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› Preciva CP84150 Ferrule Crimping Tool Kit User Manual

Preciva CP84150

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Model: CP84150

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your Preciva CP84150 Ferrule Crimping Tool Kit. Please read this manual thoroughly before operating the tool to ensure proper function and longevity.

KIT CONTENTS

Your Preciva CP84150 Ferrule Crimping Tool Kit includes the following items:

- 1 x Hexagonal Ratcheting Ferrule Crimping Tool (AWG 28-5)
- 1500 x Insulated Wire Ferrule Connectors (various sizes)
- 1 x Double-layer Portable Storage Case



Image: The complete Preciva Ferrule Crimping Tool Kit, showcasing the crimping tool, various ferrule connectors, and the storage case.

Effective Organization

2
layers



Upgraded Organizer Suitcase



First layer



Second layer



Box structure

Image: The double-layer portable storage case, designed for organized storage of the crimping tool and ferrule connectors.

SETUP

Before first use, ensure all components are present and undamaged. The crimping tool is pre-calibrated for optimal performance. No assembly is required for the tool itself.

Organizing Ferrules

The included 1500 ferrule connectors are sorted by size and color within the double-layer storage case. Familiarize yourself with the different sizes and their corresponding AWG/mm² ratings to select the correct ferrule for your wire.

1500
P C S

Extensive Terminal Set

Includes 9 of the most common terminal types



Image: A detailed view of the 1500 ferrule connectors, showing various sizes and quantities included in the kit.

OPERATING INSTRUCTIONS

The Preciva CP84150 crimping tool is designed for hexagonal precision crimping of insulated wire ferrules from AWG 28 to AWG 5 (0.08-16mm²).

Crimping Process (3 Steps)

1. Step 1: Prepare the Wire and Ferrule

Strip the insulation from the end of your wire to the appropriate length, ensuring the bare wire fits fully into the metal tube of the ferrule. Insert the stripped wire core into the selected ferrule terminal.

2. Step 2: Position and Crimp

Open the crimping tool jaws and insert the ferrule with the wire into the appropriate crimping slot. Ensure the ferrule is seated correctly. Squeeze the handles firmly until the ratchet mechanism releases, indicating a complete crimp.

3. Step 3: Verify Crimp

Release the handles and remove the crimped wire. Inspect the crimp for a secure, hexagonal shape. The crimp should be tight and hold the wire firmly without slippage.

3 Steps Of Crimping



Image: Visual representation of the three-step crimping process: inserting wire, crimping, and completed crimp.



Image: Close-up of the crimping tool demonstrating a hexagonal crimp on a wire ferrule.

Pressure Adjustment

The crimping tool features an adjustable ratchet mechanism. If the crimping action feels too heavy or too light, you can adjust the pressure using the '+' or '-' dial on the tool. This allows for precise crimping across the entire AWG 28-5 range.

Ergonomic Design

The tool incorporates a bow-shaped handle and a flexible shaft design to reduce hand pressure during operation, making crimping more efficient and less fatiguing.

