

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

> [Williams](#) /

> [Williams 1184B Super Torque Combination Wrench, 1-3/4-Inch Instruction Manual](#)

Williams 1184B



Williams 1184B Super Torque Combination Wrench

INSTRUCTION MANUAL

1. Introduction

Thank you for choosing the Williams 1184B Super Torque Combination Wrench. This manual is designed to help you understand the features, proper use, and maintenance of your new tool. Williams tools are engineered for durability and performance, providing reliable service for professionals.

The Williams 1184B Super Torque Combination Wrench is a high-quality hand tool designed for efficient and effective fastening. Its unique Super Torque box opening design allows for the application of higher torque without damaging hex fastener points, ensuring a secure grip on the flat surfaces behind the points rather than the corners. This design enhances both flexibility and economy in various applications.

2. Product Overview

The Williams 1184B is a 1-3/4-Inch combination wrench featuring a black industrial finish. It combines the versatility of an open end with the secure grip of a Super Torque box end. Manufactured from special alloy steel, this wrench is precision forged and heat-treated for optimum strength and durability, designed to withstand extreme industrial conditions.



Image of the Williams 1184B Super Torque Combination Wrench, showing its black industrial finish and overall design.

Key Features:

- **Black Industrial Finish:** Provides enhanced durability and corrosion resistance.
- **Supertorque Box Opening Design:** Allows for higher torque application without rounding or deforming hex fastener points by engaging the flat surfaces.
- **No Corner Contact:** Prevents damage to fasteners, extending their lifespan.

- **Versatile Use:** Suitable for all common hex (6 point) fasteners, offering increased hand tool flexibility and economy.
- **Identical Open and Box Ends:** Ensures consistent performance and ease of use.
- **Longer Handle Length:** Designed for optimum comfort, balance, and increased leverage.
- **Alloy Steel Construction:** Precision forged and heat-treated for superior strength and durability.



Diagram illustrating the key features of Supercombo wrenches, highlighting the box end and open end.



Image demonstrating proper grip and leverage when using a Williams wrench.

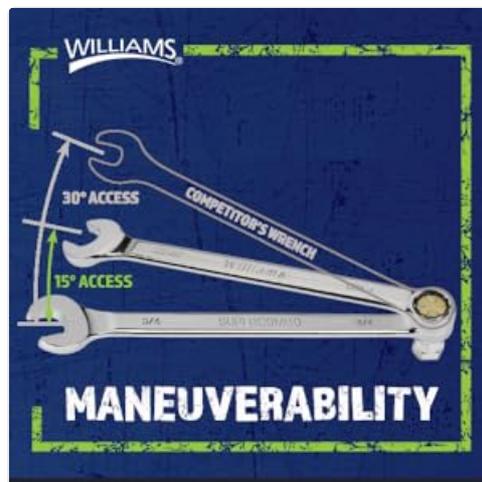


Diagram comparing the access angle of a Williams wrench (15 degrees) versus a competitor's wrench (30 degrees), illustrating improved maneuverability.



Image showing a large Williams wrench being used to apply significant torque, emphasizing its strength and durability.



Image of a large Williams wrench being used on an industrial fastener, showcasing its application in heavy-duty tasks.

3. Setup

The Williams 1184B Super Torque Combination Wrench requires minimal setup. Upon receiving your wrench, please follow these steps:

1. **Unpacking:** Carefully remove the wrench from its packaging.
2. **Initial Inspection:** Inspect the wrench for any signs of damage that may have occurred during shipping. Ensure the finish is intact and there are no visible defects.
3. **Cleaning:** Wipe down the wrench with a clean, dry cloth to remove any manufacturing residues or dust.

Your wrench is now ready for use.

4. Operation

Using the Williams 1184B Super Torque Combination Wrench effectively involves understanding its design advantages:

1. **Selecting the Correct Size:** Always ensure the wrench size (1-3/4-Inch) matches the fastener you intend to turn. Using an incorrect size can damage both the fastener and the wrench.

2. **Open End Use:** For quick engagement and disengagement, position the open end of the wrench over the fastener. Ensure the wrench jaws are fully seated on the fastener flats before applying force.
3. **Super Torque Box End Use:** For applications requiring higher torque or where fastener damage is a concern, use the box end. Slide the box end over the fastener. The Super Torque design will engage the flats of the fastener, not the corners, minimizing the risk of rounding.
4. **Applying Force:** Apply steady, increasing pressure in the desired direction of rotation. For tightening, turn clockwise; for loosening, turn counter-clockwise. Always pull the wrench towards you rather than pushing, to prevent injury in case the wrench slips.
5. **Leverage:** Utilize the longer handle length for increased leverage. Avoid using extension pipes or 'cheater bars' unless specifically designed for the tool, as this can overstress the wrench and cause failure.
6. **Safety:** Always wear appropriate personal protective equipment (PPE), such as safety glasses, when using hand tools. Ensure your grip is firm and stable.

