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› [YHTAUTO](#) /

› YHTAUTO 6x5.5 Wheel Spacers 3-Inch Installation and User Manual

YHTAUTO YHTWSP0339-1DD

YHTAUTO 6x5.5 Wheel Spacers 3-Inch Installation and User Manual

Model: YHTWSP0339-1DD

1. INTRODUCTION

This manual provides detailed instructions for the safe and proper installation, operation, and maintenance of your YHTAUTO 6x5.5 Wheel Spacers. These spacers are designed to increase your vehicle's track width, potentially improving stability and allowing for larger tire fitment. Please read all instructions carefully before beginning installation.

2. SAFETY INFORMATION

Proper installation is critical for safety. Incorrect installation can lead to wheel detachment, loss of vehicle control, and serious injury or death. If you are unsure about any step, consult a qualified mechanic.

- A minimum of 12 mm (1/2 inch) clearance to the fender is required after installation.
- Always use a hand wrench and thread locker for installation. Impact wrenches are not recommended for final torquing.
- Ensure wheel backs have sufficient clearance for the original studs to avoid contact with the spacer.
- Thoroughly clean all studs, hubs, and mating surfaces to remove dirt, rust, and grease before installation.
- Check all lug nuts and re-torque them after 20-60 miles of driving, and then periodically (e.g., every 2,000-3,000 miles).
- Never use damaged or worn spacers or lug nuts.

For a visual guide on installation and safety, please refer to the following video:

Video: How to install Wheel Spacers? This video demonstrates the general process of installing wheel spacers, including important safety considerations.

3. PRODUCT SPECIFICATIONS

PRODUCT PARAMETERS

6×5.5" (6×139.7mm)

Bolt Pattern

Ø108mm

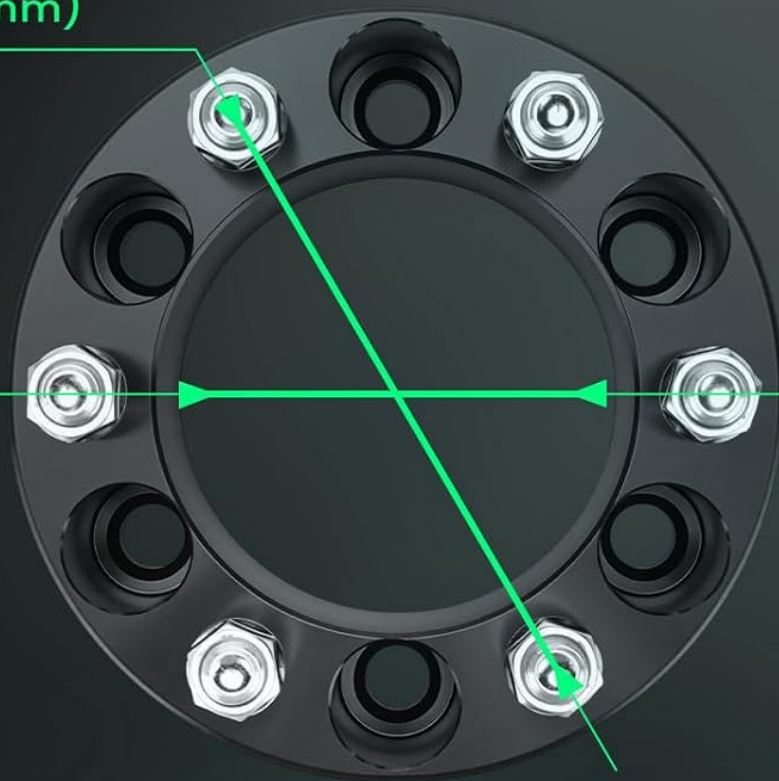
Center Bore

M14×1.5

Thread Pitch

3"

Thickness



YHT AUTO
WSP65519B0-4
6x5.5 | 108mm | 14x1.5 | 3"

Image: Detailed diagram of the YHTAUTO wheel spacer with key dimensions and specifications.

