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Tissting 5x20mm 10A 250V

Mobility Scooter Fuse

Instruction Manual

Brand: Tissting

Introduction

This instruction manual provides essential information for the proper use, installation, and maintenance of your Tissting 5x20mm 10A 250V Mobility Scooter Fuses. These glass tube fuses are designed to protect electrical circuits from overcurrent, safeguarding your mobility scooter's components from potential damage due to overload or short circuit conditions.



Image: Two 5x20mm glass tube fuses, designed for mobility scooters, shown with a scooter in the background.

Product Overview and Features

The Tissting 5x20mm 10A 250V Mobility Scooter Fuses are critical components for electrical safety. Key features include:

- **Circuit Protection:** Primarily used to protect circuits from overload and short circuits, enhancing system efficiency.
- **High Quality Material:** Constructed with a glass tube and brass nickel-plated ends, ensuring good conductivity, high temperature resistance, and excellent insulation.
- **Transparent Design:** The clear tube body allows for easy visual inspection of the fuse element.
- **Easy Installation:** Designed without specific positive or negative poles, simplifying the replacement process.
- **Standard Dimensions:** Each fuse measures approximately 5 x 20mm (0.2 x 0.8 inches).
- **Electrical Ratings:** Rated for a maximum voltage of 250V and a maximum current of 10A.



Image: Detailed view of the fuses, showing the transparent glass tube and the nickel-plated copper caps.

Specifications

Attribute	Value
Item Type	Mobility Scooter Fuse
Size	Approx. 5 x 20mm / 0.2 x 0.8in
Maximum Voltage	250V
Maximum Current	10A
Material	Copper (Nickel-plated brass ends)
Mounting Type	Through-Hole Mount

Attribute	Value
Brand	Tissting

Installation Instructions

Replacing a fuse in a mobility scooter typically involves accessing the fuse holder. Always consult your mobility scooter's specific user manual for exact fuse location and replacement procedures. The following are general guidelines:

1. **Safety First:** Before attempting any electrical work, ensure the mobility scooter is turned off and disconnected from its power source (e.g., unplugged from charger, battery disconnected if accessible and safe to do so).
2. **Locate the Fuse Holder:** Refer to your scooter's manual to find the fuse holder. It may be located near the battery, control panel, or within a specific electrical compartment.
3. **Identify the Blown Fuse:** A blown fuse will typically have a broken filament inside the glass tube. The transparent design of these fuses makes this easy to observe.
4. **Remove the Old Fuse:** Carefully remove the blown fuse from its holder. Fuse pullers can be used for easier and safer removal if available.
5. **Insert the New Fuse:** Insert the new Tissting 5x20mm 10A 250V fuse into the fuse holder. Ensure it is seated firmly. These fuses do not have a specific polarity, so orientation does not matter.
6. **Test the System:** Reconnect the power source and turn on the mobility scooter to verify that the circuit is functioning correctly.



Image: Fuses shown in context with a mobility scooter, illustrating their application.

Operation

These fuses are passive safety devices. They operate by melting a metallic filament when the current flowing through them exceeds their rated capacity (10A) for a specific duration. This intentional breakage of the circuit prevents damage to more sensitive or expensive components in the event of an electrical fault, such as an overload or short circuit. Once a fuse blows, it must be replaced with a new fuse of the identical type and rating.

Maintenance

Fuses generally require minimal maintenance. Periodically, it is advisable to:

- **Visual Inspection:** If an electrical component on your mobility scooter stops working, visually inspect the relevant fuse. The transparent glass body allows you to easily check if the internal filament is intact or broken.
- **Cleanliness:** Ensure the fuse holder and surrounding area are free from dust, dirt, or corrosion, which could impede proper electrical contact.

Troubleshooting

If a fuse blows repeatedly, it indicates an underlying electrical issue that needs to be addressed. Do not simply replace a blown fuse with a higher-rated fuse, as this can lead to severe damage to your mobility scooter's electrical system or even fire.

Common Troubleshooting Steps:

- **Identify the Affected Circuit:** Determine which part of the scooter's electrical system is not functioning.
- **Check for Overload:** Ensure that no accessories or components are drawing excessive current.
- **Inspect Wiring:** Look for any frayed, pinched, or shorted wires.
- **Consult a Professional:** If the cause of repeated fuse blowing cannot be identified or resolved, it is highly recommended to seek assistance from a qualified mobility scooter technician.

Safety Information

Adhere to the following safety precautions when handling fuses or working with electrical systems:

- Always disconnect power before replacing fuses.
- Only replace a fuse with one of the exact same type, voltage, and current rating (5x20mm, 250V, 10A). Using an incorrect fuse can cause damage or fire.
- Do not bypass a fuse or use conductive materials to bridge a blown fuse.
- Keep fuses out of reach of children.
- If you are unsure about any electrical procedure, consult a qualified technician.

Warranty and Support

For any questions regarding your Tissting 5x20mm 10A 250V Mobility Scooter Fuses, or for technical support, please contact the manufacturer or your point of purchase. Refer to the product packaging or the seller's information for specific contact details. We are committed to providing high-quality products and satisfactory after-sales service.

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