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KLEIN TOOLS 44228, 11055

Klein Tools 44228 Electrician's Pocket Knife and 11055 Wire Stripper User Manual

Comprehensive instructions for safe and effective use.

Introduction

This manual provides detailed instructions for the safe and proper use, maintenance, and care of your Klein Tools 44228 Electrician's Pocket Knife and 11055 Wire Stripper. Please read this manual thoroughly before operating the tools and retain it for future reference. These tools are designed for professional electrical work and general-purpose job site tasks.



Image 1: The Klein Tools 44228 Electrician's Pocket Knife (left) and the Klein Tools 11055 Wire Stripper (right). These tools are designed for various electrical and general utility tasks.

Safety Information

WARNING: Always wear approved eye protection when using hand tools. Failure to do so may result in serious injury.

- Keep tools clean and dry.
- Do not use tools for purposes other than their intended design.

- Inspect tools before each use for any damage. Do not use damaged tools.
- Keep sharp blades away from body and fingers.
- Store tools safely out of reach of children.

Product Overview

Klein Tools 44228 Electrician's Pocket Knife

The Klein Tools 44228 Electrician's Pocket Knife is a versatile tool designed for electricians, offering features for cable splitting, wire stripping, and general utility. It features a durable stainless steel blade and a bearing-assisted opening mechanism.



Image 2: Detailed view of the Klein Tools 44228 Electrician's Pocket Knife highlighting its key features: stainless-steel drop point blade, bearing-assisted open, wire loop hole, wire stripping notches (for 14-10 AWG solid and 16-12 AWG stranded wire), low-carry pocket clip, and frame lock mechanism.

Key Features:

- **Stainless Steel Drop Point Blade:** Provides excellent edge retention and durability.
- **Bearing-Assisted Opening:** Allows for smooth, one-handed blade deployment.
- **Wire Stripping Notches:** Integrated into the blade for stripping 14-10 AWG solid and 16-12 AWG stranded wire when the blade is closed.
- **Wire Looping Hole:** Located at the base of the blade for forming loops in electrical wire.
- **Low-Carry Pocket Clip:** Secures the knife for convenient and discreet carrying.
- **Frame Lock:** Ensures the blade remains securely open during use.

Klein Tools 11055 Wire Cutter and Stripper

The Klein Tools 11055 is a compact and lightweight tool designed for cutting and stripping solid and stranded copper wire. It features a strong-gripping serrated nose and comfortable double-dipped handles.



Image 3: Detailed view of the Klein Tools 11055 Wire Stripper, highlighting its features: wire stripping gauges for 10-18 AWG solid and 12-20 AWG stranded wire, screw shearing holes for 6-32 and 8-32 screws, serrated nose for gripping, and comfortable handles.

Key Features:

- **Wire Stripping Gauges:** Accurately strips 10-18 AWG solid and 12-20 AWG stranded wire.

- **Wire Cutting Blades:** Cleanly cuts solid and stranded copper wire.
- **Serrated Nose:** Provides a strong grip for bending, shaping, and pulling wire.
- **Screw Shearing Holes:** For cutting 6-32 and 8-32 screws.
- **Double-Dipped Handles:** Ergonomically designed for comfort and to reach into confined areas.
- **Closure Lock:** For secure storage when not in use.
- **Coil Spring:** Allows for quick and easy opening of the tool.

Setup

Klein Tools 44228 Electrician's Pocket Knife

1. **Unpacking:** Carefully remove the knife from its packaging.
2. **Initial Inspection:** Check the blade for sharpness and ensure the frame lock mechanism operates smoothly.
3. **Opening the Blade:** Use the thumb stud or flipper tab to engage the bearing-assisted opening. The blade will snap into place, secured by the frame lock.
4. **Closing the Blade:** Disengage the frame lock by pushing the metal tab to the side, then carefully fold the blade back into the handle.

Klein Tools 11055 Wire Stripper

1. **Unpacking:** Remove the wire stripper from its packaging.
2. **Unlocking:** If the tool is in the locked position, push the closure lock lever to release the handles. The coil spring will open the handles.
3. **Familiarization:** Identify the wire stripping gauges for solid and stranded wire, the cutting blades, and the screw shearing holes.

Operating Instructions

Using the Klein Tools 44228 Electrician's Pocket Knife

Cable Splitting:

1. Carefully open the blade and ensure it is locked.
2. Place the cable on a stable surface.
3. Using controlled pressure, guide the blade along the cable jacket to split it. Exercise caution to avoid cutting into the inner conductors.



