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> DELIXI Multi-function Wire Stripping Needle Nose Pliers Instruction Manual

DELIXI 29ffbfae-9ea9-4f8b-9b9b-1f0baedd7c16

DELIXI Multi-function Wire Stripping Needle Nose Pliers

Model: 29ffbfae-9ea9-4f8b-9b9b-1f0baedd7c16

INTRODUCTION

Thank you for choosing the DELIXI Multi-function Wire Stripping Needle Nose Pliers. This tool is designed for versatility and efficiency, combining five essential functions into one durable device: wire cutting, wire separation, wire winding, wire stripping, and terminal crimping. Crafted from high-quality chrome vanadium steel, these pliers offer exceptional strength, sharpness, and a long service life. The ergonomic handle ensures comfortable and fatigue-free operation for various tasks, from electrical work to general repairs.





Image: DELIXI Multi-function Wire Stripping Needle Nose Pliers, showing the main tool design.

SAFETY INFORMATION

Always prioritize safety when using hand tools. Please read and understand the following safety guidelines before operating the pliers:

- Wear appropriate personal protective equipment, such as safety glasses, to protect against flying debris.
- Ensure the work area is well-lit and free from obstructions.
- Do not use the pliers on live electrical circuits unless specifically rated for insulated electrical work. These pliers are not insulated for high voltage.
- Inspect the tool for any damage before each use. Do not use if the handles are cracked or the jaws

are misaligned.

- Keep fingers clear of the cutting and crimping areas to prevent injury.
- Store the tool in a dry, secure place, out of reach of children.

PRODUCT OVERVIEW

The DELIXI Multi-function Pliers integrate several features for comprehensive wire work:

- **Needle Nose Tip:** For gripping, bending, and manipulating small wires or components in tight spaces.
- **Cutting Blades:** Sharp edges designed for clean cuts through various wire types.
- **Wire Stripping Holes:** Multiple calibrated holes for stripping insulation from wires of different gauges (AWG and MM² markings).
- **Crimping Function:** Integrated crimper for securing terminals.
- **Comfortable Grip:** Bi-material handle with a non-slip black area for enhanced comfort and control.