Feature	Specification
Bolt Pattern (Vehicle)	6x139.7mm (6x5.5)
Center Bore	108mm (without lip)

Thickness	3 inches
Studs & Lug Nuts	M14x1.5, 12.9 Grade Studs
Recommended Torque	85-90 FT/LBS
Material	Forged 6061-T6 Aircraft-Grade Aluminum
Tensile Strength	42,000-45,000 PSI
Yield Strength	35,000-40,000 PSI

UPGRADED BOLTS

12.9 GRADE
STUDS

10 GRADE
NUTS



12.9 Grade Studs VS 10.9 Grade Studs

Tensile Strength (Mpa)

1200 VS 1000

Yield Strength (Mpa)

1080 VS 900

Image: Illustration of the high-grade studs and nuts used in the wheel spacers.

UPGRADED MATERIAL

CNC
MACHINED
6061-T6
ALUMINUM

Higher strength, Higher precision,
Outstanding heat dissipation



Tensile Strength
42,000-45,000 PSI



Yield Strength
35,000-40,000 PSI



Elongation
10%



Image: Visual representation of the aerospace-grade aluminum construction and its strength properties.

4. VEHICLE FITMENT

These YHTAUTO 6x5.5 Wheel Spacers are compatible with various 6-lug Chevrolet, GMC, and Cadillac models. Always verify compatibility with your specific vehicle year, make, and model before installation.

VEHICLE FITMENT

Compatible with Cadillac Model:

• Cadillac	Escalade	1999-2000	-
• Cadillac	Escalade	2002-2023	-

Compatible with Chevrolet Model:

• Chevrolet	Avalanche	2007-2013	-
• Chevrolet	Avalanche 1500	2002-2006	-
• Chevrolet	C2500	1988-2000	Not For model with C6P
• Chevrolet	Express 1500	2003-2014	-
• Chevrolet	K1500	1988-1999	-
• Chevrolet	K1500 Suburban	1992-1999	-
• Chevrolet	K2500	1988-2000	Not For model with C6P
• Chevrolet	Silverado 1500	1999-2022	-
• Chevrolet	Suburban 1500	2000-2014	-
• Chevrolet	Tahoe	1995-2000	4WD Only
• Chevrolet	Tahoe	2001-2024	-

Compatible with GMC Model:

• GMC	Savana 1500	2003-2014	-
• GMC	Sierra 1500	1999-2022	-
• GMC	Yukon	1992-1999	4WD Only
• GMC	Yukon	1992-2022	-
• GMC	Yukon XL 1500	2000-2013	-
• GMC	C2500	1988-2000	-
• GMC	K1500	1988-1999	-
• GMC	K2500	1988-2000	-

Image: Compatibility chart for various vehicle models.

Compatible Models Include:

- **Cadillac:** Escalade (1999-2000, 2002-2023)
- **Chevrolet:** Silverado 1500 (1999-2022), Suburban 1500 (2000-2014), Express 1500 (2003-2014), Avalanche (2007-2013),

Avalanche 1500 (2002-2006), Tahoe (1995-2000 4WD Only, 2001-2024)

- **GMC:** Sierra 1500 (1999-2022), Yukon (1992-2022 4WD Only), Yukon XL 1500 (2000-2013), Savana 1500 (2003-2014)

For a complete list of compatible models, please refer to the Amazon garage tool or the product images.

5. PACKAGE CONTENTS

Your YHTAUTO Wheel Spacers package includes:

- 4x 6x5.5 Wheel Adapters & Spacers
- 2x High-Strength Thread-Locking Adhesive
- 1x Installation Instructions (this manual)



Image: Contents of the YHTAUTO wheel spacer package.

6. INSTALLATION INSTRUCTIONS

Follow these steps carefully for proper installation. Professional installation is highly recommended.

