

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Auto-Rod Controls](#) /
- › [Auto-Rod Controls 8000D 8 Switch In-Dash Control Module User Manual](#)

Auto-Rod Controls 8000D

Auto-Rod Controls 8000D 8 Switch In-Dash Control Module User Manual

Model: 8000D

1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Auto-Rod Controls 8000D 8 Switch In-Dash Control Module. Please read this manual thoroughly before attempting to install or operate the device. Retain this manual for future reference.

2. SAFETY INFORMATION

WARNING: Electrical systems can be dangerous. Improper installation or use may result in property damage, serious injury, or death. Always disconnect the vehicle's battery before performing any electrical work.

- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Do not exceed the specified current ratings for the module or individual circuits.
- Consult a qualified automotive electrician if you are unsure about any part of the installation process.
- Keep the module away from excessive heat, moisture, and corrosive substances.

3. PACKAGE CONTENTS

Verify that all items are present before beginning installation:

- Auto-Rod Controls 8000D 8 Switch In-Dash Control Module
- Integrated Relay Board
- Wiring Harness
- Mounting Hardware (screws, nuts, washers - typically included)



Figure 1: The Auto-Rod Controls 8000D kit, including the 8-switch panel, the relay board with eight relays, and the associated wiring harness. The switch panel features individual 'ON' and 'OFF' buttons for each of the eight circuits, labeled 1 through 8. The relay board is connected to the switch panel and manages the power distribution to the accessories.

4. SPECIFICATIONS

Feature	Specification
Model	8000D
Brand	Auto-Rod Controls
Number of Positions	8
Operation Mode	Auto
Contact Type	Normally Open
Actuator Type	Push Button
Control Method	Touch
Circuit Type	Parallel
Connector Type	Screw
Terminal	Screw

Feature	Specification
Contact Material	Aluminum
International Protection Rating	IP54
Product Dimensions (L x W x H)	10.4 x 8.1 x 4.85 inches
Item Weight	3.9 pounds
Color	Natural
Connectivity Protocol	X-10

5. SETUP AND INSTALLATION

Proper installation is crucial for the reliable operation of the 8000D module. If you are not experienced with automotive electrical systems, it is recommended to seek professional assistance.

5.1. Mounting the Control Module

1. Choose a suitable location on your vehicle's dashboard or console that allows for easy access and does not obstruct driving visibility or safety features.
2. Ensure there is sufficient space behind the mounting surface for the relay board and wiring harness.
3. Carefully mark the mounting points using the module as a template.
4. Drill pilot holes as necessary.
5. Secure the control module using the provided mounting hardware. Do not overtighten.

5.2. Wiring Instructions

The 8000D module includes a pre-wired relay board and harness. Follow the wiring diagram provided with your specific unit for detailed connections. General steps include:

1. **Disconnect Battery:** Always disconnect the negative terminal of your vehicle's battery before starting any wiring.
2. **Main Power Connection:** Connect the main power wire from the relay board to a fused, constant 12V power source. Ensure the fuse rating matches the total current draw of all connected accessories.
3. **Ground Connection:** Connect the main ground wire from the relay board to a solid chassis ground point.
4. **Accessory Connections:** Each of the eight relays on the board corresponds to a switch on the control module. Connect your accessories (lights, fans, etc.) to the appropriate output terminals on the relay board.
5. **Switch Panel Connection:** The control module connects to the relay board via the provided ribbon cable or multi-pin connector. Ensure this connection is secure.
6. **Ignition/Accessory Wire (if applicable):** Some installations may require an ignition-switched power source for certain functions. Refer to your specific wiring diagram.
7. **Verify Connections:** Double-check all connections for tightness and proper insulation.
8. **Reconnect Battery:** Once all wiring is complete and verified, reconnect the negative battery terminal.

6. OPERATING THE CONTROL MODULE

The Auto-Rod Controls 8000D features eight individual push-button switches to control various automotive accessories.

1. **Power On:** Ensure the vehicle's ignition is in the 'ON' or 'ACC' position if the module is wired to an ignition-switched power source.
2. **Activating an Accessory:** Press the 'ON' button corresponding to the desired accessory. The switch may illuminate or provide tactile feedback to indicate activation.
3. **Deactivating an Accessory:** Press the 'OFF' button corresponding to the active accessory to turn it off.
4. **Multiple Accessories:** You can activate multiple accessories simultaneously, provided the total current draw does not exceed the module's or vehicle's electrical system capacity.

7. MAINTENANCE

The 8000D control module is designed for durability and requires minimal maintenance.

- **Cleaning:** Periodically wipe the surface of the control module with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Annually inspect all wiring connections for corrosion, fraying, or looseness. Ensure all fuses are intact and correctly rated.
- **Relay Replacement:** If a relay fails, it can typically be replaced by carefully pulling it from its socket on the relay board and inserting a new, identical relay. Ensure the replacement relay has the same voltage and current ratings.

8. TROUBLESHOOTING

If you encounter issues with your 8000D control module, refer to the following common problems and solutions:

- **No Power to Module:**
 - Check the main power fuse. Replace if blown.
 - Verify the main power and ground connections are secure.
 - Ensure the vehicle's battery is charged and properly connected.
- **Accessory Not Activating:**
 - Check the fuse for that specific accessory circuit on the relay board. Replace if blown.
 - Verify the wiring connection between the relay board and the accessory.
 - Ensure the accessory itself is functioning correctly by testing it directly.
 - Listen for an audible click from the relay when pressing the 'ON' button. If no click, the relay may be faulty or the switch signal is not reaching it.
- **Switch Indicator Not Working:**
 - This may indicate a faulty switch or a problem with the internal wiring of the control module. Contact support if other troubleshooting steps fail.

If problems persist after attempting these steps, contact Auto-Rod Controls customer support or a qualified technician.

9. WARRANTY AND SUPPORT

For specific warranty information regarding your Auto-Rod Controls 8000D module, please refer to the documentation provided at the time of purchase or contact Auto-Rod Controls directly. Warranty terms typically cover manufacturing defects for a specified period.

For technical support or assistance with installation and troubleshooting, please contact the manufacturer or your authorized dealer. Have your model number (8000D) and purchase information ready when contacting support.