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Grey Pneumatic 2044D

Grey Pneumatic (2044D) 1/2" Drive x 1-3/8" Deep Socket

USER MANUAL

Introduction

This manual provides essential information for the safe and effective use of your Grey Pneumatic 2044D 1/2" Drive x 1-3/8" Deep Impact Socket. This socket is engineered specifically for use with impact tools, adhering to the latest industrial specifications. Its design focuses on transferring pressure from the thinner part of the socket wall towards the thicker section, enhancing durability and performance.



Image: The Grey Pneumatic 2044D 1/2" Drive x 1-3/8" Deep Impact Socket, showcasing its robust black finish and engraved specifications.

Safety Information

Always prioritize safety when working with tools. Failure to follow these guidelines may result in injury or damage to property.

- **Wear Eye Protection:** Always wear ANSI-approved safety glasses or goggles when using impact tools and sockets.
- **Use Correct Tool:** Ensure the socket is correctly sized for the fastener and the drive size matches your impact tool (1/2" drive).
- **Inspect Tools:** Before each use, inspect the socket for any signs of wear, cracks, or damage. Do not use damaged

tools.

- **Secure Workpiece:** Ensure the workpiece is stable and secured to prevent movement during operation.
- **Avoid Over-Torquing:** Do not exceed the recommended torque specifications for fasteners.
- **Keep Hands Clear:** Keep hands and fingers away from rotating parts and pinch points.
- **Proper Storage:** Store sockets in a clean, dry place, away from moisture and corrosive materials.

Setup

The Grey Pneumatic 2044D socket is designed for straightforward use with 1/2" drive impact wrenches. No complex assembly is required.

1. **Select Correct Socket:** Verify that the 2044D socket (1-3/8" deep) is the correct size for the fastener you intend to work with.
2. **Prepare Impact Tool:** Ensure your impact wrench has a 1/2" square drive and is in good working condition.
3. **Attach Socket:** Firmly push the square drive end of the socket onto the drive anvil of your impact wrench until it clicks into place or is securely seated.
4. **Check Connection:** Gently pull on the socket to ensure it is securely attached to the impact wrench before beginning work.

Operating

Using the 2044D deep impact socket effectively involves proper technique and adherence to safety.

1. **Position Socket:** Place the socket squarely onto the head of the fastener. Ensure it is fully engaged and not at an angle.
2. **Apply Pressure:** Apply firm, steady pressure to the impact wrench, keeping it aligned with the fastener.
3. **Engage Impact Tool:** Activate the impact wrench. For loosening, ensure the tool is set to reverse. For tightening, ensure it is set to forward.
4. **Monitor Progress:** Listen to the sound of the impact tool; a change in sound often indicates the fastener is fully tightened or loosened. Avoid over-tightening.
5. **Remove Socket:** Once the task is complete, release the trigger of the impact wrench and carefully remove the socket from the fastener and then from the tool.

Maintenance

Proper maintenance will extend the life of your Grey Pneumatic socket and ensure its continued performance.

- **Cleaning:** After each use, wipe the socket clean of any dirt, grease, or debris. A clean cloth is usually sufficient.
- **Inspection:** Regularly inspect the socket for signs of wear, such as rounding of the corners, cracks, or deformation. Pay close attention to the drive end and the hex opening.
- **Lubrication (if applicable):** While sockets generally do not require lubrication, ensure the drive anvil of your impact tool is properly maintained according to its manual.
- **Storage:** Store the socket in a dry environment to prevent rust. A tool tray or box is recommended to keep it organized and protected from impacts.
- **Avoid Harsh Chemicals:** Do not use harsh solvents or abrasive cleaners that could damage the finish or material of the socket.

Troubleshooting

Most issues with a socket are related to wear or improper use. Here are some common scenarios:

- **Socket Slips on Fastener:**
  - Ensure the socket size matches the fastener exactly.
  - Check for wear on the socket's hex opening; if rounded, the socket needs replacement.
  - Ensure the fastener head is not stripped or rounded.
- **Socket Does Not Fit on Impact Tool:**
  - Verify your impact tool has a 1/2" square drive.
  - Check for debris or damage in the socket's drive opening or on the tool's anvil.
- **Socket Breaks or Cracks:**
  - This indicates excessive force, improper use, or material fatigue. Replace the socket immediately.
  - Ensure you are using an impact-rated socket for impact applications.

Specifications

Feature	Detail
Brand	Grey Pneumatic
Model Number	2044D
Drive Size	1/2 inch
Socket Size	1-3/8 inch
Socket Type	Deep Impact Socket
Material	Chrome Molybdenum Steel
Finish Type	Polished
Number of Pieces	1
Item Weight	1.3 pounds (approx. 0.59 kg)
Product Dimensions	3.5 x 2 x 2 inches (approx. 8.9 x 5.1 x 5.1 cm)
UPC	729440466664

Warranty and Support

Grey Pneumatic products are manufactured to high standards. For specific warranty information or technical support regarding your 2044D socket, please refer to the official Grey Pneumatic website or contact their customer service directly. Keep your purchase receipt as proof of ownership.
For further assistance, please visit: www.greypneumatic.com

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