SK 91844

SK Hand Tool 91844 Socket Set User Manual

Model: 91844
Brand: SK

Product Overview

The SK Hand Tool 44-Piece 1/4 In. Drive 6-Point Fractional/Metric Socket Set is designed for durability and performance in various working environments. This comprehensive set features a SuperKrome finish for enhanced corrosion resistance and the SureGrip hex design to prevent fastener edge breakage. It includes a pro ratchet, extensions, and a wide range of standard and deep sockets in both fractional and metric sizes, all conveniently organized in a molded plastic case.



Image: The SK Hand Tool 91844 Socket Set, showcasing the green molded plastic case and all 44 individual socket components, including the ratchet and extensions, laid out for clear visibility.

Package Contents

Upon opening the molded plastic case, verify that all components are present:

- 1 x 4-1/2-inch Pro Ratchet
- 1 x 2-inch Extension
- 1 x 6-inch Extension
- 23 x Standard Sockets (Fractional: 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16 inch; Metric: 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 mm)
- 18 x Deep Sockets (Fractional: 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16 inch; Metric: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 mm)

Setup and Assembly

The SK Hand Tool 91844 Socket Set comes pre-assembled in its molded plastic case. No complex assembly is required. Simply open the case to access the tools.

Identifying Components:

- **Ratchet:** The primary tool for turning sockets. It features a directional switch for tightening or loosening.
- **Extensions:** Used to extend the reach of the ratchet, allowing access to fasteners in recessed areas.
- **Standard Sockets:** Shorter sockets for general use.
- **Deep Sockets:** Longer sockets designed for fasteners on long bolts or in deep recesses.

Operating Instructions

Using the Ratchet and Sockets:

1. **Select the Correct Socket:** Choose the appropriate size (fractional or metric) and type (standard or deep) of socket that precisely fits the fastener. A snug fit prevents rounding of the fastener.
2. **Attach Socket to Ratchet:** Align the square drive hole on the socket with the square drive of the ratchet (or extension). Push firmly until it clicks into place.
3. **Attach Extension (if needed):** If the fastener is recessed, attach an extension to the ratchet first, then attach the socket to the extension.
4. **Set Ratchet Direction:** Use the directional switch on the ratchet head to select either tightening (clockwise) or loosening (counter-clockwise) action.
5. **Engage Fastener:** Place the socket squarely onto the fastener. Ensure the socket is fully seated to utilize the SureGrip hex design, which grips the sides of the fastener rather than the corners, reducing the risk of stripping.
6. **Apply Force:** Apply steady, controlled force to turn the ratchet handle. Avoid excessive force that could damage the fastener or tool.
7. **Remove Socket:** After use, press the release button (if present) on the ratchet head and pull the socket off.

Note: The SureGrip hex design is engineered to minimize edge breakage on fasteners, especially useful for rusted or damaged ones. Always ensure the socket is fully engaged with the fastener for optimal performance and to prevent damage.

Maintenance and Care

Proper maintenance ensures the longevity and performance of your SK Hand Tool socket set.

Cleaning:

- Wipe tools clean after each use to remove dirt, grease, and debris.
- The SuperKrome finish provides excellent corrosion resistance. For stubborn grime, use a mild degreaser and a soft cloth.
- Ensure tools are completely dry before storage to prevent moisture-related issues.

Storage:

- Store the socket set in its original molded plastic case. This case is designed to keep components organized and protected.
- Store in a dry environment, away from extreme temperatures and humidity, to preserve the finish and functionality of the tools.

Inspection:

- Periodically inspect all components for signs of wear, damage, or corrosion.

- Check the ratchet mechanism for smooth operation and proper engagement.
- Do not use damaged tools, as this can lead to injury or further damage to fasteners.

Troubleshooting

While SK Hand Tools are built for durability, understanding common issues can help maintain optimal performance.

Fastener Stripping/Rounding:

- **Issue:** Fastener edges are rounding off or stripping when attempting to turn.
- **Solution:** Ensure you are using the correct size socket for the fastener. The SK SureGrip hex design is intended to reduce this, but an ill-fitting socket or excessive force can still cause issues. Ensure the socket is fully seated on the fastener.

Ratchet Slipping:

- **Issue:** The ratchet mechanism slips or does not engage properly.
- **Solution:** Check the directional switch to ensure it is fully engaged in the desired direction. If the issue persists, the ratchet may require professional inspection or replacement. Avoid disassembling the ratchet mechanism unless you are a qualified technician.

Corrosion/Rust:

- **Issue:** Tools show signs of rust or corrosion.
- **Solution:** While the SuperKrome finish offers excellent resistance, prolonged exposure to moisture or harsh chemicals can cause corrosion. Clean tools immediately after exposure to corrosive substances and store them in a dry environment. Minor surface rust can often be removed with fine abrasive pads or rust removers, followed by a protective oil coating.

Specifications

Feature	Detail
Brand	SK
Model Number	91844
Number of Pieces	44
Drive System	Hex
Material	Alloy Steel
Finish Type	SuperKrome (Corrosion Resistance, Polishing)
Measurement System	Metric, Inch (Fractional)
Item Weight	3.89 pounds
Item Length (Ratchet)	4.5 Inches
Compatible Fastener Range	0.25 inches (Drive Size)

Feature	Detail
Head Style	Fixed Square, Hex
Manufacturer	SK Handtools
UPC	025141918441

Warranty and Support

Warranty Information:

The SK Hand Tool 91844 Socket Set is backed by a**Full Lifetime Warranty**. This warranty covers defects in material and workmanship under normal use. For specific terms and conditions, or to initiate a warranty claim, please refer to the official SK Hand Tools website or contact their customer support.

Customer Support:

For any questions regarding the use, maintenance, or troubleshooting of your SK Hand Tool product, please visit the official SK Hand Tools website or contact their customer service department. Contact information can typically be found on the manufacturer's official website.

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