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C-FUNN 15AK

C-FUNN 15AK MIG Welding Gun Instruction Manual

Model: 15AK

Brand: C-FUNN

Product Overview

This manual provides essential information for the safe and effective use of your C-FUNN 15AK MIG Welding Gun. This product is designed as an electric cable replacement part for MIG welding tools, suitable for low-power welding applications.



Image showing a hand firmly gripping the ergonomic handle of the C-FUNN 15AK MIG welding gun, highlighting its compact design and comfortable grip. The nozzle is visible at the front.

Safety Information

Always prioritize safety when working with welding equipment. Failure to follow safety guidelines can result in serious injury or damage.

- Ensure proper ventilation in the work area to avoid inhaling fumes.
- Wear appropriate personal protective equipment (PPE), including a welding helmet with proper shade, welding gloves, and protective clothing.
- Disconnect power from the welding machine before performing any maintenance, installation, or part replacement.
- Professional assistance is recommended for installation and complex repairs to ensure correct and safe operation.
- Keep children and unauthorized personnel away from the welding area.

Package Contents

The package includes:

- 1 x MIG Welding Gun (15AK) with approximately 2-meter cable.



An overhead view of the C-FUNN 15AK MIG welding gun with its approximately 2-meter long cable coiled neatly. The gun's handle and nozzle are clearly visible, along with the various wires extending from the cable.

Product Features

- **Model:** 15AK MIG Welding Tool Gun
- **Color:** Black
- **Cable Length:** Approximately 2 meters
- **Material:** Constructed from strong and durable materials for longevity.
- **Installation:** Designed for easy installation, though professional assistance is recommended for optimal setup.
- **Design:** Ergonomic design ensures comfortable handling during prolonged use.
- **Portability:** Small, flexible, and easy to maneuver, enhancing user control.
- **Application:** Specifically suitable for low-power welding applications.

Setup

Follow these steps for initial setup of your C-FUNN 15AK MIG Welding Gun:

1. **Unpacking:** Carefully remove the welding gun and cable from its packaging. Inspect all components for any visible damage or defects.
2. **Connection:** Connect the welding gun's cable to your compatible MIG welding machine. Ensure all electrical and gas connections (if applicable) are secure and properly seated. Refer to your specific welding machine's manual for detailed connection points and procedures.
3. **Power:** Always ensure the welding machine is powered off and disconnected from the main power supply

before connecting or disconnecting the welding gun or performing any adjustments.



A detailed image illustrating the key dimensions of the C-FUNN 15AK MIG welding gun, including the 65mm length of the handle and the 52mm length of the nozzle section with a 13mm diameter. The image also indicates the "Lead Length: About 2m".

Operating Instructions

This welding gun is designed for efficient and reliable low-power MIG welding applications. Always operate within the specified parameters of your welding machine.

1. **Preparation:** Before starting, ensure your welding machine is correctly set up for the specific material thickness and type of wire you are welding. Adjust voltage and wire speed according to your welding machine's recommendations.
2. **Trigger Operation:** The welding gun features a responsive trigger mechanism. Press the trigger to initiate the welding arc and wire feed. Release the trigger to stop the arc and wire feed.
3. **Ergonomics:** The ergonomic design of the handle allows for comfortable and stable handling, reducing fatigue

during extended welding sessions. Maintain a firm grip for precise control.



A close-up view of the C-FUNN 15AK MIG welding gun's handle, showcasing the textured grip for improved handling and the trigger mechanism. The robust construction of the handle is evident.

Maintenance

Regular maintenance ensures optimal performance, extends the lifespan of your welding gun, and prevents potential hazards.

- **Nozzle Cleaning:** Periodically clean the welding nozzle to remove spatter buildup. Excessive spatter can impede gas flow and affect weld quality.
- **Contact Tip Replacement:** Replace the contact tip when it shows signs of wear, such as an enlarged bore or poor electrical conductivity. A worn tip can lead to erratic arc performance.
- **Cable Inspection:** Regularly inspect the entire length of the cable for any cuts, abrasions, kinks, or signs of damage to the insulation. Do not use the welding gun if the cable is damaged; replace it immediately.
- **Storage:** Store the welding gun in a clean, dry, and dust-free environment when not in use. Protect it from extreme temperatures and direct sunlight.

Troubleshooting

If you encounter issues with your C-FUNN 15AK MIG Welding Gun, refer to the table below for common problems and solutions. For complex issues, professional assistance is recommended.

Problem	Possible Cause	Solution
No Arc	Loose connection, no power to machine, worn contact tip, clogged nozzle	Check all cable connections, ensure welding machine is powered on, replace contact tip, clean nozzle
Irregular Wire Feed	Kinked cable, dirty liner, incorrect wire tension, wrong wire size	Straighten cable, clean or replace liner, adjust wire tension, ensure correct wire size for tip
Excessive Spatter	Incorrect voltage/wire speed settings, dirty nozzle, improper stick-out	Adjust welding parameters, clean nozzle, maintain correct stick-out distance

If the problem persists after attempting these solutions, it is advisable to seek professional assistance from a qualified technician.

Specifications

Key technical specifications for the C-FUNN 15AK MIG Welding Gun:

Feature	Detail
Product Name	MIG Welding Tool Gun
Model/Type	15AK
Color	Black
Cable Length	Approximately 2 meters
Material	Durable construction
Application	Low-power welding
ASIN	B07CXH853D
Brand	C-FUNN
First Available	May 8, 2018

Warranty and Support

For specific warranty information regarding your C-FUNN 15AK MIG Welding Gun, please refer to the

documentation provided at the time of purchase or contact your retailer. Keep your purchase receipt as proof of purchase.

For technical support, inquiries about replacement parts, or assistance with troubleshooting beyond the scope of this manual, please contact the manufacturer, C-FUNN, or your authorized dealer.

Manufacturer: C-FUNN

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