

LIBRATON 919007

LIBRATON 9.5" One-Handed Rivet Nut Tool

Model: 919007 - Instruction Manual

1. PRODUCT OVERVIEW

The LIBRATON 9.5" One-Handed Rivet Nut Tool is designed for efficient and reliable installation of threaded rivet nuts in various materials. This heavy-duty tool kit includes a rivet nut gun, a comprehensive set of interchangeable mandrels, and a variety of rivet nuts, all organized in a durable carrying case.

Key Features:

- **Complete Kit:** Includes rivet nut gun, 8 interchangeable mandrels (M3, M4, M5, M6, 6-32", 8-32", 10-24", 1/4-20"), and 80 threaded rivet nuts (10 of each size).
- **Durable Construction:** Made from aluminum alloy die-casting with a glossy spraying surface for long-lasting performance.
- **Ergonomic Design:** Features an ergonomic handle with larger leverage for force-saving operation and a thickened TPR coating for shockproof, comfortable use.
- **Wide Application:** Suitable for automotive body panels, sheet metal, plastic parts, riveted wood, furniture, and decorative items.
- **Easy Operation:** Simple installation and removal of mandrels and rivet nuts.



Image 1.1: The LIBRATON 9.5" One-Handed Rivet Nut Tool kit, showcasing the tool, mandrels, and rivet nuts.

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Video 1.1: An overview of the LIBRATON One-Handed Rivet Nut Gun, demonstrating its features and ease of use.

2. PACKAGE CONTENTS

Please verify that all items listed below are present in your kit:

- 1 x LIBRATON 9.5" One-Handed Rivet Nut Tool
- 8 x Interchangeable Mandrels: M3, M4, M5, M6, 6-32", 8-32", 10-24", 1/4-20"
- 80 x Threaded Rivet Nuts (10 of each size: M3, M4, M5, M6, 6-32", 8-32", 10-24", 1/4-20")
- 1 x Blow-Molded Storage Case

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9.5 Inch Nut Rivet Tool Set



Image 2.1: Close-up of the LIBRATON Rivet Nut Tool highlighting its ergonomic handle and one-handed operation.

3. SAFETY INFORMATION

Always follow basic safety precautions when using hand tools to reduce the risk of injury:

- Wear appropriate personal protective equipment, including safety glasses, to protect against flying debris.
- Ensure the workpiece is securely clamped or held before riveting.
- Do not use the tool if it is damaged or malfunctioning.
- Keep hands and fingers clear of moving parts during operation.
- Store the tool and accessories in the provided case when not in use to prevent damage and maintain organization.
- Keep out of reach of children.

4. SETUP AND MANDREL INSTALLATION

Before using the rivet nut tool, select the correct mandrel and nosepiece size that matches your rivet nut. The

kit includes both metric (M3, M4, M5, M6) and SAE (6-32", 8-32", 10-24", 1/4-20") sizes.

Steps for Mandrel and Nosepiece Installation:

1. Identify the correct mandrel and nosepiece size for your rivet nut.
2. Unscrew the existing mandrel (if any) from the tool by rotating the knob at the rear of the tool counter-clockwise.
3. Insert the desired mandrel into the front of the tool.
4. Screw the mandrel clockwise until it is finger-tight.
5. Attach the corresponding nosepiece to the end of the mandrel. Ensure it is securely fastened.



Image 4.1: Illustration of the various metric and SAE mandrels and nosepieces included in the kit.

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1 Install the mandrel.



2 Install the nosepiece.



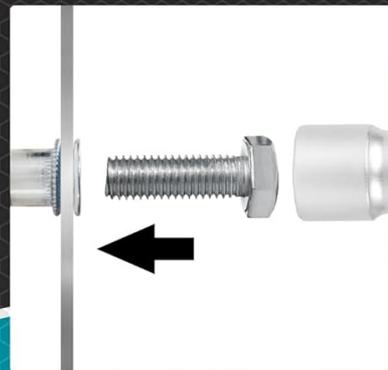
3 Screw the rivet nut.



