



Installation Instructions

Race Star Industries™ wheels require a “shank style lug nut”, with the use of a Centered or Offset washer depending on the application. When using a shank style lug nut it engages more thread on the lug stud than a traditional conical seat lug nut. It is recommended to clean or chase the threads on the lug stud before installing the shank style lug nut. This will ensure the thread to be consistent and debris free the entire length of the lug stud and will prevent binding which could cause the lug stud to be damaged or even break. Once this is complete use some anti-seize for protection and lubrication on each stud and you are ready for the installation.

Hub Centric Rings – a “Hub Centric Ring” is a ring that is placed in the center bore of the wheel and centers the wheel to the specific vehicle application. Hub Centric Rings are recommended as they center the wheel to the vehicle application to eliminate any vibration and to assist in the installation process, however they are not required.

For 5x4.5 Bolt Pattern Installations: (require Offset Washers)

After the vehicle is properly and securely positioned place the wheel on the vehicle. Start with the lug stud at the 6’oclock position. Gravity will allow the largest part of the Offset washer to fall downward and then hand tighten the lug nut to hold the washer into the washer pocket. Rotate the wheel clockwise to the next available lug stud and repeat until all lug nuts are installed. Rotate the wheel and ensure all washers are properly positioned in each of the washer pockets and then torque to the proper torque specifications of the lug stud size.

For 5x4.75 Bolt Pattern Installations: (require Centered Washers)

After the vehicle is properly and securely positioned place the wheel on the vehicle. Start with the lug stud at the 6’oclock position and hand tighten the lug nut to hold the washer into the washer pocket. Rotate the wheel clockwise to the next available lug stud and repeat until all lug nuts are installed. Rotate the wheel and ensure all washers are properly positioned in each of the washer pockets and then torque to the proper torque specifications of the lug stud size.

For 5x5 Bolt Pattern Installations: (require Offset Washers)

After the vehicle is properly and securely positioned place the wheel on the vehicle. Start with the lug stud at the 12’oclock position. Gravity will allow the largest part of the Offset washer to fall downward and then hand tighten the lug nut to hold the washer into the washer pocket. Rotate the wheel clockwise to the next available lug stud and repeat until all lug nuts are installed. Rotate the wheel and ensure all washers are properly positioned in each of the washer pockets and then torque to the proper torque specifications of the lug stud size.

Standard Torque Specs: 7/16” 75-85 ft lbs, ½” 85-95 ft lbs and 12mmx1.5 95ft lbs

If you have any additional questions please feel free to give us a call at 888-492-9394.