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› Stens 425-200 Battery Cable Terminal Instruction Manual

Stens 425-200

Stens 425-200 Battery Cable Terminal Instruction Manual

Model: 425-200 | Brand: Stens

PRODUCT OVERVIEW

The Stens 425-200 Battery Cable Terminal is a heavy-duty, corrosion-resistant component designed for reliable electrical connections. This terminal is specifically engineered for 6-gauge cables and features a 5/16-inch eyelet size, making it suitable for various automotive and outdoor power equipment applications. It serves as a direct replacement for E-Z-GO part number 50477-G1 and Taylor-Dunn part number 75-406-44.

Key Features

- Replaces E-Z-GO: 50477-G1 and Taylor-Dunn: 75-406-44
- Designed for 6-gauge cables with a 5/16-inch eyelet size
- Heavy-duty, corrosion-resistant construction for enhanced durability
- Supplied as a package of 2 terminals

Product Image



Image: Stens 425-200 Battery Cable Terminal, showcasing its design and construction.

SPECIFICATIONS

Attribute	Value
Color	Multi
Connector Type	Screw Terminal
Contact Material	Stainless Steel
Insulation Material	Non-Insulated
Terminal	Screw Terminal

Attribute	Value
Material	Eyelet
Brand	Stens
Specification Met	UL, RoHS (Possible)
Temperature Rating	257 degrees Fahrenheit
Maximum Voltage	12 Volts
Number of Items	1 (per package, contains 2 terminals)
Manufacturer	Stens
Product Dimensions	3 x 3 x 3 inches
Item Weight	0.352 ounces
Item Model Number	425-200

SETUP & INSTALLATION

General Guidelines

Before beginning any installation, ensure all power sources are disconnected to prevent electrical shock. Always wear appropriate safety gear, including eye protection and gloves. Refer to your equipment's specific wiring diagrams for proper connection points and torque specifications. This terminal is designed for 6-gauge wire; using an incorrect wire gauge may compromise performance and safety.

Step-by-Step Installation

- 1. Prepare the Cable:** Strip the insulation from the end of the battery cable to expose the bare wire. Ensure the stripped length matches the terminal's barrel depth for a full and secure insertion.
- 2. Insert the Cable:** Carefully insert the stripped cable into the barrel of the Stens 425-200 Battery Cable Terminal. Verify that all wire strands are fully seated within the terminal barrel.
- 3. Secure the Connection:** Crimp the terminal onto the cable using an appropriate crimping tool. For optimal conductivity and a secure mechanical connection, apply multiple crimps along the barrel.
- 4. Apply Heat Shrink (Optional):** If using heat shrink tubing for insulation and environmental protection, slide it over the crimped connection. Apply heat evenly with a heat gun until the tubing shrinks tightly around the terminal and cable, forming a secure seal.
- 5. Connect to Battery/Equipment:** Attach the eyelet of the terminal to the corresponding post on your battery or equipment. Secure it firmly with a nut and washer, ensuring a tight, corrosion-free connection.

Installation Demonstration Videos

Battery Terminal Connectors Cable AWG Lugs

Your browser does not support the video tag.

Video: This video demonstrates the features and application of various battery terminal connectors and cable lugs, including crimping and heat shrink application.

Taiss 110PCS Copper Wire Lugs

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Video: This video provides a visual guide on how to properly install copper wire lugs, including stripping wire, crimping, and using heat shrink tubing for insulation.

OPERATING INSTRUCTIONS

Once properly installed, the Stens 425-200 Battery Cable Terminal facilitates the electrical connection between your battery and equipment. The terminal itself does not require specific operational steps beyond ensuring a secure and clean connection. Its function is passive, providing a reliable conduit for electrical current.

MAINTENANCE

- **Regular Inspection:** Periodically inspect the terminal for any signs of corrosion, wear, or physical damage. Check for loose connections.
- **Cleaning:** If corrosion is present, disconnect the battery and clean the terminal and battery post thoroughly with a wire brush and a battery terminal cleaning solution. Rinse with water and dry completely before reconnecting.
- **Tightness Check:** Ensure the connection remains tight. Loose connections can lead to increased resistance, poor electrical contact, and heat buildup, potentially damaging the terminal or battery.
- **Heat Shrink Integrity:** If heat shrink tubing was used during installation, check for any cracks, tears, or signs of degradation. Replace damaged heat shrink to maintain insulation and protection from environmental elements.

TROUBLESHOOTING

Common Issues and Solutions

- **Poor Electrical Connection:**
 - **Symptom:** Intermittent power, dim lights, or difficulty starting equipment.
 - **Solution:** Check for corrosion on the terminal or battery post. Clean thoroughly. Ensure the terminal is securely crimped to the cable and tightly fastened to the battery post.
- **Overheating Terminal:**
 - **Symptom:** Terminal feels hot to the touch after operation.
 - **Solution:** This can indicate a loose connection or an undersized cable for the current draw. Verify the cable gauge is appropriate for your application (this terminal is for 6-gauge wire) and ensure all connections are tight. A loose connection creates resistance, leading to heat.

WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your Stens 425-200 Battery Cable Terminal, please contact Stens customer service directly. Details regarding product warranty, returns, and technical assistance can typically be found on the product packaging or the official Stens website. Always refer to the manufacturer's official resources for the most accurate and up-to-date support information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question