4 Squeeze the handle.



5 Unscrew the mandrel.



6 Finished

Image 4.2: Visual guide for installing the mandrel into the rivet nut tool.

5. OPERATING INSTRUCTIONS

Follow these steps to properly install a rivet nut using your LIBRATON tool:

- 1. Prepare the Hole:** Drill a hole in your workpiece that is slightly larger than the diameter of the rivet nut body, ensuring a snug fit.
- 2. Install the Mandrel:** As described in Section 4, ensure the correct mandrel and nosepiece are installed.
- 3. Screw the Rivet Nut:** Thread the rivet nut onto the mandrel until it is fully seated against the nosepiece.
- 4. Insert into Workpiece:** Insert the rivet nut and mandrel assembly into the prepared hole in your workpiece.
- 5. Squeeze the Handle:** Firmly squeeze the handles of the tool together. This action will compress the rivet nut, forming a secure threaded insert in the material. Continue squeezing until resistance is felt and the rivet nut is fully set.
- 6. Unscrew the Mandrel:** Once the rivet nut is set, rotate the knob at the rear of the tool counter-clockwise to unscrew the mandrel from the newly installed rivet nut.
- 7. Finished:** The rivet nut is now securely installed, providing a strong internal thread for fastening.

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9.5 Inch Nut Rivet Tool Set

Premium Blow Molded Box

Easy to organize and store the handle on the box makes it easy to carry the tool with you.

SAE

*40pcs



METRIC

*40pcs

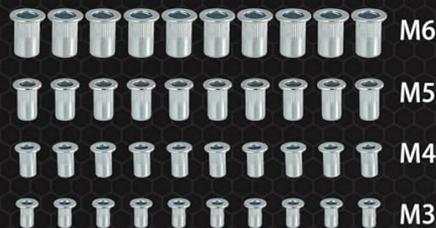


Image 5.1: A visual step-by-step guide demonstrating the operation of the rivet nut tool.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your LIBRATON Rivet Nut Tool:

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove any dust, debris, or residue.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot points and threaded parts of the mandrels to ensure smooth operation.
- **Inspection:** Regularly inspect mandrels and nosepieces for wear or damage. Replace worn components to maintain proper riveting performance.
- **Storage:** Store the tool and all accessories in the provided blow-molded case in a dry, clean environment to protect them from moisture and impact. Utilize the safety lock on the tool handles for secure storage.



Image 6.1: The LIBRATON Rivet Nut Tool in action, demonstrating its application in a metal frame.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Rivet nut does not set properly.	Incorrect mandrel/nosepiece size; insufficient squeezing force; worn mandrel.	Ensure correct mandrel/nosepiece for rivet nut size. Apply more force. Inspect and replace mandrel if worn.
Mandrel gets stuck in the rivet nut.	Rivet nut over-compressed; mandrel not lubricated; incorrect unscrewing direction.	Do not over-compress. Lubricate mandrel threads. Ensure you are rotating the knob counter-clockwise to unscrew.
Tool handles are stiff or difficult to operate.	Lack of lubrication; debris in pivot points.	Clean and lubricate all pivot points and moving parts.

8. SPECIFICATIONS

Feature	Detail
Brand	LIBRATON
Model Number	919007
Tool Length	9.5 inches
Material	Aluminum Alloy Die-Casting
Handle Coating	Thickened TPR
Mandrel Sizes (Metric)	M3, M4, M5, M6
Mandrel Sizes (SAE)	6-32", 8-32", 10-24", 1/4-20"
Included Rivet Nuts	80 pieces (10 of each size)
Item Weight	3.33 pounds
Package Dimensions	10.75 x 7.24 x 2.24 inches

9. WARRANTY AND SUPPORT

LIBRATON products are manufactured to high-quality standards. For warranty information, product support, or to inquire about replacement parts, please contact LIBRATON customer service through the retailer where the product was purchased or visit the official LIBRATON website.

Please retain your proof of purchase for any warranty claims.