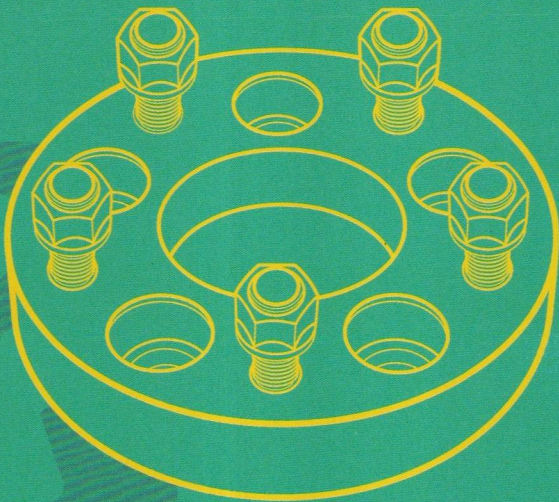




**YHT AUTO**



# **Wheel Spacers**

## **Installation Guide**

- 6 Please be sure to check the installation, the spacer should sit flush with the brake rotor without any gap.
- 7 Reinstall the car's wheels to their original positions and hand tighten the lug nuts up until they're firm against the center.
- 8 Safely lower the vehicle and torque the stock lug nuts on the wheels in the same star/crisscross pattern to their proper torque specifications.
- 9 Walk around your vehicle to inspect all the wheels individually and ensure that everything is aligned with the axle and nothing is affected.

The wheel spacers include open end lug nuts to secure the spacers onto your factory hubs, it is possible that your factory lug nut studs are longer than the thick of the wheel spacer itself. In this case, you may need to grind the factory wheel studs or purchase shorter lug bolts to replace them. Otherwise, it will greatly shorten the bolts' liftspan and may also bring dangers to you.

## Maintenance Tips

Retorque all lug nuts on the vehicle after the first 50-100 miles, and they should be retorqued every 3,000-5,000 miles. This is very important to ensure safety.

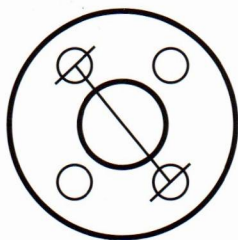


## Attention

If you are not qualified or lack the skill to do the installation, please consult with a professional technician. Please make sure to take the necessary safety precaution before operation.

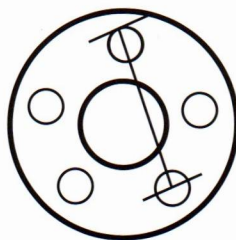
## How to Check the Compatibility

### • STEP-1 Measuring Vehicle Bolt Pattern



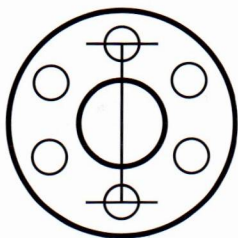
**4-Lug**

Middle of two holes directly  
across from one another



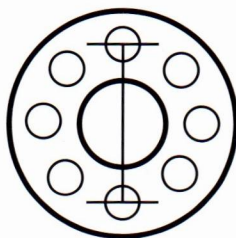
**5-Lug**

Back of hole to the center  
of the second bolt hole



**6-Lug**

Same as 4-lug



**8-Lug**

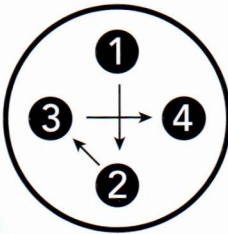
Same as 4-lug

Let's take the 5-lug wheel spacer as an example, if the distance of segment as measured in the above picture is 5.5", and as there are 5 lugs, the bolt pattern is commonly known as 5x5.5".

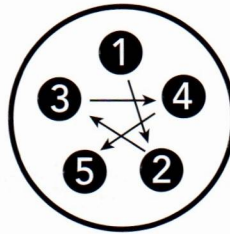
3 Inspect the rotors to make sure there is no any damage or cracks, then clean the hub thoroughly and ensure the surface is clean and smooth.

4 Place the wheel spacer on the studs of the hub and make sure the studs of the spacer face outwards.

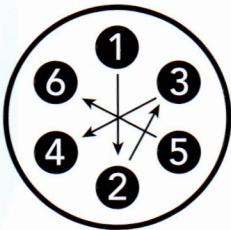
5 Install the supplied lug nuts in a star/crisscross pattern to the appropriate torque specification by using a torque wrench. To prevent loose, thread locker can be added during installation.



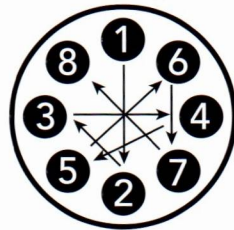
**4** Lug Tightening Pattern



**5** Lug Tightening Pattern



**6** Lug Tightening Pattern



**8** Lug Tightening Pattern

## ● **STEP-2** Measuring Hub Bore

Measure the diameter of the hub center bore of the wheel spacer and make sure that it is equal to or bigger than the axle diameter.

## ● **STEP-3** Measuring Thread Size

Check the stud/nut thread pitch, which must be the same as the vehicle's thread pitch.

Tips: If you feel resistance during the install process, it might be the wrong thread size for your vehicle

## General Torque Specifications

Stud Size	Typical Torque Range in Ft/Lbs	Minimum Thread Engagement(Turns)
12x1.5mm	70-80	6.5
12x1.25mm	70-80	8
14x1.5mm	85-90	7.5
14x1.25mm	85-90	9
7/16 inch	70-80	8
1/2 inch	75-85	8
9/16 inch	135-145	8

Proper torque of the lug nuts is very important, please tighten the lug nuts according to the appropriate torque specifications.

## Cautions in Installation and Using

- 1 Please check the year and model of your vehicle as well as the parameter of wheel spacers before installation. Purchasing the wrong ones may result in safety issues and damage to your vehicle.
- 2 Please do not use an impact wrench to install the wheel spacers, due to the possibility of under or over tightening.
- 3 Please do not proceed with the installation if your factory wheel studs or lug nuts make contact with the back of your wheels.
- 4 Please read the installation guide and your vehicle user manual carefully, we will be not responsible for any injury or loss by abnormal installation and improper use.

## Tools Required

Jack Stands

Socket Set

Floor Jack

Wire Brush

Torque Wrench

Brake Cleaner



## Installation Procedure

- 1 Start by parking your vehicle on a level surface, and remember to switch on Jack Mode if your vehicle is equipped with air suspension.
- 2 Loosen the lug nuts on the wheel you intend to mount the wheel spacers on and lift the vehicle by a floor jack properly, finish removing the wheels after that.