Tools Required:

- Vehicle Jack and Jack Stands
- Lug Wrench or Torque Wrench
- Wire Brush (for cleaning)
- Brake Cleaner or Degreaser
- Included Thread-Locking Adhesive

Step-by-Step Guide:

1. **Prepare the Vehicle:** Park the vehicle on a flat, stable surface. Engage the parking brake. Loosen the lug nuts on the wheel you intend to work on, but do not remove them completely.
2. **Lift and Secure the Vehicle:** Safely jack up the vehicle until the wheel is off the ground. Place jack stands under the vehicle's frame for support. Remove the lug nuts and then the wheel.
3. **Clean Hub and Studs:** Use a wire brush and brake cleaner to thoroughly clean the vehicle's hub and studs. Ensure all rust, dirt, and debris are removed from the mating surfaces.
4. **Check Stud Length:** Verify that your vehicle's factory studs do not protrude past the surface of the wheel spacer. If they do, ensure there are sufficient cavities on the back of your wheel to accommodate them without touching. If not, the studs may need to be shortened or a different spacer thickness used.
5. **Install the Spacer:** Apply a small amount of the included thread-locking adhesive to the vehicle's original studs. Place the wheel spacer onto the vehicle's hub, aligning the holes with the studs.
6. **Secure the Spacer:** Use the provided lug nuts to secure the wheel spacer to the vehicle's hub. Hand-tighten all lug nuts, then use a torque wrench to tighten them in a criss-cross pattern to the recommended torque of 85-90 FT/LBS.
7. **Reinstall the Wheel:** Place your wheel back onto the newly installed wheel spacer, aligning the wheel's bolt pattern with the spacer's studs.
8. **Secure the Wheel:** Hand-tighten your wheel's lug nuts onto the spacer's studs. Then, using a torque wrench, tighten them in a criss-cross pattern to your vehicle manufacturer's specifications.
9. **Lower the Vehicle:** Carefully lower the vehicle off the jack stands and remove the jack.
10. **Repeat for Other Wheels:** Repeat the process for all other wheels where spacers are to be installed.

For a visual demonstration of the installation process, please watch the following video:

Video: YHTAUTO Wheel Spacers installation guide, demonstrating the steps for installing the product.

To understand how to measure for wheel spacers, refer to this video:

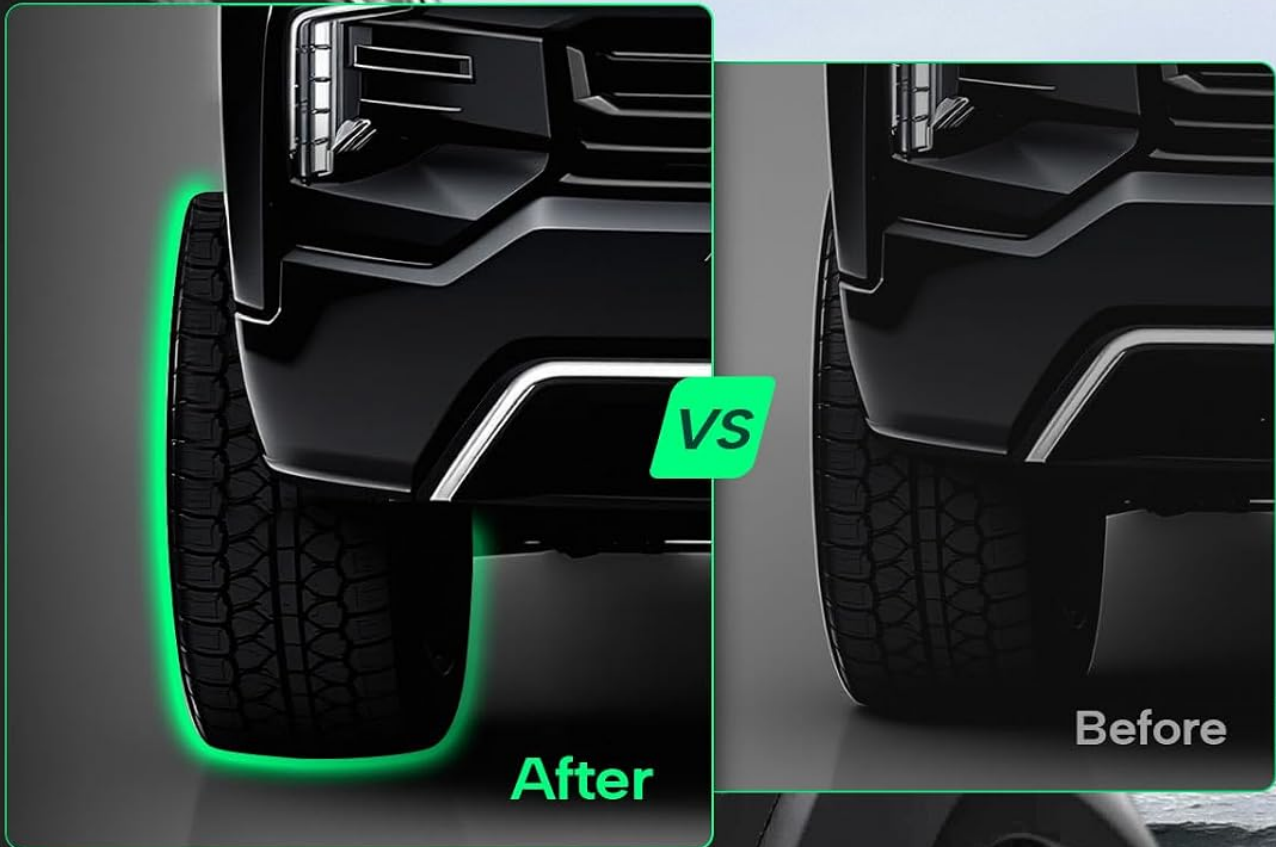
Video: YHTAUTO 4/6/8 Lug Wheel Spacer Measurement Method, explaining how to correctly measure your vehicle for appropriate wheel spacers.

