



Steering, Brake & Suspension Specialists

Installing Thread in Wheel Studs into CPP Aluminum Hubs

Note for GM cars:

• CPP recommends that cars driven in competition or with wheels larger than 19" use 1/2" wheel studs. Contact CPP to purchase replacement 1/2" wheel studs.

• 10 pieces of 1/2" wheel stud is part # H-47043K

Note for 6-Lug GM pickups:

• 7/16" studs are standard in all 6-lug kits and for most applications more than adequate, however if you have 1/2" studs on the rear axle or just prefer to upgrade for additional strength you need to contact CPP and arrange to exchange the standard hubs supplied in the kit.

• Contact CPP to upgrade from hubs with 7/16" studs to hubs with 1/2" wheel studs.

• C-10 modular drop spindles upgrade to 1/2" Stud Hub part #CP35023.

• Mustang II spindles upgrade to 1/2" Stud Hub part #CP35024

Note for hubs with double lug patterns:

Make sure to use the correct lug pattern.

Instructions for installing wheel studs into CPP hubs:

1. Apply a small amount of thread locking compound (Loctite) to the base of the threads; only where the threads will engage into the aluminum hub. Do not apply anywhere on to the wheel stud that will be engaged by the lug nut.

2. Screw the wheel studs into the hub.

Torque the 7/16 studs to 90lb/ft.

Torque the 1/2" studs to 100lb/ft.

This is very important!

CPP Aluminum Hub Wheel Installation Instructions

When installing wheels onto the CPP aluminum hubs, it is very important to follow these steps. Failure to do so could result in a broken stud, loose wheel, vibration or a damaged wheel.



Instructions for installing wheels onto the vehicle:

1. Before installing the wheels onto the hubs, verify that the lug nuts are correct for the wheel studs and correct for the wheels you are using. Check the length of the stud and lug nut. Make sure the lug nut will tighten the wheel against the rotor without bottoming out against the wheel stud or hub. 
2. After studs are installed in hub and before you install your wheels, apply a light coat of anti-seize to the wheel studs. Install the wheels carefully onto the studs. Do not drag the rim across the studs. This could cause damage to the studs or the wheel.
3. Thread the lug nut onto the stud until it reaches the wheel. Center the wheel on the lug nut and lightly tighten the nut to the wheel. Repeat this step until all of the lug nuts are lightly tightened to the wheel.
4. Begin to tighten each lug nut a little at a time in a crisscross pattern; after each nut is made a little tighter move across the wheel to tighten the next nut.
5. Torque each lug nut by hand in a crisscross pattern. Do not use an impact wrench!
Torque 7/16 inch lug nuts to 70 lb/ft. ***Avoid over-torquing!***
Torque 1/2 inch lug nuts to 85lb/ft.

Re-torque all of the lug the nuts after 25 miles.

*Short Distance is
Ford 5 on 5-1/2*

*Long Distance is
Chevrolet 5 on 5*



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