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PROXXON 23937

PROXXON 23937 slimLine Ring Spanner 41 mm Instruction Manual

1. PRODUCT OVERVIEW

The PROXXON 23937 slimLine Ring Spanner is a high-quality hand tool designed for tightening and loosening fasteners. This specific model features a 41 mm size, suitable for corresponding nuts and bolts. Its slimLine design allows for access in confined spaces, while the alloy steel construction ensures durability and strength.



Image of the PROXXON 23937 slimLine Ring Spanner, 41 mm size, in blue.

2. SAFETY INFORMATION

Always observe the following safety precautions when using hand tools:

- **Wear appropriate personal protective equipment:** Always wear safety glasses to protect against flying debris.
- **Select the correct tool size:** Ensure the spanner size matches the fastener exactly to prevent slipping and damage to both the tool and the fastener.
- **Inspect the tool before use:** Check for any signs of wear, cracks, or damage. Do not use a damaged tool.
- **Maintain a firm grip:** Hold the spanner securely to prevent it from slipping off the fastener.
- **Apply steady force:** Avoid sudden jerking motions. Apply force gradually and steadily.
- **Do not extend the handle:** Never use a pipe or other extension on the spanner handle to increase leverage, as this can overload the tool and cause it to break.
- **Keep work area clear:** Ensure your work area is well-lit and free from obstructions.

3. SETUP

The PROXXON 23937 slimLine Ring Spanner requires no assembly or complex setup. It is ready for immediate use upon removal from its packaging. Before first use, ensure the spanner is clean and free from any manufacturing residues or packaging materials.

4. OPERATING INSTRUCTIONS

Follow these steps for effective and safe use of your ring spanner:

1. **Identify Fastener Size:** Determine the exact size of the nut or bolt you intend to work on.
2. **Select Correct Spanner:** Choose the PROXXON 23937 (41 mm) spanner if the fastener matches this size. Using an incorrect size can round off the fastener or cause the spanner to slip.
3. **Position the Spanner:** Place the ring end of the spanner fully onto the fastener. Ensure it is seated completely and squarely. The ring end provides a secure grip on all sides of the fastener.
4. **Apply Force:** For tightening, turn the spanner clockwise. For loosening, turn counter-clockwise. Apply steady, firm pressure. Position yourself to pull the spanner towards you rather than pushing away, which provides better control and reduces the risk of injury if the spanner slips.
5. **Avoid Over-tightening:** Tighten fasteners only to the required torque specifications. Over-tightening can damage the fastener or the component it secures.

5. MAINTENANCE

Proper maintenance will extend the life of your PROXXON spanner:

- **Cleaning:** After each use, wipe the spanner clean with a dry cloth to remove dirt, grease, and grime. For stubborn dirt, use a mild solvent and then dry thoroughly.
- **Lubrication:** Periodically apply a light coat of rust-preventative oil to the spanner, especially if storing it in a humid environment.
- **Storage:** Store the spanner in a dry place, away from moisture and corrosive chemicals. A tool roll or box is ideal to protect it from impact and prevent loss.
- **Inspection:** Regularly inspect the spanner for any signs of wear, such as rounded edges on the ring, cracks, or bending. Replace the tool if any significant damage is observed.

6. TROUBLESHOOTING

While a simple tool, some issues may arise:

- **Spanner slips off fastener:** Ensure the spanner is the correct size for the fastener and is fully seated. The fastener might be worn or rounded; consider using a different type of tool if the spanner cannot get a secure grip.
- **Fastener is stuck:** If a fastener is seized, apply penetrating oil and allow it to soak. Avoid excessive force, which can damage the tool or fastener.
- **Tool feels uncomfortable or causes strain:** Ensure you are using proper body mechanics. Position yourself to apply force efficiently and safely.

7. SPECIFICATIONS

Brand	PROXXON
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Model	23937
Size	41 mm
Material	Alloy steel
Item Weight	1.24 Kilograms
Head Style	Box end
Finish Type	Polished
Operating Mode	Mechanical
Country of Origin	Taiwan
GTIN	04006274239371

8. WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your PROXXON 23937 slimLine Ring Spanner, please refer to the documentation provided with your purchase or contact PROXXON customer service directly. Details can typically be found on the manufacturer's official website or product packaging.