Truper RE-AC

Truper RE-AC Folding Riveter Instruction Manual

Model: RE-AC

1. Introduction

Thank you for choosing the Truper RE-AC Folding Riveter. This manual provides essential information for the safe and effective use, maintenance, and care of your new tool. Please read these instructions carefully before operating the riveter and keep them for future reference.



Figure 1: The Truper RE-AC Folding Riveter in its operational state. This image provides an overall view of the tool, showcasing its robust construction and design.

2. Product Features

- **Folding Design:** Allows for compact storage and portability.

- **Ergonomic Handle:** Designed for comfortable grip and reduced hand fatigue during prolonged use.
- **Quick-Change Nozzles:** Facilitates easy and tool-free nozzle changes for different rivet sizes.
- **Extended Reach:** When fully extended, the riveter measures approximately 29 inches, providing leverage for efficient riveting.



Figure 2: Close-up view highlighting the ergonomic handle for comfortable operation and the quick-change nozzles, which allow for easy size adjustments without additional tools.



Figure 3: The Truper RE-AC Folding Riveter shown at its full extended length of 29 inches, demonstrating its capability for increased leverage and reach.

3. Safety Information

Always observe basic safety precautions when using hand tools to reduce the risk of injury.

- Wear appropriate personal protective equipment (PPE), including safety glasses, to protect against flying debris.
- Ensure the workpiece is securely clamped or held before riveting.
- Keep hands and fingers clear of moving parts during operation.
- Do not force the tool. Use the correct rivet size and nozzle for the application.
- Store the tool in a dry, secure place, out of reach of children.

4. Setup and Nozzle Selection

The Truper RE-AC Folding Riveter comes with five interchangeable nozzles to accommodate various rivet sizes. Proper nozzle selection is crucial for efficient and secure riveting.



Figure 4: Packaging detail illustrating the five interchangeable nozzles included with the riveter. The available sizes are 2.5mm (3/32"), 3mm (1/8"), 4mm (5/32"), 5mm (3/16"), and 6.5mm (1/4").

4.1 Selecting the Correct Nozzle

1. Identify the diameter of the rivet you intend to use.
2. Select the nozzle that matches the rivet diameter. Using a nozzle that is too large will result in a loose rivet, while a nozzle that is too small will prevent the rivet from seating properly or damage the tool.

4.2 Changing Nozzles

The Truper RE-AC features quick-change nozzles that do not require additional tools.

1. Ensure the riveter is in a closed position and free of any rivets.
2. Unscrew the current nozzle by hand.
3. Screw the desired nozzle firmly into place by hand. Do not overtighten.

5. Operating Instructions

Follow these steps to effectively use your Truper RE-AC Folding Riveter:

1. **Prepare the Workpiece:** Drill a hole through the materials to be joined. The hole diameter should match the rivet diameter.
2. **Select and Install Nozzle:** As described in Section 4, choose the correct nozzle for your rivet size and install it securely.
3. **Insert Rivet:** Insert the rivet's mandrel (the pin) into the nozzle of the riveter. The rivet body should rest against the nozzle.
4. **Position Rivet:** Place the rivet into the prepared hole in your workpiece. Ensure the rivet head is flush against the material.
5. **Operate Riveter:** Firmly squeeze the handles of the riveter together. This action pulls the mandrel through the rivet body, causing the rivet to expand and form a secure joint on the blind side of the material.
6. **Complete Riveting:** Continue squeezing the handles until the mandrel snaps off. The broken mandrel will fall out of the back of the riveter or can be removed.
7. **Inspect Joint:** Verify that the rivet is securely set and the joint is firm.

6. Maintenance and Care

Regular maintenance ensures the longevity and optimal performance of your riveter.

- **Cleaning:** After each use, wipe down the riveter 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 moving parts to ensure smooth operation.
- **Nozzle Inspection:** Regularly check the nozzles for wear or damage. Replace worn nozzles to maintain riveting quality.
- **Storage:** Store the riveter in its folded position in a dry environment to prevent rust and damage.

7. Troubleshooting

If you encounter issues while using your riveter, consider the following common problems and solutions:

- **Rivet not setting properly:**
  - Ensure the correct nozzle size is used for the rivet.
  - Apply sufficient force when squeezing the handles.
  - Check if the rivet is defective.
- **Mandrel not breaking off:**

- Ensure the correct nozzle size is used.
- Apply more force to the handles.
- The rivet or mandrel might be too hard for the tool's capacity.

- **Handles are stiff or difficult to operate:**
  - Lubricate the pivot points as described in the Maintenance section.
  - Check for any obstructions in the mechanism.

8. Specifications

Attribute	Detail
Brand	Truper
Model Number	RE-AC
Item Weight	3.7 pounds
Product Dimensions	12.83 x 3.86 x 7.87 inches (folded)
Extended Length	Approximately 29 inches
Nozzle Sizes Included	2.5mm (3/32"), 3mm (1/8"), 4mm (5/32"), 5mm (3/16"), 6.5mm (1/4")
Batteries Required	No

9. Warranty

The Truper RE-AC Folding Riveter is backed by a **10-Year Warranty** against manufacturing defects. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation included with your product or contact Truper customer support.

10. Customer Support

If you have any questions, require assistance, or need to make a warranty claim, please contact Truper customer support. Visit the official Truper website for contact information and additional resources.

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