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> [OTC 7698 2-1/4" Wheel Bearing Locknut Socket Instruction Manual](#)

## OTC 7698

# OTC 7698 2-1/4" Wheel Bearing Locknut Socket Instruction Manual

Model: 7698 | Brand: OTC

## PRODUCT OVERVIEW

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The OTC 7698 2-1/4 inch Wheel Bearing Locknut Socket is specifically designed for the efficient removal and installation of wheel bearing locknuts. Constructed from high-strength alloy steel, this socket is engineered to resist rounding out, ensuring durability and reliable performance. It is intended for use exclusively with 1/2 inch square-drive manual tools. Proper measurement from flat to flat is essential to determine the correct locknut size for application.

### Key Features:

- Designed for easy removal and installation of wheel bearing locknuts.
- Manufactured from high-strength alloy steel for enhanced durability.
- Resistant to rounding out during use.
- Compatible with 1/2 inch square-drive manual tools only.
- Services 1985 and newer Ford F-series 3/4 and 1 ton trucks with Dana 80 rear axle.



*Image: The OTC 7698 2-1/4 inch Wheel Bearing Locknut Socket, a robust tool designed for automotive wheel bearing maintenance.*

## SETUP AND PREPARATION

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1. **Vehicle Preparation:** Ensure the vehicle is safely lifted and supported on jack stands. Remove the wheel and tire assembly.
2. **Safety First:** Always wear appropriate personal protective equipment, including safety glasses and gloves, when working on vehicles.
3. **Identify Locknut Size:** Accurately measure the wheel bearing locknut from flat to flat to confirm it is a 2-1/4 inches. Using the correct size socket is crucial to prevent damage to the locknut and the tool.
4. **Tool Compatibility:** Verify that your drive tool is a 1/2 inch square-drive manual tool. *Do not use impact tools with this socket, as it will void the socket's integrity and warranty.*
5. **Clean Area:** Clean any dirt, rust, or debris from around the locknut to ensure a secure fit of the socket.

## OPERATING INSTRUCTIONS

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Follow these steps for safe and effective use of the OTC 7698 Wheel Bearing Locknut Socket:

1. **Attach Socket:** Firmly place the 2-1/4 inch locknut socket onto the wheel bearing locknut, ensuring it is fully seated and engaged with all flats or pins of the locknut.
2. **Connect Drive Tool:** Insert your 1/2 inch square-drive manual ratchet or breaker bar into the socket's drive opening.
3. **Apply Force (Removal):** For removal, apply steady, counter-clockwise force to the drive tool. If the locknut is stubborn, apply penetrating oil and allow it to soak before attempting removal again. Avoid excessive jerking motions.
4. **Apply Force (Installation):** For installation, apply steady, clockwise force. Torque the locknut to the vehicle manufacturer's specifications using a torque wrench. Refer to your vehicle's service manual for precise torque values.
5. **Inspect:** After installation or removal, inspect the locknut and surrounding components for any signs of damage.

**Important Note:** This socket is designed for manual use only. The use of impact wrenches or other power tools can cause damage to the socket, the locknut, or the vehicle components, and will void the product warranty.

## MAINTENANCE

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Proper maintenance will extend the life of your OTC 7698 socket:

- **Cleaning:** After each use, wipe the socket clean of any grease, dirt, or debris using a clean cloth.
- **Storage:** Store the socket in a dry environment to prevent rust. A tool box or dedicated tool organizer is recommended.
- **Inspection:** Periodically inspect the socket for any signs of wear, cracks, or damage. If the socket shows signs of damage, discontinue use immediately to prevent injury or further damage to components.
- **Lubrication:** While not typically required for sockets, a light coat of rust preventative oil can be applied if storing in a humid environment.

## TROUBLESHOOTING

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If you encounter issues while using the OTC 7698 socket, consider the following:

- **Socket Does Not Fit:**
  - Re-measure the locknut from flat to flat to ensure it is indeed 2-1/4 inches.
  - Check for excessive rust or debris on the locknut that might prevent proper seating. Clean the locknut thoroughly.
  - Confirm the locknut type matches the socket's design (e.g., pin-type, hex-type).
- **Locknut Will Not Loosen/Tighten:**
  - Ensure the socket is fully seated on the locknut.
  - Apply penetrating oil to rusted or seized locknuts and allow sufficient time for it to work.
  - Increase leverage with a longer breaker bar, but always apply steady, controlled force.
  - Verify you are turning in the correct direction (counter-clockwise for loosening, clockwise for tightening).
- **Socket Damage (e.g., rounding out, cracking):**
  - This typically occurs from using impact tools or applying excessive, uncontrolled force. Discontinue use immediately.

- Refer to the warranty information for replacement options.

## SPECIFICATIONS

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Attribute	Detail
Brand	OTC
Model Number	7698
Material	Alloy Steel
Drive System	Square
Finish Type	Unfinished
Number of Pieces	1
Drive Bit Shank Style	1/2 inch square drive
Item Weight	1.3 pounds
Product Dimensions	8.4 x 6.1 x 2.7 inches
Country of Origin	USA
UPC	731413003264

## WARRANTY INFORMATION

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OTC stands behind the quality of its tools. The OTC 7698 2-1/4" Wheel Bearing Locknut Socket is backed by a **Lifetime Warranty**. This warranty covers defects in material and workmanship under normal use. Please note that damage resulting from misuse, abuse, alteration, or the use of impact tools will void this warranty.

For detailed warranty claims and procedures, please refer to the official OTC website or contact OTC customer support.

## SUPPORT AND CONTACT

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For further assistance, technical support, or inquiries regarding the OTC 7698 Wheel Bearing Locknut Socket, please contact OTC customer service:

- **Official Website:** [www.otctools.com](http://www.otctools.com) (Please check the website for the most current contact information and support resources.)
- **Customer Service:** Refer to the official website for phone numbers and email contact options.

Always provide the model number (7698) when contacting support for faster service.

