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> Klein Tools 32809MAG 9-in-1 Multi-Nut Driver Tool User Manual

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Magnetic SAE Pass Through Driver with Hex Nut Sizes 3/16 to 3/4-Inch

PRODUCT OVERVIEW

The Klein Tools 32809MAG 9-in-1 Multi-Nut Driver is a versatile tool designed for driving hex nuts on threaded rods and various applications. It features a pass-through design, allowing for efficient work on threaded rods of any length without bottoming out. This tool consolidates nine SAE hex sizes into a single, convenient unit, reducing the need for multiple individual drivers.

Key features include color-coded ends for easy size identification, rare-earth magnets for secure retention of nuts and bolts on smaller sizes, and spring coils for larger sizes. The heavy-duty Cushion-Grip handle provides enhanced torque and comfort during use, while the extended wrench-assist feature offers additional leverage for tough jobs. Manufactured with premium-quality, professional-grade materials, this multi-nut driver is built for durability and precision.



Figure 1: Klein Tools 32809MAG 9-in-1 Multi-Nut Driver Tool with all components assembled.

FEATURES

- **9 Hex Sizes:** Includes 3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, and 3/4-Inch sizes in one compact tool.
- **Pass-Through Handle and Barrels:** Designed for driving nuts onto threaded rods of any length, preventing bottoming out.
- **Rare-Earth Magnets:** Securely hold nuts and bolts in the 1/4-Inch, 5/16-Inch, 11/32-Inch, and 7/16-Inch sizes.
- **Spring Coils:** Retain nuts and bolts in place without the use of magnets for 3/8-Inch, 1/2-Inch, 9/16-Inch, and 3/4-Inch sizes.
- **Extended Wrench-Assist:** Located on each barrel for added torque on demanding tasks.
- **Color-Coded Sizes:** Ends are color-coded for quick and easy identification of the required size.
- **Heavy-Duty Cushion-Grip Handle:** Provides superior torque and comfort during prolonged use.



Figure 2: Visual representation of the tool's features including color-coding, wrench-assist, and pass-through design.

SETUP AND ASSEMBLY

The Klein Tools 32809MAG is designed for quick and easy setup. The tool consists of a main handle and multiple interchangeable nut driver barrels. To use, simply select the appropriate size barrel and insert it into the handle.

1. **Identify Required Size:** Refer to the color-coded rings on the nut driver barrels to quickly find the desired SAE hex size (e.g., 3/16, 1/4, 5/16, etc.).
2. **Separate Handle and Barrel:** Gently pull the handle away from the assembled barrel section to separate the components.
3. **Select and Insert Barrel:** Choose the required nut driver barrel. Insert the desired barrel into the handle's opening until it clicks securely into place. Ensure it is fully seated to prevent wobbling during use.
4. **Verify Connection:** Lightly tug on the barrel to confirm it is firmly attached to the handle before applying torque.



Figure 3: The multi-nut driver with its interchangeable barrels, ready for assembly.

OPERATING INSTRUCTIONS

This multi-nut driver is designed for efficient and comfortable operation across various tasks, from home improvement to professional construction.

General Use:

- **Applying Torque:** Grip the Cushion-Grip handle firmly. Apply steady, even pressure while rotating the tool to tighten or loosen nuts.
- **Magnetic Retention:** For smaller sizes (1/4", 5/16", 11/32", 7/16"), the rare-earth magnets will hold the nut securely in place, allowing for one-handed operation.
- **Spring Coil Retention:** For larger sizes (3/8", 1/2", 9/16", 3/4"), the internal spring coils will retain the nut, preventing it from falling out.

Pass-Through Functionality:

The unique pass-through design is ideal for applications involving threaded rods or long bolts.

1. **Insert Rod:** Slide the threaded rod or long bolt directly through the hollow handle and the selected nut driver barrel.
2. **Engage Nut:** Position the nut driver over the nut on the threaded rod.
3. **Tighten/Loosen:** Rotate the tool to tighten or loosen the nut. The rod will pass through the tool, allowing you to work on nuts at any point along its length without obstruction.



Figure 4: Demonstrating the pass-through capability of the nut driver on a threaded rod.

Using Wrench-Assist:

For applications requiring extra torque, utilize the extended wrench-assist feature.

1. **Identify Wrench-Assist:** Locate the hexagonal portion on the barrel, just below the handle.
2. **Apply Wrench:** Place an adjustable wrench or an open-end wrench of the appropriate size onto the wrench-assist hex.
3. **Increase Torque:** Use the wrench to apply additional rotational force, providing extra leverage for stubborn nuts or bolts.

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Video 1: Product Overview demonstrating the features and usage of the Klein Tools 9-in-1 Multi-Nut Driver. This video highlights the pass-through design, magnetic tips, and overall functionality.

MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your Klein Tools 32809MAG Multi-Nut Driver.

- **Cleaning:** Wipe down the tool with a clean, dry cloth after each use to remove dirt, grease, and debris. For stubborn grime, a mild soap solution can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a light coat of rust-preventative oil to the metal shafts and interchangeable barrels to prevent corrosion, especially if exposed to moisture.
- **Storage:** Store the tool in a dry environment, away from excessive humidity and corrosive materials. Keep all barrels assembled or in a designated storage area to prevent loss.
- **Inspection:** Regularly inspect the tool for any signs of wear, damage, or deformation. Ensure the handle and barrel connections are secure and that the magnetic tips and spring coils are functioning correctly.

TROUBLESHOOTING

If you encounter issues with your Klein Tools 32809MAG, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Nut driver barrel is loose or wobbles.	Barrel not fully seated in the handle.	Ensure the barrel is pushed firmly into the handle until it clicks securely into place.
Nuts/bolts not held securely by magnetic tips.	Magnetic tips are dirty or demagnetized.	Clean the magnetic tips. If demagnetized, use a magnetizer/demagnetizer tool to restore magnetism.
Difficulty inserting/removing barrels.	Accumulated dirt or minor corrosion.	Clean the barrel and handle connection points. Apply a small amount of lubricant if necessary.
Reduced torque or slipping.	Incorrect size used or excessive wear on hex opening.	Verify you are using the correct size for the fastener. If worn, the barrel may need replacement.

SPECIFICATIONS

- **Model Name:** 32809MAG
- **Brand:** Klein Tools
- **Number of Items:** 1 (Multi-Nut Driver with interchangeable barrels)
- **Head Style:** Hex
- **Material:** Alloy Steel
- **Color:** Black (Handle)
- **Recommended Uses:** Auto Repair, Construction, Home Improvement
- **Item Dimensions (L x W x H):** 9.15 x 0.14 x 1.42 inches
- **Item Weight:** 11.52 ounces
- **Head Sizes Included:** 3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 3/4-Inch (SAE)
- **Power Source:** Hand-powered
- **Country of Origin:** Taiwan

WARRANTY AND SUPPORT

Klein Tools products are manufactured to the highest standards of quality and durability. For specific warranty information and customer support, please refer to the official Klein Tools website or contact their customer service directly.

Official Website: www.kleintools.com

Contact Information: Refer to the "Contact Us" section on the official website for phone numbers, email, and service center locations.

Note: Product specifications and warranty terms are subject to change by the manufacturer without prior notice. Always refer to the latest information provided by Klein Tools.