5. Maintenance

Proper maintenance will extend the life and performance of your Williams wrench:

- **Cleaning:** After each use, wipe the wrench clean with a dry cloth to remove dirt, grease, and debris. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Lubrication:** While not typically required for combination wrenches, a light coat of rust-preventative oil can be applied periodically, especially if storing in humid environments.
- **Storage:** Store the wrench in a dry environment, away from excessive moisture and corrosive chemicals. Toolboxes or wall-mounted racks are ideal for organized storage.
- **Inspection:** Regularly inspect the wrench for any signs of wear, cracks, or deformation, particularly around the jaws and box end. If any damage is observed, discontinue use immediately.

6. Troubleshooting

While the Williams 1184B wrench is designed for reliability, here are some common issues and their solutions:

- **Wrench Slipping on Fastener:**
 - **Cause:** Incorrect wrench size, worn fastener, or improper seating of the wrench.
 - **Solution:** Ensure the wrench size matches the fastener exactly. Make sure the wrench is fully seated on the fastener. If the fastener is worn, consider replacing it.
- **Fastener Damage (Rounding):**
 - **Cause:** Using the open end for high-torque applications, or using an oversized wrench.
 - **Solution:** Always use the Super Torque box end for critical or high-torque applications. Ensure the wrench is the correct size.

- **Wrench Bending or Breaking:**

- **Cause:** Excessive force, using an extension ('cheater bar'), or using the wrench for prying.
- **Solution:** Do not exceed the intended force for the wrench. Never use an extension unless specifically designed for the tool. Wrenches are not designed for prying. Replace any damaged tools immediately.

7. Specifications

Attribute	Detail
Brand	Williams
Model Number	1184B
Size	1 3/4-Inch
Material	Alloy Steel
Finish Type	Industrial Finish, Satin
Head Style	Hex
Item Weight	5.5 pounds
Package Dimensions	23 x 3.5 x 1.5 inches
UPC	662459101235
Part Number	JHW1184B

8. Warranty and Support

Williams has a long-standing heritage of manufacturing high-quality industrial tools since 1882. Our products are designed and built to endure extreme industrial conditions, reflecting our commitment to strength, durability, and precise engineering. This dedication to quality serves as our assurance of product reliability. For specific warranty information, product support, or to explore our full range of tools, please visit the official Williams store or contact our customer service. You can find more information at the [Williams Industrial Store on Amazon](#).

Related Documents - 1184B

	<p>Williams Solana Electric Counterflow Furnace 3144030W Owner's Manual & Installation Guide</p> <p>Comprehensive owner's manual and installation instructions for the Williams Solana Electric Counterflow Furnace (Model 3144030W), detailing safety precautions, installation procedures, operation, maintenance, and warranty information.</p>
	<p>Williams Counterflow Top Vent Gas Wall Furnace Installation & Operating Manual</p> <p>Comprehensive installation and operating manual for Williams Counterflow Top Vent Gas Wall Furnaces, covering safety, installation, operation, and maintenance for models 3508331, 3508332, 3508731, 3508732, 5008731, 5008732, 5508331, 5508332, 6508731, and 6508731.</p>
	<p>Installing Your Williams Vented Room Furnace: A Comprehensive Guide</p> <p>Detailed installation instructions for Williams vented room furnaces, covering essential tools, materials, proper location selection, gas piping, combustion air, ventilation requirements, and safe venting procedures. Includes model-specific information and safety warnings.</p>
	<p>WILLIAMS Thermostat Installation Instructions</p> <p>Step-by-step guide for installing a WILLIAMS thermostat, including safety warnings and detailed descriptions of thermostat components.</p>
	<p>Williams Overture III Digital Piano Owner's Manual</p> <p>This owner's manual provides detailed instructions for the Williams Overture III Digital Piano with Bluetooth Audio, covering setup, operation, features, safety, and specifications.</p>
	<p>WILLIAMS AC2030TN Troubleshooting and Installation Guide</p> <p>Comprehensive troubleshooting bulletin and installation guide for the WILLIAMS AC2030TN Plug-In/No Battery furnace, covering common problems, root causes, corrective actions, and proper installation pointers.</p>

