Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Absolute USA ANL200-2

Absolute ANL200-2 200 Amp Gold Plated ANL Fuses User Manual

Model: ANL200-2 | Brand: Absolute USA

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Absolute ANL200-2 200 Amp Gold Plated ANL Fuses. These fuses are designed to provide critical overcurrent protection for various electrical systems, including automotive audio setups, solar battery backup systems, and other 12-volt applications. Please read this manual thoroughly before installation to ensure safe and effective use.

2. Safety Information

WARNING: Electrical work can be hazardous. Always follow these safety guidelines:

- Always disconnect the power source before installing or replacing fuses.
- Ensure the fuse rating matches the circuit's requirements. Using an incorrect fuse rating can lead to damage or fire.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and insulated gloves.
- Do not bypass or tamper with fuses.
- If you are unsure about any part of the installation process, consult a qualified electrician or automotive technician.

3. Product Overview

The Absolute ANL200-2 package includes two 200 Amp ANL fuses. These fuses feature gold-plated terminals for enhanced conductivity and corrosion resistance, ensuring reliable performance in demanding electrical environments.

Figure 1: Absolute ANL200-2 ANL Fuses in their retail packaging. The image displays two 200 Amp gold-plated ANL fuses, clearly labeled with their amperage rating, enclosed in a blister pack.

Figure 2: A pair of Absolute ANL200-2 200 Amp Gold Plated ANL Fuses. Each fuse features a black body with gold-plated spade terminals and a clear window to inspect the fuse element.

4. Setup and Installation

ANL fuses are typically used in high-current applications and require a compatible ANL fuse holder (sold separately).

4.1 Required Tools and Materials (Not Included):

- ANL Fuse Holder
- Appropriate gauge wiring for your application
- Wire strippers and crimpers
- Screwdriver or wrench (for fuse holder terminals)
- Safety glasses and insulated gloves

4.2 Installation Steps:

1. **Disconnect Power:** Before beginning any electrical work, ensure all power sources to the circuit are completely disconnected. This is a critical safety step.
2. **Prepare Wires:** Strip the insulation from the ends of the power cables that will connect to the fuse holder. Ensure

the stripped length is appropriate for the fuse holder's terminals.

3. **Install Fuse Holder:** Securely mount the ANL fuse holder in a dry, accessible location, close to the power source (e.g., battery) for primary protection.
4. **Connect Wires:** Insert one end of the positive power cable into one terminal of the ANL fuse holder and tighten the connection securely. Connect the other end of this cable to your power source (e.g., battery positive terminal). Connect the cable leading to your component (e.g., amplifier) to the other terminal of the fuse holder and tighten.
5. **Insert Fuse:** Carefully insert the Absolute ANL200-2 fuse into the fuse holder. Ensure it is seated correctly and makes firm contact with both terminals.
6. **Secure Fuse Holder:** Close and secure the fuse holder cover, if applicable.
7. **Reconnect Power:** Once all connections are secure and verified, reconnect the power source.

The fuse should be installed in the positive (+) line of the circuit it is protecting.

5. Operating Principles

The Absolute ANL200-2 fuse operates as a passive safety device. It contains a metallic element designed to melt and break the circuit when the current flowing through it exceeds 200 Amps for a specified duration. This action prevents excessive current from damaging connected components such as amplifiers, speakers, stereos, or other electrical equipment, and helps to prevent potential fire hazards.
Once a fuse blows, it must be replaced with a new fuse of the exact same amperage rating (200 Amps) and type (ANL).

6. Maintenance

ANL fuses require minimal maintenance. Periodically inspect the fuse and fuse holder for any signs of corrosion, loose connections, or physical damage. Ensure the fuse is securely seated in its holder. If any issues are observed, disconnect power and address them promptly.

7. Troubleshooting

7.1 Fuse Blows Repeatedly:

- **Cause:** An overcurrent condition exists in the circuit, or the connected component is drawing too much power. This could be due to a short circuit, a faulty component, or an overloaded system.
- **Solution:**

    a. Disconnect power to the circuit.
    b. Inspect all wiring for shorts, frayed insulation, or improper connections.
    c. Check the connected components for faults.
    d. Ensure the total current draw of your system does not exceed the fuse's 200 Amp rating.
    e. Replace the blown fuse with a new Absolute ANL200-2 fuse only after the underlying issue has been resolved.

7.2 No Power to Component:

- **Cause:** The fuse may have blown, or there is a loose connection.
- **Solution:**

    a. Disconnect power to the circuit.
    b. Visually inspect the fuse through its clear window. If the metallic element is broken, the fuse has blown.
    c. Check all connections in the fuse holder and to the component for tightness and proper contact.

d. If the fuse is blown, replace it with a new Absolute ANL200-2 fuse after identifying and correcting the cause of the overcurrent.

Always replace a blown fuse with one of the identical type and amperage rating. Never use a fuse with a higher rating or bypass a fuse, as this can lead to severe damage or fire.

8. Specifications

Feature	Specification
Model Number	ANL200-2
Amperage Rating	200 Amps
Voltage Rating	12 Volts
Material	Gold Plated (terminals)
Mounting Type	Through-Hole Mount (requires ANL fuse holder)
Product Dimensions (L x W x H)	7.5 x 0.5 x 3.5 inches (approximate, for individual fuse)
Item Weight	0.8 ounces (approximate, for individual fuse)

9. Warranty and Support

For warranty information or technical support regarding your Absolute ANL200-2 fuses, please contact Absolute USA directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.

© 2023 Absolute USA. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B005EUTLYW

More documents and user manuals: **https://manuals.plus/**