

LIBRATON 919002

LIBRATON Heavy Duty Rivet Gun Instruction Manual

Model: 919002

1. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating this tool. Failure to follow the warnings and instructions may result in serious injury.

- **Wear Eye Protection:** Always wear ANSI-approved safety goggles or safety glasses with side shields when operating this tool.
- **Wear Hand Protection:** Use appropriate gloves to protect hands from sharp edges and pinch points.
- **Keep Work Area Clean:** Cluttered work areas and benches invite injuries.
- **Keep Children Away:** Do not let children handle the tool.
- **Use the Right Tool:** Do not force the tool or attachment to do a job for which it was not designed.
- **Inspect Tool Before Use:** 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.
- **Secure Workpiece:** Always secure the material being riveted to prevent movement during operation.
- **Avoid Pinch Points:** Keep fingers and other body parts clear of the tool's jaws and handles during operation.

2. PRODUCT OVERVIEW

The LIBRATON Heavy Duty Rivet Gun is a professional hand riveter designed for various fastening applications. It features a durable aluminum die-casting body and heat-treated alloy steel components for extended service life. The ergonomic design with a TPR soft rubber handle reduces user fatigue.

2.1 Components Included

- 1 x LIBRATON Heavy Duty Rivet Gun
- 1 x Mini Wrench (for nosepiece changes and rivet size identification)

- 25 x 3/32" (2.4mm) Aluminum Rivets
- 25 x 1/8" (3.2mm) Aluminum Rivets
- 25 x 5/32" (4.0mm) Aluminum Rivets
- 25 x 3/16" (4.8mm) Aluminum Rivets
- 4 x HSS Drill Bits (one for each rivet size)
- 1 x Blow-Molded Carrying Case

2.2 Key Features

- **Durable Construction:** Lightweight aluminum die-casting body with 35Cr-Mo steel claw piece and heat-treated alloy steel structural parts.
- **Ergonomic Design:** Larger lever ratio for 25% less grip strength required, and TPR soft rubber handles for comfort.
- **Versatile:** Four replaceable electroplated nosepieces for 3/32" (2.4mm), 1/8" (3.2mm), 5/32" (4.0mm), and 3/16" (4.8mm) rivets.
- **Integrated Wrench:** Mini wrench with test holes for easy nosepiece removal and rivet size identification.
- **Wide Application:** Suitable for riveting metals and heavy fabrics in construction, automotive, marine, aviation, machinery, and furniture applications.

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Heavy Duty Rivet Tool Set

Aluminum Die-cast
Long Lasting

Reasonable Lever Design
25% Focus Saving

TPR Handle
Avoid Long-term Fatigue

Mini Wrench
Measuring Rivet Size



Image: Overview of the LIBRATON Heavy Duty Rivet Gun highlighting its aluminum die-cast body, ergonomic lever design, TPR handle, and integrated mini wrench.

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Heavy Duty Rivet Tool Set

Electroplating
Nosepiece

Rivets

4.8x25PCS

2.4x25PCS

3.2x25PCS

4.0x25PCS

4 Nosepieces With **100** Rivets
Comes With **4** HSS Drill Bits

Drill Bits



Image: Detailed view of the included nosepieces, rivets, and HSS drill bits, illustrating the comprehensive kit.

3. SETUP AND OPERATION

Follow these steps for proper setup and operation of your LIBRATON Heavy Duty Rivet Gun.

3.1 Changing Nosepieces

1. Ensure the rivet gun handles are closed.
2. Use the provided mini wrench to unscrew the current nosepiece from the head of the rivet gun.
3. Select the appropriate nosepiece size that matches the diameter of the rivet you intend to use. The mini wrench has test holes to help identify rivet sizes.
4. Screw the new nosepiece firmly into place using the mini wrench.

3.2 Riveting Procedure

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Note: Keep handle closed when changing nosepiece.



1 Drill a hole the same size as the rivet diameter.



2 Select the correct size nosepiece in accordance with rivet diameter.



3 Insert the rivet after opening the riveter handle.



4 Place the rivet in the hole and squeeze the handle to pull and cut off the excess mandrel.

Image: Step-by-step visual instructions for operating the rivet gun, from drilling to setting the rivet.