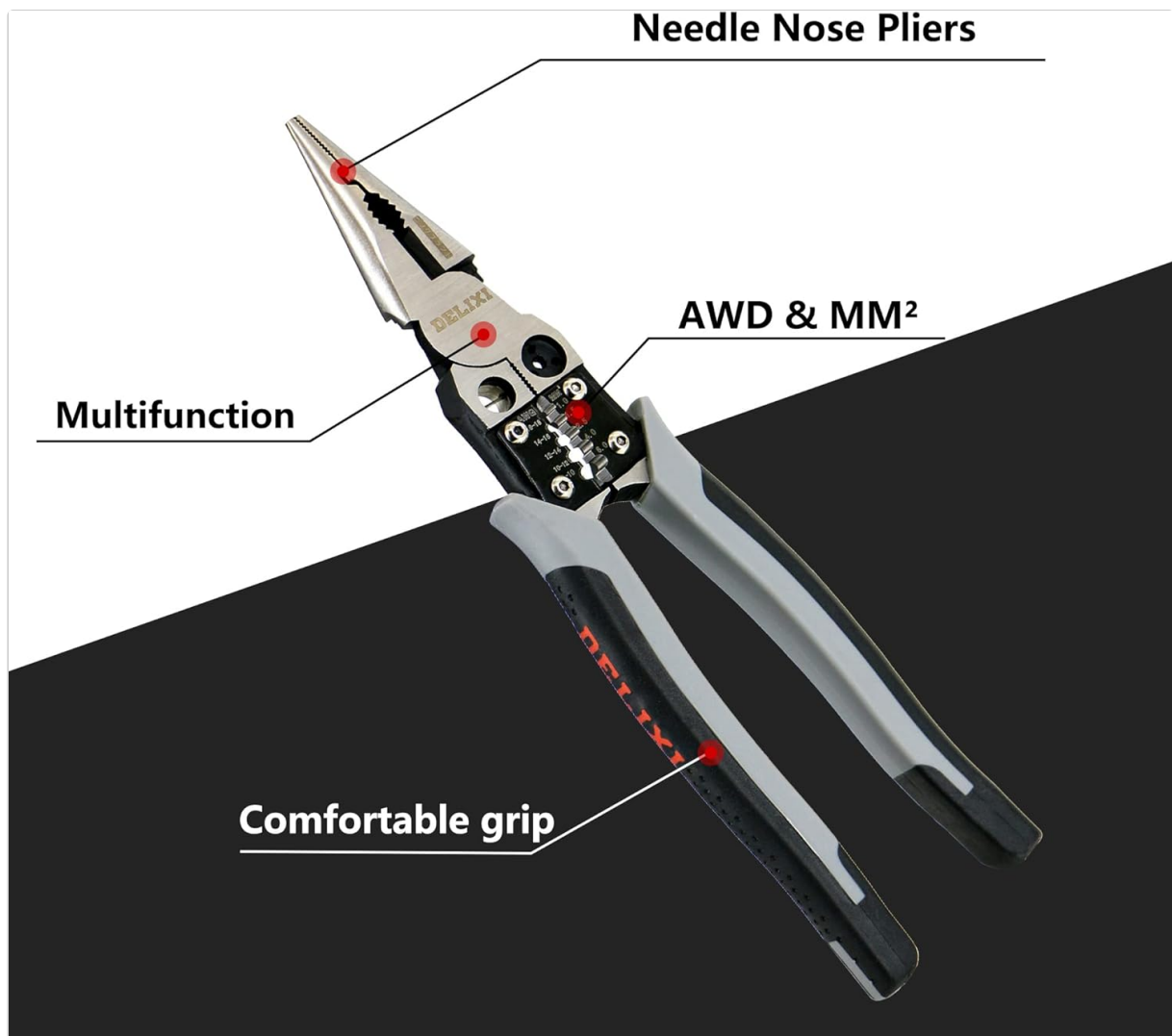


Image: Overview of the pliers highlighting the needle nose, multifunctionality, and comfortable grip with AWG and MM² markings.

SETUP

The DELIXI Multi-function Pliers require no assembly or complex setup. Before first use, and periodically thereafter, perform a visual inspection:

- Check for any signs of damage, such as cracks in the handle or bent jaws.
- Ensure the pivot point moves smoothly without excessive stiffness or looseness. A small amount of lubricant can be applied to the pivot if needed.
- Verify that the cutting blades align properly and are free from nicks or dull spots.

OPERATING INSTRUCTIONS

1. Wire Cutting

Position the wire between the cutting blades. Apply firm, steady pressure to the handles to cut through the wire. Ensure the wire is fully seated in the cutting area for a clean cut.

2. Wire Stripping

Identify the correct stripping hole size for your wire's gauge (AWG or MM²). Insert the wire into the corresponding hole, ensuring only the insulation is within the stripping section. Close the handles firmly to cut the insulation, then pull the pliers away from the wire to remove the stripped insulation.



Image: The pliers demonstrating the wire stripping function on an electrical wire.

3. Wire Bending and Manipulation

Use the fine needle nose tip to grip, bend, or loop wires. The tapered design allows access to confined

spaces and precise manipulation of small components.

