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Generic 7-in-1 Multi-Function Wire Stripping Pliers User Manual

Model: d03d6fc7-a65c-4b8d-9937-4e3a0ce7e445

Brand: Generic

INTRODUCTION

Thank you for choosing the Generic 7-in-1 Multi-Function Wire Stripping Pliers. This versatile tool is designed for various electrical tasks, including stripping, cutting, crimping, winding, and splitting wires. Constructed from durable stainless steel, it offers precision and reliability for both professional and DIY applications. Please read this manual thoroughly before use to ensure safe and effective operation.

SAFETY INFORMATION

Always prioritize safety when working with electrical tools. Failure to follow these safety guidelines may result in injury or damage to the tool or property.

- Always wear appropriate personal protective equipment (PPE), such as safety glasses, when using this tool.
- Ensure the power supply to the circuit is disconnected before working on electrical wires.
- Do not use the tool on live electrical circuits unless specifically designed and rated for such use, and only if you are a qualified professional. This tool is not explicitly rated for live circuit work.
- Keep hands and fingers clear of the cutting and stripping jaws during operation.
- Inspect the tool for any damage before each use. Do not use a damaged tool.
- Store the tool in a dry, safe place, out of reach of children.
- Use the correct tool for the job. Do not force the tool or use it for purposes for which it was not intended.

PRODUCT OVERVIEW

The 7-in-1 Multi-Function Wire Stripping Pliers combine several essential functions into one compact tool. Key features include:

- Multi-functional Design:** Integrates cutting, stripping, slicing cables, dividing wires, winding, opening, and pulling cables.
- High-quality Materials:** Made of 3Cr13 stainless steel with a plier head hardness of HRC55±2°, ensuring durability and corrosion resistance.
- Precision Craftsmanship:** Heat-treated for sharp, easy-to-use edges.

- **Comfortable Grip:** Ergonomically designed handle with a green coating for comfortable handling.



Figure 1: Overview of the 7-in-1 Multi-Function Wire Stripping Pliers. The image shows two pliers with grey and green handles, along with a close-up of a hand holding one of the pliers, all against a background of electrical wiring.

SPECIFICATIONS

Feature	Specification
Material	3Cr13 Stainless Steel
Plier Head Hardness	HRC55±2°
Stripping Capacity	1.0, 1.5, 2.0, 2.5, 4.0 mm ² (AWG18-10/6)
Cutting Capacity	Up to 25 mm ²
Overall Length	207mm (8.15 inches)
Handle Width	80mm (3.15 inches)

Feature	Specification
Jaw Width	20mm (0.79 inches)

