



INSTALLATION GUIDE

2023+ Corvette C8 Z06 Sport Catalytic Converter Installation Guide (Coupe)

FS.CHEVY.C8Z06.SC



Difficulty



Tools Required

- Assorted sockets/wrenches
- Assorted extensions (wobble/straight)
- 5 point tamperproof T30 bit
- Swivel
- Scan tool.

CAUTION

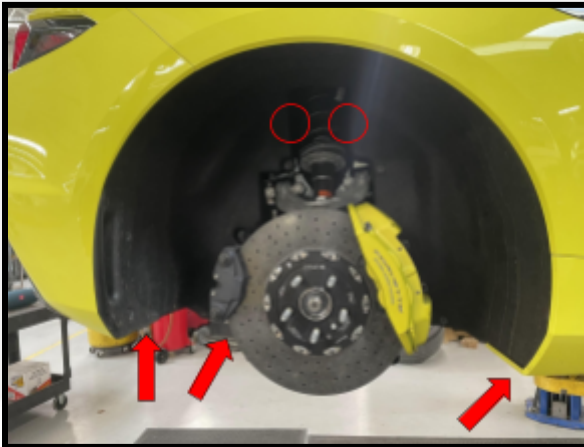
- Always allow car to cool before performing any installation(s) or service(s) on it.
- Always disconnect negative battery terminal before beginning service.
- Always be sure to work on an even and level surface when raising vehicle(s) with a jack and support all raised vehicles with locked jack stands once elevated.
- Fabspeed Motorsport recommends that all installations be supervised or verified by a trained professional technician.
- Fabspeed Motorsport is not responsible for any personal injury or damage(s) sustained to a vehicle during installation of aftermarket performance parts.



1. Raise the vehicle. A lift is strongly recommended.



2. Begin disassembly by removing rear wheels and wheel well liners. There is an assortment of push-pins, T15, and 7mm fasteners. One of the T15s is hidden behind the mudflap.





3. Remove the 2 rear undershields off of the vehicle. The large metal shield underneath the engine does not need to be removed.



4. Before the bumper can be taken off, the wing must be removed first. YOU MUST HAVE A 5 POINT TAMPER-PROOF T30 BIT. Once the wing is off, undo the 2 long 10mm bolts on each side.





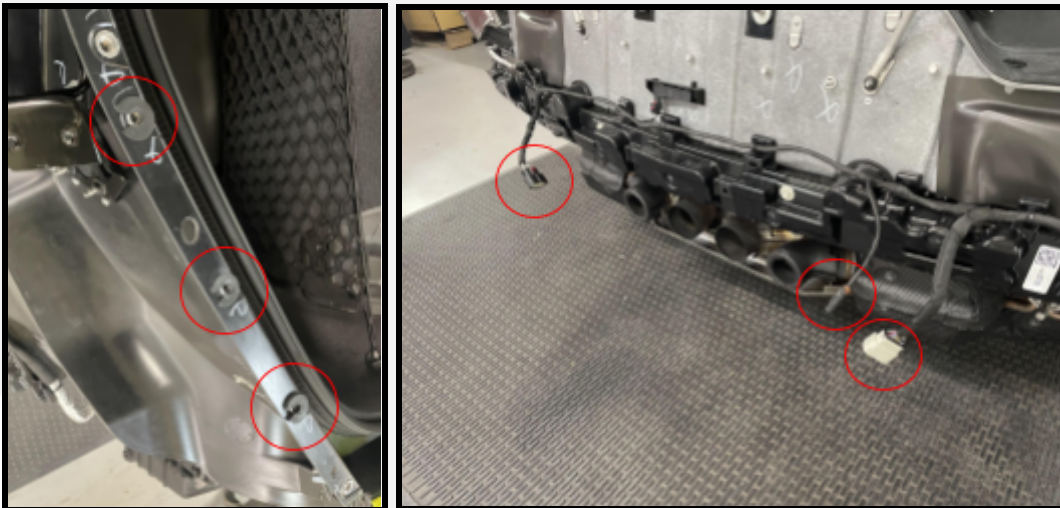
5. Reaching through the wheel wells, remove the 3 fasteners connecting the bumper to the body on each side.



6. The next step is to remove all of the T15 fasteners along the upper lip of the bumper. There are 2 that can be easy to miss, located farthest to the left and to the right.

