



WHEEL SPACER INSTALLATION INSTRUCTIONS

Only work underneath your vehicle after properly supporting it with adequate jack stands on a flat/level surface. **NEVER work under a vehicle only supported with a jack.**

Required Tools: 17mm deep socket, torque wrench, steel bristle brush / scotchbrite pad / steel wool, anti-seize

Dear Enthusiast,

Thank you for the purchase of our custom billet wheel spacers. We machine all of our wheel spacers from the strongest aluminum alloys and finish them in a brilliant, durable, corrosion resistant anodize coating.

Installation Procedure:

- 1) Remove all corrosion from vehicle hub/axle-stub with a steel bristle wire brush including all contact surfaces. If necessary, clean aluminum-alloy wheels with scotchbrite pad / steel wool to remove corrosion. These steps are necessary for ease of installation and to ensure a proper and secure fit of the wheel spacer. In extreme environments where corrosion is an issue, it may be desirable to apply a thin coating of an anti-seize product to all contact surfaces to ease in future disassembly.
- 2) Check to make sure that the wheel spacer fits flush and square against the hub/axle-stub, with the taper facing the inside of the vehicle.
- 3) Check to make sure that the wheel spacer fits flush and square against the inner mounting surface of the wheel.
- 4) In all applications, MAKE SURE THAT THE WHEEL BOLTS BEING USED ARE OF THE APPROPRIATE LENGTH. All applications will require wheel bolts that have additional thread length to compensate for the wheel spacer thickness. If aftermarket brakes have been used which utilize custom aluminum brake hats, be sure to take into account any increase in thickness of the brake hat over the stock rotor. This is often overlooked.

A guide to threaded bolt engagement can be seen in step (6).

- 5) Install the wheel spacer on the vehicle hub/axle-stub, ensuring it sits flush and that all mounting holes are aligned properly. Next, install wheel and torque the wheel bolts to the vehicle manufacturers specifications.
- 6) When installing wheel bolts, pay close attention to the number of turns the bolt makes from the initial thread-in to the time the wheel bolt bottoms on the wheel. This is best achieved by first installing the wheel with a minimum of three bolts, fully torqued. Now, take a fourth wheel bolt and count the number of turns until fully torqued.
 - For Audi M14 x 1.5 bolts, approximately 6-7 turns of the lug bolt should give full engagement of available threads in the vehicle hub.
- 7) After installing and properly torquing all five wheel bolts, slowly turn the wheel by hand and feel/listen for any indication of interference. If any interference is found, DO NOT ATTEMPT TO DRIVE THE VEHICLE.