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SK SK01346

SK Tools 12-Piece 3/8" Drive Deep SAE Socket Set User Manual

Model: SK01346

Product Overview

This manual provides essential information for the proper use and care of your SK Tools 12-Piece 3/8" Drive Deep SAE Socket Set. This set includes 12 deep chrome sockets designed for durability and performance in various automotive and mechanical applications.



Image: The complete 12-piece deep SAE socket set, neatly arranged on its green storage rail. The sockets are polished chrome, showcasing their various sizes.

Package Contents

The SK Tools 12-Piece 3/8" Drive Deep SAE Socket Set includes the following components:

- 12 x 3/8" Drive Deep SAE Sockets
- 1 x Aluminum Storage Rail

Socket sizes included are: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16".

Key Features

- **Material:** Heat treated Chrome Vanadium Steel for durability and strength.
- **Finish:** SuperKrome Plating for a high-polish, jewelry-like finish, providing corrosion resistance.
- **Drive Design:** SureGrip drive design grips the side of the fastener, preventing rounding or damage.

- **Storage:** Aluminum storage rail with ball bearings to secure sockets and 360° rotating clips for easy identification.
- **Identification:** Visible size markings and color-coded rings for quick identification.



Image: A detailed view highlighting the 6-point SureGrip drive design of the socket, which is engineered to grip the sides of fasteners to prevent rounding. The image also illustrates the deep socket length of 2-1/2 inches (65mm).

Setup and Preparation

The SK Tools Deep SAE Socket Set is ready for use directly out of the packaging. No assembly is required for the sockets themselves. The aluminum storage rail is designed to hold the sockets securely and can be mounted or stored as desired.

1. **Unpack:** Carefully remove all sockets and the storage rail from the packaging.
2. **Inspect:** Before first use, inspect each socket for any signs of damage or manufacturing defects.
3. **Organize:** Ensure all sockets are properly seated on the storage rail. The 360° rotating clips allow for easy adjustment and identification.

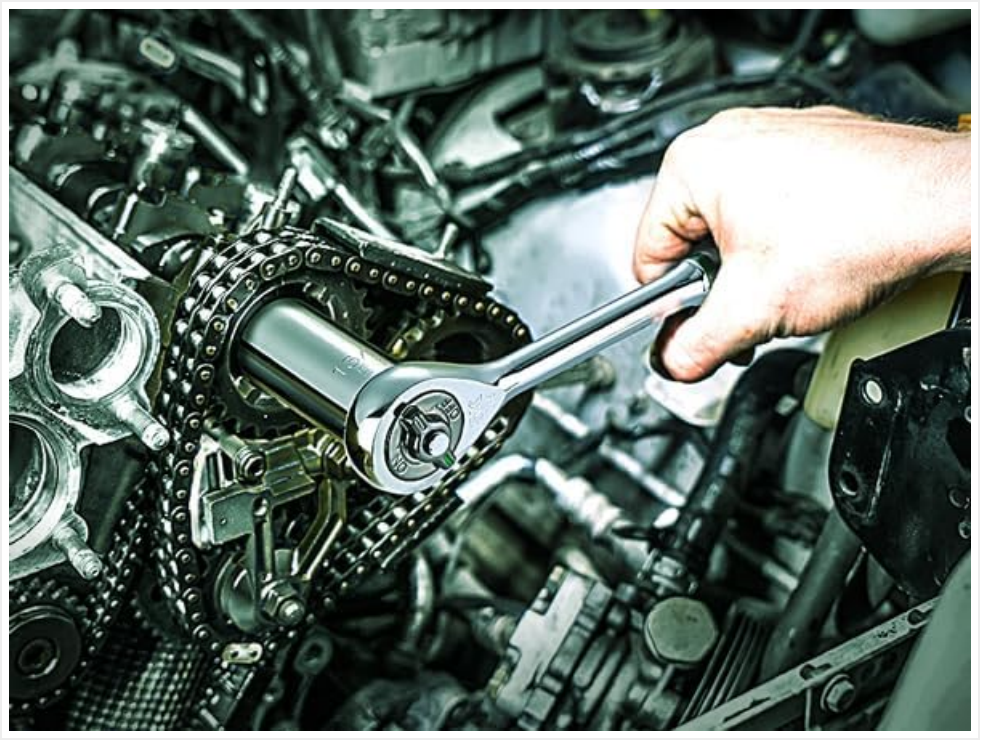


Image: The socket set displayed on its green aluminum rail, demonstrating how it can be easily hung on a pegboard or similar storage system for convenient access and organization.

Operating Instructions

These deep sockets are designed for use with a 3/8" drive ratchet or breaker bar. They are particularly useful for fasteners located in recessed areas or on long studs.

1. **Select Correct Size:** Choose the appropriate SAE socket size (1/4" to 15/16") that precisely fits the fastener. A snug fit prevents rounding of the fastener head.
2. **Attach to Drive Tool:** Securely attach the selected socket to a 3/8" drive ratchet, extension bar, or breaker bar.
3. **Apply to Fastener:** Place the socket squarely onto the fastener. Ensure full engagement to utilize the SureGrip design effectively.
4. **Apply Force:** Apply steady and controlled force to loosen or tighten the fastener. For stubborn fasteners, consider using a breaker bar or penetrating oil.