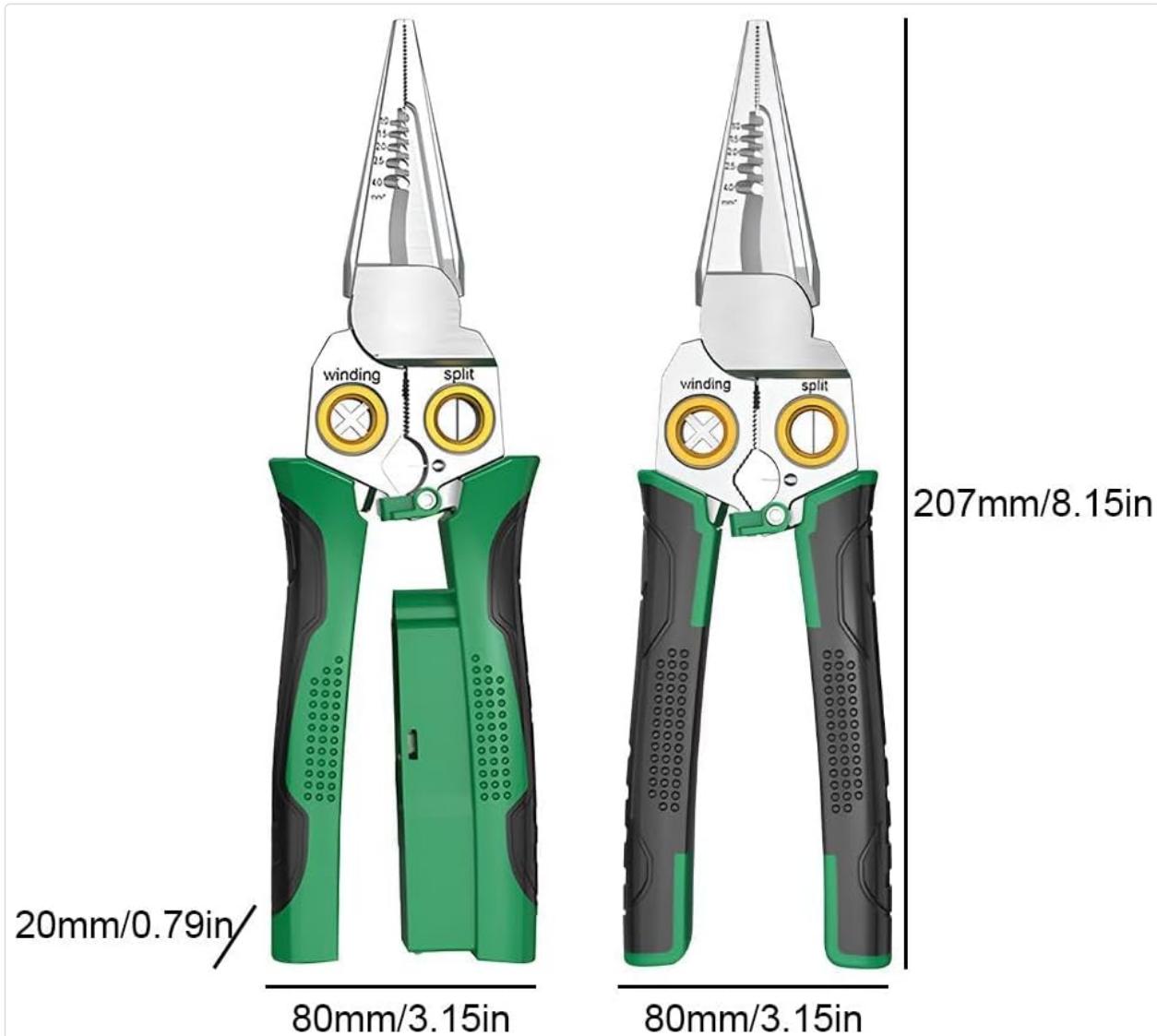


Figure 2: Detailed dimensions of the 7-in-1 Multi-Function Wire Stripping Pliers. The image shows two pliers with green and black handles, indicating measurements for length (207mm/8.15in), handle width (80mm/3.15in), and jaw width (20mm/0.79in).

SETUP

The Generic 7-in-1 Multi-Function Wire Stripping Pliers are ready for use directly out of the package. No assembly or complex setup is required. Before first use, inspect the tool for any manufacturing defects or shipping damage.

- 1. Unpack:** Carefully remove the pliers from their packaging.
- 2. Inspect:** Check the jaws, pivot point, and handles for any signs of damage, looseness, or obstruction.
- 3. Clean (Optional):** Wipe down the tool with a clean, dry cloth to remove any dust or manufacturing residue.

OPERATING INSTRUCTIONS

This section details the various functions of your multi-function pliers. Always ensure the wire is de-energized

before performing any operations.

1. Wire Stripping

1. Identify the correct stripping hole on the pliers that matches the gauge (mm^2) of the wire you intend to strip. The pliers have marked sizes (1.0, 1.5, 2.0, 2.5, 4.0 mm^2).
2. Insert the wire into the corresponding stripping hole, ensuring only the insulation is within the jaws to be stripped, and the conductor extends beyond the desired stripping length.
3. Firmly close the handles of the pliers, applying enough pressure to cut through the insulation without damaging the conductor.
4. While maintaining pressure, pull the pliers away from the wire to remove the stripped insulation.

2. Wire Cutting

1. Locate the cutting edge near the pivot point of the pliers.
2. Position the wire to be cut within the cutting jaws.
3. Apply firm, steady pressure to the handles to cut through the wire.

3. Wire Crimping

The pliers feature crimping sections for securing terminals to wires.

1. Strip the wire to the appropriate length for your terminal.
2. Insert the stripped wire into the terminal.
3. Place the terminal (with wire) into the designated crimping area on the pliers.
4. Squeeze the handles firmly until the terminal is securely crimped onto the wire.

4. Wire Winding/Looping

The pliers include a 'Winding' feature for creating loops in wires.

1. Strip the end of the wire to expose the conductor.
2. Insert the exposed conductor into the 'Winding' hole on the pliers.
3. Rotate the pliers or the wire to form a clean loop.

5. Wire Splitting

The 'Split' feature allows for separating multi-conductor cables.

1. Carefully position the cable into the 'Split' notch on the pliers.
2. Apply gentle pressure and pull the cable through the notch to separate the outer jacket or individual conductors.

