

## Bahco 9031-T

# BAHCO 9031-T Adjustable Wrench Instruction Manual

## 1. PRODUCT OVERVIEW

The BAHCO 9031-T Adjustable Wrench is engineered for precision and durability, featuring a thin jaw design and a wide opening capacity. This tool is designed to provide a secure grip and efficient operation in various applications, particularly in confined spaces.

Key features include:

- **Thin Jaws:** Approximately 45% thinner than standard adjustable wrenches, allowing access to tight areas.
- **Wide Opening:** Offers a 40% wider jaw opening compared to standard adjustable wrenches of equivalent size, accommodating larger fasteners.
- **Measurement Scale:** Integrated millimeter scale for pre-adjusting and accurate measurement of jaw opening.
- **Ergonomic Handle:** Designed for comfortable, slip-free grip, reducing user fatigue and risk of injury.
- **Durable Construction:** Precision-hardened and anti-corrosion treated alloy steel for extended tool life.



This image displays the BAHCO 9031-T adjustable wrench. It features a black ergonomic handle, a grey alloy steel body, and thin, wide-opening jaws with a measurement scale for precise adjustments.

## 2. INITIAL SETUP

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The BAHCO 9031-T Adjustable Wrench is ready for use directly out of its packaging. No assembly is required.

1. **Inspection:** Before first use, visually inspect the wrench for any signs of damage or manufacturing defects. Ensure the movable jaw operates smoothly along the screw mechanism.
2. **Cleaning:** Wipe the wrench with a clean, dry cloth to remove any packaging residue or protective oils.

## 3. OPERATING INSTRUCTIONS

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Follow these steps for effective and safe use of your adjustable wrench:

1. **Select Correct Size:** Identify the size of the fastener you need to turn.
2. **Adjust Jaw Opening:** Rotate the knurled adjustment screw to open or close the jaws. Use the integrated millimeter scale on the fixed jaw to pre-set the approximate opening if desired.
3. **Fit to Fastener:** Place the wrench jaws onto the fastener, ensuring a snug fit. The jaws should be as close as possible to the fastener's size to prevent slipping and damage to both the fastener and the wrench.
4. **Apply Force:** Apply force to the handle in the direction that tightens the movable jaw against the fixed jaw. This ensures maximum grip and reduces the risk of the wrench slipping.
5. **Work in Tight Spaces:** The thin jaw design is particularly useful for accessing fasteners in confined areas where standard wrenches may not fit.

**Safety Precaution:** Always pull the wrench towards you rather than pushing it away to maintain better control and reduce the risk of injury if the wrench slips.

## 4. CARE AND MAINTENANCE

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Proper care will extend the life and performance of your BAHCO 9031-T Adjustable Wrench:

- **Cleaning:** After each use, wipe the wrench clean of dirt, grease, and debris. A mild detergent and water can be used for stubborn grime, followed by thorough drying.
- **Lubrication:** Periodically apply a light machine oil to the adjustment screw and movable jaw mechanism to ensure smooth operation and prevent corrosion.
- **Storage:** Store the wrench in a dry environment to prevent rust. Avoid storing it in damp or corrosive conditions.
- **Inspection:** Regularly check the jaws for wear or damage. If the jaws become rounded or damaged, the wrench may slip and should be replaced.

## 5. TROUBLESHOOTING

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If you encounter issues with your adjustable wrench, consider the following:

- **Wrench Slipping:**
  - Ensure the jaws are tightly adjusted to the fastener.
  - Check for wear on the jaws or the fastener itself.
  - Apply force in the correct direction (pulling towards the movable jaw).
- **Stiff Adjustment Screw:**

- Clean the screw mechanism thoroughly.
- Apply a small amount of lubricant to the screw threads.
- **Jaw Misalignment:**
  - While minor misalignment can occur, significant issues may indicate damage. If performance is affected, consider replacement.

## 6. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	9031-T
Brand	Bahco
Material	Alloy Steel
Color	Silver/Black
Item Length	22.7 Centimeters
Item Weight	325 Grams (11.5 ounces)
Maximum Opening Width	38 mm
Jaw Thickness	0.18 inch (4.5 mm) at tip
Head Style	Open End
Finish Type	Painted
Measurement System	Inch (Scale in mm)
UPC	732454623374, 798256185069

## 7. WARRANTY AND SUPPORT

BAHCO products are manufactured to high standards and are designed for durability. For specific warranty information or technical support, please refer to the official BAHCO website or contact their customer service department. Keep your purchase receipt as proof of purchase.