Image 4: An electrician using the Klein Tools 44228 Pocket Knife to carefully split the outer jacket of a cable. This demonstrates the knife's utility for precise cable preparation.

Wire Stripping (using notches):

1. Ensure the blade is closed.
2. Select the appropriate stripping notch for your wire gauge (14-10 AWG solid, 16-12 AWG stranded).
3. Insert the wire into the notch and apply firm pressure to rotate the knife around the wire, scoring the insulation.
4. Remove the knife and pull the insulation off the wire.

Wire Looping:

1. After stripping the wire, insert the bare end into the wire looping hole at the base of the blade.
2. Rotate the knife or the wire to form a clean loop suitable for screw terminals.

Using the Klein Tools 11055 Wire Cutter and Stripper

Wire Stripping:

1. Identify the correct gauge hole for your wire (10-18 AWG solid, 12-20 AWG stranded).
2. Insert the wire into the corresponding stripping hole, ensuring only the insulation is within the cutting edges.
3. Squeeze the handles firmly to cut through the insulation, then pull the tool away from the wire to remove the stripped insulation.

Wire Cutting:

1. Place the wire between the cutting blades near the pivot point.
2. Squeeze the handles together to cut the wire cleanly.

Wire Bending and Looping:

1. Use the serrated nose to grip the end of the wire.
2. Bend or shape the wire as needed for connections or routing.
3. For looping, grip the wire with the serrated nose and wrap it around the nose to form a loop.

Screw Shearing:

1. Identify the correct screw shearing hole (6-32 or 8-32).
2. Insert the screw into the appropriate hole from the side of the tool.
3. Squeeze the handles firmly to shear the screw.



Image 5: A collage demonstrating various uses of the Klein Tools 11055 Wire Stripper. Clockwise from top-left: stripping red insulated wire, bending a small wire, shearing a screw, and cutting a wire. This illustrates the multi-functionality of the tool.

Maintenance

Care and Storage

- **Cleaning:** After each use, wipe down both tools with a clean, dry cloth to remove dirt, dust, and debris. For stubborn grime, a mild solvent can be used, ensuring to dry thoroughly afterward.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot points of the wire stripper and the bearing mechanism of the pocket knife to ensure smooth operation.
- **Blade Sharpening (Pocket Knife):** If the knife blade becomes dull, sharpen it using a suitable sharpening stone or tool. Always follow proper sharpening techniques to maintain the blade's edge.
- **Storage:** Store both tools in a dry environment to prevent rust. The pocket knife should be closed and secured, and the wire stripper should be locked in its closed position.

Troubleshooting

Common Issues and Solutions

- **Difficulty Stripping Wire (11055):**
  Solution: Ensure you are using the correct gauge hole for the wire. The blades may be dull; consider replacing the tool if performance significantly degrades.
- **Knife Blade Sticking (44228):**
  Solution: Clean any debris from the pivot area and apply a small amount of lubricant to the bearing mechanism.
- **Wire Not Cutting Cleanly (11055):**
  Solution: Ensure the wire is placed fully within the cutting blades. If the blades are dull, the tool may need replacement.
- **Pocket Knife Blade Dull (44228):**
  Solution: Sharpen the blade using appropriate sharpening tools and techniques.

Specifications

Klein Tools 44228 Electrician's Pocket Knife

Feature	Detail
Model Number	44228
Blade Material	Stainless Steel
Blade Type	Drop Point
Opening Mechanism	Bearing-Assisted, One-Handed
Locking Mechanism	Frame Lock
Wire Stripping Notches	14-10 AWG Solid, 16-12 AWG Stranded
Wire Looping Hole	Yes
Pocket Clip	Low-Carry

Klein Tools 11055 Wire Cutter and Stripper

Feature	Detail
Model Number	11055
Wire Stripping Capacity	10-18 AWG Solid, 12-20 AWG Stranded
Wire Cutting Capacity	Copper Wire (Solid and Stranded)
Screw Shearing Capacity	6-32, 8-32
Nose Type	Serrated
Handle Type	Double-Dipped Comfort Grips
Closure Mechanism	Locking Lever

Warranty and Customer Support

Klein Tools products are manufactured to high standards and are backed by a commitment to quality. For specific warranty information, product registration, or customer support inquiries, please refer to the official Klein Tools website or contact their customer service department directly. Keep your purchase receipt for warranty claims.
For further assistance, visit www.kleintools.com.

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