

Custom Accessories 10241

Custom Accessories Model 10241 Auxiliary 12V Power Outlet Instruction Manual

This manual provides instructions for the Custom Accessories Model 10241 Auxiliary 12 Volt Power Outlet. This product is designed to expand power options in automotive environments.

1. PRODUCT OVERVIEW

The Custom Accessories Model 10241 is an auxiliary 12 Volt power outlet designed for automotive applications. It features a durable construction and a ceramic element for reliable performance.

Key Features:

- Auxiliary 12 Volt power outlet with ceramic element
- Convenient for expanding power options
- High quality construction



Figure 1: Custom Accessories Model 10241 Auxiliary 12V Power Outlet, showing the outlet, wiring, and mounting bracket.

2. SPECIFICATIONS

Feature	Detail
Model Number	10241
Brand	Custom Accessories
Number of Wires	2
Plug Format	Type A
UPC	077341102410
Item Weight	2.89 ounces
Product Dimensions	4.88 x 2.62 x 1.88 inches
Voltage	12V
Material	Solid
Connector Type	Plug-in

3. SAFETY INFORMATION

Please read and understand all safety instructions before installing or using this product. Failure to follow these instructions may result in electrical shock, fire, or serious injury.

- Always disconnect the vehicle's battery before performing any electrical installation to prevent short circuits.
- Ensure proper wiring polarity: connect the positive (+) wire to the positive terminal and the negative (-) wire to the negative terminal or a suitable ground point.
- Do not exceed the maximum current rating of your vehicle's electrical system or the power outlet.
- Use appropriate gauge wiring and fuses for your application to prevent overheating and fire hazards.
- Keep the power outlet free from moisture and debris.
- Do not use the power outlet if it is damaged or if the wiring is frayed.

4. SETUP AND INSTALLATION

This auxiliary power outlet is designed for easy installation in various automotive environments. Basic electrical knowledge is recommended for installation.

Installation Steps:

1. **Choose a Mounting Location:** Select a flat, secure surface in your vehicle for mounting the auxiliary power outlet. Ensure there is sufficient space behind the mounting surface for wiring connections.
2. **Prepare the Mounting Hole:** If flush mounting, drill a hole of appropriate diameter (refer to product dimensions for exact size) in the chosen location. If using the included bracket, secure the bracket first.
3. **Connect Wiring:** Connect the positive (+) wire (typically red) from the power outlet to a fused 12V power source in your vehicle. Connect the negative (-) wire (typically black) to a suitable ground point on the vehicle chassis. Ensure all connections are secure and insulated.

4. **Secure the Outlet:** Insert the power outlet into the mounting hole or attach it to the bracket using appropriate fasteners. Ensure it is firmly in place and does not move.
5. **Test Functionality:** Reconnect the vehicle's battery. Insert a 12V accessory into the newly installed power outlet to confirm it is functioning correctly.

5. OPERATING INSTRUCTIONS

Using the Custom Accessories Model 10241 Auxiliary 12V Power Outlet is straightforward:

1. **Insert Accessory:** Plug your 12V compatible accessory (e.g., phone charger, portable air compressor) firmly into the auxiliary power outlet.
2. **Ensure Secure Connection:** Verify that the accessory plug is fully seated in the outlet to ensure proper electrical contact.
3. **Remove Accessory:** When finished, gently pull the accessory plug straight out of the power outlet.

Note: Some accessories may draw power even when the vehicle is off. If the outlet is wired to an always-on circuit, unplug accessories when not in use to prevent battery drain.

6. MAINTENANCE

To ensure the longevity and proper function of your auxiliary power outlet:

- **Regular Cleaning:** Periodically inspect and clean the interior of the power outlet to remove any dust, dirt, or debris that could interfere with electrical contact. Use a dry, non-conductive cloth.
- **Check Connections:** Occasionally verify that the wiring connections to the power outlet are secure and free from corrosion.
- **Inspect for Damage:** If the power outlet shows any signs of physical damage, such as cracks or loose components, replace it immediately.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power to the outlet	Blown fuse, loose wiring connection, incorrect wiring polarity.	Check and replace the fuse if necessary. Verify all wiring connections are secure. Ensure positive and negative wires are connected correctly.
Accessory does not fit securely	Incompatible accessory plug, debris in the outlet.	Ensure the accessory plug is a standard 12V automotive type. Clean the interior of the outlet.
Outlet becomes hot during use	Overloaded circuit, faulty accessory.	Reduce the load on the outlet by using lower-power accessories or fewer accessories simultaneously. Discontinue use of any accessory that causes excessive heat.

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Custom Accessories Model 10241 Auxiliary 12V Power Outlet, please refer to the manufacturer's official website or contact their customer service department. You can also visit the [Custom Accessories Store](#) for more products and information.