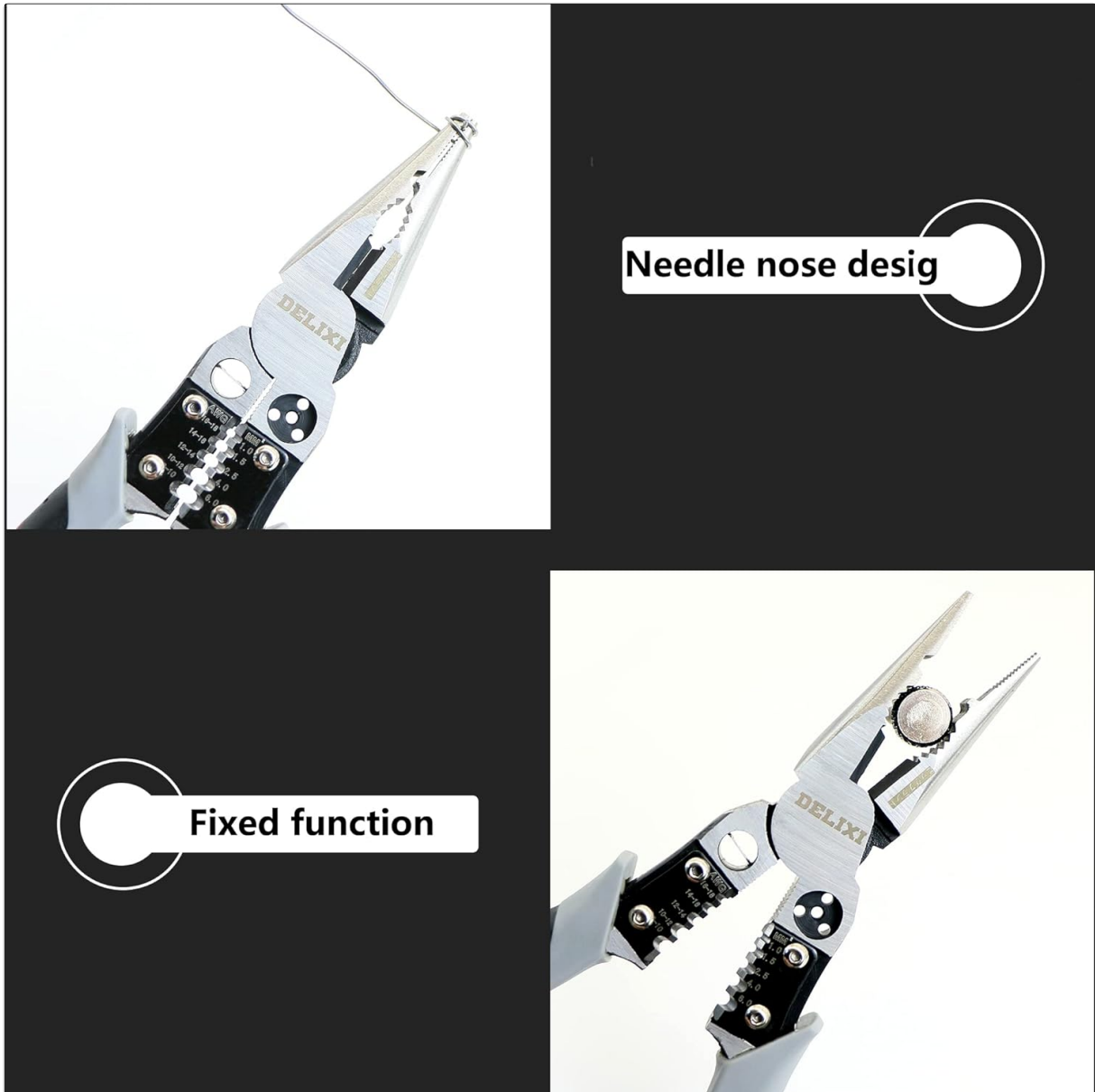


Image: A close-up view of the needle nose tip bending a wire, highlighting its precision.

4. Crimping

Place the terminal into the designated crimping area on the pliers. Insert the stripped wire into the terminal. Squeeze the handles together firmly until the terminal is securely crimped onto the wire.



Image: A composite image illustrating the cutting, stripping, and crimping capabilities of the pliers.

MAINTENANCE

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

- **Cleaning:** After each use, wipe the pliers clean with a dry cloth to remove dirt, dust, and debris. For stubborn grime, use a mild cleaner and ensure the tool is thoroughly dried afterward.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot point to maintain smooth operation and prevent rust.
- **Storage:** Store the pliers in a dry environment to prevent corrosion. Avoid storing them in damp or humid conditions.
- **Blade Care:** While the blades are designed for durability, avoid using them on materials harder than intended (e.g., hardened steel screws) to prevent dulling or chipping.

TROUBLESHOOTING

If you encounter issues with your pliers, consider the following:

- **Stiff Pivot:** If the pliers are difficult to open or close, apply a few drops of light machine oil to the pivot

and work the handles back and forth to distribute the lubricant.

- **Dull Cutting Blades:** Over time, cutting blades may dull. For minor dullness, a fine sharpening stone can be used carefully. For significant dullness or damage, consider replacement if available, or professional sharpening.
- **Ineffective Stripping:** Ensure you are using the correct stripping hole size for the wire gauge. If the insulation is not cutting cleanly, the blades may be dull or the wire may be positioned incorrectly.

SPECIFICATIONS

Feature	Specification
Brand	DELIXI
Model Number	29ffbfae-9ea9-4f8b-9b9b-1f0baedd7c16
Overall Length	22.86 cm (9 inches)
Width	5 cm (2.2 inches)
Item Weight	330 grams
Material	Chrome Vanadium Alloy Steel
Handle Material	Alloy Steel with Bi-material Grip
Color	Black
Specific Uses	Cutting, Stripping, Crimping, Bending
Batteries Required	No



Image: The pliers shown with their key dimensions (9 inches length, 2.2 inches width).

WARRANTY AND SUPPORT

For any inquiries regarding your DELIXI Multi-function Wire Stripping Needle Nose Pliers, please refer to your purchase documentation or contact the retailer. If you have product-specific questions or require technical assistance, please reach out to DELIXI customer support through their official channels. Keep your proof of purchase for warranty claims, if applicable.