

INSTALLATION INSTRUCTIONS

WHEEL SPACER/ADAPTERS



FORGED 6061 T6 AIRCRAFT ALUMINUM

WHEEL SPACER INSTALLATION GUIDE

THANK YOU FOR THE PURCHASES! PLEASE READ BEFORE INSTALLATION.

WARNING: Professional Installation Required.

For your safety, recommends a certified technician install this system.

Failure to do so can result in serious injury.

REMINDER: Before installation, thoroughly inspect all components to ensure they are complete and undamaged. Missing or incorrect parts may affect safety, performance, and proper fitment. Do not proceed with installation if any issues are found—contact us immediately.

REMINDER: After installation, carefully inspect and test all components. Ensure all nuts, bolts, and accessories are properly tightened. Improper installation may lead to safety risks or product failure.

REMINDER: COMPATIBILITY CHECK

Please check vehicle compatibility before installation.

REMINDER: MODIFICATION RISK

Vehicle performance and factory specifications may vary with aftermarket modifications. Modify at your own risk.

For modified vehicles, contact us to confirm fitment.



INSTALLATION INSTRUCTIONS



1. Following your **Vehicle Owner's Manual**, properly raise the vehicle and support it using adequately load-rated jack stands. Never work on a raised vehicle that is supported with a factory emergency, floor or bottle jack. Remove wheels and inspect rotors for any damage or cracks. If any damage is identified, do not continue with this installation.



2. Make sure that mating flange on the vehicle's rotor are completely clean. Remove any visible rust from the mating flange on the vehicle's rotor. Inspect both the rotor and wheel mounting flanges for burns, rivet heads, or other obstruction that would prevent a flush seating of the vehicle rotor's mounting flange to both the inner and outer side of the adapter/spacer. Improperly seated adapters/spacers are hazardous and may cause adapter failure, resulting in the loss of a wheel while driving the vehicle.



3. If proper seating can be achieved, mount the Wheel Adapter/spacer on to the vehicle's studs until it sits flush with the rotor's flange. **Thread Locker** on the studs recommended to reduce vibration risk. Install with open-end lug nuts (included with this kit) as the **Vehicle Owner's Manual Specs** , follow the star pattern by handwrenc, **Don't use impact or will damage the nuts.**



4. Place wheel on to the Wheel Adapter studs until the wheel mounting flange sits flush on the adapter's outer flange. Install the nuts (provided with the adapter) onto the lugs. Retighten lug nuts to specs below the **LUG TIGHTENING SEQUENCE** , follow the star pattern by handwrenc, Don't use impact or will damage the nuts.



5. Check for proper tire clearance in the wheel well, making certain there is sufficient wheel and tire clearance for full steering (lock-to-lock). If there is no interference, vehicle may be lowered. Once vehicle is on the ground under full load, recheck for adequate tire and wheel clearance and unobstructed lock-to-lock steering.

NOTE : Re-torque all lug nuts on the spacer/adaptor after 25-50 miles of driving, then again after 1-2,000 miles.

Standard torque of Nuts or bolts:

LUG TIGHTENING SEQUENCE

Stud Size	Torque (FT.LBS)	Minimum Thread Engagement (Turns)
M12X1.5	72 - 80	6.5
M12X1.25	72 - 80	8.0
M14X1.5	85 - 95	7.5
1/2"	75 - 85	8.0
9/16"	95 - 115	7.5

Why Is the Spacer Torque Lower?

Your vehicle's original wheels are mounted directly to a steel hub, using factory steel studs or bolts. These parts are designed to handle higher torque values .

Most wheel spacers are made from lightweight aluminum alloy, such as 6061-T6. While strong, aluminum is softer than steel. Applying the same high torque used for steel parts will cause:

- Damage the spacer studs
- Distort the contact area, leading to improper fit or vibration

That's why we recommend using a lower torque value to safely fasten the wheel to the spacer.



Important Fitment Notice: Factory Stud Length

On some vehicles, the factory wheel studs may extend past the surface of the spacer after installation. This is not a defect, what you need to check:

If your wheels have open or deep pockets on the back side, the extended studs will sit inside these pockets without any issues — you can install the wheel normally.

If your wheels have a flat back surface or shallow pockets, the extended studs may prevent the wheel from mounting flush.

In this case, you have two options:

- 1) Trim the factory studs slightly to fit flush.
- 2) Use a thicker spacer (e.g., 25mm instead of 20mm), if available for your vehicle.

To avoid excessive loads on vehicle's suspension components, it is recommended that the vehicle manufacturer's original offset be maintained. Excessive positive offset can be dangerous and can cause suspension component failure.

We assume no responsibility for damages or repair costs incurred as a result of a change in offset.

Modified vehicles may not meet local or state requirements for use on public streets. Always research and adhere to federal, state and local laws regarding the use of wheel adapters.

LIMITED WARRANTY

Items can be returned for a refund or replacement/exchange within 30 days of delivery as long as they are in original or unused condition.

This warranty does not cover any item that has been damaged, mutilated, altered, misused or abused. We reserves the right to make changes in specification and design.

REMEDIES EXCLUSIVE: Our liability shall be limited exclusively to repairing or replacing individual parts under the conditions as aforesaid, and in no event will be liable for consequential damages.

⚠ NOTE: Surface discoloration or rust due to improper care, prolonged UV exposure, environmental conditions, or chemical contact is not considered a manufacturing defect and is excluded from warranty coverage.

DISCLAIMER OF WARRANTIES: This warranty is expressly in place of all other warranties.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Thank you for the purchases!

It is our honor to help you. So please write us about what you think and what you need.

We will reply you ASAP and try our overwhelming best to help you solve the problem.

Please feel free to contact us via eBay message or Amazon tools .