

Vikye KP-810PN

Instruction Manual for Vikye KP-810PN 1/4" Pneumatic Air Screwdriver

Model: KP-810PN

Brand: Vikye

1. INTRODUCTION

The Vikye KP-810PN is a high-performance 1/4" pneumatic air screwdriver designed for efficient fastening and disassembly of screws in various industrial and home maintenance applications. Its compact design, powerful torque, and reversible rotation make it suitable for tasks requiring precision and speed, such as machine manufacturing, auto repair, and electrical assembly.

2. SAFETY INFORMATION

Always prioritize safety when operating pneumatic tools. Failure to follow these instructions may result in injury or damage to the tool.

- **Eye Protection:** Always wear approved eye protection (safety glasses or goggles) to shield against flying debris.
- **Hearing Protection:** Prolonged exposure to tool noise can cause hearing damage. Hearing protection (earplugs or earmuffs) is recommended.
- **Air Pressure:** Do not exceed the maximum recommended air pressure of 0.62 MPa (approximately 90 PSI). Higher pressures can lead to tool malfunction or rupture.
- **Proper Attire:** Avoid loose clothing, jewelry, or long hair that could get caught in moving parts.
- **Work Area:** Ensure your work area is well-lit and clear of obstructions. Keep bystanders away.
- **Tool Condition:** Before each use, inspect the tool for any damage, loose parts, or air leaks. Do not use a damaged tool.
- **Disconnect Air Supply:** Always disconnect the air supply before changing accessories, performing maintenance, or when the tool is not in use.



Image Description: A view of the warning label on the top of the tool, advising on safety precautions such as wearing eye and hearing protection, and the integrated metal ring for hanging the tool. The label explicitly states: "WEAR APPROVED EYE PROTECTION. USE ONLY IMPACT SOCKETS. 90 PSI MAXIMUM AIR PRESSURE. HEARING PROTECTION IS RECOMMENDED. AVOID PROLONGED EXPOSURE. READ OPERATING INSTRUCTIONS."

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Air Screwdriver (KP-810PN)
- 1 x Intake Valve

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your KP-810PN Pneumatic Air Screwdriver.



Image Description: A full view of the Vikye KP-810PN Pneumatic Air Screwdriver, showcasing its olive-green body, black handle, and the 1/4-inch chuck with a screwdriver bit inserted. The tool features a compact design with an ergonomic grip.



Image Description: A diagram illustrating the physical dimensions of the KP-810PN pneumatic screwdriver. The tool measures approximately 16.5 cm (6.5 inches) in length and 20.5 cm (8.1 inches) in height, providing a clear understanding of its size.



Image Description: A detailed close-up view of the 1/4 inch chuck mechanism at the front of the screwdriver, showing the hexagonal opening where screwdriver bits are inserted and securely held.



Image Description: A close-up of the black safety trigger and the small, circular directional control switch located on the side of the handle, allowing for easy selection of forward or reverse rotation.



Image Description: A detailed view of the air inlet port at the very bottom of the screwdriver's handle, designed for connecting to an air compressor hose. Adjacent to it is the ribbed exhaust vent.

