

Stahlwille 96025206

STAHLWILLE 45A/14/8QRKN (3/8SQ) Socket Wrench Set User Manual

Model: 96025206

INTRODUCTION

This manual provides essential instructions for the safe and effective use, maintenance, and care of your STAHLWILLE 45A/14/8QRKN (3/8SQ) Socket Wrench Set. Please read this manual thoroughly before using the product and retain it for future reference. Proper use ensures optimal performance and extends the lifespan of your tools.

SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in injury or damage to the tools.

- Always wear appropriate personal protective equipment (PPE), such as safety glasses, when using hand tools.
- Ensure the correct size socket is used for the fastener to prevent rounding or slippage.
- Do not use damaged or worn tools. Inspect tools before each use.
- Do not use extension handles or "cheater bars" on wrenches unless specifically designed for such use, as this can overload the tool and cause breakage.
- Keep tools clean and free from grease or oil to ensure a secure grip.
- Store tools in a dry, secure place, out of reach of children.
- Do not use tools near live electrical circuits.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged. If any items are missing or damaged, please contact your retailer.



Image: The STAHLWILLE 45A/14/8QRKN (3/8SQ) Socket Wrench Set, showing various sockets, a ratchet handle, extensions, and other accessories typically included in the set.

Your STAHLWILLE 45A/14/8QRKN (3/8SQ) Socket Wrench Set (Model 96025206) typically includes:

- 3/8 inch Square Drive Ratchet Handle
- Various 3/8 inch Square Drive Sockets (metric sizes)
- Extension Bars
- Universal Joint
- Sliding T-Handle
- Storage Case

Note: The exact number and sizes of sockets and accessories may vary slightly depending on the specific configuration of the 45A/14/8QRKN set. Refer to your product packaging for a precise list.

SETUP

The STAHLWILLE Socket Wrench Set is designed for immediate use. No assembly is required for the individual tools. Follow these steps to prepare for operation:

1. **Unpack:** Carefully remove all components from the storage case.
2. **Inspect:** Visually inspect each tool for any signs of damage or manufacturing defects. Do not use damaged tools.
3. **Select Components:** Choose the appropriate socket size for the fastener you intend to work with.
4. **Attach Socket:** Press the selected socket onto the square drive of the ratchet handle or extension bar until it clicks securely into place. Ensure it is fully seated.

5. **Attach Extension (if needed):** If additional reach is required, attach an extension bar between the ratchet handle and the socket. Ensure secure connection.

OPERATING INSTRUCTIONS

Follow these guidelines for effective and safe operation of your socket wrench set:

1. **Fastener Preparation:** Ensure the fastener (nut or bolt head) is clean and free of debris.
2. **Socket Engagement:** Place the socket squarely over the fastener. Ensure it is fully engaged and not at an angle.
3. **Ratchet Direction:** Use the directional switch on the ratchet head to select the desired rotation (tightening or loosening).
4. **Applying Force:** Apply steady, controlled force to the ratchet handle. Avoid sudden jerks or excessive force, which can damage the fastener or the tool. For tightening, refer to manufacturer's torque specifications if available.
5. **Removing Socket:** To remove a socket, press the quick-release button (if present) on the ratchet head or extension, and pull the socket off.

Using Extension Bars and Universal Joints

- **Extension Bars:** Use extension bars to reach fasteners in recessed areas. Always ensure the extension is securely attached to both the ratchet and the socket.
- **Universal Joints:** Universal joints allow for angular access to fasteners. Use them when a straight approach is not possible. Be aware that using a universal joint can reduce the effective torque applied and may require more careful handling to prevent rounding the fastener.

MAINTENANCE

Proper maintenance ensures the longevity and reliability of your STAHLWILLE tools.

- **Cleaning:** After each use, wipe down tools with a clean, dry cloth to remove dirt, grease, and moisture. For stubborn grime, a mild solvent or degreaser can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a small amount of light machine oil to the moving parts of the ratchet mechanism to ensure smooth operation. Avoid over-lubrication.
- **Storage:** Store the socket wrench set in its original case or a suitable tool box in a dry environment to prevent rust and corrosion. Keep tools organized to easily identify missing or damaged components.
- **Inspection:** Regularly inspect sockets for cracks, wear, or deformation. Check ratchet teeth for wear or damage. Replace any damaged tools immediately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Socket slips on fastener	Incorrect socket size; Worn socket; Rounded fastener head	Ensure correct socket size; Replace worn socket; Use a specialized fastener extractor if fastener is rounded.
Ratchet mechanism jams or feels rough	Lack of lubrication; Dirt or debris inside mechanism; Worn internal components	Clean and lubricate the ratchet mechanism; If problem persists, the ratchet may require professional service or replacement.
Socket difficult to attach/detach	Dirt or corrosion on square drive; Quick-release button malfunction	Clean the square drive and socket opening; Apply a small amount of lubricant; Inspect quick-release button for damage.

SPECIFICATIONS

Brand	Stahlwille
Model Number	96025206
Product Dimensions	45 x 20 x 5 cm
Item Weight	3.97 Kilograms
Quantity	1 Set
Batteries Included	No
ASIN	B01FC5IUNG
Date First Available	August 20, 2021

WARRANTY AND SUPPORT

STAHLWILLE products are manufactured to high-quality standards and are designed for durability. For specific warranty information, please refer to the documentation included with your purchase or visit the official STAHLWILLE website.

For technical support, spare parts, or service inquiries, please contact your authorized STAHLWILLE dealer or the customer service department in your region. When contacting support, please have your product model number (96025206) and purchase details ready.

Note: Warranty terms and conditions may vary by region and retailer.

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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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