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STANLEY FMHT0-96230

STANLEY FMHT0-96230 Automatic Wire Stripper Instruction Manual

Model: FMHT0-96230

1. Introduction

Thank you for choosing the STANLEY FMHT0-96230 Automatic Wire Stripper. This tool is designed for efficient and precise stripping of wire insulation and crimping of terminals. It is suitable for various electrical tasks, offering reliability and ease of use for both professional and DIY applications.

This manual provides essential information on the safe and effective operation, maintenance, and troubleshooting of your wire stripper. Please read it thoroughly before first use and keep it for future reference.

2. Safety Information

Always observe basic safety precautions when using any hand tool to reduce the risk of personal injury. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Eye Protection:** Always wear approved safety glasses or goggles when operating this tool.
- **Power Disconnection:** Ensure that the power supply to the wire or cable being worked on is disconnected and locked out before beginning any work.
- **Tool Inspection:** Before each use, inspect the tool for any signs of damage, wear, or loose parts. Do not use a damaged tool.
- **Proper Use:** Use the tool only for its intended purpose: stripping wire insulation and crimping terminals. Do not use it as a hammer, pry bar, or for cutting hardened materials.
- **Keep Clear:** Keep fingers and other body parts clear of the stripping and cutting jaws during operation.
- **Storage:** Store the tool in a dry, secure place, out of reach of children and unauthorized users.

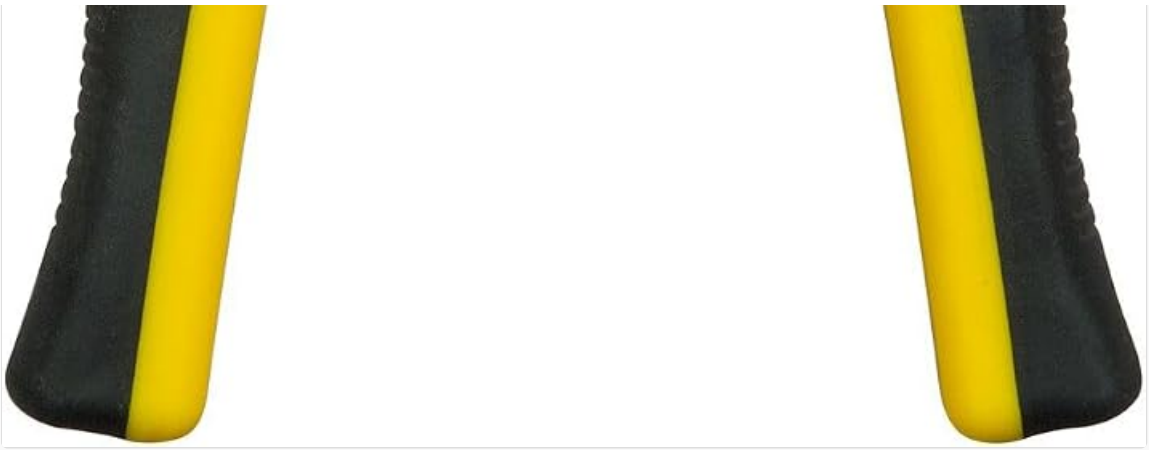
3. Product Overview and Components

The STANLEY FMHT0-96230 Automatic Wire Stripper features a robust design for reliable performance. Familiarize yourself with the main components:

- **Stripping Jaws:** Automatically adjust to wire size for clean insulation removal.
- **Wire Cutter:** Integrated blade for cutting wires.
- **Crimping Jaws:** Sections for crimping insulated and non-insulated terminals.

- **Adjustable Wire Stop:** For consistent strip length.
- **Ergonomic Handles:** Designed for comfortable grip and reduced hand fatigue.





Front view of the STANLEY FMHT0-96230 Automatic Wire Stripper, highlighting its yellow and black ergonomic handles and the multi-function head for stripping and crimping.

