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KNIPEX 97 00 215 A

KNIPEX Tools - Crimping Pliers

MODEL: 97 00 215 A

General Safety Instructions

Read and understand all instructions before using the KNIPEX Crimping Pliers. Failure to follow these instructions may result in injury or damage to the tool or workpiece.

- Always wear appropriate personal protective equipment, including **eye protection**, when using hand tools.
- Ensure the tool is in good working condition before each use. Do not use damaged tools.
- Use the correct tool for the job. These pliers are designed for crimping electrical connectors; do not use them for cutting, prying, or striking.
- Keep hands and fingers clear of the crimping jaws during operation.
- Do not use on live electrical circuits unless the tool is specifically rated and insulated for such use. This model is not insulated for live work.
- Store the tool in a dry, secure place, out of reach of children.

Product Overview

The KNIPEX Crimping Pliers model 97 00 215 A are precision-engineered hand tools designed for reliable and consistent crimping of electrical connectors. They are built for durability and comfortable use, meeting the demands of professional tradesmen.

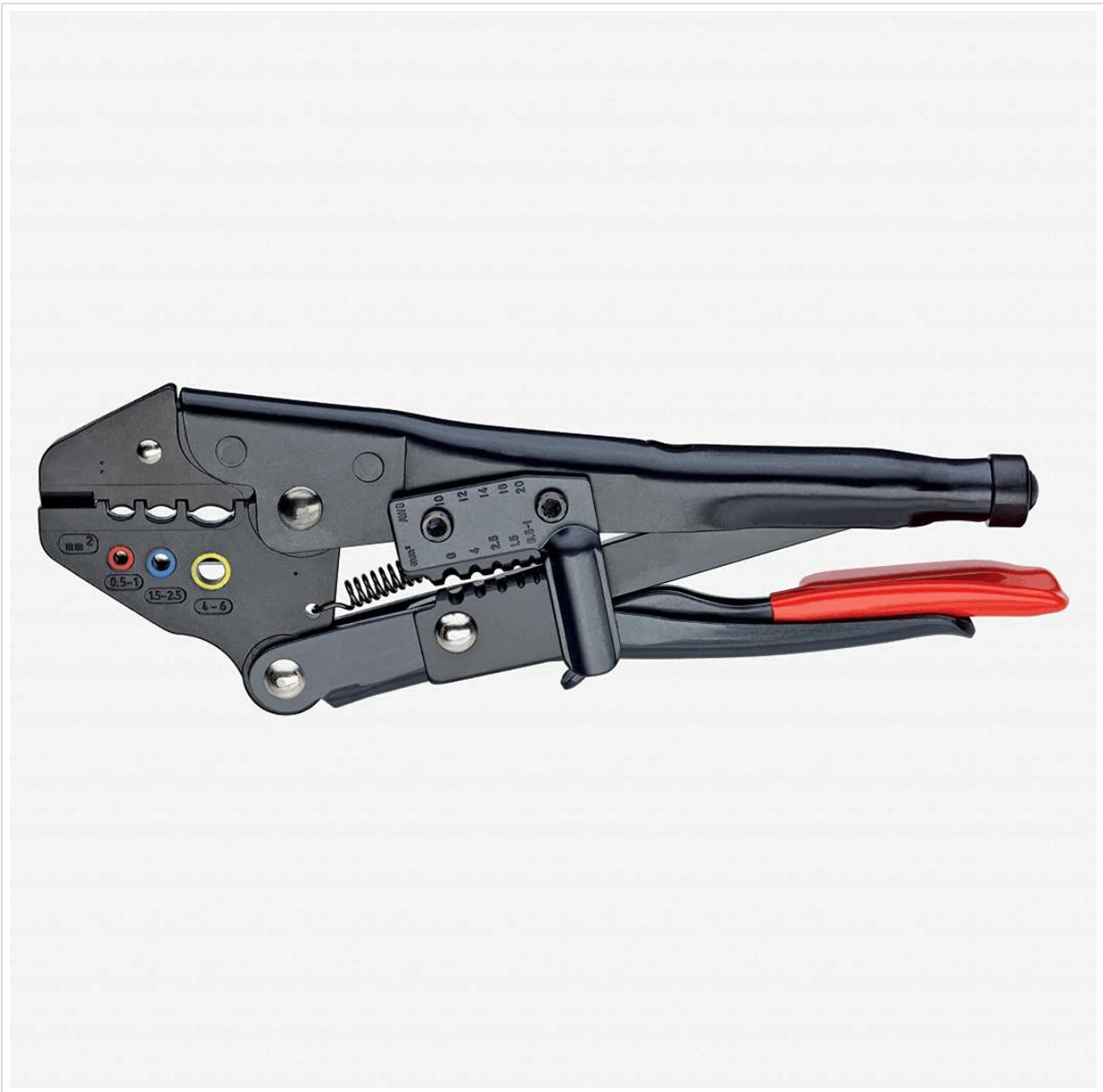


Image showing the KNIPLEX Crimping Pliers model 9700215A, a hand tool designed for crimping electrical connectors. The pliers feature ergonomic handles and a robust head for efficient operation.

