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› BAHCO BHCR L 02 Crimping Pliers Instruction Manual

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Model: BHCR L 02 | Brand: Bahco

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your BAHCO BHCR L 02 Crimping Pliers. Please read this manual thoroughly before operating the tool and retain it for future reference. This tool is designed for crimping insulated and non-insulated terminals within the specified range of 6 to 50 mm².



Figure 1: The BAHCO BHCR L 02 Crimping Pliers. This image shows the full tool, featuring long black handles with ergonomic grips, a silver-colored metal body, and the crimping jaws at the head. The brand "BAHCO" and model "CR L 02" are visible on the tool's body, indicating its identity and specifications.

2. SAFETY INSTRUCTIONS

Always follow these safety guidelines to prevent injury and damage to the tool:

- Wear appropriate personal protective equipment (PPE), such as safety glasses, when operating the tool.

- Ensure the workpiece is stable and secure before crimping.
- Do not use the tool for purposes other than its intended use (crimping electrical terminals).
- Inspect the tool for any damage or wear before each use. Do not use a damaged tool.
- Keep hands and fingers clear of the crimping jaws during operation.
- Store the tool in a dry, secure place, out of reach of children.
- Avoid applying excessive force beyond what is necessary for a proper crimp.

3. SETUP

The BAHCO BHCR L 02 Crimping Pliers are ready for use out of the box. No assembly is required. Before first use, perform the following checks:

1. **Visual Inspection:** Examine the tool for any signs of shipping damage, loose parts, or corrosion.
2. **Jaw Alignment:** Ensure the crimping jaws close evenly and without obstruction.
3. **Handle Movement:** Confirm that the handles open and close smoothly.

4. OPERATING INSTRUCTIONS

Follow these steps for effective crimping:

1. **Select the Correct Die:** Identify the appropriate crimping die size on the tool that matches the terminal and wire gauge you are using. The tool is designed for 6-50 mm² terminals.
2. **Prepare the Wire:** Strip the insulation from the end of the wire to the correct length, ensuring no stray strands.
3. **Insert Terminal and Wire:** Place the terminal into the selected crimping die. Insert the stripped wire fully into the terminal barrel.
4. **Position for Crimping:** Position the terminal and wire firmly within the crimping jaws. Ensure the terminal is centered and the wire insulation is just outside the crimp area.
5. **Crimp:** Squeeze the handles together firmly and completely until the crimping cycle is finished. The tool's design ensures a consistent crimp.
6. **Inspect the Crimp:** After crimping, visually inspect the connection. It should be tight and secure, with no exposed wire strands or loose insulation. Gently tug on the wire to confirm the crimp's integrity.

Note: Always refer to the terminal manufacturer's specifications for recommended wire stripping lengths and crimping procedures.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your crimping pliers:

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove any dirt, dust, or debris.
- **Lubrication:** Periodically apply a light machine oil to the pivot points and moving parts to ensure smooth operation. Avoid over-lubricating.
- **Storage:** Store the tool in a dry environment to prevent rust and corrosion. Keep the jaws closed to protect the crimping surfaces.
- **Inspection:** Regularly check for wear on the crimping dies. If significant wear is observed, the tool's crimping performance may be affected.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Poor crimp quality (loose or deformed)	Incorrect die size selected; insufficient force applied; worn dies; incorrect wire stripping length.	Ensure correct die for terminal/wire; apply full force until cycle completes; inspect/replace tool if dies are worn; verify wire strip length.
Handles stiff or difficult to close	Lack of lubrication; dirt/debris in pivot points.	Clean and lubricate pivot points with light machine oil.
Tool does not fully open after crimp	Mechanism obstruction; spring issue.	Inspect for debris; lubricate moving parts. If problem persists, contact customer support.

7. SPECIFICATIONS

Model Number	BHCR L 02
Brand	Bahco
Part Number	BHCR L 02
Item Weight	3.59 pounds
Product Dimensions	15.55 x 5.71 x 1.77 inches
Material	Alloy Steel
Usage	Crimping (Insulated 6 - 50 mm ²)
Color	Cobre (Copper-like finish on some parts, though the main body is silver)
Included Components	Components included (as per manufacturer)

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Bahco website or contact your authorized Bahco dealer. Keep your purchase receipt as proof of purchase.

For general inquiries, you may visit the [Bahco Store on Amazon](#).

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