4. Specifications

Feature	Specification
Brand	STANLEY
Model Number	FMHT0-96230
Material	Alloy Steel
Color	Yellow/Black
Product Dimensions	7.99"L x 4.41"W
Handle Material	Alloy Steel
Item Weight	0.34 Kilograms (12 ounces)
Grip Type	Ergonomic
Cable Diameter Range	0.2 - 6 mm²
Crimping Capacity (Insulated)	0.5 - 6 mm²
Crimping Capacity (Non-Insulated)	0.5 - 6 mm²
Included Components	Wire Stripper

5. Setup

1. **Unpack:** Carefully remove the wire stripper from its packaging.
2. **Inspect:** Check the tool for any visible damage or manufacturing defects. Ensure all moving parts operate smoothly.
3. **Familiarize:** Identify the stripping jaws, wire cutter, crimping jaws, and the adjustable wire stop.
4. **Adjust Wire Stop (Optional):** For repetitive tasks requiring a consistent strip length, slide the yellow adjustable wire stop to the desired position. This ensures that only the required amount of insulation is removed.

6. Operating Instructions

6.1. Wire Stripping

1. **Prepare Wire:** Ensure the wire or cable is free from kinks and debris. Confirm the power supply to the wire is off.
2. **Insert Wire:** Open the handles of the stripper. Insert the end of the wire into the stripping jaws, ensuring it passes through the cutting blades and rests against the adjustable wire stop (if used).
3. **Squeeze Handles:** Firmly squeeze the handles together. The tool will automatically grip the wire, cut the insulation, and pull it away, leaving the conductor exposed.
4. **Release and Remove:** Release the handles and remove the stripped wire. Inspect the stripped end to ensure a clean cut and no damage to the conductor strands.



A close-up view demonstrating the STANLEY FMHT0-96230 Wire Stripper in use, showing a cable being inserted into the stripping mechanism.



This image illustrates the wire stripping process with the STANLEY FMHT0-96230, showing the tool gripping and removing insulation from a cable.

6.2. Wire Cutting

1. **Position Wire:** Place the wire to be cut into the designated wire cutter section located between the handles.
2. **Cut:** Squeeze the handles firmly until the wire is cleanly cut.

6.3. Crimping Terminals

The tool includes dedicated sections for crimping insulated and non-insulated terminals.

1. **Select Terminal:** Choose the appropriate terminal for your wire gauge and application.
2. **Strip Wire:** Strip the wire to the correct length for the terminal.
3. **Position Terminal:** Place the terminal into the corresponding crimping jaw (insulated or non-insulated section). Ensure the terminal is seated correctly.
4. **Insert Wire:** Insert the stripped end of the wire fully into the terminal.
5. **Crimp:** Squeeze the handles firmly and completely until the crimp is secure. Release the handles and remove the crimped terminal.

6. **Verify:** Gently pull on the wire to ensure the crimp is strong and the wire is securely held.

7. Maintenance

Regular maintenance will extend the life of your STANLEY FMHT0-96230 Wire Stripper.

- **Cleaning:** After each use, wipe the tool clean with a dry cloth to remove any dust, dirt, or wire fragments. Avoid using harsh solvents or abrasive cleaners.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot points and moving parts to ensure smooth operation.
- **Storage:** Store the tool in a clean, dry environment, protected from moisture and extreme temperatures.
- **Inspection:** Regularly check the stripping and cutting jaws for wear or damage. If the jaws become dull or damaged, the tool's performance may be affected.

8. Troubleshooting

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

- **Wire Not Stripping Cleanly:**
  - Ensure the wire is fully inserted into the stripping jaws.
  - Check if the wire stop is correctly positioned for the desired strip length.
  - Inspect the stripping jaws for any debris or damage that might hinder their function.
- **Wire Insulation Damaged During Stripping:**
  - Verify that the wire gauge is within the tool's specified range (0.2 - 6 mm^2).
  - Ensure the wire is placed straight and centered in the stripping jaws.
- **Crimping is Loose or Incomplete:**
  - Confirm you are using the correct crimping section (insulated/non-insulated) for the terminal type.
  - Ensure the terminal and stripped wire are fully seated in the crimping jaws.
  - Apply firm and complete pressure to the handles during the crimping process.

9. Warranty and Support

STANLEY is committed to providing quality tools and excellent customer service. For warranty information, technical assistance, or any product-related inquiries, please contact our support team.

STANLEY Total Care contact details for sales, after-sales support, warranty, and omnichannel support, including phone, email, and WhatsApp.

Customer Care Contact:

Phone: 1800-203-0644

Email: SBD-CUSTOMERCOMMUNICATIONS@SBDINC.COM

WhatsApp: +91 96060 55835

For the most current warranty terms and conditions, please refer to the official STANLEY website or contact customer support directly.

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