

AUTOUTLET EFUGT404S

AUTOUTLET 8-inch Rivet Nut Gun Instruction Manual

Model: EFUGT404S

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your AUTOUTLET 8-inch Rivet Nut Gun. This tool is designed for installing rivet nuts (also known as blind rivet nuts or threaded inserts) into various materials, providing a strong, permanent thread for fasteners. Please read this manual thoroughly before operation and retain it for future reference.

M3 Aluminum 30pcs 	M4 Aluminum 30pcs 	M5 Aluminum 20pcs 	M6 Aluminum 20pcs 
Mandrels M3 1pcs 	Mandrels M4 1pcs 	Mandrels M5 1pcs 	Mandrels M6 1pcs 

Figure 1: AUTOUTLET 8-inch Rivet Nut Gun

2. SAFETY INFORMATION

Always follow basic safety precautions when using hand tools to reduce the risk of personal injury. Failure to follow these instructions may result in injury or damage to the tool.

- **Wear appropriate personal protective equipment (PPE)**, including safety glasses, gloves, and hearing protection.
- **Keep work area clean and well-lit.** Cluttered or dark areas invite accidents.
- **Do not operate the tool in explosive atmospheres**, such as in the presence of flammable liquids, gases, or dust.
- **Keep children and bystanders away** while operating the tool. Distractions can cause you to lose control.
- **Store idle tools out of reach of children** and untrained persons.
- **Use the correct tool for the job.** Do not force small tools or attachments to do the work of a heavy-duty tool.
- **Maintain tools with care.** Keep cutting tools sharp and clean. Properly maintained tools are less likely to bind and are easier to control.
- **Check for misalignment or binding of moving parts**, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool repaired before use.
- **Do not overreach.** Keep proper footing and balance at all times.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1 x AUTOUTLET 8-inch Rivet Nut Gun
- 1 x M3 Mandrel
- 1 x M4 Mandrel
- 1 x M5 Mandrel
- 1 x M6 Mandrel (pre-installed)
- 30 x M3 Rivet Nuts (9mm)
- 30 x M4 Rivet Nuts (11mm)
- 20 x M5 Rivet Nuts (13mm)
- 20 x M6 Rivet Nuts (15mm)

Easy to Replace The Mandrel



Figure 2: Included Mandrels and Rivet Nuts (M3, M4, M5, M6)

4. SETUP

Before using the rivet nut gun, ensure the correct mandrel is installed for the size of rivet nut you intend to use. The M6 mandrel is typically pre-installed.

4.1. Changing the Mandrel

1. **Loosen the Rotary Knob:** Turn the rotary knob counter-clockwise to loosen it and allow the mandrel to be removed.
2. **Remove Current Mandrel:** Pull out the currently installed mandrel from the tool head.
3. **Insert New Mandrel:** Select the appropriate mandrel size (M3, M4, M5, or M6) for your rivet nut. Insert the new mandrel into the tool head.
4. **Insert the Bolt:** Screw the corresponding bolt (part of the mandrel assembly) into the end of the mandrel.
5. **Screw in the Nozzle:** Screw the nozzle onto the tool head, ensuring it is finger-tight.
6. **Tighten the Rotary Knob:** Turn the rotary knob clockwise to secure the mandrel assembly firmly in place.

Replacement Steps



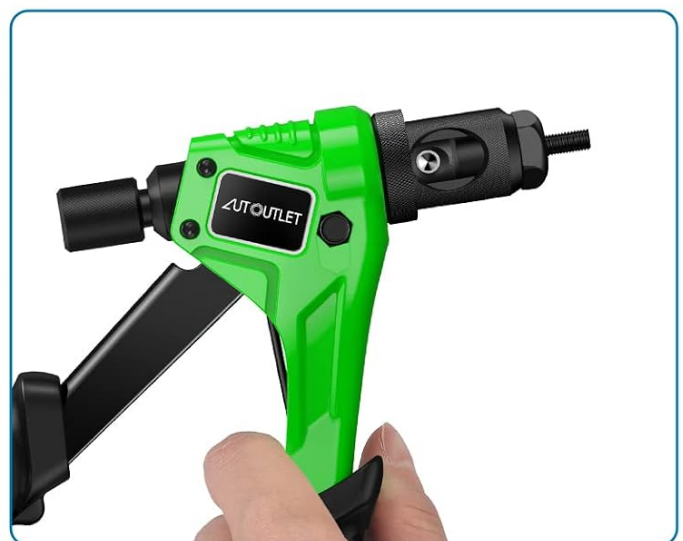
1. Insert mandrel



2. Insert the bolt



3. Screw in the nozzle



4. Done

Figure 3: Step-by-step guide for replacing the mandrel

5. OPERATING INSTRUCTIONS

Follow these steps to properly install a rivet nut:

