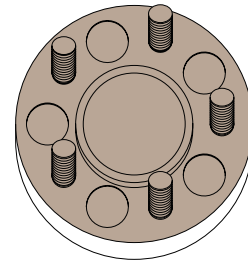


Wheel Spacer Instructions



Safety Information

- The instructions provided herein are only for general information. **ALWAYS** perform all repairs in full compliance with your vehicle's service manual. After any repair, test your vehicle before returning to normal use. Failure to do so may result in serious property damage and severe personal injury.
- **DO NOT** allow children or those unfamiliar with this product to install it. Do not install while under the influence of alcohol, drugs, or any medication that negatively affects your judgment or reflexes. Keep children and bystanders away during installation.
- Keep your work site clean and well lit. Cluttered and dark work areas invite accidents.
- **ALWAYS** use personal protective equipment (PPE) suitable to your task. Always wear ANSI-approved eye and hand protection while installing this product. Non-slip footwear is also highly recommended. Other equipment such as ear, head, and body protection may also be necessary depending on your work and other equipment.
- Dress properly for automotive servicing. Do not wear loose clothing or jewelry and keep hair, clothing, gloves, hoses, and tools away from any moving parts during use.
- **ALWAYS** know and understand the specific safety warnings and instructions for your vehicle before installing wheel spacers. Make sure the parking brake is activated before beginning any work. Use with jack and jack stands able to fully support the necessary weight. Never touch any heated surface with exposed skin. **NEVER** install more than one spacer per wheel.
- Do not overreach. Keep proper footing and balance at all times. **NEVER** work on or under a vehicle unless it is properly supported by safety stands and its wheels are blocked.
- **DO NOT** use excessive pressure with this product and do not force it or its attachments.
- Maintain this product. Check for misalignment, binding, wear, or other damage before installation. If any damage is detected, repair or replace the problematic components before further use.

Recommended Tools

- Hoist/Jack & Stand
- Lug-Nut Socket/Tire Iron
- Torque Wrench
- Wheel Chocks
- Rubber Mallet
- Wire Brush

Installation

1. Before installation, make sure the following spacer specifications match your vehicle:



Vehicle Bolt Pattern



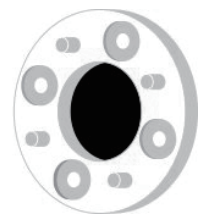
Wheel Bolt Pattern



Thread Size



Spacer Thickness



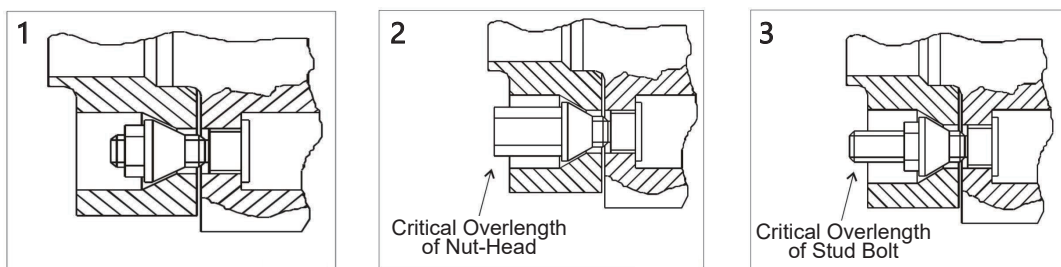
Center Bore



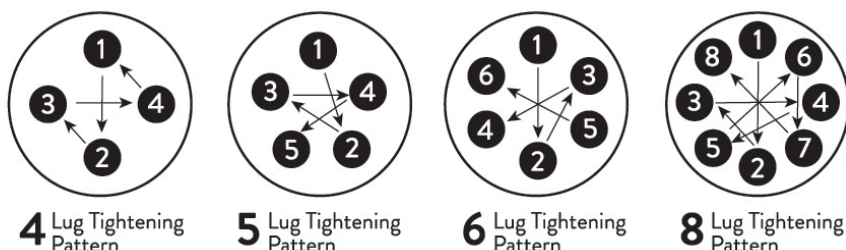
DO NOT proceed with the installation if the spacers do not **EXACTLY** match your vehicle. Contact Customer Service for assistance or replacement.

2. Park your vehicle on level ground, activate its parking brake, and turn off the engine. Allow your vehicle to cool if it has become hot through recent use. If you will use a jack to lift your vehicle later on in the process, chock your wheels.
3. Loosen your lug nuts approximately $\frac{1}{4}$ turn.

4. Raise the vehicle to the lift point suggested in the vehicle's service manual. Using a hoist is highly recommended and will substantially reduce installation time. When using a jack, secure the raised vehicle with one or more jack stands or other appropriate supporting equipment.
5. Remove your vehicle's lug nuts and wheels according to its service manual.
6. Ensure that the mounting surface is flat and clean. Remove all retaining clips and locking screws that may interfere with installation. Clean thoroughly to make sure the spacer will fit evenly and flush against the hub. Clean carefully to avoid damaging other components.
7. Check that the spacer fits and shorten any protruding stock studs. The wheel studs pressed into the spacer ring should fit exactly into the wheel's boreholes. If correctly seated, the stud bolt shaft should extend beyond the nut, but not beyond the spacer surface (Figure 1). The head of the lug nuts (Figure 2) and the shaft of the stud bolts mounted on the hub (Figure 3) should not extend beyond the spacer surface unless the wheels have cast pockets or reliefs that can accommodate the protruding head.



8. Make sure all the bolt holes are aligned and fasten the spacer assembly to the wheel hub with the provided lug nuts. Refer to your vehicle's service manual or your wheels' separate instructions for the proper tightening torque.
9. Install the wheel to the adapter according to your vehicle's service manual torque specifications but do not use more than 140 ft.lb. of force. Fully tighten the lug nuts and bolts for proper thread engagement.
10. Place the wheel back on the studs. Install the wheel over the lug studs and replace the lug nuts by hand. Use a torque wrench to further tighten the lug nuts according to the relevant pattern in the image below. Continue tightening until you reach the manufacturer's recommended torque.



11. After installing all spacers, lower the vehicle back to the ground.
12. Confirm that your wheel alignment, tire and fender clearance, brake line and attachments, and brake anti-locking and anti-skid sensors have not been impaired at all by the installation. Perform any necessary adjustments before using your vehicle.
13. Test your vehicle. Beginning slowly, drive the vehicle and pay close attention to any noise, vibration, or unusual wheel behavior. After about 5 miles, confirm that the lug nuts attaching the spacer to the hub have not loosened. Retorque if necessary. Recheck all fasteners and torques again after driving about 25 miles more. Recheck all fasteners and torques again after driving about 500 miles more.

Maintenance

Recheck the spacer's fasteners and torques every 3000 miles, which usually coincides with the frequency of recommended tire rotation.

Contact Us

Thank you for choosing our products! If you have any questions or comments, contact us at help@cs-supportpro.com and we'll resolve your issue ASAP!

For a .pdf copy of the latest version of these instructions, use the appropriate app on your smartphone to scan the QR code to the right.

