

APOLLOLIFT Key switch

APOLLOLIFT Key Switch Instruction Manual for Full Electric Pallet Jack Models A-1029 and A-1030

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the APOLLOLIFT Key Switch. This key switch is specifically designed for compatibility with APOLLOLIFT Full Electric Pallet Jack models A-1029 and A-1030. Please read this manual thoroughly before attempting any procedures to ensure safe and correct usage.

2. SAFETY INFORMATION

WARNING: Always disconnect power to the pallet jack before performing any installation, maintenance, or repair procedures. Failure to do so can result in serious injury or death.

- Ensure all work is performed by qualified personnel familiar with electrical systems and industrial equipment.
- Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves.
- Verify that the replacement key switch is the correct part for your specific pallet jack model (A-1029 or A-1030).
- Do not modify the key switch or its wiring.
- Keep the key switch and its connections free from moisture, dust, and debris.

3. PRODUCT OVERVIEW

The APOLLOLIFT Key Switch serves as the primary power control for compatible full electric pallet jacks, enabling or disabling the electrical system with a turn of the key.



Figure 3.1: The APOLLOLIFT Key Switch, shown with two accompanying keys. This component is crucial for controlling the power supply to the electric pallet jack.



Figure 3.2: An APOLLOLIFT Full Electric Pallet Jack, illustrating the type of equipment this key switch is designed to operate with. The key switch is typically located on the control panel of such equipment.

4. SPECIFICATIONS

Specification	Value
Item Model Number	Key switch
Operation Mode	Manual
Contact Type	Normally Open
Connector Type	Molex
Terminal	Screw
Circuit Type	1-way
Actuator Type	Key
Contact Material	Copper, Brass, Silver

Specification	Value
Number of Positions	1
Control Method	Touch

5. INSTALLATION

This section provides general guidance for installing the APOLLOLIFT Key Switch. Specific installation steps may vary slightly depending on the exact model of your pallet jack. Always refer to your pallet jack's primary service manual for detailed instructions.

1. **Power Disconnection:** Before beginning, ensure the pallet jack's main power supply is completely disconnected and locked out to prevent accidental startup.
2. **Access:** Locate the existing key switch on the pallet jack's control panel. You may need to remove a cover or panel to access the wiring.
3. **Wiring Disconnection:** Carefully disconnect the existing wiring from the old key switch. Note the position and connection of each wire, especially for the Molex connector and screw terminals. It is recommended to take a photograph before disconnecting.
4. **Removal:** Unscrew or unfasten the old key switch from its mounting hole.
5. **New Switch Placement:** Insert the new APOLLOLIFT Key Switch into the mounting hole. Secure it firmly using the provided hardware.
6. **Wiring Connection:** Connect the pallet jack's wiring to the new key switch, ensuring that each wire is attached to the correct Molex connector and screw terminal as noted during disconnection. Double-check all connections for tightness and proper insulation.
7. **Reassembly:** Replace any covers or panels that were removed.
8. **Testing:** Reconnect the pallet jack's main power supply. Insert the key into the new switch and turn it to the 'ON' position. Verify that the pallet jack powers on correctly and all functions are operational.

6. OPERATION

The APOLLOLIFT Key Switch operates as a simple on/off mechanism for your electric pallet jack.

- **To Power On:** Insert the key into the key switch and turn it clockwise to the 'ON' position. The pallet jack's electrical system will activate.
- **To Power Off:** Turn the key counter-clockwise to the 'OFF' position. This will cut power to the pallet jack's electrical system.
- Always remove the key when the pallet jack is not in use to prevent unauthorized operation.

7. MAINTENANCE

Regular maintenance of the key switch ensures reliable operation and extends its lifespan.

- **Cleaning:** Periodically clean the key switch and its surrounding area to remove dust, dirt, and debris. Use a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.
- **Connection Check:** Annually, or as part of your pallet jack's routine maintenance, inspect the wiring connections to the key switch. Ensure they are secure and free from corrosion.

- **Key Integrity:** Inspect the keys for any signs of wear or damage. Damaged keys may not operate the switch smoothly.
- **Environmental Protection:** Ensure the key switch is protected from excessive moisture or extreme temperatures, which can degrade its performance and lifespan.

8. TROUBLESHOOTING

If your pallet jack fails to power on or experiences intermittent power issues, the key switch may be a contributing factor. Perform the following basic troubleshooting steps:

- **No Power When Key is ON:**
 - Ensure the key is fully inserted and turned to the 'ON' position.
 - Check all wiring connections to the key switch for looseness or damage.
 - Inspect the key itself for damage that might prevent proper engagement.
 - Verify that the pallet jack's main battery is charged and connected.
- **Key Difficult to Turn:**
 - Do not force the key. Inspect for debris in the keyhole.
 - If the key is bent or damaged, replace it.

If these steps do not resolve the issue, it may indicate a faulty key switch or a problem elsewhere in the pallet jack's electrical system. Contact APOLLLOLIFT customer support or a qualified technician for further assistance.

9. WARRANTY AND SUPPORT

For information regarding the warranty of your APOLLLOLIFT Key Switch, please refer to the documentation provided with your original purchase or contact APOLLLOLIFT customer service directly. For technical assistance, replacement parts, or any other inquiries, please visit the official APOLLLOLIFT store or contact their support team.

You can find more information and contact details at the [APOLLLOLIFT Store on Amazon](#).