

BILLET ALUMINUM WHEEL ADAPTERS

1 PAIR WITH LUG NUTS

- DURABLE, LIGHT WEIGHT 6061-10
- AIRCRAFT BILLET ALUMINUM ANODIZED FINISH
- HEAT TREATED FOR EXTRA STRENGTH

WHEEL ADAPTERS - INSTALLATION INSTRUCTIONS

- 1 Following your vehicle owner's manual, properly raise the vehicle and support it using adequately load-rated jack stands. Never work on a raised vehicle that is supported with a factory emergency, floor or bottle jack.
- 2 Remove wheels and inspect rotors for any damage or cracks. If any damage is identified, do not continue with this installation.
- 3 Remove any visible rust from the mating flange on the vehicle's rotor. Inspect both the rotor and wheel mounting flanges for burns, rivet heads, or other obstruction that would prevent a flush seating of the vehicle rotor's mounting flange to both the inner and outer side of the adapter. Improperly seated adapters are hazardous and may cause adapter failure, resulting in the loss of a wheel while driving the vehicle.
- 4 If proper seating can be achieved, mount the wheel adapter on to the vehicle's studs until it sits flush with the rotor's flange. Install the factory (or after market) conical seat, open-end lug nuts (not included with this kit). Tighten all lug nuts to 30 ft.lb. using a star pattern tightening sequence, then torque lugs to 150 ft.lb. using a torque wrench, following the same star pattern sequence.

DO NOT USE AN IMPACT WRENCH!

- 5 Place wheel on to the wheel adapter studs until the wheel mounting flange sits flush on the adapter's outer flange. Install the nuts (provided with the adapter) onto the lugs, tighten lug nuts to 30 ft.lbs. of torque using a star pattern tightening sequence, then torque all lug nuts to 150 ft.lb. following the same star pattern tightening sequence. **DO NOT USE AN IMPACT WRENCH!**
- 6 Check for proper tire clearance in the wheel well, making certain there is sufficient wheel and tire clearance for full steering (lock-to-lock).
- 7 If there is no interference, vehicle may be lowered. Once vehicle is on the ground under full load, recheck for adequate tire and wheel clearance and unobstructed lock-to-lock steering.
- 8 Re-torque all lug nuts after 50-100 miles of driving, then again every 2-3,000 miles.

IMPORTANT SAFETY INFORMATION

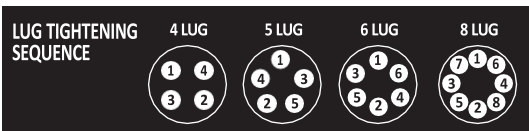
NEVER MODIFY a wheel adapter.

NEVER REMOVE the factory-installed studs on a wheel adapter.

NEVER USE an impact wrench for adapter installation.

DO NOT stack multiple adapters on a single wheel.

To avoid excessive loads on a 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. STEEDA assumes 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. STEEDA assumes no liability for injury, damage or repair costs resulting from improper installation or use.



LUG NUT INFORMATION

Lug nuts for bolting wheel adapter to vehicle:

Due to the variety of thread sizes and styles (left or right-hand thread), this kit does not provide lug nuts for mounting the adapter to the vehicle's hub. Open-end conical seat lug nuts are required. If you already have this style of nut, you may reuse them. If not, you must purchase a set to complete the installation.

Lug nuts for bolting wheel to wheel adapter:

The lug nuts included with wheel adapters have a conical seat and are for use on wheels that have conical lug nut seats. If your wheels use flat seat/mag wheel-style lug nuts, the enclosed lug nuts cannot be used. A set of lug nuts that are designed for use with your wheels must be purchased separately. For correct thread size, refer to the product dimensions chart located on the side of this box.

IF SUPPLYING YOUR OWN LUG NUTS.

MAG WHEEL NUTS // Check thread and length. Lug nuts must not bottom out on the adapter before the wheel is properly torqued. Any lug nut used must have a minimum of 9/16" effective thread engagement.

CONICAL/TAPERED // Lug nuts for installing adapter to vehicle hub must be open-end and have a minimum of 9/16" effective thread engagement. The end of the lug bolt must be at least flush with or extend beyond the end of the lug nut.