

# 2014-2019 CHEVROLET C7 CORVETTE

**CORSA**<sup>®</sup>  
PERFORMANCE



## IMPORTANT! WARRANTY AND INSTALLATION INSTRUCTIONS

*Please Forward All Information to End Consumer*

Be sure to review the enclosed instructions prior to beginning the installation process.



**NEVER** work on a hot engine bay.  
Allow time for the vehicle to cool.

INSTALL DIFFICULTY



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### RECOMMENDED TOOLS & SUPPLIES

- 7mm Socket & Ratchet or Nut Driver
  - 8mm Socket & Ratchet or Nut Driver
  - 10mm Socket & Ratchet or Nut Driver
  - Ratchet Extension
  - #2 Phillips Screwdriver
  - Torque Wrench
-

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Carbon Fiber Closed Box Air Intake.

Part #: 44001, 44001D

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**Please take time to read and understand these installation instructions.**

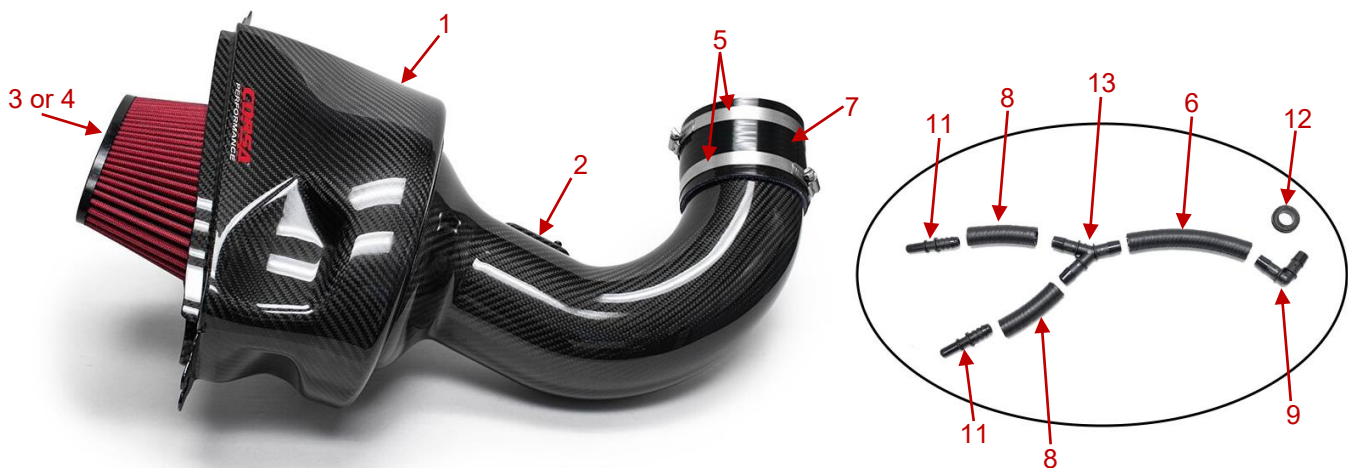
CORSA recommends that the installation of this system be performed by a qualified service center or professional installer who has the necessary equipment, tools, and experienced personnel. However, if you decide to perform this installation yourself, the use of an additional person may be required.

**WARNING:** Never work on a hot engine bay. Allow time for the vehicle to cool.

Check that this air intake complies with your Federal, State, and Local laws.  
We recommend saving your stock system.

This warranty does not extend to damaged or defect in the finish of a product or to any product, that in the opinion of CORSA Performance, has been misused, damaged by accident or negligence, altered or modified in any way, faulty installation or installed contrary to CORSA installation instructions, or repaired by an unauthorized service facility.

**Please confirm that all parts are present according to the bill of materials before beginning the installation.**



## PREASSEMBLED MATERIALS

1. 412227 – CORSA Carbon Fiber Air Box

2. 441302 – CORSA Carbon Fiber Air Duct

## FILTER OPTIONS

3. 5156P – MaxFlow 5 Oiled Filter

4. 5156DP – DryTech Dry Filter

## HARDWARE KIT (652135)

5. 52064 – #64 Clamp

2

6. 53008 - Ø½" x 4" Breather Hose

1

7. 53109 – Ø4" x 3" Silicone Sleeve

1

8. 53008 - Ø½" x 2½" Breather Hose

2

9. 59034142 – Ø½" x 90° Breather Fitting

1

10. 59034142 – MAF Screws (Not Shown)