1. **Prepare the Hole:** Drill a hole in the material that matches the diameter of the rivet nut body. Ensure the hole is clean and free of burrs.
2. **Load the Rivet Nut:** Loosen the handles of the rivet nut gun. Thread the appropriate rivet nut onto the mandrel until it is snug against the nozzle.
3. **Insert into Hole:** Insert the rivet nut, with the gun attached, into the prepared hole in your workpiece.
4. **Rivet the Nut:** Firmly close the handles of the rivet nut gun. This action will compress the rivet nut, causing it to expand and grip the material from the backside, creating a secure thread. Apply steady pressure until the rivet nut is fully set.
5. **Remove the Tool:** Once the rivet nut is set, turn the rotary knob counter-clockwise to unthread the mandrel from the newly installed rivet nut. Remove the gun from the workpiece.

Work Steps



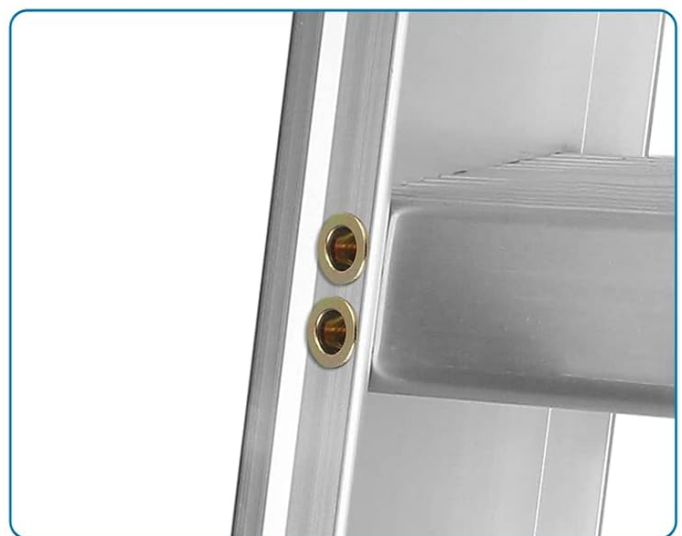
1. Loosen the handle, insert the appropriate nut into the rivet rod and insert the rivet into the hole



2. Close the handle, push down on the top handle to rivet the nut into place



3. Turn the knob counterclockwise to remove the nut gun



4. Done

Figure 4: Step-by-step guide for installing a rivet nut

Proper maintenance ensures the longevity and optimal performance of your rivet nut gun.

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove any dust or debris.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot points and threads of the mandrel to ensure smooth operation.
- **Storage:** Store the rivet nut gun in its original case or a dry, secure location away from moisture and extreme temperatures. Ensure the handles are locked together for compact storage.
- **Inspection:** Regularly inspect the mandrels for wear or damage. Replace worn mandrels to prevent improper rivet nut installation.

7. TROUBLESHOOTING

If you encounter issues while using your rivet nut gun, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Rivet nut not setting properly	Incorrect mandrel size; insufficient pressure applied; worn mandrel.	Ensure mandrel matches rivet nut size. Apply more force to handles. Replace worn mandrel.
Mandrel gets stuck in rivet nut	Mandrel not fully unthreaded; rivet nut over-compressed; dirty threads.	Ensure rotary knob is turned fully counter-clockwise. Avoid excessive force when setting. Clean and lubricate mandrel threads.
Difficulty closing handles (especially for M6)	Larger rivet nuts require more leverage.	Use both hands to apply maximum force. Ensure proper grip and stance.
Rivet nut spins in hole	Hole size too large; rivet nut not fully set.	Ensure correct drill bit size for the rivet nut. Re-set the rivet nut with more pressure.

8. SPECIFICATIONS

Key specifications for the AUTOUTLET 8-inch Rivet Nut Gun:

- **Model:** EFUGT404S
- **Material:** Alloy Steel
- **Fastener Type:** Rivet Nut
- **Compatible Rivet Nut Sizes:** M3, M4, M5, M6
- **Color:** Green
- **Hardness:** 58 HRC (Tool body)
- **Number of Pieces (Set):** 105 (including gun, mandrels, and rivet nuts)
- **Dimensions (Approximate):** 7.87 inches (length) x 5.04 inches (height) x 1.93 inches (width)

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Made of high quality alloy steel with high hardness, strong corrosion resistance, long service life and become more durable.

Compared with the straight handle, the TPR curved handle saves 20% of labor and is ergonomic, which can save your time and effort.

Figure 5: Approximate dimensions of the rivet nut gun

9. WARRANTY AND SUPPORT

AUTOUTLET is committed to providing quality products and excellent after-sales service. For any questions, concerns, or support needs regarding your rivet nut gun, please contact AUTOUTLET customer service through the retailer where the product was purchased. Please retain your proof of purchase for warranty claims.

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.

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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