7. OPERATING AND POST-INSTALLATION CHECKS

After successful installation, your vehicle will have an increased track width, which can enhance its appearance and potentially improve stability and handling. It is crucial to perform post-installation checks to ensure safety.

- **Initial Drive:** Drive the vehicle for 20-60 miles at moderate speeds.
- **Re-torque Lug Nuts:** After the initial drive, re-torque all lug nuts (both the spacer-to-hub and wheel-to-spacer connections) to the specified values. This is critical as components can settle.
- **Periodic Checks:** Continue to check and re-torque the lug nuts every 2,000-3,000 miles or during routine maintenance.
- **Listen for Abnormalities:** Pay attention to any unusual noises, vibrations, or changes in handling. If any issues arise, stop driving immediately and inspect the installation.

WHY USE SPACERS



- Enhanced Appearance
- Improves Stability & Handling
- Better Maneuverability & Flexibility

Image: Visual comparison of a vehicle's stance before and after installing wheel spacers.

8. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your wheel spacers.

- **Routine Inspection:** Periodically inspect the wheel spacers for any signs of damage, cracks, or corrosion.

- **Lug Nut Condition:** Check the condition of all lug nuts and studs. Replace any that show signs of wear, stripping, or damage.
- **Cleanliness:** Keep the wheel spacers and mating surfaces clean from dirt, salt, and other corrosive materials.

9. TROUBLESHOOTING

If you encounter any issues after installing your wheel spacers, consider the following:

- **Vibrations:** The most common cause of vibrations is improper installation, particularly incorrect torquing or unclean mating surfaces. Re-check all lug nuts for proper torque and ensure all surfaces are clean and flat.
- **Rubbing/Clearance Issues:** If tires are rubbing against fenders or suspension components, re-evaluate the fender clearance (minimum 12mm required) and ensure the wheel back has adequate clearance for original studs.
- **Loose Wheels:** Immediately pull over and check all lug nuts. Re-torque to specifications. If the issue persists, discontinue use and seek professional assistance.

If troubleshooting steps do not resolve the issue, consult a professional mechanic.

10. WARRANTY AND SUPPORT

For any questions regarding product warranty, technical support, or assistance with your YHTAUTO Wheel Spacers, please contact YHTAUTO customer service directly. Refer to your purchase documentation for specific warranty terms and contact information.

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