2

11. 652117 – Ø½" to Ø¾" Bundy Fitting

2

12. 652126 – Ø½" Grommet

1

13. 652134 – Ø½" x 120° Wye Fitting

1

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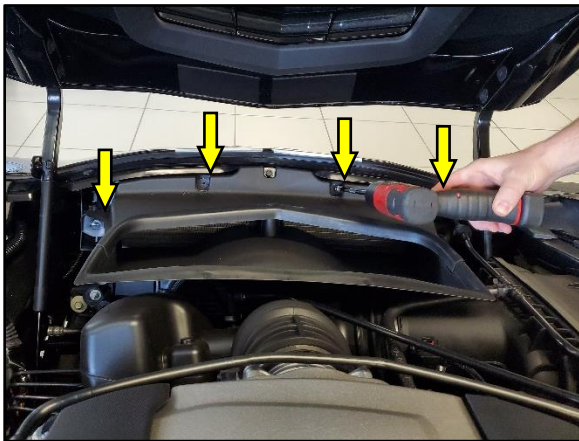
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*Locate the vehicle's battery and disconnect the negative battery cable.  
This may reset the computer and clear old air flow data to help prevent CEL errors.*

## REMOVAL INSTRUCTIONS

FACTORY INTAKE

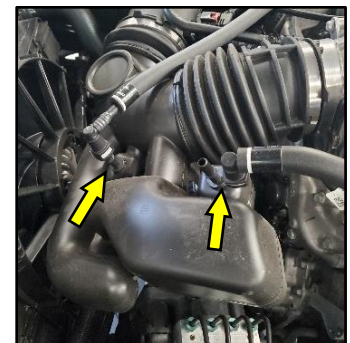


**1.** Locate and remove the 4 Screws securing the Radiator Air Outlet Duct with a 7mm Socket & Ratchet or Nut Driver.

**2.** Carefully remove the Radiator Air Outlet Duct and with the 4 Screws, set aside in a safe place. This will be reinstalled on Installation Step 16.



**Z51 Equipped**



**Non-Z51 Equipped**

**3.** Locate the MAF Sensor on the Stock Air Duct. Pull the **RED** Clip on MAF Sensor Plug. Squeeze the Black Tabs under **RED** Clip to release the Plug then pull the Harness from the MAF Sensor. Move the Wiring Harness out of the way for now.

**4.** Locate the Oil Breather Hose(s) on the Stock Air Tube. Remove the Breather(s) by squeezing the Gray Clip on the Fitting and pulling the Fitting from the Stock Air Duct.

A Z51 equipped vehicle has 1 Oil Breather Hose.

A Non-Z51 equipped vehicle has 2 Oil Breather Hoses.

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FACTORY INTAKE



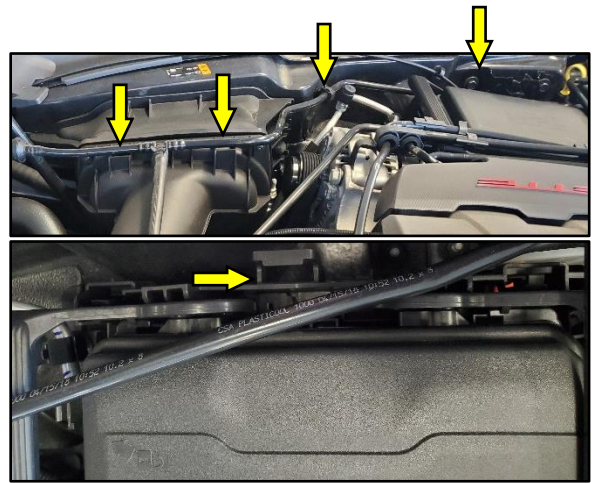
- 5.** Locate the clamp securing the stock Air Duct to the Throttle Body and loosen with an 8mm Socket & Ratchet or Nut Driver.



- 6.** Locate the clamp securing stock Air Duct to the stock Air Box and loosen with an 8mm Socket & Ratchet or Nut Driver.



- 7.** Carefully remove the stock Air Duct.



- 8.** Carefully remove the Surge Tank Coolant Hose from the 2 Hose Retainers on stock Air Box, Hose Retainer on the Fender, and the Hose Retainer between the Fuse Box Cover and Fender.