- 1. Drill a Hole:** Using an appropriate HSS drill bit (included), drill a hole in the material that is the same size as the rivet diameter. Ensure the hole is clean and free of burrs.
- 2. Select Nosepiece:** Choose the correct nosepiece size that corresponds to the rivet diameter. Attach it to the rivet gun as described in Section 3.1.
- 3. Insert Rivet:** Open the riveter handles completely and insert the rivet mandrel into the nosepiece.
- 4. Position and Squeeze:** Place the rivet head firmly against the material. Squeeze the handles together with steady pressure. The rivet gun will pull the mandrel, expanding the rivet and securing the materials. Continue squeezing until the rivet mandrel snaps off.
- 5. Release and Repeat:** Release the handles. The broken mandrel will typically fall out. If not, refer to the Troubleshooting section.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your rivet 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 moving parts to ensure smooth operation.
- **Nosepiece Inspection:** Regularly inspect nosepieces for wear or damage. Replace worn nosepieces to ensure proper riveting.
- **Storage:** Store the rivet gun and its accessories in the provided blow-molded case in a dry, clean environment away from direct sunlight and extreme temperatures.

5. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

5.1 Stuck Rivet Mandrel

Problem: The cut rivet mandrel does not drain out of the rivet gun after operation.

Cause: This can occur if a rivet of a different size from the installed nosepiece was used, or if debris has accumulated inside the tool.

Solution:

1. Ensure the handles are fully opened.
2. Locate the cut shaft removal nozzle (if included in your set) or use a thin, sturdy wire.
3. Insert the removal nozzle or wire into the nosepiece opening and gently push the stuck mandrel out from the back.
4. Always ensure the correct nosepiece is used for the rivet size to prevent this issue.



**Cut Shaft
Removal
Nozzle**

Q: No cut shaft drain out?

A:

(The cut shaft might be stuck inside the riveter if using a rivet of the different size from the nozzle.)

There is a cut shaft removal nozzle included in the new version set. The removal nozzle can help to drain out the cut shaft quickly.

Image: Illustration of the cut shaft removal nozzle and its function in clearing stuck mandrels from the rivet gun.

5.2 Rivet Not Setting Properly

Problem: The rivet does not fully expand or secure the materials, or the mandrel does not snap off cleanly.

Cause: Incorrect nosepiece size, insufficient squeezing force, or a defective rivet.

Solution:

- Verify that the correct nosepiece size is installed for the rivet being used.
- Apply firm and consistent pressure when squeezing the handles.
- Inspect the rivet for any manufacturing defects before use.
- Ensure the material thickness is within the rivet's capacity.

6. SPECIFICATIONS

Feature	Specification
Brand	LIBRATON
Model Number	919002
Body Material	Aluminum Die-casting
Claw Piece Material	35Cr-Mo Steel
Nosepiece Sizes Included	3/32" (2.4mm), 1/8" (3.2mm), 5/32" (4.0mm), 3/16" (4.8mm)
Compatible Rivet Materials	Aluminum, Steel (Note: 3/16" (4.8mm) nosepiece is not compatible with Stainless Steel rivets)
Item Weight	1.04 kg
Parcel Dimensions	33.2 x 15.7 x 4.39 cm
Date First Available	August 13, 2022

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Heavy Duty Rivet Tool Set



	3/32"(2.4mm)	1/8"(3.2mm)	5/32"(4.0mm)	3/16"(4.8mm)
Aluminium Rivet	✓	✓	✓	✓
Stainless Steel Rivet	✓	✓	✓	✗

Image: Rivet compatibility chart indicating which rivet sizes work with aluminum and stainless steel.

7. WARRANTY AND SUPPORT

Specific warranty information is not provided in this manual. For warranty details, product support, or to purchase replacement parts, please refer to the official LIBRATON website or contact LIBRATON customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the [LIBRATON Store on Amazon](#).

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