauges for your application and insulate exposed wire ends if necessary.

4. **Test the Circuit:** Once installation is complete, carefully re-connect power to the circuit. Press the switch button to verify proper momentary operation of the connected device.

OPERATING INSTRUCTIONS

The Uriah Products UA422100 is a momentary "ON" push button switch. This means it completes a circuit only while the button is being pressed. When the button is released, it returns to its original "OFF" (open circuit) position.

To operate the switch:

1. Ensure the switch is properly installed and wired into a 12V DC circuit.
2. Press and hold the chrome button to activate the connected device.

3. Release the button to deactivate the connected device.

This switch is ideal for applications requiring temporary activation, such as horns, starter buttons, or momentary auxiliary functions.

MAINTENANCE

The Uriah Products UA422100 Momentary On Push Button Switch is designed for durability and requires minimal maintenance. However, periodic checks can ensure optimal performance:

- **Cleaning:** If the switch becomes dirty, wipe the exterior with a clean, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Connection Check:** Periodically inspect the wiring connections at the screw terminals to ensure they remain tight and free from corrosion. Loose connections can lead to intermittent operation or overheating.
- **Environmental Exposure:** While rated IP66 for protection against dust and water jets, prolonged exposure to extreme conditions or submersion should be avoided.

TROUBLESHOOTING GUIDE

If you experience issues with your Uriah Products UA422100 switch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Switch does not activate device when pressed.	No power to the circuit. Loose or incorrect wiring. Faulty connected device. Switch failure.	Check power source and fuses. Verify all wiring connections are secure and correct. Test the connected device independently. If other solutions fail, the switch may need replacement.
Device remains ON or OFF after releasing the button.	Switch mechanism is stuck. Incorrect switch type for application.	Inspect the button for obstructions. Ensure it moves freely. Confirm that a momentary switch is appropriate for your application. If continuous ON/OFF is needed, a latching switch is required.
Switch feels loose in mounting hole.	Mounting nut is loose.	Tighten the mounting nut on the backside of the panel.

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Uriah Products UA422100 Momentary On Push Button Switch, please refer to the official Uriah Products website or contact their customer service department. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the [Uriah Products Store on Amazon](#).