True Structural Optimization Reduces Pressure

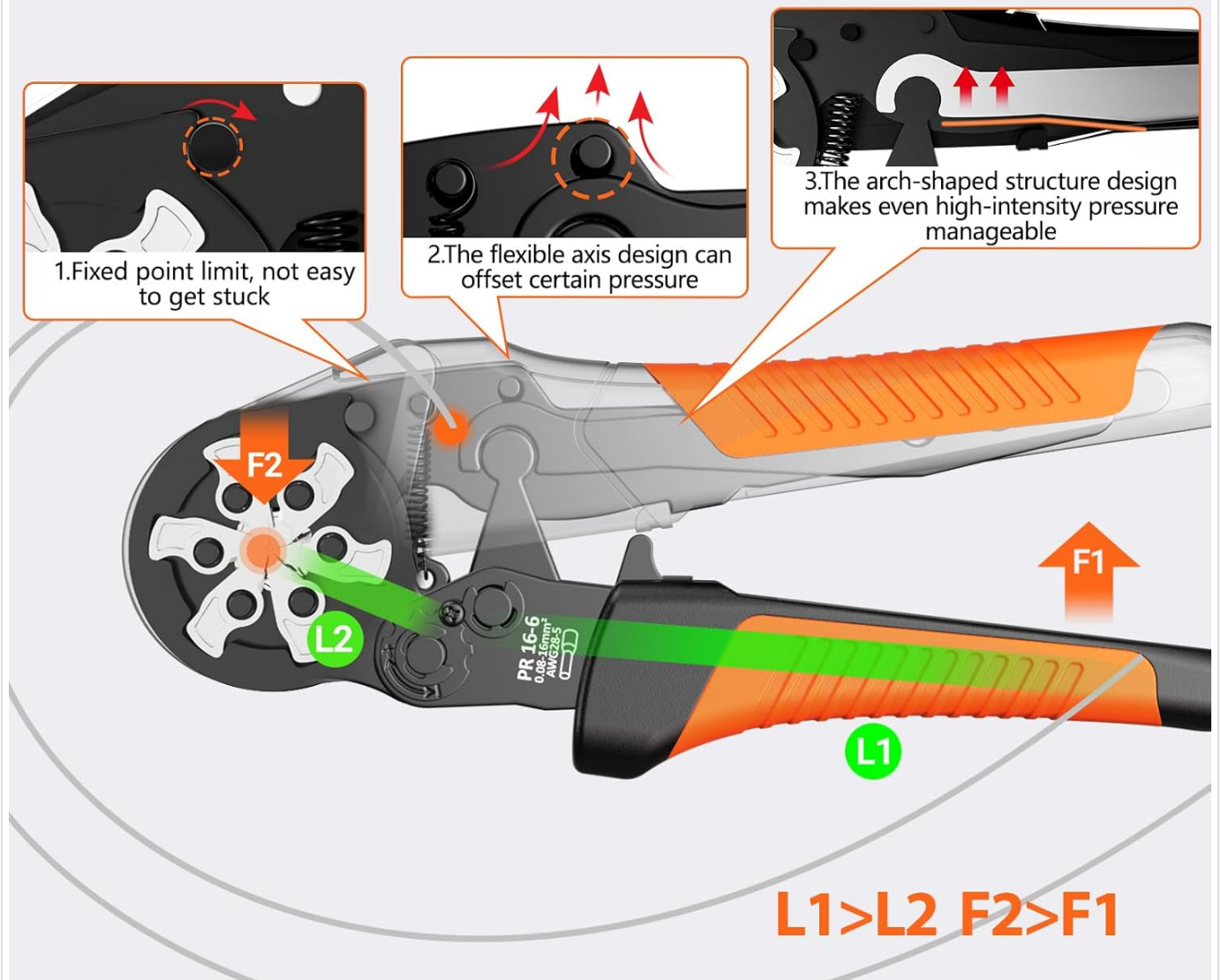


Image: Diagram illustrating the structural optimization of the crimping tool, highlighting the fixed point limit and flexible axis design for reduced pressure.

Exclusive Handle

Ergonomic And Labor-Saving



Easy to grasp
and power



Makes crimping
easier



Fully anti-fall
and more
durable



Textured to
enhance friction

Image: Close-up of the tool's ergonomic handle, emphasizing its comfortable grip and textured surface for enhanced friction.

MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your crimping tool.

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove any dust, dirt, or debris. Avoid using harsh chemicals or solvents.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot points and moving parts of the tool to ensure smooth operation.
- **Storage:** Store the crimping tool and ferrules in the provided portable storage case in a dry environment to protect them from moisture and damage.

TROUBLESHOOTING

- **Crimping feels too heavy or too light:** Adjust the pressure setting on the ratchet mechanism using the '+' or '-' dial

until the desired crimping force is achieved.

- **Tool jaws get stuck:** The tool is designed with limit points to prevent the jaws from closing excessively and getting stuck. If this occurs, ensure no foreign objects are obstructing the jaws and check for proper alignment.
- **Poor crimp quality:** Ensure you are using the correct size ferrule for your wire gauge. Verify that the wire is stripped to the correct length and fully inserted into the ferrule before crimping.

SPECIFICATIONS

Feature	Detail
Model Number	CP84150
Crimping Range	AWG 28-5 (0.08-16mm²)
Crimping Type	Hexagonal
Tool Material	Alloy Steel
Handle Material	Alloy Steel
Grip Type	Ergonomic
Item Weight	2.31 pounds
Package Dimensions	10.59 x 8.46 x 2.32 inches
Included Components	Ferrule Crimping Tool, 1500PCS Wire Connectors

Ferrule Connector Quantities

Model	Size (mm²)	AWG	Quantity
E0508	0.5mm²	22AWG	200 pcs
E7508	0.75mm²	20AWG	200 pcs
E1008	1.0mm²	18AWG	200 pcs
E1508	1.5mm²	16AWG	250 pcs
E2508	2.5mm²	14AWG	250 pcs
E4009	4.0mm²	12AWG	160 pcs
E6012	6.0mm²	10AWG	150 pcs
E10-12	10.0mm²	7AWG	50 pcs
E16-12	16.0mm²	5AWG	40 pcs

WARRANTY AND SUPPORT

Specific warranty information for the Preciva CP84150 Ferrule Crimping Tool Kit is not provided in this manual. For details regarding warranty coverage, technical support, or replacement parts, please refer to the product packaging or contact Preciva customer service directly through their official website or the retailer where the product was purchased.

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