

Stahlwille 730/40 QUICK

STAHLWILLE No. 730/40 Quick Torque Wrench Instruction Manual

Model: 730/40 QUICK

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your STAHLWILLE No. 730/40 Quick Torque Wrench. This robust, low-maintenance mechanical torque wrench is designed for controlled screw tightening applications, ensuring precision and reliability. Please read these instructions thoroughly before operating the tool.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment, such as safety glasses, when using the torque wrench.
- Ensure the workpiece is securely fastened before applying torque.
- Do not exceed the maximum torque capacity of the wrench (400 N·m / 300 ft·lb).
- Avoid dropping or subjecting the wrench to severe impacts, as this can affect its accuracy.
- Keep the wrench clean and free from grease or oil to maintain a secure grip.
- Store the wrench in a dry, protected environment when not in use.

3. PRODUCT OVERVIEW

The STAHLWILLE No. 730/40 is a high-quality mechanical torque wrench featuring a double scale for both Newton meters (N·m) and foot-pounds (ft·lb). It is equipped with a 14x18mm tool holder for interchangeable plug-in tools and a QuickRelease safety lock mechanism.



Figure 1: Overall view of the STAHLWILLE No. 730/40 Quick Torque Wrench, showing its robust construction and scale window.

A key feature of this wrench is its durable, low-wear trigger system with a bending rod, which eliminates the need to reset the wrench to '0' after use. The measuring element is only loaded during the actual tightening process, contributing to its longevity and consistent accuracy.

4. SETUP

Before using the torque wrench, ensure the correct interchangeable plug-in tool is securely attached to the 14x18mm tool holder. The QuickRelease safety lock ensures a firm connection.



Figure 2: Front view of the torque wrench, highlighting the 14x18mm tool holder for interchangeable plug-in tools.

5. OPERATING INSTRUCTIONS

5.1 Setting the Torque Value

1. Locate the clamping lever on the handle of the wrench.
2. Lift the clamping lever to unlock the adjustment mechanism.
3. Rotate the handle to adjust the desired torque value. The double scale allows for precise setting in both N·m and ft·lb.
4. Once the desired torque is set, push the clamping lever back down to lock the setting. This 'flash adjustment' ensures quick and secure setting.

5.2 Using the Wrench

1. Position the wrench and attached tool onto the fastener.
2. Apply steady, increasing force to the handle.
3. Continue applying force until you feel a clear haptic (tactile) signal and hear an audible 'click'. This indicates that the preset torque value has been reached.
4. Immediately stop applying force once the click is felt and heard.
5. Due to the unique triggering mechanism, there is no need to reset the wrench to '0' after each use or for storage.



Figure 3: A user applying torque to a fastener with the STAHLWILLE wrench.



Figure 4: The torque wrench being used in an industrial setting, demonstrating its application.



Figure 5: A close-up view of the wrench in operation, showing the user's grip and the tool's position.

6. MAINTENANCE

- **Cleaning:** Wipe the wrench clean with a soft, dry cloth after each use. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the torque wrench in its protective case or a designated dry place to prevent damage and corrosion.
- **Calibration:** Torque wrenches are precision instruments and require periodic calibration to maintain accuracy. Refer to local standards or manufacturer recommendations for calibration intervals.
- **Inspection:** Regularly inspect the wrench for any signs of damage, wear, or loose components. Do not use a damaged wrench.

7. TROUBLESHOOTING

- **Wrench not clicking:** Ensure the torque setting is above the minimum range. If the issue persists, the wrench may require calibration or service.
- **Inconsistent torque readings:** This can be caused by improper technique (e.g., jerky movements), worn components, or a need for calibration. Ensure steady force application.
- **Difficulty adjusting torque:** Check if the clamping lever is fully disengaged. If the mechanism feels stiff, ensure it is clean and free of debris. Do not force the adjustment.

For issues not resolved by these steps, contact STAHLWILLE customer support or an authorized service center.

8. SPECIFICATIONS

Specification	Detail
Brand	Stahlwille
Model Number	730/40 QUICK
Material	Alloy Steel
Item Weight	1.72 Kilograms (3.78 pounds)
Item Torque Range	80 – 400 N·m / 60 – 300 ft·lb
Operation Mode	Mechanical
Tool Holder Style	14 x 18 mm for Insertion Tools
Product Dimensions	23.31 x 1.57 x 1.38 inches
Head Style	Hex

9. WARRANTY AND SUPPORT

For warranty information, service, or technical support, please refer to the documentation provided with your purchase or visit the official STAHLWILLE website. Keep your proof of purchase for any warranty claims.

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

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Email

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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