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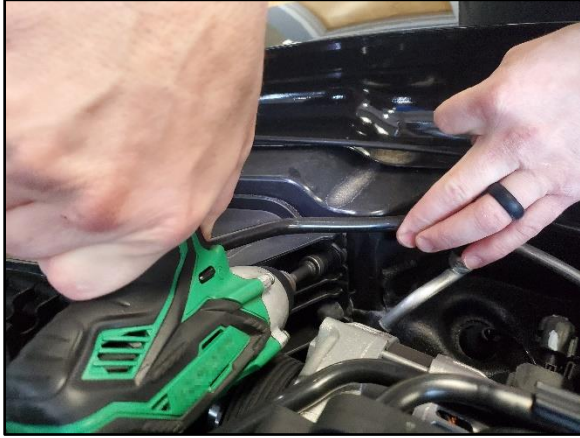
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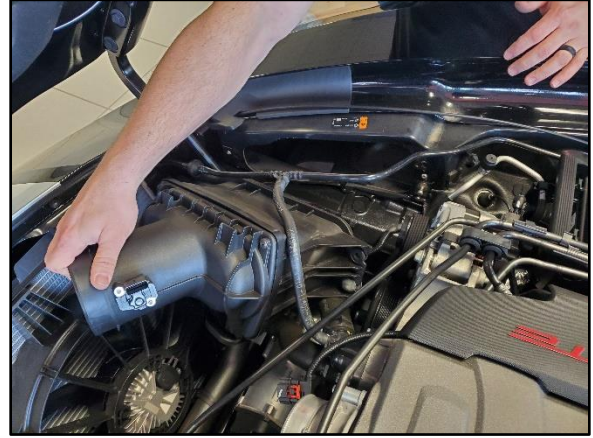
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## REMOVAL INSTRUCTIONS

FACTORY INTAKE



- 9.** Locate and remove the 2 screws securing the stock Air Box to the Fender with a 10mm Socket & Ratchet or Nut Driver.



- 10.** Carefully pull on the stock Air Box to release the remaining Mount and remove it from the vehicle. Ensure all the Mounting Hardware is in place on the stock Air Box. This will be needed in Installation Step 1.

This concludes the removal of the factory intake.



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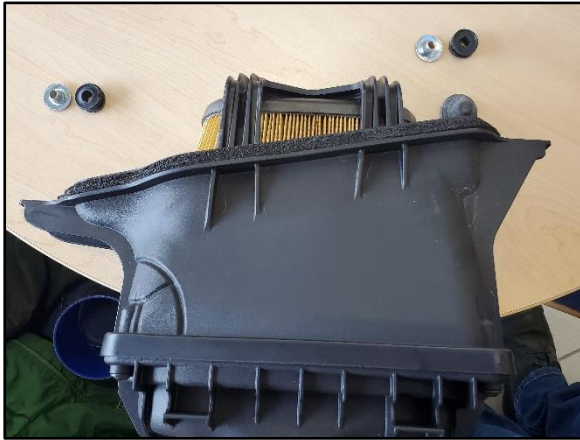
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## INSTALLATION INSTRUCTIONS

CORSA Carbon Fiber Air Intake



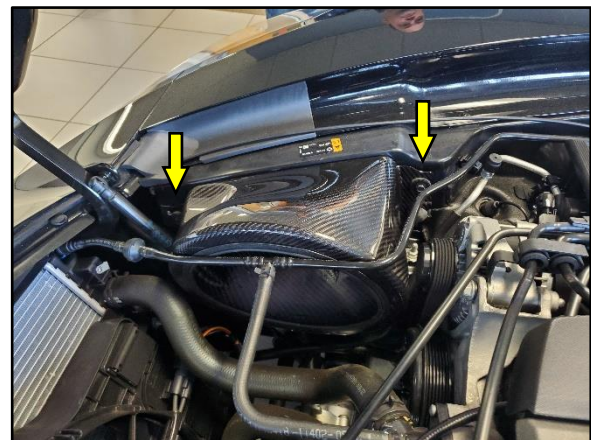
- 1.** Note the orientation and position of the 3 stock Mount Hardware and then carefully remove them from the stock Air Box. These will be reused.



- 2.** Assemble the 3 stock Mount Hardware into the CORSA Carbon Fiber Air Box in the same orientation and position as stock.



- 3.** Install the CORSA Carbon Fiber Air Box by first pushing the Lower Rear Mount onto the Stud on the Fender



- 4.** Install the 2 stock Mounting Bolts with a 10mm Socket & Ratchet or Nut Driver and torque to 80 in-lbs (9 N-m).

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## INSTALLATION INSTRUCTIONS

CORSA Carbon Fiber Air Intake

Reference [Removal Step 4](#) to determine if the vehicle is equipped with the Z51 option.



For vehicles equipped with the Z51 option, assemble the Oil Breather Adapter parts as shown.



For vehicles NOT equipped with the Z51 option, assemble the Oil Breather Adapter as shown.

