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Grey Pneumatic 8029

Grey Pneumatic 8029 3/4" Drive 29-Piece Fractional Master Socket Set

MODEL: 8029



Image: A comprehensive view of the 29 individual fractional impact sockets, ranging from 3/4 inch to 2-1/2 inches, laid out for inspection. Each socket is black with clear size markings.

Introduction

This instruction manual provides essential information for the safe and effective use, maintenance, and storage of your Grey Pneumatic 8029 3/4" Drive 29-Piece Fractional Master Socket Set. This set is designed for professional and heavy-duty applications, featuring impact-grade sockets made from high-quality alloy steel (chrome-molybdenum) for durability and performance. Please read this manual thoroughly before using the product.

Safety Information

Always observe the following safety precautions to prevent injury and product damage:

- **Wear Eye Protection:** Always wear ANSI-approved safety glasses or goggles when using sockets and drive

tools.

- **Inspect Tools:** Before each use, inspect sockets and drive tools for cracks, chips, wear, or any other damage. Do not use damaged tools.
- **Correct Size:** Always select the correct socket size for the fastener. Using an incorrect size can lead to rounding of the fastener or socket damage.
- **Proper Seating:** Ensure the socket is fully seated on both the drive tool and the fastener before applying torque.
- **Impact Use:** These sockets are designed for impact applications. Do not use them with hand tools unless specifically rated for both.
- **Avoid Over-Torquing:** Do not exceed the maximum torque rating of the socket or the fastener. Refer to equipment manufacturer specifications for torque values.
- **Clean Work Area:** Keep your work area clean and well-lit.

Package Contents

Your Grey Pneumatic 8029 set includes the following items:

- 29 x 3/4" Drive Fractional Impact Sockets (6-point, standard length)
- 1 x Molded Storage Case

The sockets included cover the following fractional sizes: 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-9/16", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 1-15/16", 2", 2-1/16", 2-1/8", 2-3/16", 2-1/4", 2-5/16", 2-3/8", 2-7/16", 2-1/2".



Image: The Grey Pneumatic 8029 socket set neatly organized within its blue molded plastic storage case. The case is open, displaying all 29 sockets securely held in their designated slots.

Setup

1. **Unpack:** Carefully remove the socket set from its packaging.

2. **Initial Inspection:** Visually inspect all sockets and the storage case for any signs of shipping damage or manufacturing defects.
3. **Familiarization:** Familiarize yourself with the various socket sizes and their placement within the molded case.
4. **Tool Compatibility:** Ensure your drive tool (e.g., impact wrench, breaker bar) has a 3/4" square drive anvil for proper fitment.

Operating Instructions

Follow these steps for proper operation of your Grey Pneumatic sockets:

1. **Select Socket:** Choose the correct size socket that precisely fits the fastener you intend to work on. A loose fit can damage both the socket and the fastener.
2. **Attach to Drive Tool:** Firmly push the socket onto the 3/4" square drive anvil of your impact wrench or other drive tool until it clicks or is securely seated.
3. **Position on Fastener:** Place the socket squarely onto the head of the fastener, ensuring it is fully engaged.
4. **Apply Torque:** For impact tools, follow the manufacturer's instructions for operation. Apply force smoothly and avoid sudden jerking motions. For loosening, ensure the tool is set to the correct direction.
5. **Remove Socket:** After use, remove the socket from the fastener and then from the drive tool.

Maintenance

Proper maintenance will extend the life of your socket set:

- **Cleaning:** After each use, wipe down sockets to remove dirt, grease, and debris. A mild solvent can be used for stubborn grime, followed by drying.
- **Storage:** Always store the sockets in their original molded case. This protects them from damage, keeps them organized, and prevents loss. Store in a dry environment to prevent rust.
- **Inspection:** Periodically inspect each socket for signs of wear, such as rounded corners, cracks, or deformation. Pay close attention to the drive end and the fastener end.
- **Replacement:** Immediately replace any socket that shows signs of damage or excessive wear. Using damaged sockets can be dangerous and can damage fasteners.
- **Lubrication:** In humid environments, a light coat of rust-preventative oil can be applied to the sockets for long-term storage.

Troubleshooting

Issue	Possible Cause	Solution
Socket slips or rounds fastener.	Incorrect socket size; worn fastener; worn socket.	Ensure correct socket size is used. Replace worn fastener or socket.
Socket does not fit onto drive tool.	Drive tool is not 3/4" square drive; debris in drive square; damaged drive square.	Verify drive tool size. Clean drive square of both socket and tool. Inspect for damage.
Socket appears cracked or deformed.	Over-torquing; material fatigue; impact damage.	Discontinue use immediately. Replace the damaged socket.

Issue	Possible Cause	Solution
Sockets are rusting.	Improper storage; exposure to moisture.	Store in a dry environment. Apply a light coat of rust-preventative oil.

Specifications

Feature	Detail
Brand	Grey Pneumatic
Model Number	8029
Drive Size	3/4 inch
Number of Pieces	29
Socket Type	Fractional, 6-point, Standard Length, Impact Grade
Material	Alloy Steel (Chrome-Molybdenum)
Finish Type	Metal (typically black phosphate or oxide)
Sizes Included	3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-9/16", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 1-15/16", 2", 2-1/16", 2-1/8", 2-3/16", 2-1/4", 2-5/16", 2-3/8", 2-7/16", 2-1/2"
Item Weight	59 pounds (approximate, including case)
Product Dimensions	30 x 17 x 6 inches (case dimensions)

Warranty and Support

Warranty: Grey Pneumatic products are typically backed by a limited lifetime warranty against defects in material and workmanship. This warranty generally covers manufacturing flaws and material failures under normal use. Please retain your proof of purchase for warranty claims.
Support: For technical assistance, warranty inquiries, or to order replacement parts, please contact Grey Pneumatic customer service. Refer to the official Grey Pneumatic website or product packaging for the most current contact information.

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