



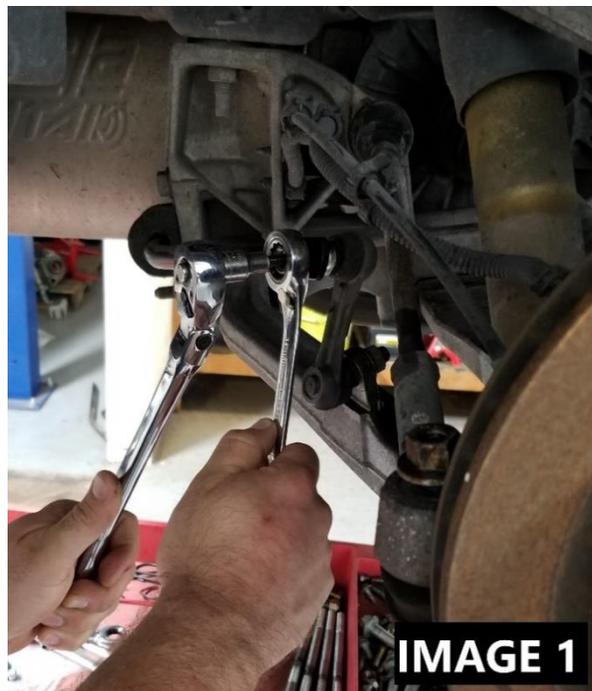
C5/C6 Corvette – Billet Spindle Installation

TOOLS REQUIRED:

- Hydraulic jack and jack stands
- Metric and standard socket and wrench set
- Mallet
- Hub nut socket
- Torx Bits

INSTALLATION:

1. Lift the rear of the vehicle and safely support on jack stands. Remove both rear wheels.
2. Disconnect rear sway bar endlinks **IMAGE 1**
3. Disconnect wheel speed sensor and parking brake cable
4. Unbolt brake caliper bracket and suspend from the frame **IMAGE 2**
5. Slide the rotor off the wheel studs
6. Remove the nut from the toe rod and disconnect the toe rod from the spindle **IMAGE 3**



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7. Disconnect the upper and lower shock mounts so the shock can be removed and out of the way **IMAGE 4**
8. Use an impact to back the hub nut off and drive the stub axle out of the wheel bearing.
9. Loosen the upper and lower ball joint nuts and knock the spindle loose from the ball joints **IMAGE 5**
10. Trim parking brake cable bracket as shown in **IMAGE 6** and bend slightly to clear the toe rod.
11. Transfer the parking brake assembly and wheel speed sensor from the old spindle to the new spindle.
12. Slide the new spindle onto the lower balljoint. The nut will need to be in place with the flange sitting in the recess to get the threads started. (NOTE: Depending on lower balljoints and axles used, it may be necessary to trim the top, unused threads from the ball joint in order to have proper axle clearance)

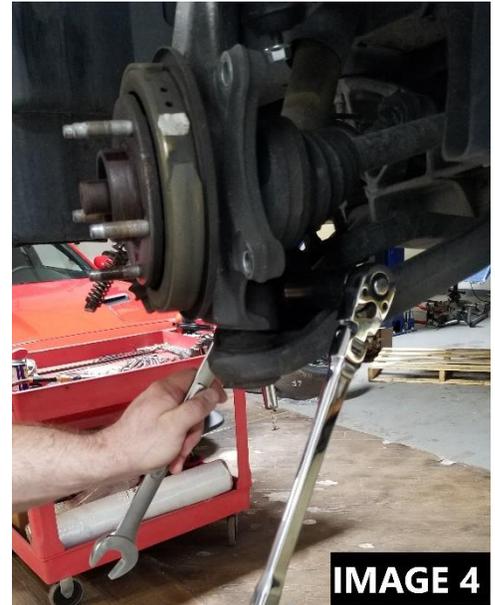


IMAGE 4



IMAGE 5



IMAGE 6

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13. Feed the axle stub through the wheel bearing. Attach the upper balljoint and torque both to factory spec
14. Put hub nut onto the axle stub and torque to specification
15. Reattach the wheel speed sensor and parking brake cable.
16. Slide the rotor onto the wheel studs and bolt the caliper on.
17. Put the wheels on the vehicle and lower to the ground.



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