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GWNOWZZET Bruno

User Manual for GWNOWZZET Lift Vehicle Wiring Harness

Model: Bruno (Compatible with ASL-250, ASL-275 Out-Sider Lifts)

1. Product Overview

This manual provides essential information for the installation, operation, and maintenance of the GWNOWZZET Lift Vehicle Wiring Harness. This high-quality wiring harness is designed as an exact equivalent part, meeting original manufacturer specifications and features for Bruno electric mobility lifts.
It is specifically compatible with Bruno ASL-250 and ASL-275 Out-Sider Lifts, providing the necessary electrical connection from your vehicle's battery to the lift system. The harness is approximately 22 feet in length, ensuring ample reach for various vehicle configurations.



Figure 1.1: GWNOWZZET Lift Vehicle Wiring Harness, showing the main cable and connectors.

2. Safety Information

Always prioritize safety during installation and operation. Failure to follow these guidelines may result in injury, damage to property, or malfunction of the product.

- **Disconnect Battery:** Before beginning any electrical installation, always disconnect the vehicle's battery to prevent electrical shock or short circuits.
- **Professional Installation Recommended:** If you are not comfortable working with vehicle electrical systems, seek assistance from a qualified automotive technician.
- **Inspect Components:** Before installation, carefully inspect all components of the wiring harness for any signs of damage, fraying, or corrosion. Do not install damaged parts.
- **Secure Wiring:** Ensure all wiring is routed away from hot surfaces, moving parts, and sharp edges. Use cable ties or clips to secure the harness to prevent chafing or entanglement.
- **Proper Connections:** Ensure all connections are secure and fully seated. Loose connections can lead to

intermittent power, overheating, or electrical fires.

- **Fuse Protection:** The harness includes an inline fuse for circuit protection. Do not bypass or replace this fuse with one of a higher amperage rating.
- **Compatibility Check:** Verify that the connectors on this harness are compatible with your specific Bruno lift model (ASL-250, ASL-275 Out-Sider). Some users have reported minor variations in connector spade width requiring slight modification for a perfect fit.

3. Package Contents

The package includes the following items:

- 1 x Lift Vehicle Wiring Harness (approximately 22 feet in length)
- 1 x 4-Pin Connector (integrated with the harness)
- Integrated inline fuse and battery ring terminals



Figure 3.1: Illustration of the cable battery harness type and material (plastic + metal).

4. Setup and Installation

This wiring harness is designed for straightforward installation, connecting your Bruno electric mobility lift to your vehicle's battery. The approximate 22-foot length provides flexibility for routing.

1. **Preparation:** Ensure your vehicle is turned off and the battery's negative terminal is disconnected. Gather necessary tools (e.g., wrench for battery terminals, cable ties).
2. **Route the Harness:** Carefully route the main wiring harness from the intended location of your Bruno lift (typically at the rear of the vehicle) to the vehicle's battery compartment. Avoid sharp edges, exhaust components, and moving parts. Use existing wire channels or secure with cable ties.
3. **Connect to Lift:** Connect the 4-pin connector of the harness to the corresponding port on your Bruno ASL-250 or ASL-275 Out-Sider lift. Ensure a secure and snug fit.

