

Yoursme 6697

Yoursme 6697 Wheel Knuckle Vacuum Oil Seal Installer Tool User Manual

For Ford F-250 & F-350 4x4s (2005 to Current)

1. INTRODUCTION

This manual provides comprehensive instructions for the proper use and maintenance of the Yoursme 6697 Wheel Knuckle Vacuum Oil Seal Installer Tool. Designed for precision and durability, this tool is essential for installing axle shaft seals in specific Ford truck models, ensuring correct fitment and preventing vacuum leaks.

2. PRODUCT OVERVIEW

The Yoursme 6697 tool is engineered to facilitate the correct installation of wheel knuckle vacuum oil seals. Its robust construction ensures reliable performance during the installation process.

2.1 Key Features

- **Precision Fitment:** Specifically designed for Ford F-250 and F-350 4x4 vehicles from 2005 to current models with vacuum-operated front axles.
- **Leak Prevention:** Aids in preventing front hub vacuum leaks, which can impair 4WD engagement.
- **Durable Construction:** Manufactured from heat-treated, quality GB 40CR alloy steel for resistance against rust and impact, ensuring long-term service.
- **Simplified Installation:** Enables accurate installation of the seal onto the axle shaft and into the wheel knuckle without causing damage.

2.2 Package Contents

- 1 x Yoursme 6697 Wheel Knuckle Vacuum Oil Seal Installer Tool

3. SPECIFICATIONS

Attribute	Detail
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Attribute	Detail
Model Number	6697
Brand	Yoursme
Material	Heat-treated GB 40CR Alloy Steel
Item Weight	14.59 pounds
Product Dimensions	5.89 x 5.89 x 10.03 inches
Compatibility	Ford F-250 F-350 4x4s (2005 to Current) with vacuum-operated front axle

4. SAFETY INFORMATION

Always prioritize safety when working with automotive tools. Failure to follow safety precautions can result in personal injury or damage to the vehicle.

- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear.
- Ensure the vehicle is securely supported on jack stands on a level surface before beginning any work.
- Never work under a vehicle supported only by a jack.
- Use the correct tools for each task. Do not use this tool for purposes other than its intended design.
- Keep hands and fingers clear of pinch points and moving parts.
- If using a hammer, ensure it is of appropriate weight and type (e.g., dead blow mallet) to prevent damage to the tool or components.

5. SETUP

Before using the 6697 installer tool, ensure all necessary components are prepared and the work area is clean and well-lit.

- 1. Vehicle Preparation:**
 - Safely lift and support the front of the vehicle using jack stands.
 - Remove the wheel and tire assembly.
 - Disassemble the necessary components to access the axle shaft and wheel knuckle, including the brake caliper, rotor, and hub assembly.
 - Clean the axle shaft and the wheel knuckle thoroughly, removing any old grease, dirt, or debris.
- 2. Tool Inspection:** Inspect the 6697 installer tool for any signs of damage or wear. Do not use a damaged tool.
- 3. Lubrication:** Apply a thin layer of appropriate lubricant (e.g., wheel bearing grease) to the inner and outer surfaces of the new vacuum oil seal to aid in smooth installation and prevent damage.

6. OPERATING INSTRUCTIONS

Follow these steps carefully to install the wheel knuckle vacuum oil seal using the Yoursme 6697 tool.

6.1 Installing the Axle Shaft Seal onto the Axle Shaft

1. Place the new axle shaft seal onto the axle shaft. Ensure the rubber side of the seal faces inwards, towards the differential, and the metal ring faces outwards.

2. Position the 6697 installer tool over the seal on the axle shaft. The tool's design ensures it sits correctly over the seal.
3. Using a mallet, gently tap the end of the installer tool to seat the seal onto the axle shaft. Continue tapping until the seal is firmly and evenly seated.



Image 1: The Yoursme 6697 tool positioned over the axle shaft seal, ready for installation. The image shows the tool's design and how it interacts with the seal and axle shaft.



High Standard GB 40CR Alloy Steel

1. heat-treated, resisting rust and impact.
2. ensures a reliable long-term service with great durability.

