



2" Wheel Spacer Installation Directions – Page 1 of 2

Tools Needed: Sockets, Wrenches, Torque Wrench, Loctite (chemical adhesive)

**** Before you get started, contact your machine's dealership and request the wheel nut torque spec. ****

Figure 1. This image is to highlight the importance that the machine's wheel nuts need to be separated from the spacer's wheel nuts.
*** DO NOT use the wrong wheel nuts with the wrong studs. The result would likely lead to cross threading and cause damage to the nuts and studs.*



Figure 2. Make sure the hub face and wheel studs are free of rust, debris and other chemical compounds. Surfaces need to be clean to insure proper fitment and to reduce the mechanical connections chances of coming loose after use.



Figure 3. Consider using blue loctite chemical adhesive on the machine's wheel studs for additional assurance beyond a just a mechanical securement.

**** Follow your chemical adhesive's directions for correct use. And determine if the break/prevail spec of the chemical bond is compatible with your machine's wheel stud spec.**

**** This step is up for consideration but ultimately it's up to you if you want to implement.**



Figure 4. Slide wheel spacer onto axle hub and thread on all of the machine's wheel nuts on the machine's wheel studs. Secure all wheel nuts semi firmly, moving nut to nut in star pattern. Then tighten the same nuts to machine manufacturer's torque spec following a circle pattern when moving nut to nut to insure no nuts were missed.



Figure 5. Remove all of the spacer's wheel nuts. Add blue loctite chemical adhesive to spacer studs.

****** *With the consideration of the spacers wheel stud/nut fitment tolerance, strongly consider using blue loctite chemical adhesive for better assurance beyond just a mechanical securement.*

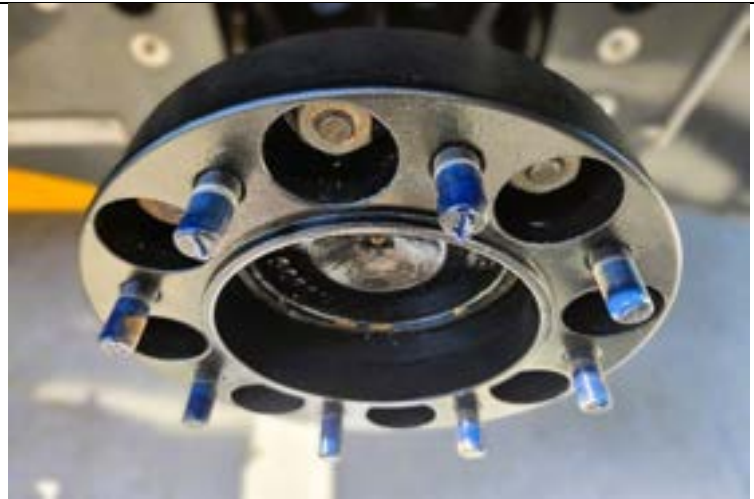


Figure 6. Slide the machine's wheels onto the spacers studs. Thread on the spacer's nuts onto the spacer's studs. Semi firmly tighten all nuts utilizing a star pattern when move nut to nut. Next, tighten all nuts to the machine manufacturer's wheel stud spec so that damage to the rim from over tightening doesn't occur. Utilize a circle pattern when moving nut to nut to insure a nut is not missed when tightening.



**** Very Important! ****

1. After you have installed all 4 spacers and all 4 wheels, double check all of the wheel nuts with the torque wrench a **2nd** time. *This is recommended to help insure that all spacer studs are properly seated in the spacer in the event they may have not been properly seated by the manufacturer.*
2. **DO NOT** forget to check all wheel nuts after **3-8 hrs** of machine use. Then again after **1 week** of use.