

Freightliner A22-51674-000

Freightliner Black Push Button Windshield Wiper Switch

MODEL: A22-51674-000 USER MANUAL

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Freightliner Black Push Button Windshield Wiper Switch, Model A22-51674-000. Please read this manual thoroughly before installation and use to ensure safe and efficient functionality.

2. Safety Information

Always prioritize safety during installation and operation. Improper installation or use can lead to vehicle damage or personal injury.

- Ensure the vehicle's electrical system is completely de-energized before beginning any installation work. Disconnect the battery.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- If you are unsure about any part of the installation process, consult a qualified automotive technician.
- Do not modify the switch or its wiring. Use only genuine replacement parts.
- This switch is designed for specific applications. Verify compatibility with your vehicle before installation.

3. Package Contents

Verify that all components are present and undamaged upon opening the package.

- 1 x Freightliner Windshield Wiper Switch (Model A22-51674-000)

4. Setup and Installation

Installation of this windshield wiper switch requires basic electrical and mechanical knowledge. Professional installation is recommended.

1. **Preparation:** Ensure the vehicle's ignition is off and the battery is disconnected to prevent electrical shorts or damage.
2. **Access:** Locate the existing wiper switch or the designated mounting location for the new switch in your vehicle's dashboard or control panel. This may require removing trim panels.
3. **Removal (if replacing):** Carefully disconnect the wiring harness from the old switch and unmount it from its position.
4. **Mounting the New Switch:** Insert the new Freightliner A22-51674-000 switch into the designated opening. Secure it firmly according to the vehicle's specifications.
5. **Wiring Connection:** Connect the vehicle's wiring harness to the connector on the new switch. Ensure all connections are secure and correctly aligned. Refer to your vehicle's service manual for specific wiring diagrams if necessary.
6. **Testing:** Reconnect the vehicle battery. Turn the ignition to the 'ON' position (without starting the engine) and test the wiper switch functionality.
7. **Reassembly:** Once functionality is confirmed, reassemble any removed trim panels.



An image showing the Freightliner A22-51674-000 windshield wiper switch. The switch features a black rectangular body with a brass-colored shaft extending from one end. A multi-colored wiring harness with a black connector extends from the opposite end, indicating its electrical connection points.

5. Operating Instructions

The Freightliner A22-51674-000 is a push-button switch designed for manual operation of the windshield wipers.

- **Wiper Activation:** Press the button to activate the windshield wipers.
- **Wiper Speed/Mode:** Depending on your vehicle's system, subsequent presses or rotations (if applicable to the specific model variant) may cycle through different wiper speeds (e.g., intermittent, low, high) or modes. Consult your vehicle's owner's manual for specific wiper control functions.
- **Wiper Deactivation:** Press the button again or cycle through the modes until the wipers turn off.

6. Maintenance

This switch is designed for durability and requires minimal maintenance.

- **Cleaning:** Keep the switch surface clean from dust and debris. Use a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the switch and its wiring for any signs of wear, damage, or loose

connections.

- **IP65 Rating:** The IP65 rating indicates protection against dust ingress and low-pressure water jets from any direction. While robust, avoid direct high-pressure washing of the switch area.

7. Troubleshooting

If you experience issues with your wiper switch, consider the following common troubleshooting steps:

- **Wipers Not Functioning:**
 - Check the vehicle's fuse box for a blown wiper fuse.
 - Ensure the wiring harness is securely connected to the switch.
 - Verify that the wiper motor is functioning correctly.
- **Intermittent Operation:**
 - Inspect wiring for loose connections or corrosion.
 - Ensure the switch is properly seated in its mounting.
- If problems persist after basic troubleshooting, it is recommended to consult a qualified automotive technician for diagnosis and repair.

8. Specifications

Brand	Freightliner
Model Number	A22-51674-000
Item Weight	6.2 pounds
Exterior Finish	Machined
Manufacturer	FREIGHTLINER
Position	Front

9. Warranty and Support

For warranty information or technical support regarding your Freightliner A22-51674-000 Windshield Wiper Switch, please refer to the official Freightliner documentation provided with your vehicle or contact an authorized Freightliner service center. Keep your purchase receipt for warranty claims.