Image 2: A close-up view of the Yoursme 6697 tool, highlighting its precise fitment over the axle shaft seal. This ensures even pressure during installation.

6.2 Inserting the Axle Shaft into the Front Axle Housing

4. Carefully insert the axle shaft (with the newly installed seal) into the front axle housing.
5. Position the 6697 installer tool over the seal as shown in Figure 2 (referencing the product description's instruction).
6. Use a hammer to install the axle shaft and seal into the wheel knuckle. Continue tapping until the seal is fully seated within the knuckle, preventing front hub vacuum leaks. You will notice a change in sound when the seal is fully seated.

CUSTOM DESIGN

(Fit for Ford 2005-2020 F-250 F-350 4X4s.)



1. Install the seal onto the axle shaft and into the wheel knuckle correctly without damaging the seal.
2. Prevents front hub vacuum leaks.

Image 3: The Yoursme 6697 tool being used to install the axle shaft and seal into the wheel knuckle. This demonstrates the practical application of the tool.

6.3 Official Product Videos

6697 Wheel Knuckle Vacuum Oil Seal Axle Shaft Tool For F250 (by AM-World)

Your browser does not support the video tag.

Video 1: This video demonstrates the application of the 6697 Wheel Knuckle Vacuum Oil Seal Axle Shaft Tool for Ford F-250 vehicles. It shows the tool's design and how it is used to install the seal.

Axle Shaft Seal Installer Tool for 1998-2004 F250 F350 F450 (by AM-World)

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Video 2: This video illustrates the use of an axle shaft seal installer tool for Ford F-250, F-350, and F-450 models from 1998-2004. While the tool shown is for an older model range, the installation principles are similar and can provide helpful context.

6697 Axle Shaft Seal Installer for Ford 2005-2019 F-250/350 (by Truck Repair US)

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Video 3: This video provides a demonstration of the 6697 Axle Shaft Seal Installer for Ford F-250/350 trucks from 2005-2019, showcasing the correct procedure for seal installation.

Wheel Vacuum Seal Installer - Fits Ford Vehicles (by GWA Auto Parts)

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Video 4: This video demonstrates a wheel vacuum seal installer for Ford vehicles, offering visual guidance on the installation process.

7. MAINTENANCE

Proper maintenance of your Yoursme 6697 tool will ensure its longevity and continued performance.

- **Cleaning:** After each use, clean the tool thoroughly to remove any grease, dirt, or metal shavings. Use a clean cloth and a suitable degreaser if necessary.
- **Storage:** Store the tool in a dry, clean environment to prevent rust and corrosion. Keep it away from excessive moisture and extreme temperatures.
- **Inspection:** Periodically inspect the tool for any signs of wear, cracks, or deformation. Replace the tool if any significant damage is observed to ensure safe and effective operation.

8. TROUBLESHOOTING

If you encounter issues during the installation process, consider the following troubleshooting tips:

- **Seal Not Seating Properly:**
 - Ensure the seal and axle shaft are adequately lubricated.
 - Verify that the seal is oriented correctly (rubber side inwards).
 - Check for any obstructions or debris in the wheel knuckle or on the axle shaft.
 - Apply firm, even taps with a heavy-duty mallet. Avoid excessive force that could damage the seal or components.
- **Tool Getting Stuck:**
 - Ensure the tool is aligned perfectly straight with the axle shaft and knuckle.
 - If the tool becomes stuck, try rotating it slightly while applying gentle pressure to dislodge it.
- **Damage to Seal During Installation:**
 - This often indicates improper alignment or insufficient lubrication. Re-evaluate the setup steps.
 - Ensure the tool is fully engaged with the seal before applying force.

9. WARRANTY AND SUPPORT

Yoursme provides a 12-month warranty for this product. If you experience any issues or have questions regarding the 6697 Wheel Knuckle Vacuum Oil Seal Installer Tool, please contact Yoursme customer service for assistance. For further support, you may also refer to the official Yoursme website or contact their support channels directly.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question