Key features include:

- Precision grade performance for consistent crimps.
- Comfortable, ergonomic grip for extended use.
- Durable construction, tested for real-world conditions.

Setup

The KNIPLEX Crimping Pliers are ready for use out of the packaging. No assembly is required.

1. Unpack the crimping pliers from their packaging.
2. Inspect the tool for any signs of damage or manufacturing defects. Do not use if damaged.
3. Familiarize yourself with the crimping jaws and the handle mechanism.
4. Ensure the work area is clean, well-lit, and free from obstructions.

Operating Instructions

Follow these steps for proper crimping:

1. **Select the Correct Terminal:** Choose the appropriate electrical terminal or connector for your wire gauge and application. Ensure it is compatible with the crimping pliers.
2. **Prepare the Wire:** Strip the insulation from the end of the wire to the correct length, exposing the conductor. Avoid damaging the wire strands.
3. **Insert Terminal:** Place the terminal into the appropriate crimping die on the pliers. The crimping die should match the size and type of the terminal.
4. **Insert Wire:** Insert the stripped wire into the terminal, ensuring all strands are within the crimp barrel.
5. **Crimp:** Squeeze the handles of the pliers firmly and completely until the crimping cycle is finished. The pliers should release automatically or require a full squeeze to complete the crimp.
6. **Inspect the Crimp:** After crimping, visually inspect the connection. It should be tight and secure, with no loose strands. Gently tug on the wire to ensure it is properly seated and cannot be pulled out.

Note: Always refer to the terminal manufacturer's specifications for recommended crimping procedures and die selection.

Maintenance

Proper maintenance will extend the life and performance of your KNIPEX Crimping Pliers.

- **Cleaning:** After each use, wipe the pliers clean with a dry cloth to remove any dirt, dust, or debris. For stubborn grime, a mild solvent can be used, ensuring it does not damage the handle material.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot points and moving parts to ensure smooth operation. Wipe off any excess oil.
- **Storage:** Store the pliers in a dry environment to prevent rust. Keep them away from corrosive materials and extreme temperatures.
- **Inspection:** Regularly inspect the crimping jaws for wear, damage, or misalignment. Check the handles for cracks or looseness. Replace the tool if significant wear or damage is observed.

Troubleshooting

If you encounter issues while using your crimping pliers, consider the following:

- **Poor Crimp Quality:**
 - Ensure you are using the correct crimping die for the terminal size.
 - Verify the wire is stripped to the correct length and fully inserted into the terminal.
 - Apply sufficient force to fully close the pliers during the crimping cycle.
- **Difficulty Closing Pliers:**
 - Check for any obstructions in the jaws or pivot points.
 - Apply lubrication to the pivot points if they feel stiff.
 - Ensure you are not attempting to crimp material beyond the tool's capacity.
- **Wire Pulls Out of Crimp:**
 - The crimp was not fully completed or the wrong die was used.
 - The wire may not have been fully inserted into the terminal.
 - The terminal itself may be faulty or incompatible.

If problems persist, contact KNIPEX customer support or a qualified technician.

Specifications

Attribute	Value
Manufacturer	Knipex Tools LP
Part Number	97 00 215 A
Item Model Number	97 00 215 A
UPC	843221005986
Weight	454 g (1 lb)
Product Dimensions (L x W x H)	21.72 x 6.73 x 2.92 cm (8.55 x 2.65 x 1.15 inches)
Number of Handles	2
Grip Type	Ergonomic
Batteries Required?	No

Warranty and Support

KNIPEX tools are manufactured to high-quality standards and are designed for durability. For specific warranty information, please refer to the warranty documentation included with your purchase or visit the official KNIPEX website.

For technical support, spare parts, or service inquiries, please contact KNIPEX customer service through their official channels. Provide your product model number (97 00 215 A) and any relevant purchase information when seeking assistance.

You can find more information and contact details on the official KNIPEX website: www.knipex.com