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AlveyTech B02-0100

AlveyTech L Terminal Adapter Kit Instruction Manual

Model: B02-0100

1. Product Overview

The AlveyTech L Terminal Adapter Kit is designed to convert screw-in battery terminals to post terminals, enabling compatibility with vehicles that require post-style connections, such as certain mobility scooters and power chairs. This kit provides a reliable solution for adapting existing batteries to new terminal requirements.



Image 1.1: Complete AlveyTech L Terminal Adapter Kit showing all components.

Each kit contains the necessary hardware to convert one battery. If your application involves multiple batteries, ensure you acquire a sufficient number of kits.

2. Package Contents

Each AlveyTech L Terminal Adapter Kit includes the following components:

- 2x Brass-colored L-shaped brackets
- 4x Bolts
- 2x Nuts
- 4x Split washers



Image 2.1: Detailed view of the kit's components, including two L-brackets, four bolts, two nuts, and four washers.

3. Installation Instructions

Follow these steps to install the L Terminal Adapter Kit:

1. **Prepare the Battery:** Ensure the battery is disconnected from any power source and the vehicle. Identify the screw-in terminals on your battery.
2. **Attach the Bracket:** Using one of the included bolts and a split washer, attach one end of an L-shaped bracket to a screw-in terminal on your battery. Do not fully tighten yet.
3. **Connect Wire Harness:** Place the bolt through the end of your existing wire harness connector. Then, pass the bolt through the remaining hole in the L-shaped bracket.
4. **Secure Connection:** Add a split washer and a nut to the bolt to complete the attachment of the wire harness to the terminal.
5. **Tighten Hardware:** Ensure all hardware (bolts, nuts, and washers) are securely tightened. Verify that the connection is firm and stable before use.
6. **Repeat for Second Terminal:** Repeat steps 2-5 for the second battery terminal.

Installation Options: Standard vs. Shallow

The L-shaped brackets offer two installation configurations:

- **Standard Installation:** The bracket extends vertically from the battery terminal, providing a higher post connection.
- **Shallow Installation:** The bracket can be oriented to provide a lower profile post connection, which may be beneficial in confined spaces.



Image 3.1: Example of the L Terminal Adapter installed in a standard configuration on a battery.



Image 3.2: Example of the L Terminal Adapter installed in a shallow configuration on a battery.

4. Maintenance

To ensure optimal performance and longevity of your L Terminal Adapter Kit:

- **Regular Inspection:** Periodically check all connections for tightness. Vibrations during vehicle operation can loosen hardware over time.
- **Corrosion Check:** Inspect the terminals and connections for any signs of corrosion. Clean any corrosion with a wire brush and a battery terminal cleaner.
- **Secure Fit:** Ensure the L-brackets remain firmly attached to the battery terminals and that the wire harness connectors are snug.

5. Troubleshooting

Issue	Possible Cause	Solution
Loose connection / Intermittent power	Hardware not tightened sufficiently.	Ensure all bolts and nuts are securely tightened.
Corrosion on terminals	Exposure to moisture or environmental factors.	Clean terminals with a battery brush and anti-corrosion spray.
Adapter does not fit battery	Incorrect battery terminal size or type.	Verify battery terminal specifications. This kit is for screw-in terminals.

6. Specifications

- **Model Number:** B02-0100
- **Manufacturer:** AlveyTech
- **Item Weight:** 1.44 ounces (approximately 40.8 grams)
- **Product Dimensions:** 3 x 3.98 x 1 inches (approximately 7.62 x 10.11 x 2.54 cm)
- **Compatibility:** Batteries with screw-in terminals
- **Function:** Converts screw-in terminals to post terminals

7. Support Information

For further assistance, technical support, or inquiries regarding the AlveyTech L Terminal Adapter Kit, please refer to the official AlveyTech website or contact their customer service department. AlveyTech is committed to providing reliable solutions and support for its products.
You can visit the AlveyTech store for more information:AlveyTech Store on Amazon

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