

## KNIPEX 87 01 125 SBA

# KNIPEX Cobra Water Pump Pliers (Model 87 01 125 SBA) Instruction Manual

*Precision Tools for Professional and Home Use*

## 1. PRODUCT OVERVIEW

The KNIPEX Cobra Water Pump Pliers, model 87 01 125 SBA, are high-performance, precision-grade tools designed for various gripping and holding tasks. Featuring a unique push-button adjustment, these pliers offer quick and secure adjustment to different workpiece sizes, ensuring a strong grip without slippage. They are an essential tool for professionals and DIY enthusiasts alike, suitable for use in the shop, at home, or in the service field.



Figure 1: The KNIPEX Cobra Water Pump Pliers, showcasing their ergonomic design and red plastic handles.

## 2. SAFETY INFORMATION

Always prioritize safety when using any hand tool. Failure to follow safety guidelines can result in injury or damage to the tool or workpiece.

- **Eye Protection:** Always wear appropriate eye protection (safety glasses or goggles) to shield against flying debris or splashes.
- **Hand Protection:** Wear work gloves to protect hands from sharp edges, pinch points, and chemicals.
- **Inspect Tool:** Before each use, inspect the pliers for any signs of damage, wear, or loose

components. Do not use damaged tools.

- **Proper Grip:** Ensure a firm and stable grip on the workpiece. Avoid over-extending or using excessive force that could lead to slippage.
- **Electrical Safety:** These pliers are not insulated. Do not use them on live electrical circuits or components.
- **Intended Use:** Use the pliers only for their intended purpose of gripping, holding, and turning. Do not use as a hammer, pry bar, or cutting tool unless specifically designed for such tasks.
- **Storage:** Store pliers in a clean, dry place, away from children and unauthorized users.

## 3. SETUP

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The KNIPEX Cobra Water Pump Pliers are ready for use out of the packaging. No assembly is required. Familiarize yourself with the adjustment mechanism before first use.

### 3.1. Adjusting Jaw Opening

1. Locate the push-button on the side of the pliers.
2. Press and hold the push-button. This disengages the jaw locking mechanism.
3. While holding the button, slide the upper jaw along the adjustment track to increase or decrease the jaw opening.
4. Position the jaws around the workpiece. Release the push-button to lock the jaws securely in place. The fine adjustment ensures optimal adaptation to different sizes of workpieces and a comfortable handle position.



Figure 2: Close-up view of the push-button adjustment mechanism on the KNIPEX Cobra pliers.

## 4. OPERATING INSTRUCTIONS

The KNIPEX Cobra pliers are designed for efficient and secure gripping of various shapes, including pipes, nuts, and flat materials.

### 4.1. Gripping Pipes and Round Materials

- Adjust the jaw opening using the push-button until the jaws fit snugly around the pipe or round material.
- Apply firm pressure to the handles to engage the self-locking jaws. The unique jaw geometry provides a strong grip, reducing the need for constant hand pressure.
- Turn or hold the workpiece as required.



Figure 3: The pliers securely gripping a pipe fitting, demonstrating their versatility in plumbing applications.

#### 4.2. Gripping Nuts and Hexagonal Bolts

- Adjust the jaws to match the size of the nut or bolt head. The parallel jaws ensure full contact and prevent rounding of fasteners.
- Position the jaws firmly on the nut or bolt.
- Apply turning force evenly.

#### 4.3. Handling Delicate or Finished Surfaces

While the Cobra pliers offer a strong grip, their serrated jaws are designed for maximum purchase. For delicate or finished surfaces, it is recommended to use a protective material (e.g., cloth, rubber) between the jaws and the workpiece to prevent marring.



Figure 4: The pliers demonstrating their ability to grip smaller, more delicate items like cables, highlighting their precision.



Figure 5: The pliers gripping a larger cable connector, showcasing their adaptability to various sizes and shapes.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your KNIPEX Cobra Water Pump Pliers.

- **Cleaning:** After each use, wipe the pliers clean with a dry cloth to remove dirt, grease, and moisture.
- **Lubrication:** Periodically apply a light coat of machine oil to the pivot point and adjustment mechanism to ensure smooth operation and prevent corrosion.
- **Storage:** Store the pliers in a dry environment to prevent rust. A tool roll or box is recommended to protect them from damage.
- **Inspection:** Regularly check the jaws for wear or damage. While KNIPEX tools are built for durability, extreme wear can affect performance.

## 6. TROUBLESHOOTING

Issue	Possible Cause	Solution
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Issue	Possible Cause	Solution
Jaws not gripping securely	Incorrect jaw adjustment; Worn jaws; Grease/oil on jaws.	Re-adjust jaws to fit workpiece snugly; Clean jaws thoroughly; If jaws are significantly worn, consider tool replacement.
Adjustment button stiff/stuck	Dirt or debris in mechanism; Lack of lubrication.	Clean the adjustment mechanism; Apply a small amount of machine oil to the pivot and adjustment track.
Rust formation	Exposure to moisture; Improper storage.	Clean off rust with a wire brush and apply rust preventative oil; Store in a dry environment.

## 7. SPECIFICATIONS

Feature	Detail
Brand	KNIPEX
Model Number	87 01 125 SBA
Product Dimensions	5"L x 2.36"W
Item Weight	3.1 Ounces
Handle Material	Plastic
Grip Type	Ergonomic
Standard Met	DIN ISO 8976
UPC	843221009212
Manufacturer	Knipex Tools LP

## 8. WARRANTY AND SUPPORT

KNIPEX Tools LP provides a manufacturer's warranty for its products. For specific details regarding the warranty period, coverage, and claims process, please refer to the official KNIPEX website or contact their customer support directly. Keep your proof of purchase for warranty purposes.

### 8.1. Customer Support

For technical assistance, product inquiries, or warranty claims, please contact KNIPEX Tools LP through their official channels:

- **Website:** [www.knipex.com](http://www.knipex.com)
- Refer to the website for contact numbers and email addresses specific to your region.