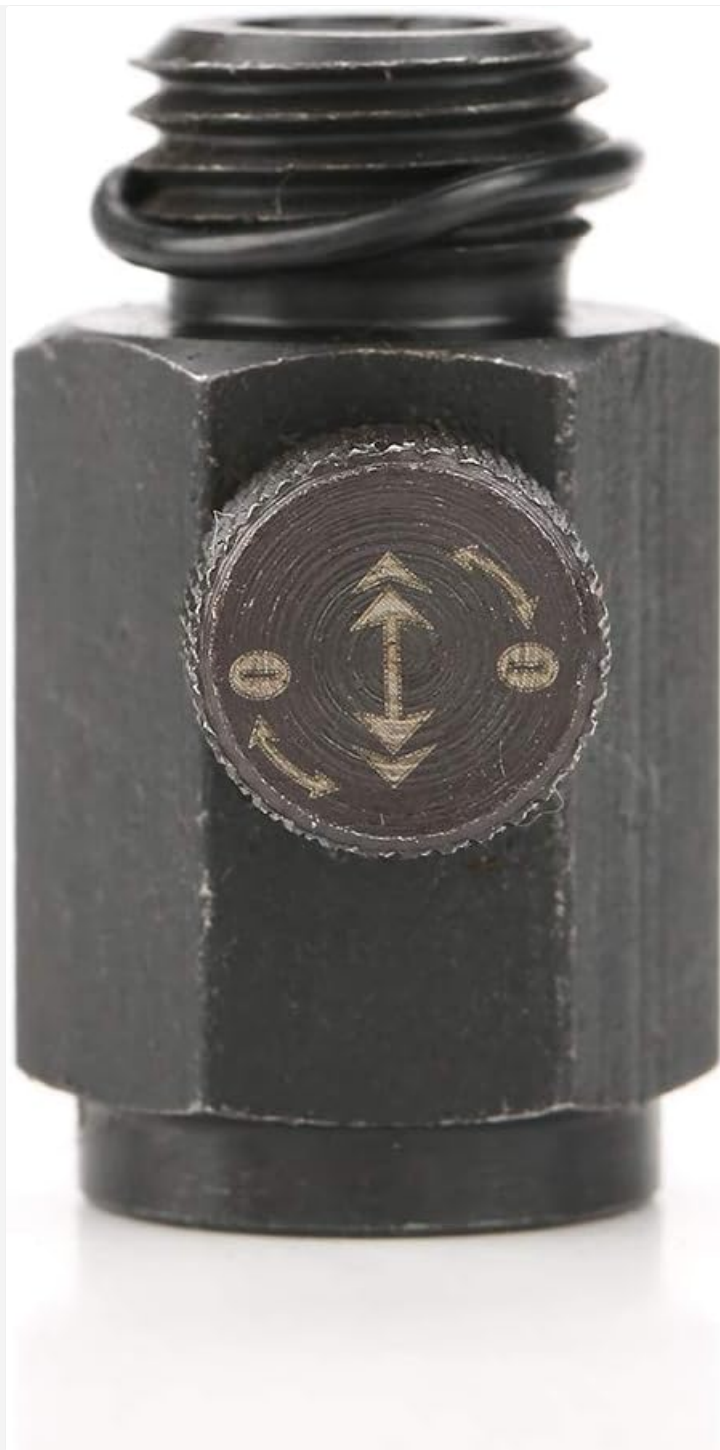


Image Description: A standalone image of the intake valve component, a threaded metal piece with a knurled knob for adjustment, which is included with the screwdriver for air supply connection.



Image Description: Another view of the intake valve, highlighting the engraved directional arrows on its adjustment knob, indicating settings for air flow or rotation direction.



Image Description: An image showing a hand comfortably gripping the Vikye KP-810PN pneumatic screwdriver, demonstrating its ergonomic design and ease of handling during operation.

5. SETUP

1. Air Supply Connection:

- Ensure your air compressor is capable of providing a stable air pressure of 0.62 MPa (90 PSI) and an air consumption of 0.22 m³/min.
- Attach the included intake valve to the air inlet port at the base of the screwdriver's handle.
- Connect a suitable air hose (with a 1/4" air inlet size fitting) from your air compressor to the intake valve. Ensure all connections are secure to prevent air leaks.

2. Bit Installation:

- Ensure the air supply is disconnected before installing or changing bits.
- Insert the desired 1/4" hexagonal screwdriver bit firmly into the chuck at the front of the tool until it clicks into

place.

- Pull on the bit gently to ensure it is securely seated and will not fall out during operation.

6. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation:

1. **Connect Air Supply:** Once the bit is installed, connect the air hose to the intake valve.
2. **Select Rotation Direction:** Use the directional control switch (typically a small lever or button near the trigger) to select either positive (forward) or negative (reverse) steering, depending on whether you are fastening or dis-assembling screws.
3. **Grip the Tool:** Hold the screwdriver firmly with one hand, ensuring a comfortable and secure grip on the anti-slip handle.
4. **Position the Bit:** Place the screwdriver bit onto the head of the screw you intend to work with, ensuring it is properly seated to prevent cam-out.
5. **Engage the Trigger:** Press the safety trigger to start the tool. The tool will begin rotating at its no-load speed of 5000 RPM. Apply steady, even pressure to the screw.
6. **Release Trigger:** Release the trigger to stop the tool.
7. **Disconnect Air:** Always disconnect the air supply when finished with the task or before making any adjustments.

The tool provides a maximum moment of force of 75 N.m, suitable for a wide range of fastening tasks. Its compact design allows for convenient one-hand operation.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your pneumatic screwdriver.

- **Lubrication:** Pneumatic tools require regular lubrication. Add a few drops of pneumatic tool oil into the air inlet before and after each use, or at least daily if used frequently. This lubricates internal components and prevents corrosion.
- **Air Filter/Regulator:** If your air compressor system includes an air filter or regulator, ensure it is regularly drained and cleaned to prevent moisture and debris from entering the tool.
- **Cleaning:** Keep the tool clean and free of dust and debris. Use a clean, dry cloth to wipe down the exterior. Do not use harsh chemicals or solvents.
- **Storage:** Store the tool in a dry, clean environment away from direct sunlight and extreme temperatures. Disconnect it from the air supply before storage.
- **Inspect Connections:** Periodically check all air connections and fittings for wear or damage. Replace any worn parts immediately to prevent air leaks.

8. TROUBLESHOOTING

If you encounter issues with your KP-810PN screwdriver, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Tool does not operate or operates weakly.	Insufficient air pressure. Air leaks in hose or connections. Lack of lubrication. Obstructed air inlet.	Check compressor pressure; ensure it's at 0.62 MPa (90 PSI). Inspect all connections for leaks and tighten. Add pneumatic tool oil to the air inlet. Clear any debris from the air inlet.
Excessive air consumption or noise.	Internal wear or damage. Air leaks.	Inspect for visible damage. If internal, professional service may be required. Check and seal any air leaks.
Bit not holding securely.	Incorrect bit size. Worn chuck.	Ensure you are using a 1/4" hexagonal bit. If chuck is worn, it may need replacement by a qualified technician.

9. SPECIFICATIONS

Technical specifications for the Vikye KP-810PN Pneumatic Air Screwdriver:

Model	KP-810PN
Material	Metal
Weight	1423g (50.2oz / 3.14 lbs)
Bolt Capacity	6-10mm
Maximum Torque	75 N.m
Air Consumption	0.22 m³/min
Chuck Size	1/4"
No-Load Speed	5000 RPM
Air Inlet Size	1/4"
Working Pressure	0.62 MPa (90 PSI)
Rotation	Positive & Negative Steering (Reversible)
Product Dimensions	16.5 x 20.5 cm (6.5 x 8.1 inches) / 9.25 x 7.48 x 1.97 inches

10. WARRANTY AND SUPPORT

Specific warranty information for the Vikye KP-810PN Pneumatic Air Screwdriver is not provided in this manual. For warranty details, technical support, or service inquiries, please refer to the product packaging, contact the retailer where the product was purchased, or visit the official Vikye website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question