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Grey Pneumatic 1010UM

Grey Pneumatic 1010UM 3/8" Drive x 10mm Standard Universal Socket Instruction Manual

Model: 1010UM | Brand: Grey Pneumatic

Introduction

This instruction manual provides essential information for the proper use, maintenance, and care of your Grey Pneumatic 1010UM 3/8" Drive x 10mm Standard Universal Socket. Please read this manual thoroughly before using the product to ensure safe and effective operation.

Product Overview

The Grey Pneumatic 1010UM is a durable 3/8" drive universal socket designed for use with 10mm fasteners. Its universal joint design allows for access to fasteners at various angles, making it suitable for applications where straight access is limited. Constructed from Chrome Molybdenum Steel, this socket is built for strength and longevity in demanding environments.



Image: The Grey Pneumatic 1010UM universal socket, demonstrating its compact size and 10mm marking. The image shows the socket

held in a hand, with approximate dimensions of 2.3 inches (5 cm) in length.

Setup

1. **Select the Correct Drive Tool:** Ensure you are using a 3/8" square drive ratchet, breaker bar, or extension.
2. **Attach the Socket:** Align the square drive opening of the 1010UM socket with the drive tang of your chosen tool. Push firmly until the socket clicks securely into place.
3. **Verify Connection:** Gently pull on the socket to confirm it is firmly attached to the drive tool before applying torque.

Operating Instructions

1. **Identify Fastener Size:** Confirm that the fastener you intend to work with is 10mm.
2. **Position the Socket:** Place the 10mm end of the universal socket onto the fastener head. The universal joint allows for angular access, which is useful in confined spaces or around obstructions.
3. **Apply Torque:** Using your 3/8" drive tool, apply steady and controlled force to loosen or tighten the fastener. Ensure the socket remains fully engaged with the fastener head to prevent rounding.
4. **Avoid Excessive Force:** While the socket is robust, avoid using it with impact tools unless specifically rated for such use, as this can reduce its lifespan or cause damage.

Maintenance

- **Cleaning:** After each use, wipe the socket clean of any dirt, grease, or debris. A clean cloth is usually sufficient. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a small amount of light machine oil to the universal joint mechanism to ensure smooth operation and prevent corrosion.
- **Storage:** Store the socket in a dry environment, preferably in a tool tray or box, to protect it from moisture and physical damage.
- **Inspection:** Regularly inspect the socket for any signs of wear, cracks, or damage, especially around the drive end and the universal joint. Discontinue use if any damage is observed.

Troubleshooting

This universal socket is a simple mechanical tool. Most issues relate to improper application.

- **Socket does not fit fastener:** Ensure the fastener is indeed 10mm. If it is, check for any debris inside the socket or on the fastener head preventing proper engagement.
- **Socket feels loose on drive tool:** Verify that the 3/8" drive tool's detent ball is engaging correctly with the socket's retention groove. If the tool's drive tang is worn, it may not hold sockets securely.
- **Socket slips on fastener:** This indicates either the fastener head is rounded, or the socket itself is worn. Discontinue use of a worn socket or rounded fastener to prevent further damage.

Specifications

Feature	Detail

Feature	Detail
Brand	Grey Pneumatic
Model Number	1010UM
Drive Size	3/8 inch
Socket Size	10mm
Type	Standard Universal Socket
Material	Chrome Molybdenum Steel
Finish Type	Metal
Item Weight	3.2 ounces
Country of Origin	Taiwan

Warranty and Support

Grey Pneumatic products are manufactured to high standards and are typically backed by a manufacturer's warranty against defects in materials and workmanship. For specific warranty details, claims, or technical support, please refer to the official Grey Pneumatic website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Note: Warranty terms may vary by region and product.

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