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Sunex Tools 9809A

Sunex Tools 9809A Flare Nut Wrench Set User Manual

Model: 9809A | Brand: Sunex Tools

INTRODUCTION

This manual provides essential information for the proper use, care, and maintenance of your Sunex Tools 9809A Flare Nut Wrench Set. This 9-piece set includes common SAE and metric sizes, designed for automotive repair and other applications requiring access to fasteners on lines and tubing. The wrenches are crafted from fully polished drop-forged alloy steel and come with a canvas roll-case for convenient storage and transport.

PRODUCT OVERVIEW



This image displays the complete Sunex 9809A flare nut wrench set, consisting of nine wrenches. The set includes both SAE and metric sizes, ranging from 1/4" x 5/16" to 5/8" x 11/16" and 9mm x 11mm to 19mm x 21mm. Each wrench is made from fully polished drop-forged alloy steel.

This video provides an overview of the Sunex 9809A Flare Nut Wrench Set, showcasing its SAE and metric sizes, fully polished finish, and the convenience of the included canvas roll pouch for storage and organization.

## SETUP

Upon receiving your Sunex 9809A Flare Nut Wrench Set, carefully unroll the canvas pouch. Each wrench is individually secured within its designated slot. Remove the wrenches from the pouch as needed. The canvas pouch is designed to keep your wrenches organized and protected when not in use.



## Canvas Roll Pouch

Convenient transport and storage.

This image shows the Sunex 9809A flare nut wrench set neatly organized within its durable canvas roll pouch. The pouch is designed for convenient transport and storage, keeping the wrenches secure and easily accessible.

### OPERATING INSTRUCTIONS

Flare nut wrenches are specifically designed for use on hexagonal fasteners found on fluid lines, such as brake lines, fuel lines, and hydraulic lines. Their unique design provides more contact points than a standard open-end wrench, reducing the risk of rounding off soft metal fasteners.

#### Selecting the Correct Wrench Size

- Identify the fastener size. The Sunex 9809A set includes both SAE (Imperial) and Metric sizes.
- Select the wrench that fits snugly over the fastener. Using an incorrectly sized wrench can damage both the fastener and the wrench.
- Wrench sizes are stamped on both sides for quick identification.

#### Using the Wrench

1. Position the wrench over the flare nut. The open-side design allows for easy access over lines and tubing without needing to disconnect them.
2. Ensure the wrench jaws fully engage all six sides of the fastener for maximum grip.
3. Apply steady, firm pressure to turn the fastener. Avoid sudden jerking motions.
4. For loosening stubborn fasteners, apply penetrating oil and allow it to soak before attempting to turn.

## Open Side

Allows for easy access over lines and tubing.



This image demonstrates the open-side design of the flare nut wrench in use. The open-side feature allows for easy access and engagement with fasteners on lines and tubing, common in automotive and plumbing applications, without needing to disconnect the line.

# Chamfered Ends

Allow for fast and easy guidance over fasteners.

Sizes stamped on both sides for fast and easy identification



This image illustrates the chamfered ends of the flare nut wrench. These ends are designed to provide fast and easy guidance over fasteners, improving efficiency and reducing the chance of slippage during use. The wrench also features stamped sizes on both sides for quick identification.

## MAINTENANCE

Proper maintenance ensures the longevity and performance of your flare nut wrench set.

- **Cleaning:** After each use, wipe down the wrenches with a clean cloth to remove dirt, grease, and oil. For stubborn grime, use a mild degreaser.
- **Drying:** Ensure wrenches are completely dry before storage to prevent rust, especially in humid environments.
- **Storage:** Store the wrenches in their included canvas roll pouch in a dry, secure location. This protects them from damage and keeps them organized.
- **Inspection:** Periodically inspect wrenches for any signs of wear, cracks, or damage. Do not use damaged tools.

## TROUBLESHOOTING

Most issues with hand tools relate to improper usage or selection.

- **Wrench Slipping:** Ensure the correct size wrench is selected and fully engaged with the fastener. The wrench should fit snugly without play. Avoid using worn or damaged wrenches.
- **Damaged Fastener:** If a fastener is rounding off, stop immediately. Ensure the wrench is correctly sized and fully seated. For severely corroded or seized fasteners, apply penetrating oil and allow time for it to work, or consider using specialized fastener removal tools.
- **Corrosion/Rust:** This typically indicates improper storage. Always clean and dry wrenches thoroughly before storing them in a dry environment. A light coat of rust-preventative oil can be applied for long-term storage.

## SPECIFICATIONS

| Feature              | Detail                                                         |
|----------------------|----------------------------------------------------------------|
| Model Number         | 9809A                                                          |
| Brand                | Sunex Tools                                                    |
| Material             | Fully Polished Drop Forged Alloy Steel                         |
| Head Style           | Flare Nut                                                      |
| Measurement Standard | SAE & Metric                                                   |
| Number of Pieces     | 9                                                              |
| SAE Sizes            | 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16"        |
| Metric Sizes         | 9mm x 11mm, 10mm x 12mm, 13mm x 14mm, 15mm x 17mm, 19mm x 21mm |
| Included Components  | 9 Flare Nut Wrenches, Canvas Roll-Case                         |
| Item Weight          | 2 Pounds                                                       |

## WARRANTY INFORMATION

This Sunex Tools product is covered by a Manufacturer Warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the documentation included with your purchase or visit the official Sunex Tools website. Keep your proof of purchase for warranty claims.

## SUPPORT

For technical assistance, product inquiries, or warranty service, please contact Sunex Tools customer support. Contact information can typically be found on the product packaging or the official Sunex Tools website. When contacting support, please have your product model number (9809A) and purchase details readily available.

### ASK A QUESTION ABOUT THIS MANUAL

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