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Model: H1224

PRODUCT OVERVIEW

The Martin Tool H1224 Standard Socket Wrench is a durable and reliable tool designed for various fastening applications. Constructed from high-quality alloy steel with a chrome finish, this 3/4-inch drive, 12-point socket is engineered for precision and longevity. It is suitable for use with compatible fastener ranges and is a product of Martin Tool, a division of Market Sprocket, proudly made in the USA.



Image: The Martin Tool H1224 Standard Socket Wrench, a chrome-finished alloy steel socket with a 3/4-inch drive and 12-point design, showing its robust construction and markings.

SETUP AND PREPARATION

The H1224 Standard Socket Wrench is designed for immediate use with a compatible 3/4-inch drive ratchet, breaker bar, or torque wrench. No assembly is required for the socket itself.

1. **Select the Correct Drive Tool:** Ensure you are using a drive tool with a 3/4-inch square drive to properly engage with the socket.
2. **Attach the Socket:** Firmly push the H1224 socket onto the square drive of your chosen tool until it clicks into place,

indicating a secure connection.

- 3. **Verify Fastener Size:** Confirm that the fastener (nut or bolt) you intend to work with matches the 3/4-inch (or equivalent metric) size of the socket to prevent stripping or damage.

OPERATING INSTRUCTIONS

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

- 1. **Position the Socket:** Place the socket squarely over the head of the fastener. Ensure it is fully seated to prevent slippage.
- 2. **Apply Force:** For tightening, turn the drive tool clockwise. For loosening, turn counter-clockwise. Apply steady, controlled force. Avoid sudden jerking motions.
- 3. **Safety First:** Always wear appropriate personal protective equipment (PPE), such as safety glasses, when using hand tools. Ensure your grip on the drive tool is firm and stable.
- 4. **Avoid Over-tightening:** If using a torque wrench, adhere to the manufacturer's specified torque settings for the fastener.

CARE AND MAINTENANCE

Proper maintenance will extend the life and performance of your Martin Tool H1224 socket:

- **Cleaning:** After each use, wipe the socket clean with a dry cloth to remove dirt, grease, or debris. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Storage:** Store the socket in a dry environment to prevent rust. A tool box or socket rail is recommended to keep it organized and protected from impacts.
- **Inspection:** Periodically inspect the socket for any signs of wear, cracks, or deformation. Discontinue use if any damage is observed.
- **Lubrication:** While not typically required for sockets, ensuring the drive tool's square drive is clean and lightly lubricated can facilitate easier attachment and removal.

TROUBLESHOOTING

Socket wrenches are generally simple tools, but here are a few common issues and their solutions:

- **Socket Slipping on Fastener:**
 - Ensure the socket size matches the fastener exactly.
 - Verify the socket is fully seated on the fastener head.
 - Inspect the socket's internal points for wear or damage. If worn, replace the socket.
- **Socket Stuck on Drive Tool:**
 - Apply a small amount of penetrating oil to the connection point if corrosion is present.
 - Gently wiggle and pull the socket off. Avoid excessive force that could damage the drive tool's detent ball.

PRODUCT SPECIFICATIONS

Model Number	H1224
Brand	Martin Tool

Material	Alloy Steel
Finish Type	Chrome Finish
Drive Size	3/4 inch
Head Style	12-Point (Fixed Square, Box End, Hex)
Item Weight	14.4 ounces
Product Dimensions	1.99 x 1.3 x 1.3 inches
UPC	697950176666
Manufacturer	Martin Tool
Country of Origin	USA

WARRANTY INFORMATION

Specific warranty details for the Martin Tool H1224 Standard Socket Wrench are not provided in this manual. Please refer to the official Martin Tool website or contact their customer support for comprehensive warranty information.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your Martin Tool H1224 Standard Socket Wrench, please contact Martin Tool directly through their official channels. Visit their website for contact information and additional resources.

Note: Always refer to the manufacturer's official website for the most up-to-date information and support.

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.

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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