

KLEIN TOOLS STP100

Klein Tools STP100 Heavy Duty Staple Starter Instruction Manual

Model: STP100

1. PRODUCT OVERVIEW

The Klein Tools STP100 Heavy Duty Staple Starter is designed for efficient and safe installation of ground wire and ground molding onto utility poles. This manual tool helps prevent common issues such as dropping staples, hitting fingers, or puncturing work gloves during installation. It features an automatic loading mechanism for the next staple, ensuring smoother operation.



Image 1.1: The Klein Tools STP100 Heavy Duty Staple Starter, a manual tool for utility staple installation.

Key Features:

- Heavy-duty, manual staple starter for ground wire and molding on utility poles.

- Compatible with Klein Tools staples (Cat. No. STP001) and other market staples.
- Top-loading design for quick reloads and reduced staple drops.
- Capacity to hold 35 to 40 staples, sufficient for one pole installation.
- Constructed from durable steel and aluminum for optimal performance.
- Integrated bottom stop mechanism to prevent staples from being driven too deep.
- Built-in ruler for convenient measurement of staple spacing.

**Install ground
wire and molding
on utility poles**

**KLEIN
TOOLS** 

Since 1857

**Automatic loading
of next staple**

**Holds up to
35-40 staples**



Image 1.2: Annotated view highlighting key features such as the D-ring for hanging, jam release mechanism, and built-in ruler.

2. SETUP AND LOADING STAPLES

Before using the staple starter, ensure it is properly loaded with staples. The STP100 is designed for top-loading, accommodating 35 to 40 staples.

Loading Procedure:

1. Locate the staple loading slot at the top of the tool.
2. Insert a strip of compatible utility staples (e.g., Klein Tools Cat. No. STP001) into the slot. Ensure the staples are oriented correctly with the points facing forward.
3. Push the staples fully into the loading mechanism. The tool will automatically position the first staple for

use.

4. Verify that the staples are securely seated and move freely within the loading channel.



Image 2.1: A hand demonstrating the process of loading staples into the top slot of the STP100.



Image 2.2: A close-up view showing staples correctly loaded and positioned within the staple starter.

3. OPERATING INSTRUCTIONS

Follow these steps for effective and safe operation of the Klein Tools STP100 Heavy Duty Staple Starter.

1. **Positioning:** Place the staple starter firmly against the utility pole or surface where the ground wire or molding needs to be secured. Ensure the staple exit point is aligned with the desired installation location.
2. **Staple Placement:** Guide the ground wire or molding into the channel of the staple starter, ensuring it is held securely in place by the tool.
3. **Driving the Staple:** Using a hammer, strike the top plunger of the staple starter with controlled force. The tool's design, including the bottom stop, helps prevent over-driving the staple.
4. **Repeat:** After each staple is driven, the tool automatically advances the next staple. Reposition the tool and repeat the striking action for subsequent staples, utilizing the built-in ruler for consistent spacing.



Image 3.1: A user demonstrating the proper technique of striking the staple starter with a hammer to secure a staple.



Image 3.2: The staple starter being used to install ground wire, showcasing its application on a utility pole.



Image 3.3: A worker utilizing the staple starter while working from an elevated position, highlighting its utility in various work environments.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Klein Tools STP100 Heavy Duty Staple Starter, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the tool to remove dirt, dust, and debris. Use a dry cloth or a soft brush. Avoid using harsh chemicals or solvents that could damage the material.
- **Inspection:** Periodically inspect the tool for any signs of wear, damage, or loose components. Ensure the staple loading mechanism operates smoothly.
- **Lubrication:** Lightly lubricate moving parts if necessary, using a general-purpose lubricant suitable for metal tools.

- **Storage:** Store the staple starter in a dry environment to prevent rust and corrosion. The integrated D-ring allows for convenient hanging storage.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your staple starter.

Staple Jam:

If a staple becomes jammed in the mechanism:

1. **Identify Jam Release:** Locate the jam release mechanism on the tool (refer to Image 1.2).
2. **Clear Jam:** Carefully open the jam release or follow the instructions on the tool to access the jammed staple. Use pliers or a similar tool to gently remove the jammed staple.
3. **Inspect:** After clearing, inspect the staple channel for any remaining debris or damage before reloading and resuming operation.

Staples Not Feeding:

- Ensure staples are loaded correctly and are not bent or damaged.
- Verify that the staple type is compatible with the STP100.
- Check for any obstructions in the staple channel.

6. SPECIFICATIONS

Klein Tools STP100 Product Specifications

Feature	Detail
Model Number	STP100
Manufacturer	Klein Tools
Item Weight	4 pounds
Product Dimensions	12.28 x 7.05 x 2.68 inches
Material	Alloy Steel, Aluminum
Color	Black
Power Source	Hand Powered
Staple Capacity	35 to 40 Staples
Included Components	Utility Staple Starter

7. WARRANTY INFORMATION

For detailed warranty information regarding the Klein Tools STP100 Heavy Duty Staple Starter, please refer to the official Klein Tools website. Warranty terms and conditions are subject to change and may vary by region. Visit: [Klein Tools Official Website - Warranty](#)

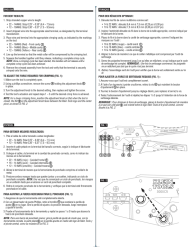



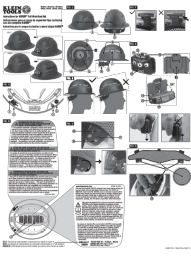
8. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need further support for your Klein Tools STP100, please contact Klein Tools customer service. Contact information can typically be found on the official Klein Tools website or product packaging.

For general inquiries, visit: [Klein Tools Contact Us](#)

© 2023 Klein Tools. All rights reserved. Information subject to change without notice.

Related Documents - STP100

	<p>Klein Tools 3005CR Crimping Tool Instructions</p> <p>Instructions for using the Klein Tools 3005CR crimping tool, including proper wire stripping, terminal insertion, crimping procedures, and force adjustment. The document is available in English and Spanish.</p>
	<p>Klein Tools 45001 Cable Stapler: User Manual and Operating Instructions</p> <p>Comprehensive guide for the Klein Tools 45001 Cable Stapler. Learn about its features, safety warnings, operating instructions for loading and stapling cable, clearing debris, and warranty information. Includes staple size compatibility.</p>
	<p>Klein Tools VDV500-705 Tone & Probe Test & Trace Kit User Manual</p> <p>User manual and operating instructions for the Klein Tools VDV500-705 Tone & Probe Test & Trace Kit, detailing features, specifications, and usage for wire identification and tracing.</p>
	<p>Klein Tools MM450 Auto-Ranging TRMS Digital Multimeter Instruction Manual</p> <p>Explore the Klein Tools MM450 Auto-Ranging TRMS Digital Multimeter with this comprehensive instruction manual. Learn about its features for measuring AC/DC voltage, current, resistance, capacitance, frequency, temperature, and more. Includes detailed specifications and safety guidelines.</p>
	<p>Klein Tools KARBN™ Full-Brim Hard Hat: User Manual, Specs & Safety Guide</p> <p>Detailed instructions and specifications for the Klein Tools KARBN™ Full-Brim Hard Hat (Models 60626, 60345, 60346, 60347). Covers general specifications, fitting, adjustments, maintenance, safety warnings, and accessory compatibility.</p>



[Klein Tools VDV226-110 Pass-Thru Modular Crimper Instructions](#)

Learn how to use the Klein Tools VDV226-110 Pass-Thru™ Modular Crimper for efficient cable cutting, stripping, and crimping. This guide covers safety, operation steps, and tool identification for network cable installation.