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WilTec B07P57GGR2

WilTec Blind Rivet Gun Instruction Manual

Model: B07P57GGR2

1. PRODUCT OVERVIEW

Thank you for choosing the WilTec Blind Rivet Gun. This tool is designed for securely joining materials using blind rivets. Its robust aluminum construction and ergonomic design ensure durability and ease of use for various fastening tasks.

Key Features:

- Durable aluminum construction for long-lasting performance.
- Long handles provide optimal leverage, reducing effort during operation.
- High durability and stability for reliable fastening.
- Includes a set of interchangeable nozzles to accommodate various rivet sizes.
- Comes with a 150-piece assortment of aluminum blind rivets.



Figure 1: The WiTec Blind Rivet Gun, showing its overall dimensions and the included rivet assortment. The tool features long handles for leverage and a robust head for rivet setting.

2. SETUP AND NOZZLE INSTALLATION

Before using the rivet gun, ensure the correct nozzle is installed for the size of rivet you intend to use. The kit includes multiple interchangeable nozzles.

Steps for Nozzle Installation:

1. **Select the correct nozzle:** Choose a nozzle that matches the diameter of the rivet you will be using. The nozzle sizes are typically marked on the nozzles themselves (e.g., 3.2mm, 4.0mm, 4.8mm, 6.0mm, 6.4mm).
2. **Unscrew the current nozzle:** If a nozzle is already installed, turn it counter-clockwise to remove it from the rivet gun head.
3. **Screw in the new nozzle:** Take the selected nozzle and screw it clockwise into the head of the rivet gun until it is finger-tight. Ensure it is securely fastened to prevent loosening during operation.



Figure 2: A selection of interchangeable nozzles for the rivet gun, showing various sizes (3.2mm, 4.0mm, 4.8mm, 6.0mm, 6.4mm) and the M10x1.25 thread for attachment.

3. OPERATING INSTRUCTIONS

Follow these steps to properly use your WiTec Blind Rivet Gun for secure fastening.

1. **Prepare materials:** Drill a hole through the materials to be joined. The hole diameter should match the rivet diameter.
2. **Insert rivet:** Place the rivet through the prepared holes in the materials.
3. **Load rivet into gun:** Insert the mandrel (the thin pin) of the rivet into the nozzle of the rivet gun until it is fully seated.
4. **Position the gun:** Place the head of the rivet gun firmly against the material surface, ensuring the rivet head is flush against the material.
5. **Operate the handles:** Squeeze the handles of the rivet gun together firmly and steadily. You will feel resistance as the rivet deforms and secures the materials. Continue squeezing until the rivet's mandrel snaps off.
6. **Release and repeat:** Release the handles. The broken mandrel will fall out of the gun. If it doesn't, gently shake the tool or open the handles fully to eject it. The tool is now ready for the next rivet.



Figure 3: A close-up view of the rivet gun's head and nozzle, where the rivet mandrel is inserted for operation.

Safety Note: Always wear appropriate safety glasses when operating the rivet gun to protect against flying debris from the snapping mandrel.

4. MAINTENANCE

Proper 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 moving parts and pivot points to ensure smooth operation.
- **Nozzle inspection:** Regularly check the nozzles for wear or damage. Replace any worn nozzles to ensure proper rivet setting.
- **Storage:** Store the rivet gun in a dry place, away from moisture and extreme temperatures, to prevent corrosion.

5. TROUBLESHOOTING

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

- **Rivet mandrel does not snap off:**

- Ensure the correct nozzle size is used for the rivet.
- Apply more force when squeezing the handles.
- Check if the rivet is fully inserted into the nozzle.
- Inspect the rivet gun's internal mechanism for obstructions or wear.

- **Rivet does not set properly (loose rivet):**

- Verify that the hole drilled in the material is the correct size for the rivet.
- Ensure the rivet gun head is held firmly against the material during operation.
- Check for worn or damaged nozzles.

- **Mandrel gets stuck in the gun:**

- Fully open the handles after setting a rivet to allow the mandrel to drop out.
- Gently shake the tool or tap it to dislodge the mandrel.
- Lubricate the internal gripping mechanism if it feels stiff.

6. SPECIFICATIONS

Detailed technical specifications for the WilTec Blind Rivet Gun.

| | |
|--|---|
| Brand | WilTec |
| Model Number | B07P57GGR2 |
| Material | Aluminum |
| Product Dimensions (L x W) | 45L x 37B centimeters (approx. 190-680mm length, 290-445mm handle spread) |
| Color | Red, Black, Silver-colored |
| Handle Material | Aluminum |
| Item Weight | 1.78 Kilograms |
| Specific Product Use | Connecting, Riveting |
| Grip Type | Ergonomic |
| Cutting Width (Nozzle Diameter Range) | Up to 6.4 Millimeters (various nozzle sizes included) |
| Set Contents | Rivet gun, multiple nozzles, 150-piece aluminum blind rivet assortment |

7. WARRANTY AND SUPPORT

Information regarding product warranty and customer support is typically provided with your purchase documentation or can be found on the manufacturer's official website. Please refer to those resources for specific details.

For further assistance, you may contact WilTec customer service through their official channels.