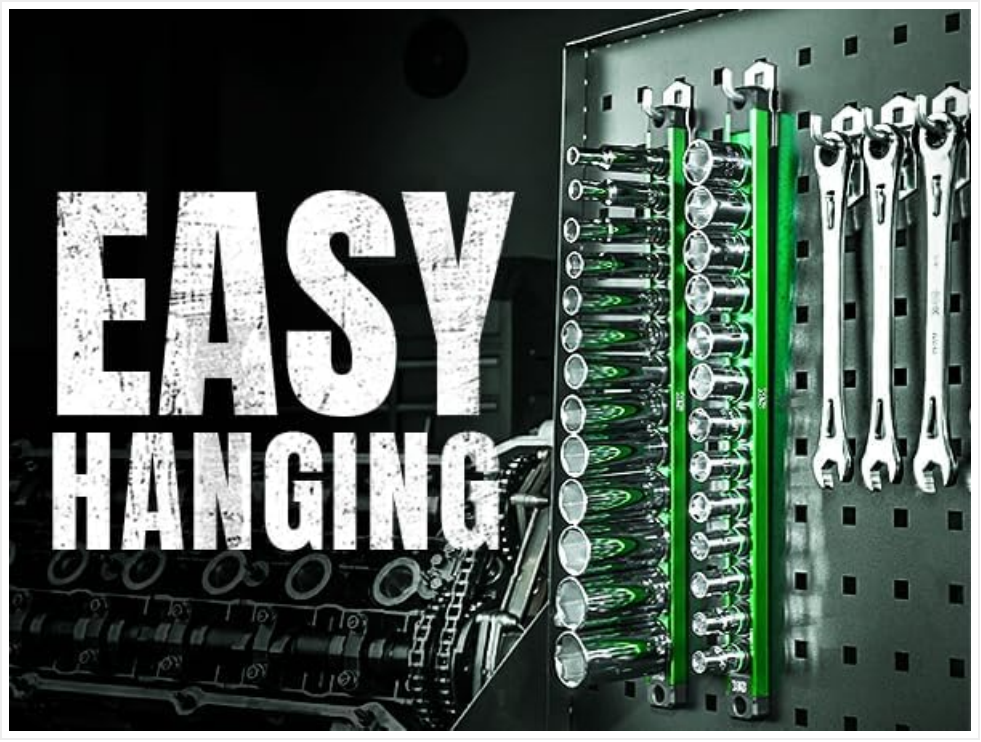


Image: A hand operating a ratchet with a deep socket attached, working on a component within an engine bay. This illustrates the practical application of the deep sockets for reaching fasteners in confined spaces.

Maintenance and Care

Proper maintenance will extend the life and performance of your SK Tools socket set.

- **Cleaning:** After each use, wipe down sockets to remove dirt, grease, and debris. A clean cloth is usually sufficient. For heavy grime, use a mild degreaser and dry thoroughly.
- **Storage:** Store sockets on the provided aluminum rail in a dry environment to prevent rust and corrosion. Avoid storing in damp or humid conditions.
- **Inspection:** Periodically inspect sockets for wear, cracks, or damage. Discontinue use of any damaged tools to prevent injury or further damage to fasteners.
- **Lubrication:** While not typically required for sockets, ensure your drive tools (ratchets, etc.) are properly maintained and lubricated according to their respective manuals.

Troubleshooting

This section addresses common issues you might encounter when using the socket set.

Problem	Possible Cause	Solution
Socket slips on fastener.	Incorrect socket size; fastener head is rounded; excessive wear on socket.	Ensure correct socket size is used. If fastener is rounded, use a specialized fastener extractor. Replace worn sockets.
Socket stuck on drive tool.	Dirt or debris in drive square; tight fit.	Clean the drive square of both the socket and the drive tool. Apply a small amount of lubricant if necessary.
Sockets rattling on storage rail.	Sockets not fully seated on ball bearings; clips not adjusted.	Push sockets firmly onto the ball bearings. Adjust the rotating clips to secure them.

Specifications

Attribute	Detail
Brand	SK Tools
Model Number	SK01346
Material	Alloy Steel, Chrome Vanadium Steel
Drive System	3/8 inch drive
Finish Type	Polished (SuperKrome Plating)
Number of Pieces	12 (Deep SAE Sockets)
Item Weight	3.22 pounds
Package Dimensions	16.93 x 4.37 x 1.18 inches
UPC	025141110562

Warranty and Support

SK Tools stands behind the quality of its products. The 12-Piece 3/8" Drive Deep SAE Socket Set is backed by a lifetime warranty. For warranty claims, technical support, or any inquiries regarding your product, please contact SK Tools customer service. Refer to the official SK Tools website or product packaging for the most current contact information.

Online Resources: For additional information and resources, visit the official SK Tools website: SK Tools Store on Amazon

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