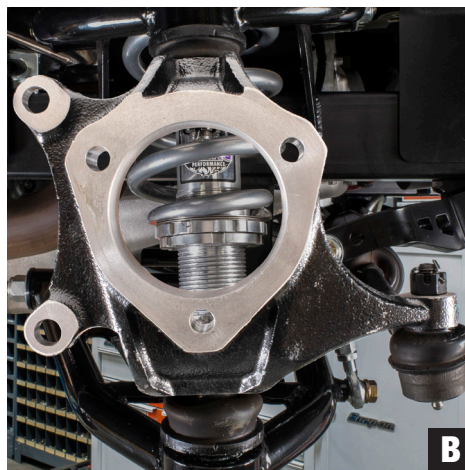
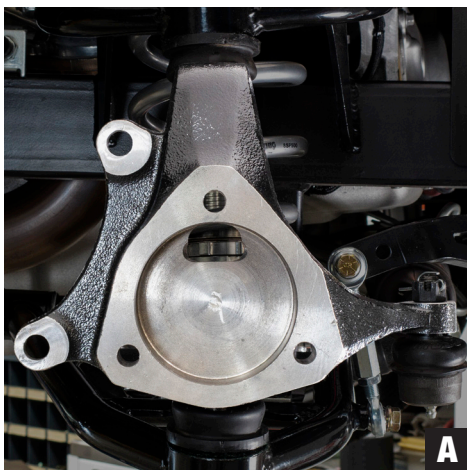




Steering, Brake & Suspension Specialists

Mustang II Corvette-Style Spindle/Hub Kit (For #M2CSS Stock-Height Spindles & #M2CSD 2" Drop Spindles)

The Mustang II Corvette-Style Spindles and Hubs are a direct bolt-on for most Mustang II suspension and steering systems. They also utilize the same caliper mounting points as C5 through C7 Corvettes, meaning most aftermarket Corvette big brake kits will work with this spindle and hub assembly. Another key feature in the design of this kit is the ability to bring the wheels inward for additional tire to fender clearance. The configurations include OE Mustang II wheel offset, negative 1/4" inward per side and negative 1/2" inward per side. Additionally, the wheel bearings come pre-installed in the hub assembly so there is no need to pack the bearings or set preload.



Instructions:

1. Notice the visual difference between the stock spindle (Photo A) and the drop spindle (Photo B).



2. Begin by installing the spindle on the ball joint stud of the lower control arm (Photo C).

NOTE: Shown with coil-over system installed (available separately) but also works with standard shocks and springs.

3. Then bring the upper control arm down and install the ball joint stud into the top of the spindle. Tighten both upper and lower castle nuts. (Photo D)

4. Attach the tie rod end to the steering arm of the spindle and tighten castle nut. (Photo E)

Continued on Next Page



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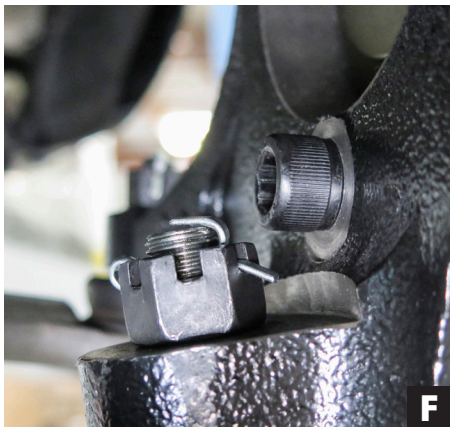


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Continued from Previous Page



5. Make sure to install cotter pins on the upper and lower ball joints studs and tie rod ends. If installing the drop spindle, it may be easier to wait until the lower hub bolt is installed before securing the lower castle nut with a cotter pin. (Photo F)

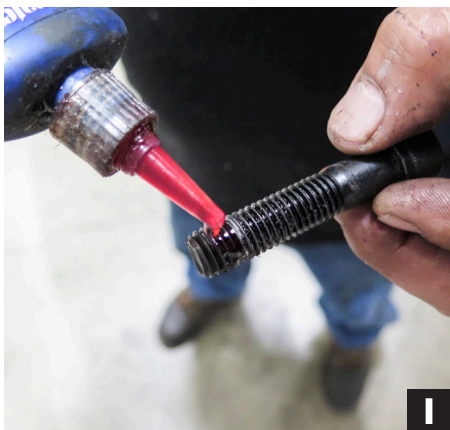
NOTE: At this point it is important to decide which wheel offset you desire (OE, -1/4" per side or -1/2" per side).



6. At this point it is important to decide which wheel offset you desire: Original, negative 1/4" per side or negative 1/2" per side (for maximum tire to fender clearance, use the negative 1/2" offset).
7. If you are setting up the spindles and hubs in the negative 1/2" offset, make sure to install one spacer per hub bolt (Photo G).



