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› BAHCO BP815K1 Impact Wrench Set User Manual

## Bahco BHBP815K1

# BAHCO BP815K1 Impact Wrench Set User Manual

Model: BHBP815K1

## 1. PRODUCT OVERVIEW

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The BAHCO BP815K1 Impact Wrench Set is designed for efficient fastening and loosening of nuts and bolts. This kit includes a 1/2 inch impact wrench and a comprehensive set of impact sockets, all housed in a durable plastic case with a foam insert for organization and protection.

### Included Components:

- 1 x BAHCO BP815 1/2 inch Impact Wrench
- Impact Sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 17 mm, 19 mm, 21 mm, 22 mm, and 24 mm
- 1/4 inch Connector
- Durable Plastic Case with Foam Insert



Image 1: The BAHCO BP815K1 Impact Wrench Set, showcasing the impact wrench, various impact sockets, and the protective carrying case.

## 2. SETUP AND PREPARATION

### 2.1 Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses and hearing protection, when operating the impact wrench.
- Ensure the workpiece is securely clamped or supported to prevent movement during operation.
- Verify that the air supply (if pneumatic) is disconnected before attaching or removing accessories.
- Inspect the impact wrench and sockets for any damage or wear before each use. Do not use damaged equipment.

### 2.2 Attaching Sockets

1. Select the correct size impact socket for the fastener. Only use impact-rated sockets with an impact wrench.

2. Align the square drive of the impact wrench with the square opening of the socket.
3. Push the socket firmly onto the drive until it locks into place. Some impact wrenches may have a detent pin or ring for secure attachment.
4. Ensure the socket is fully seated and secure before operating the tool.

## 3. OPERATING INSTRUCTIONS

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### 3.1 Connecting to Power Source

If using a pneumatic impact wrench, connect it to a suitable air compressor using the 1/4 inch connector. Ensure the air hose is securely attached and the air pressure is within the recommended operating range for the tool.

### 3.2 Fastening (Tightening)

1. Set the impact wrench to the tightening (forward) direction. This is typically indicated by a switch or lever on the tool.
2. Place the socket onto the fastener (nut or bolt head).
3. Press the trigger to activate the impact wrench. Apply steady pressure to keep the socket engaged with the fastener.
4. Release the trigger once the fastener is tightened. Avoid over-tightening, which can damage the fastener or workpiece. For critical applications, use a torque wrench for final tightening to specified torque values.

### 3.3 Loosening (Removing)

1. Set the impact wrench to the loosening (reverse) direction.
2. Place the socket onto the fastener.
3. Press the trigger to activate the impact wrench. Maintain firm grip and control.
4. Continue operation until the fastener is loose enough to be removed by hand or until it is fully removed.

## 4. MAINTENANCE

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### 4.1 Cleaning

- Regularly clean the exterior of the impact wrench with a soft, dry cloth.
- Remove any debris or dust from the air inlet and exhaust ports (for pneumatic models).
- Keep sockets clean and free of grease or dirt to ensure proper fit and prevent corrosion.

### 4.2 Lubrication (Pneumatic Models)

- For pneumatic impact wrenches, apply a few drops of pneumatic tool oil into the air inlet before each use or at regular intervals, as specified by the manufacturer.
- This lubricates internal components and extends tool life.

### 4.3 Storage

- Store the impact wrench and sockets in the provided durable plastic case.
- Keep the set in a dry, clean environment, away from direct sunlight and extreme temperatures.
- Ensure the tool is disconnected from its power source before storage.

## 5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not operate or has low power.	Insufficient air pressure (pneumatic). Air hose kinked or damaged. Tool requires lubrication.	Check air compressor settings and supply. Inspect air hose for obstructions or damage. Apply pneumatic tool oil to the air inlet.
Socket does not attach securely.	Incorrect socket size. Debris in socket or on drive. Worn detent pin/ring.	Ensure correct impact socket is used. Clean socket and drive thoroughly. Contact Bahco support for inspection/repair.
Excessive vibration or noise.	Loose components. Internal wear or damage.	Discontinue use immediately. Contact Bahco support for inspection.

## 6. SPECIFICATIONS

**Brand:** Bahco

**Model Number:** BHBP815K1

**Item Type Name:** Impact wrench set 1/2 inch Bp815/power inserts 10-24 mm with 1/4 inch connector

**Head Style:** Fixed Square

**Operation Mode:** Mechanical (Pneumatic)

**Material:** Plastic (case), Metal (tool/sockets)

**Item Weight:** 4.94 Kilograms

**Included Components:** Impact wrench, 11 impact sockets (10-24mm), 1/4 inch connector, plastic case

**Global Trade Identification Number (GTIN):** 07314150181957

## 7. WARRANTY AND SUPPORT

For specific warranty information regarding your BAHCO BP815K1 Impact Wrench Set, please refer to the documentation included with your purchase or visit the official Bahco website. Warranty terms and conditions may vary by region.

If you require technical assistance, spare parts, or have questions about the operation or maintenance of your tool, please contact Bahco customer support. You can find contact information and additional resources on the [Bahco Store on Amazon](#) or their official corporate website.