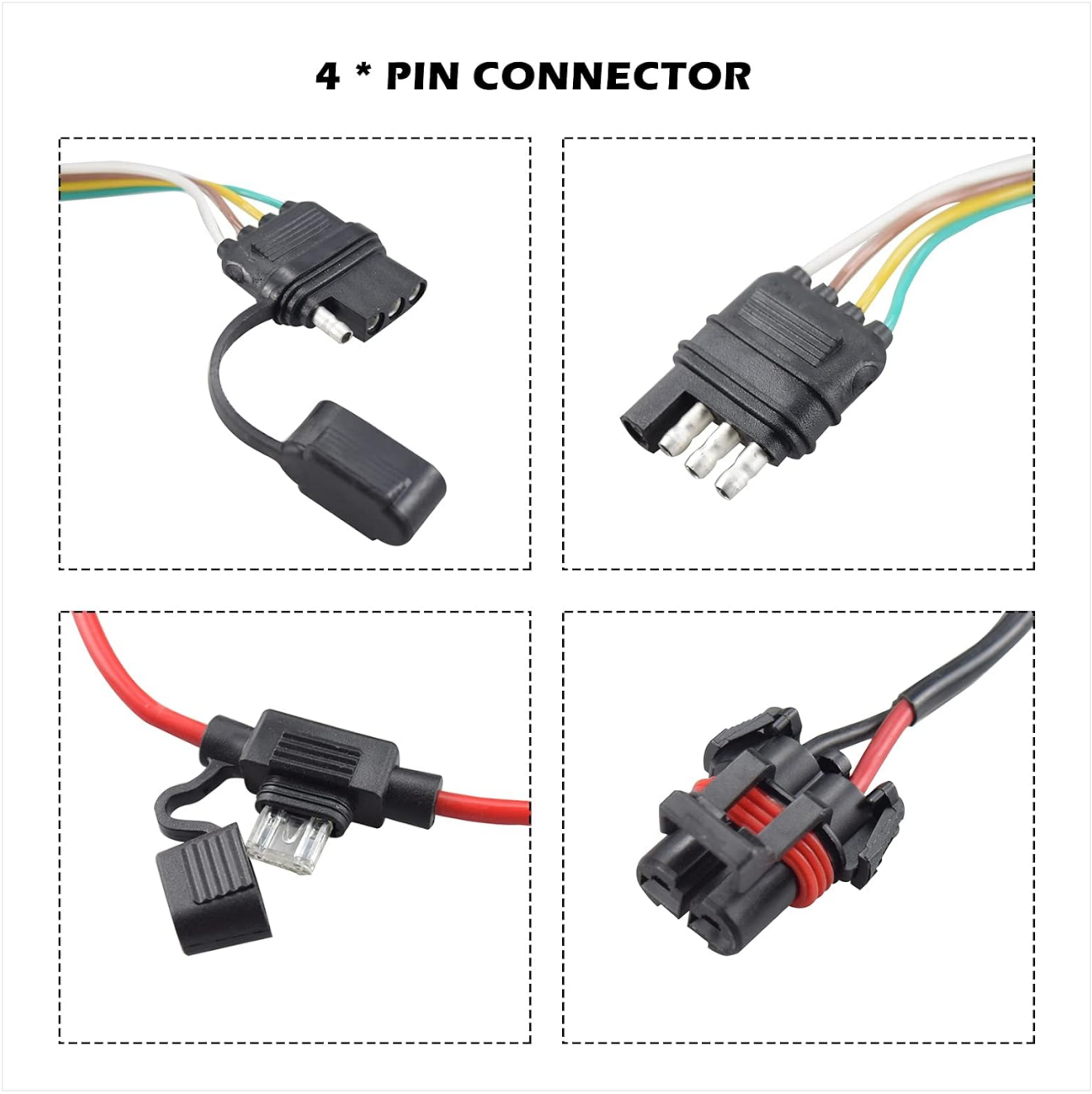


Figure 4.1: Detailed view of the 4-pin connector and its components.

4. **Connect to Battery:** Connect the ring terminals of the harness to your vehicle's battery terminals. The red wire typically connects to the positive (+) terminal, and the black wire to the negative (-) terminal. Ensure the inline fuse is properly seated.



Figure 4.2: Close-up of the inline fuse and the main power connector.

5. **Secure Excess Wiring:** Coil and secure any excess wiring to prevent it from hanging loose or interfering with other vehicle components.
6. **Reconnect Battery:** Once all connections are secure and wiring is properly routed, reconnect the vehicle's negative battery terminal.
7. **Test Functionality:** Test the operation of your Bruno lift to ensure it receives power and functions correctly.

For a visual guide on the product and its components, please refer to the video below:

[redacted]

Video 4.1: Overview of the Lift Vehicle Wiring Harness, compatible with Bruno Out-Sider lifts. This video demonstrates the components and general appearance of the harness.

5. Operating Instructions

Once the GWNOWZZET Lift Vehicle Wiring Harness is correctly installed, it provides continuous power from your vehicle's battery to the Bruno mobility lift. The operation of the lift itself will follow the specific instructions provided in your Bruno lift's user manual.

The wiring harness does not require any direct user interaction after installation, as its function is to supply power to the lift system.

6. Maintenance

Regular inspection of the wiring harness can help ensure its longevity and reliable performance.

- **Visual Inspection:** Periodically inspect the entire length of the harness for any signs of wear, cuts, abrasions, or heat damage. Check connectors for corrosion or looseness.
- **Clean Connections:** If corrosion is present on battery terminals or connectors, carefully clean them using a wire brush and battery terminal cleaner. Ensure connections are dry before reassembly.
- **Fuse Check:** If the lift experiences a sudden loss of power, check the inline fuse. If blown, replace it with a fuse of the exact same amperage rating. A repeatedly blown fuse indicates a larger electrical issue that should be diagnosed by a professional.
- **Secure Mounting:** Verify that the harness remains securely fastened along its route and that no sections are rubbing against vehicle components.

7. Troubleshooting

If you encounter issues with your wiring harness, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
Lift receives no power.	Blown fuse; loose battery connection; damaged wiring.	Check and replace fuse if necessary. Ensure battery terminals are clean and tight. Inspect wiring for visible damage.
Intermittent power to lift.	Loose connections at lift or battery; partially damaged wire.	Verify all connectors are fully seated. Inspect wiring for internal breaks (may require professional diagnosis).
Connector does not fit Bruno lift.	Minor manufacturing variation in connector spade width.	*Carefully* and *slightly* file down the sides of the spade connectors if they are too wide. Do not remove too much material. Ensure proper fit without excessive force. If unsure, consult a professional.
Wiring harness appears too short/long.	Incorrect routing; unexpected vehicle dimensions.	Re-evaluate wiring route for efficiency. The harness is 22 feet long, which is generally sufficient. If too long, coil and secure excess. If too short, an extension may be required (consult manufacturer).

8. Specifications

Brand: GWNOWZZET

Model: Bruno (Compatible with ASL-250, ASL-275 Out-Sider Lifts)

Material: Plastic, Metal

Cable Length: Approximately 22 Feet

Cable Type: Auxiliary

Item Weight: 0.73 Kilograms (approx. 1.61 Pounds)

Manufacturer: GWNOW

ASIN: B09BQPWPRP

9. Warranty and Support

For information regarding warranty coverage or technical support, please contact the seller or manufacturer directly. You can visit the official GWNOWZZET store on Amazon for more products and support information:

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