

Lisle 32150

Lisle 32150 Power/Ground Outlet User Manual

Model: 32150

1. INTRODUCTION

The Lisle 32150 Power/Ground Outlet is designed to provide a convenient electrical ground and power source directly from a vehicle's 12V accessory socket (cigarette lighter outlet). This tool simplifies electrical testing and diagnostic procedures by offering accessible connection points for test equipment.

2. SAFETY INFORMATION

Always observe the following safety precautions when using electrical testing equipment:

- Ensure the vehicle's ignition is off before connecting or disconnecting the tool, unless specific testing requires power.
- Do not exceed the voltage rating of the vehicle's 12V accessory socket.
- Avoid contact with live electrical components.
- Use appropriate personal protective equipment, such as safety glasses.
- Verify the vehicle's 12V accessory socket is fused correctly to prevent damage to the vehicle's electrical system.
- Keep the tool clean and dry.

3. PRODUCT OVERVIEW

The Lisle 32150 Power/Ground Outlet features a standard 12V accessory plug on one end and two terminal posts (one for power, one for ground) on the other. A built-in indicator light confirms the presence of power and ground from the vehicle's socket.



Figure 1: Lisle 32150 Power/Ground Outlet. This image displays the grey plastic body of the Lisle 32150 tool. On one end, it has a brass tip for insertion into a 12V accessory socket. On the other end, it features two brass terminal posts with colored caps (red for positive, black for negative/ground) and a clear bulb in the center, which illuminates to indicate a functional power and ground connection.

4. SETUP

To set up the Lisle 32150 Power/Ground Outlet:

1. Locate a functional 12V accessory socket in your vehicle.
2. Insert the brass tip of the Lisle 32150 tool firmly into the 12V accessory socket.
3. Observe the indicator light on the tool. If the light illuminates, the socket is providing both power and ground, and the tool is ready for use. If the light does not illuminate, check the vehicle's fuse for the 12V accessory socket or try a different socket.

5. OPERATING INSTRUCTIONS

The Lisle 32150 provides convenient access points for electrical testing:

- **Providing Power:** Connect the positive lead of your test equipment (e.g., test light, multimeter) to the red-capped terminal post on the Lisle 32150. This provides a 12V power source for testing circuits.
- **Providing Ground:** Connect the negative lead or ground clip of your test equipment to the black-capped terminal post on the Lisle 32150. This provides a reliable ground connection, especially useful in modern vehicles where finding a chassis ground can be challenging.
- **12V Socket Functionality Check:** The integrated indicator light serves as a quick visual confirmation that the 12V accessory socket is operational, supplying both power and ground.

This tool is particularly useful for interior work, allowing for quick and easy diagnostics without needing to run long jumper wires to the battery.

6. MAINTENANCE

To ensure the longevity and proper function of your Lisle 32150 Power/Ground Outlet:

- Keep the tool clean by wiping it with a dry, soft cloth after each use.
- Store the tool in a dry environment, away from extreme temperatures and corrosive substances.
- Inspect the terminal posts and the main plug for any signs of damage or corrosion before each use.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Indicator light does not illuminate.	No power or ground from the 12V accessory socket.	<p>Check the vehicle's fuse for the 12V accessory socket.</p> <p>Try inserting the tool into a different 12V accessory socket.</p> <p>Ensure the tool is fully inserted into the socket.</p>
Intermittent power/ground connection.	Loose connection in the 12V accessory socket or worn tool contacts.	<p>Ensure the tool is securely seated in the socket.</p> <p>Inspect the tool's brass tip and the socket for debris or damage.</p>

8. SPECIFICATIONS

- **Model:** Lisle 32150
- **Product Type:** Auto Accessory
- **Item Weight:** 1.6 ounces
- **Product Dimensions:** 2.9 x 1.5 x 5.2 inches
- **Country of Origin:** United States

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding the Lisle 32150 Power/Ground Outlet, please contact Lisle Corporation directly. Refer to the official Lisle website or product packaging for the most current contact details.

Manufacturer: Lisle Corporation

Related Documents - 32150

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