

Forged 6061 T6 Aircraft Wheel Spacers/Adapters

INSTRUCTION

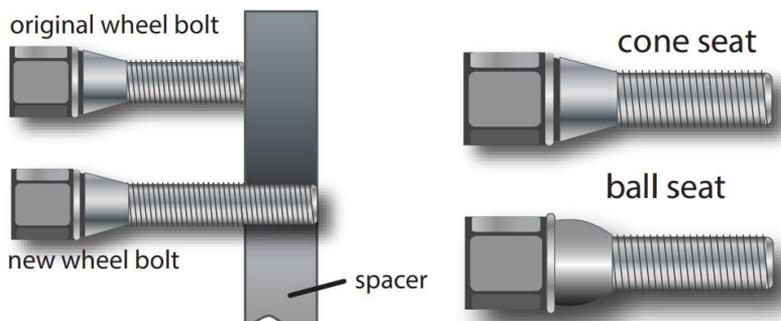


Wheel Spacers come with 10.9 grades black DACROMET finish wheel studs/bolts

Anodized finished and heat treated for extra strength

Important Safety Information

- 1) Never modify the wheel adapters/spacers
- 2) Do not stack multiple adapters/spacers on a single wheel.
- 3) Select the correct length wheel bolts. Wheel bolts must penetrate the threaded holes in the wheel hubs to a minimum depth for safety reasons. Don't forget to check the wheel bolts seat (ball seat or cone seat).



4) **Tighten the wheel bolts correctly.** Wheels bolts must be tightened properly for safety and performance.

Never use an impact gun to install lug bolts unless you are using torque limiting sockets.

5) **Re-torque all lug bolts/nuts after 25-50 miles of driving, then again after 1-2,000 miles.**

Installation Procedure

Step 1: Apply your parking brake and then lift your vehicle on the jack or the elevator and remove the wheel.



Step 2: Clean the rust and dirt off the hub. Take your time, this is essential for the spacers to fit exactly on the hub and avoid getting any kind of vibrations later on.



Step 3: Apply a thin coat of anti-seize cream. The anti-seize cream must go only around the center hub.



Step 4: Place the spacer on the factory hub. The spacer should sit flush with the brake rotor. If there is any gap between

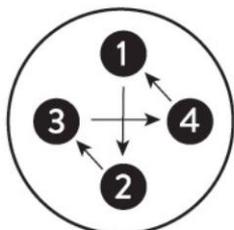
the brake rotor and the spacer, even if it is small. Don't use the spacer. Please be sure to check this. You shouldn't even be able to slide a piece of paper behind the spacer after you put it on the factory hub.



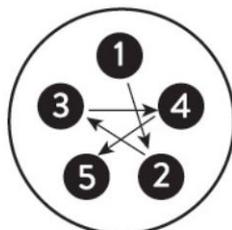
Step 5: Align the holes on the wheel spacer with the bolt holes on the car. You can use a wheel pin tool to aid in the install if you have one. Now place the wheel on top of the spacer.



Step 6: Tighten the spacer bolts. Recommended to use wheel bolt torque. Draw the bolts down in steps, tightening in a star pattern to seat the spacer evenly.



4 Lug Tightening Pattern



5 Lug Tightening Pattern



As you see, installing wheel spacers is not complicated or difficult, if you follow these simple steps.

IN THE END: Don't forget re-torque all lug bolts/nuts after 25-50 miles of driving, then again after 1-2,000 miles.

- 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.
- Carefully follow the installation instructions included on this package. We assume no liability for injury, damage or repair costs resulting from improper installation or use.

How to Replace the Original Studs to be Extended Studs:

- 1) Remove the original studs: cover a lug nut on stud when knock on the stud to avoid damage the original stud.
- 2) Attach new extended studs: gently tap the section of new stud, do not try to knock whole of the new stud into the hub.
- 3) Find a few larger nuts cover the new stud or use *Wheel Stud Installer*, and then tighten the lug nut to make the new stud into whole of hub. The tightening nut provide power for new stud to move.





Standard torque of Nuts or bolts:

M12 x 1.25 = 8.0 turns = approx. 10 mm of load bearing shaft length

M12 x 1.5 = 6.5 turns = approx. 10 mm of load bearing shaft length

M14 x 1.5 = 7.5 turns = approx. 12 mm of load bearing shaft length

1/2" UNF = 8.0 turns = approx. 11 mm of load bearing shaft length

9/16" = 7.5 turns = approx. 12 mm of load bearing shaft length

Thank you for the purchases!

If you have any issue with installation, missing items, damaged package, exchange or replace, etc. We would like to help you to solve them.

Please Contact us by

E-mail: info@ksperformance.com

We try our best to ensure all our packages are heavy duty and inspected before they are shipped.

All us have a refund return policy. Under special circumstances, returns might be accepted with prior written approval. All returned product will be shipped freight prepaid by buyers, but we will take the responsibility if there are some problems with us. No returns will be accepted after 30 days upon receipt of product.

If you are dealers or wholesalers and want to purchase more or customize, please feel free to contact us through Amazon or EBay Message tools. For more details

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