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Hyuduo B0BC29GJMP

Hyuduo Battery Terminal Clamp Connectors Instruction Manual

Model: B0BC29GJMP

PRODUCT OVERVIEW

The Hyuduo Battery Terminal Clamp Connectors are designed for quick and easy connection and disconnection of car battery terminals. Made from brass, aluminum alloy, and steel, these connectors offer good conductivity and corrosion resistance, reducing voltage distortion and transmission loss. They feature a power-off function for safety and are suitable for various vehicles including cars, trucks, caravans, and RVs.



Image: A pair of Hyuduo Battery Terminal Clamp Connectors, one red for positive and one black for negative, illustrating their design and quick-release levers.

SAFETY INFORMATION

- Always wear appropriate personal protective equipment, such as safety glasses and gloves, when working with car batteries.
- Ensure the vehicle's ignition is off and the parking brake is engaged before beginning installation.
- Disconnect the negative (-) terminal first, then the positive (+) terminal. When reconnecting, attach the positive (+) terminal first, then the negative (-) terminal.
- Avoid short-circuiting the battery terminals.
- Keep children and pets away from the work area.

PACKAGE CONTENTS

- 2 x Battery Terminal Connectors (1 Positive, 1 Negative)



Image: The two battery terminal connectors included in the package, showing their distinct colors for positive (red) and negative (black) identification.

SPECIFICATIONS

Feature	Detail
Material	Brass, Aluminum Alloy, Steel
Positive Taper Hole Size	Approx. 17.5-19.1mm / 0.69-0.75in
Negative Taper Hole Size	Approx. 15.9-17.5mm / 0.63-0.69in
Item Weight	3.52 ounces
Package Dimensions	4.25 x 3.46 x 1.06 inches

SETUP AND INSTALLATION

- 1. Prepare the Battery:** Ensure the vehicle is off and the battery surface is clean and free of corrosion. Use a wire brush if necessary to clean the battery posts.
- 2. Identify Terminals:** The red connector is for the positive (+) terminal, and the black connector is for

the negative (-) terminal. Ensure correct polarity.

- 3. Connect Negative Terminal First (Disconnection):** If replacing existing terminals, disconnect the negative (-) terminal first to prevent accidental short circuits. Loosen the nut on the existing negative terminal clamp and remove it. Then, disconnect the positive (+) terminal.
- 4. Install New Terminals:** Place the appropriate Hyduo terminal clamp onto the corresponding battery post. The positive clamp fits posts approximately 17.5-19.1mm, and the negative clamp fits posts approximately 15.9-17.5mm. Ensure a snug fit.
- 5. Secure the Connection:** Tighten the bolts on the terminal clamps to ensure a firm and stable connection. Do not overtighten. The quick-release lever should be in the open position during installation.
- 6. Connect Positive Terminal First (Reconnection):** When reconnecting the battery, always attach the positive (+) terminal first, then the negative (-) terminal.
- 7. Test Connection:** Gently tug on the installed clamps to ensure they are securely fastened and do not wobble.



Image: A detailed view of the red positive terminal clamp, highlighting the quick-release mechanism and the bolt for securing the wire.

These battery terminal clamps are designed for quick disconnection and reconnection of your vehicle's battery.

Quick Disconnect

To disconnect the battery, simply lift the quick-release lever on the desired terminal (negative first for safety). This will loosen the clamp, allowing it to be easily removed from the battery post.

Quick Reconnect

To reconnect, place the clamp back onto the battery post (positive first), then press the quick-release lever down firmly until it locks into place. Ensure the connection is secure.

Your browser does not support the video tag.

Video: A short demonstration (10 seconds) showing the quick disconnect and reconnect functionality of the battery terminal clamps. This video provides a visual guide to operating the quick-release lever.

MAINTENANCE

- Regularly inspect the terminals for any signs of corrosion, wear, or damage.
- If corrosion is present, disconnect the terminals (negative first) and clean them thoroughly with a battery terminal brush and a baking soda solution. Rinse with water and dry completely before reconnecting.
- Ensure all connections remain tight. Periodically check the tightness of the bolts.
- Apply a thin layer of anti-corrosion grease to the battery posts and terminals after cleaning or installation to prevent future corrosion.

TROUBLESHOOTING

Problem: Poor electrical connection or intermittent power.

Solution: Check if the terminal clamps are securely tightened to the battery posts. Ensure there is no corrosion on the battery posts or inside the clamps. Clean if necessary. Verify that the quick-release lever is fully engaged.

Problem: Clamp does not fit securely on the battery post.

Solution: Confirm you are using the correct clamp for the positive (larger) or negative (smaller) post. The positive taper hole size is approximately 17.5-19.1mm, and the negative is approximately 15.9-17.5mm. If the post is severely corroded or damaged, it may need professional attention.

Problem: Difficulty operating the quick-release lever.

Solution: Ensure the clamp is not overtightened. A small amount of lubricant on the pivot point of the lever may help if it feels stiff.

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Hyuduo Battery Terminal Clamp Connectors, please refer to the product packaging or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: Hyuduo

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