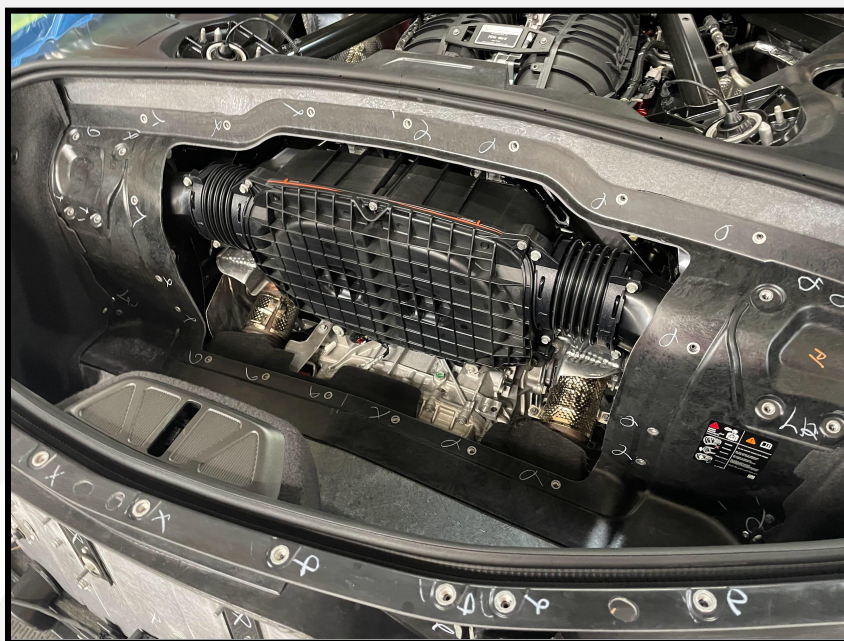


7. Now to pull the bumper off the vehicle. Be very careful while doing so, as there are shims included from the factory under the bumper itself. Take note of the quantity and position of these shims to assume proper panel gap upon reassembly. Additionally, there are 3 connectors that will have to be unplugged once the bumper is partially removed.





8. With the bumper removed, move onto the cargo area. Unthread the lower anchors for the cargo net, remove the anchors for the roof, as well as the push-pins on the floor. The carpeting is covering an access panel that you will need to take off.





9. We now have full accessibility to the muffler of the vehicle. The first thing to do before breaking any bolts loose is to unplug the exhaust valves. NOTE THAT A VALVE RELEARN MAY BE NECESSARY AFTERWARDS. While the car is in the air, reach through the right wheel well to get the bottom 13mm muffler flange nut.



10. Return back to the cargo area and remove the remaining 4 flange nuts.



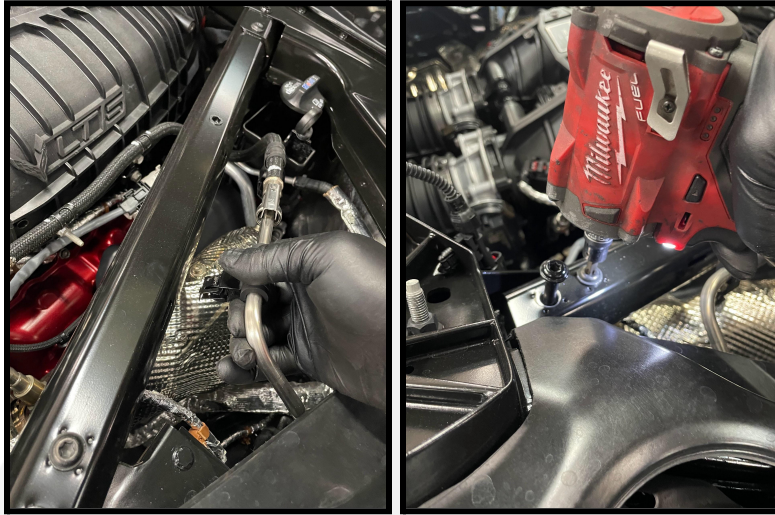


11. All that remains suspending the muffler are 4 hangers. Disconnect the rubber hangers in the wheel wells first, then unbolt the 2 rear ones after. The stock muffler weighs around 60lbs, so a 2nd set of hands is recommended when lowering the system.





12. Most of the work for getting the catalytic converters out is done in the engine bay area. Using a T40, remove both crossmembers, make sure to disconnect all lines and wires attached to them.

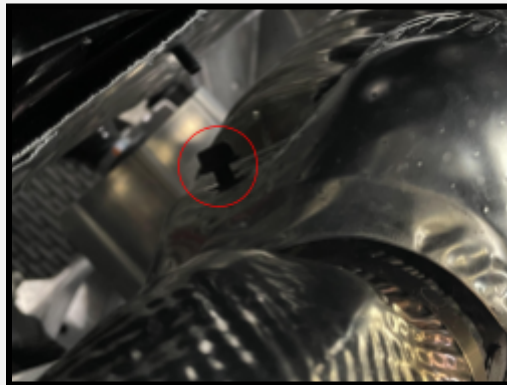


13. Unplug both secondary oxygen sensors, as they will come out with the factory converters.





14. Half of the heat shielding will have to be removed from each catalytic converter, with 4 8mm bolts for each. The smaller heat shields will also have to be removed to gain access to the other flange nuts.



15. The nuts for the converter flange are VERY TIGHT and will require a great amount of torque to break loose. The bottom nuts on each side can be difficult to reach.





16. With the flange hardware undone, you can then undo the hardware for the catalytic converter hangers and slide them out of the rear of the car. It is a tight squeeze, so note the orientation of the converters for each side.



17. Now that the factory catalytic converters are out of the car, swap over the gaskets and sensors to the new Fabspeed sport cats. It's also recommended to install the 2 long bolts on the left side cat before putting it in the vehicle. A small dab of grease can help hold the header/cat flange gaskets in place during installation.





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18. Once the sport cats are in the vehicle, reinstall the factory heat shielding and begin reassembly of the vehicle. Again, a valve relearn may be required to regain full function of the valves. Once the muffler is reinstalled, be sure to start the vehicle and check for leaks before fully reassembling everything. Some smoke/burning is normal upon initial start up. Afterwards, get out on the road and enjoy your new Fabspeed products!

If you have any questions, comments, or concerns related to your product, please contact us!