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> AKKTOL Rivet Gun Kit User Manual

AKKTOL BT811

AKKTOL Rivet Gun Kit User Manual

MODEL: BT811

1. Product Overview

The AKKTOL BT811 1/4" Heavy Duty Pop Rivet Gun Kit is designed for efficient and reliable riveting tasks. Its two-handed construction provides ample leverage, making it easy to secure rivets up to 1/4" in diameter. Built with sturdy, 0.1" thick steel, this tool ensures long-term durability and comfortable use with its ergonomic, non-slip grips.



Figure 1: AKKTOL Rivet Gun Kit with included rivets and storage case.

2. Package Contents

Upon opening your AKKTOL Rivet Gun Kit, please verify that all components listed below are present:

- 1 x 13" Heavy Duty Rivet Gun
- 1 x Rivet Storage Box
- 50 x Aluminum Rivets 3/32" x 1/4"
- 50 x Aluminum Rivets 1/8" x 1/4"
- 50 x Aluminum Rivets 5/32" x 1/4"
- 40 x Aluminum Rivets 3/16" x 3/8"
- 20 x Aluminum Rivets 1/4" x 1/2"
- 1 x Detailed User Manual (this document)

PROFI RIVET GUN WITH POP RIVETS ASSORTMENT



Figure 2: Detailed view of the kit contents, including the rivet gun and assorted rivets.

3. Product Features

The AKKTOL Rivet Gun is engineered with several features to enhance performance and user comfort:

- **Two-Handed Operation:** The 13-inch long handles provide superior leverage, significantly reducing the effort required to set rivets, especially larger sizes.
- **Durable Construction:** Constructed from 0.1" thick steel with hardened steel jaws, ensuring long-lasting reliability and a strong, tight bite for secure riveting.
- **Toolless Nosepiece Change:** Easily swap between the five included nosepiece sizes (3/32" to 1/4") without the need for additional tools. Spare nosepieces are conveniently stored in the handle.
- **Spent Shaft Collection:** A built-in plastic bottle collects expended rivet shafts, keeping your workspace clean and preventing debris from scattering.
- **Versatile Compatibility:** Capable of handling various rivet materials, including aluminum, steel, and stainless

steel, making it suitable for a wide range of applications.

1/4" LARGE CAPACITY Dual Handle Operating Maximizes Leverage



Figure 3: The 13-inch handles provide excellent leverage for two-handed operation.

HARDENED STEEL JAWS

Almost No Jamming

Strong Grip

Tight Bite



Figure 4: Hardened steel jaws ensure strong grip and durability.

TOOLESS OPERATION TO CHANGE HEAD



Figure 5: Nosepieces can be changed quickly without tools.



Figure 6: The transparent collection bottle captures spent rivet shafts.

4. Setup

Before using your AKKTOL Rivet Gun, ensure it is properly set up for your specific riveting needs:

1. **Select the Correct Nosepiece:** Identify the appropriate nosepiece size that matches the diameter of the rivet you intend to use. The kit includes five sizes: 3/32", 1/8", 5/32", 3/16", and 1/4". Refer to the chart below for guidance.
2. **Install the Nosepiece:** The nosepieces are designed for toolless installation. Simply screw the selected nosepiece onto the head of the rivet gun until it is secure. A small O-ring helps keep it in place.
3. **Prepare the Collection Bottle:** Ensure the transparent collection bottle is securely attached to the rivet gun to catch spent rivet shafts during operation.



Figure 7: Rivet Head and Size Selection Chart.

5. Operating Instructions

Follow these steps to effectively use your AKKTOL Rivet Gun:

1. **Insert Rivet:** Open the handles of the rivet gun fully and insert the long stem of the rivet into the installed nosepiece. Ensure the rivet head is flush against the nosepiece.
2. **Position Rivet:** Place the rivet into the pre-drilled hole in the material(s) you wish to join. Ensure the rivet is fully seated.
3. **Set Rivet:** Firmly squeeze the handles of the rivet gun together. You may need to squeeze multiple times depending on the rivet size and material thickness. Continue squeezing until you hear a distinct 'snap', indicating that the rivet stem has broken off and the rivet is securely set.
4. **Release and Collect:** Once the rivet is set, release the handles. The broken rivet stem will fall into the transparent collection bottle.

For a visual demonstration of the riveting process, please watch the official product video below:

Your browser does not support the video tag.

Video 1: Official AKKTOL demonstration of the 1/4" Heavy Duty Pop Rivet Gun Kit in use.

6. Maintenance

Regular maintenance will ensure the longevity and optimal performance of your AKKTOL Rivet Gun:

- **Empty Collection Bottle:** Periodically empty the transparent collection bottle to prevent it from overflowing and to ensure proper operation.

- **Clean Nosepieces:** Keep the nosepieces clean and free of debris. If a nosepiece becomes clogged, remove it and clear any obstructions.
- **General Cleaning:** Wipe down the tool with a clean, dry cloth after each use to remove any dust or residue.
- **Storage:** Store the rivet gun and its accessories in the provided storage box in a dry, clean environment to protect it from rust and damage.

7. Troubleshooting

If you encounter issues while using your AKKTOL Rivet Gun, refer to the following common problems and solutions:

- **Rivet Not Setting Properly / Jamming:**
 - Ensure you are using the correct nosepiece size for the rivet's diameter. An incorrect size can lead to improper setting or jamming.
 - Verify that the rivet is fully inserted into the nosepiece and seated correctly in the material's hole before squeezing the handles.
- **Broken Rivet Stem Stuck:**
 - If a broken rivet stem becomes stuck in the tool, install the largest size rivet head onto the gun.
 - Open the handles of the rivet gun fully. The increased opening with the larger nosepiece should allow the stuck stem to fall out automatically.

8. Specifications

Brand	AKKTOL
Model	BT811
Item Weight	3.36 pounds
Package Dimensions	13.35 x 6.54 x 2.76 inches
Manufacturer Part Number	AKKTOL-BT811
First Available Date	August 23, 2023

9. Warranty and Support

For detailed information regarding warranty coverage, product support, or to purchase replacement parts, please visit the official AKKTOL website or contact their customer service directly. You can also find more information on the [AKKTOL Store on Amazon](#).