8. Next, if you are setting up the spindles and hubs for either negative 1/4" or OE offset, install the hub spacer on the back of the hub assembly. (Photo H)



9. Apply thread locker to the hub bolts before installation. (Photo I)



10. Install the hub to the spindle and tighten all three bolts, recommended torque spec is 96 foot lbs. (Photo J)



11. Next, if you intend to set up the spindle and hub for OE wheel offset, install the rotor spacer to the outer face of the hub. (Photo K)

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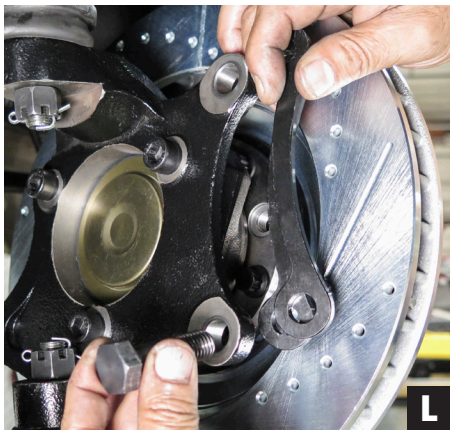


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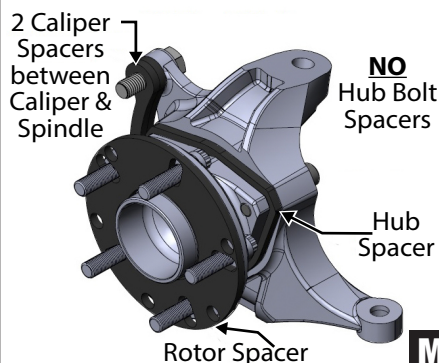
12. To install the brake caliper to the spindle, first install the rotor and thread on two lug nuts to hold the rotor flush against the hub. Both caliper spacers will be used to mount the brake caliper. (Photo L)

GENERAL TORQUE SPECIFICATIONS:

1/4"	grade 5	10lb/ft	1/4"	grade 8	14lb/ft
5/16"	grade 5	19lb/ft	5/16"	grade 8	29lb/ft
3/8"	grade 5	33lb/ft	3/8"	grade 8	47lb/ft
7/16"	grade 5	54lb/ft	7/16"	grade 8	78lb/ft
1/2"	grade 5	78lb/ft	1/2"	grade 8	119lb/ft
9/16"	grade 5	114lb/ft	9/16"	grade 8	169lb/ft
5/8"	grade 5	154lb/ft	5/8"	grade 8	230lb/ft

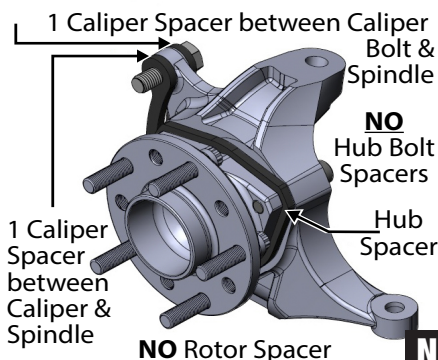
NOTE: With 18" and larger wheels we recommend 1/2" wheel studs. The larger the wheel diameter, the greater the force is on the wheel studs. Please inquire about replacement wheel stud kits available from CPP.

OE WHEEL OFFSET



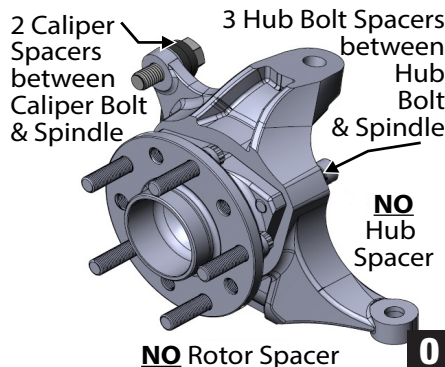
13. For an OE wheel offset, install both caliper spacers on the outside face of the spindle. (Photo M)

WHEEL OFFSET - 1/4"

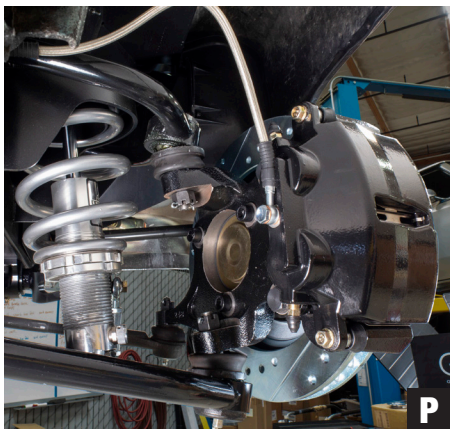


14. For negative 1/4" wheel offset, install one caliper spacer on the outside face of the spindle and one spacer on the back side of the spindle. (Photo N)

WHEEL OFFSET - 1/2"



15. For negative 1/2" wheel offset, install both caliper spacers on the back side of the spindle. (Photo O)



16. Proceed to finish the installation of your chosen Corvette big brake kit on your Mustang II Corvette-Style Spindle & Hub Assembly. (Photo P)

INSTALLATION, TECHNICAL, & TROUBLESHOOTING GUIDE



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Our comprehensive tech guide filled with helpful product information, technical diagrams, spec sheets, install tips & more!



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