5. Fully insert the Fittings into the Hose(s).
6. Install the Grommet into the Hole on the bottom of the elbowed portion of the CORSA Carbon Fiber Air Duct. Ensure it is fully seated on both sides of the CORSA Carbon Fiber Air Duct.
7. Carefully push the 90° Fitting of the assembled Oil Breather Adapter through the Grommet, ensuring the Grommet remains correctly seated on both sides of the CORSA Carbon Fiber Air Duct. The Oil Breather Adapter should be pointed toward the Driver's side when installed.



8. Locate the stock Air Box, then locate and remove the 2 MAF Screws. The screws will NOT be reused.
9. Insert the MAF Sensor into the CORSA Carbon Fiber Air Duct. Install the included black MAF Screws, using a #2 Philips screwdriver and torque to 35 in-lbs (4 N-m).

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10. Ensure the Clamp is seated on the Air Filter, then Slide the Filter and Clamp onto the CORSA Carbon Fiber Air Duct. Using an 8mm Socket & Ratchet or Nut Driver, torque the Clamp to 44 in-lbs (5 N-m).
11. After ensuring the Gasket is in place on the CORSA Carbon Fiber Air Box opening, carefully insert the CORSA Carbon Fiber Air Duct and Filter into the Air Box. Double check the Gasket between the Air Box and Air Duct is not pushed into the Air Box. When fully installed, the Filter and Clamp will not be visible.



12. Insert the Silicone Sleeve onto the CORSA Carbon Fiber Air Duct, then slide the 2 Clamps over the Silicon Sleeve. Next, insert the Silicon Sleeve onto the Throttle Body. Using an 8mm Socket & Ratchet or Nut Driver, torque the Hose Clamps to 44 in-lbs (5 N-m).
13. Locate the MAF Sensor Harness and push Plug onto the MAF Sensor. Push the RED Clip down on MAF Sensor Plug to lock it in place.

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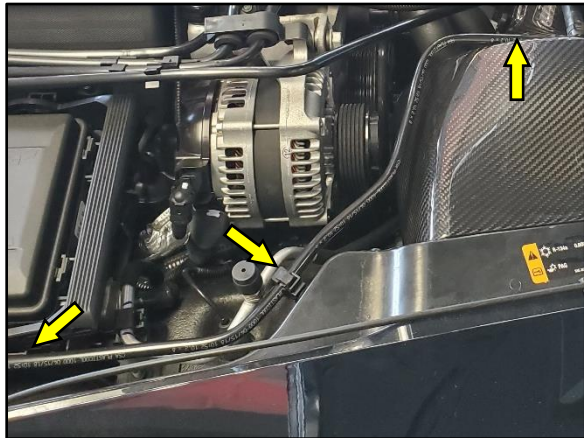
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CORSA Carbon Fiber Air Intake



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14. Reattach Surge Tank Coolant Hose to the Hose Retainer on the Fender, and the Hose Retainer between the Fuse Box Cover and Fender. Route the Surge Tank Coolant Hose along the Air Box and on top of the Air Duct.
15. Locate the Oil Breather Hose(s). Rotate the Oil Breather Adapter in the Air Duct (from Step 7) toward the Driver's side and plug the Breather Fitting(s) into the Oil Breather Adapter Fitting(s).



16. Locate and secure the Radiator Air Outlet Duct and the 4 Screws. Torque the 4 screws with a 7mm Socket & Ratchet or Nut Driver to 22 in-lbs (2.5 N-m).
17. Review the routing of all Hoses and the location of the any parts that were moved during the installation. Ensure everything is secured and away from any moving parts. Zip-Ties or similar may be required to secure everything properly.

This concludes the installation of the CORSA Carbon Fiber Air Intake.

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*Check that this air intake complies with your Federal, State and Local laws.  
We recommend saving your stock system.*

## BEFORE ROAD TESTING

1. Start engine, leaving the transmission in park and securing the parking brake.
2. Make sure to look and listen for any unusual noises or air leaks. Repair problems if needed.
3. Once completed it will be necessary to check periodically, after a few heat cycles, for realignment and tightening of all connections.

## MaxFlow 5 Oiled Filter CARE AND CLEANING

Check the MaxFlow 5 Oiled Filter periodically and remove any excessive dirt build-up by tapping the filter on the ground and brushing off the loosened dirt. Clean the filter by using a two stage cleaning kit to thoroughly clean and re-oil the filter. Re-oil every 10,000 miles without cleaning to improve filtering in sand and dirt. Clean only when dirt is very excessive or 50,000 miles.



5156P – MaxFlow 5 Oiled Filter



5156DP – DryTech Dry Filter