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Acouto Acouton5cu107bky-12

Acouto Wire Twisting Tool Instruction Manual

Model: Acouton5cu107bky-12

1. Introduction

The Acouto Wire Twisting Tool is designed to simplify and expedite the process of twisting electrical wires for secure connections. This tool is compatible with most drills featuring a 1/4-inch chuck, making it an essential accessory for electricians and DIY enthusiasts. It helps to create consistent and reliable wire twists, reducing manual effort and improving work efficiency.



Figure 1: Overview of the Acouto Wire Twisting Tool.

2. Safety Information

Please read and understand all safety instructions before using this tool. Failure to follow these instructions may result in

electric shock, fire, or serious injury.

- Always wear appropriate personal protective equipment, including safety glasses and gloves, when working with electrical wires and power tools.
- Ensure the power drill is unplugged or its battery is removed before attaching or detaching the wire twisting tool.
- Do not use the tool with damaged wires or in wet conditions.
- Keep hands and loose clothing away from rotating parts of the drill and tool during operation.
- Use the tool only for its intended purpose: twisting electrical wires.
- Store the tool in a dry, secure place, out of reach of children.

3. Package Contents

Verify that all items are present in your package:

- 1 x Acouto Wire Twisting Tool (Model: Acouton5cu107bky-12)

4. Setup

Follow these steps to prepare your Acouto Wire Twisting Tool for use:

1. **Ensure Safety:** Disconnect your drill from its power source or remove the battery pack.
2. **Open Drill Chuck:** Open the chuck of your drill wide enough to insert the hex shank of the wire twisting tool.
3. **Insert Tool:** Insert the 1/4-inch hex shank of the Acouto Wire Twisting Tool into the drill chuck.
4. **Tighten Chuck:** Securely tighten the drill chuck around the hex shank to prevent slippage during operation. Ensure the tool is firmly seated.



Figure 2: The 1/4-inch hex shank of the tool ready for insertion into a drill chuck.

5. Operating Instructions

Once the tool is securely attached to your drill, you can begin twisting wires:

1. **Prepare Wires:** Strip the insulation from the ends of the wires you intend to twist, ensuring an appropriate length of exposed conductor.
2. **Insert Wires:** Gather the stripped ends of the wires and insert them into the opening of the wire twisting tool. Ensure all wires are seated properly within the tool's internal splines.
3. **Activate Drill:** With a firm grip on the drill and the wires, slowly activate the drill at a low speed. The tool will begin to twist the wires together.
4. **Monitor Twisting:** Observe the wires as they twist. Continue until the desired tightness and number of twists are achieved. Avoid over-twisting, which can damage the wires.
5. **Release Wires:** Once twisting is complete, release the drill trigger and carefully remove the twisted wires from the tool.

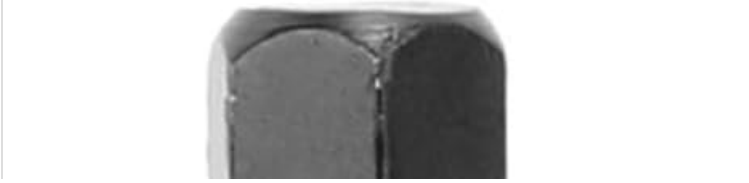




Figure 3: The internal splines of the tool designed to grip and twist wires.

6. Maintenance

Proper maintenance ensures the longevity and performance of your Acouto Wire Twisting Tool:

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove any dust or debris. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the tool for any signs of wear, cracks, or damage. If damage is found, discontinue use and replace the tool.
- **Storage:** Store the tool in a dry environment, away from direct sunlight and extreme temperatures.

7. Troubleshooting

If you encounter issues while using the Acouto Wire Twisting Tool, refer to the following common problems and solutions:

- **Tool slips in drill chuck:** Ensure the drill chuck is tightened securely around the tool's hex shank. The shank should be fully inserted.
- **Wires are not twisting properly:** Verify that the wires are fully inserted into the tool's opening and are not bent or damaged. Ensure the drill is rotating in the correct direction (typically forward).
- **Wires get stuck in the tool:** Do not over-twist. If wires become stuck, carefully reverse the drill direction at a very low speed to release them, or manually pull them out.

8. Specifications

Feature	Specification
Item Type	Wire Twisting Tool
Model Number	Acouton5cu107bky-12
Material	ABS, CRV Steel
Chuck Compatibility	1/4 inch Hex Shank
Item Weight	0.917 ounces (approx. 26 grams)
Package Dimensions	3.94 x 3.94 x 1.18 inches
Power Source	AC/DC (via drill)

9. Warranty and Support

For warranty information or technical support regarding your Acouto Wire Twisting Tool, please refer to the retailer where the product was purchased or visit the official Acouto website. Keep your purchase receipt as proof of purchase.

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