Multifunctional 8 in 1 stainless steel wire stripper

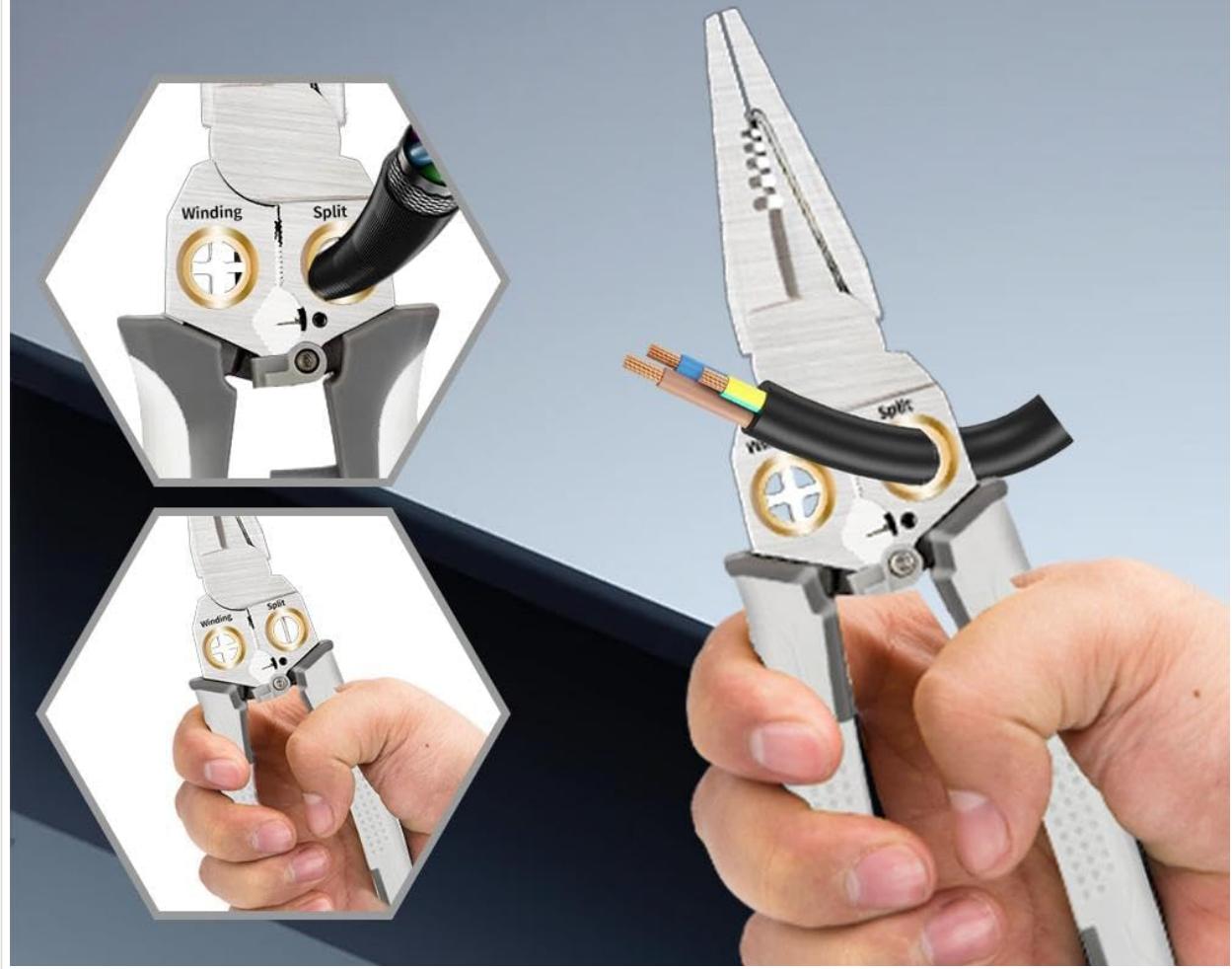


Figure 3: The pliers are shown performing wire stripping and splitting operations. The image highlights the 'Winding' and 'Split' functions, demonstrating how the tool can be used to prepare wires.

Video 1: This video demonstrates the various functions of the 7-in-1 Multi-Function Wire Stripping Pliers, including stripping, cutting, crimping, and winding wires. It provides a visual guide to using the tool for common electrical tasks.

MAINTENANCE

Proper maintenance will extend the life of your pliers and ensure optimal performance.

- **Cleaning:** After each use, wipe the pliers clean with a dry cloth to remove any dust, dirt, or wire fragments. For stubborn grime, a slightly damp cloth can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot point to ensure smooth operation.
- **Storage:** Store the pliers in a dry environment to prevent rust. Keep them away from corrosive materials.
- **Inspection:** Regularly check the jaws for wear or damage. If the cutting or stripping edges become dull or chipped, consider professional sharpening or replacement if performance is significantly affected.

TROUBLESHOOTING

If you encounter issues with your pliers, refer to the following common problems and solutions:

- **Problem:** Pliers feel stiff or difficult to open/close.
Solution: Apply a small amount of light machine oil to the pivot point and work the handles to distribute the lubricant.
- **Problem:** Wire insulation is not fully stripped, or conductor is damaged during stripping.
Solution: Ensure you are using the correct stripping hole for the wire gauge. Adjust pressure; too little pressure won't cut insulation, too much can damage the conductor.
- **Problem:** Wires are not cutting cleanly.
Solution: Check the cutting edges for dullness or damage. If dull, consider sharpening or replacement. Ensure the wire is positioned correctly in the cutting jaws.
- **Problem:** Crimps are loose or inconsistent.
Solution: Verify the wire is stripped to the correct length and fully inserted into the terminal. Ensure the terminal is placed in the appropriate crimping section of the pliers and sufficient pressure is applied.

WARRANTY AND SUPPORT

This product is manufactured to high-quality standards. For any questions, concerns, or support needs regarding your Generic 7-in-1 Multi-Function Wire Stripping Pliers, please refer to the retailer's return policy or contact the seller directly through the platform where the purchase was made. Specific warranty details may vary by retailer or region.

Please retain your proof of purchase for any warranty claims or support inquiries.