

**CORSA**  
PERFORMANCE

2020+ Chevrolet  
Corvette C8 6.2L

## IMPORTANT! WARRANTY AND INSTALLATION INSTRUCTIONS

*Please Forward All Information to Consumer*



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

### INSTALL DIFFICULTY



### RECOMMENDED TOOLS & SUPPLIES

- T15, T20, & T30 Torx Drivers or Bits
- 7mm, 8mm, 10mm Sockets
- 7/16" Socket
- 4mm Hex Wrench or Bit
- Philips Head Screwdriver
- 1/4" or 3/8" Ratchet
- Assorted Extensions and Swivels for Ratchet
- Trim Removal Tool
- Rotary Cutting Tool with Cutting/Sanding Disc
- Heat Gun

**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.

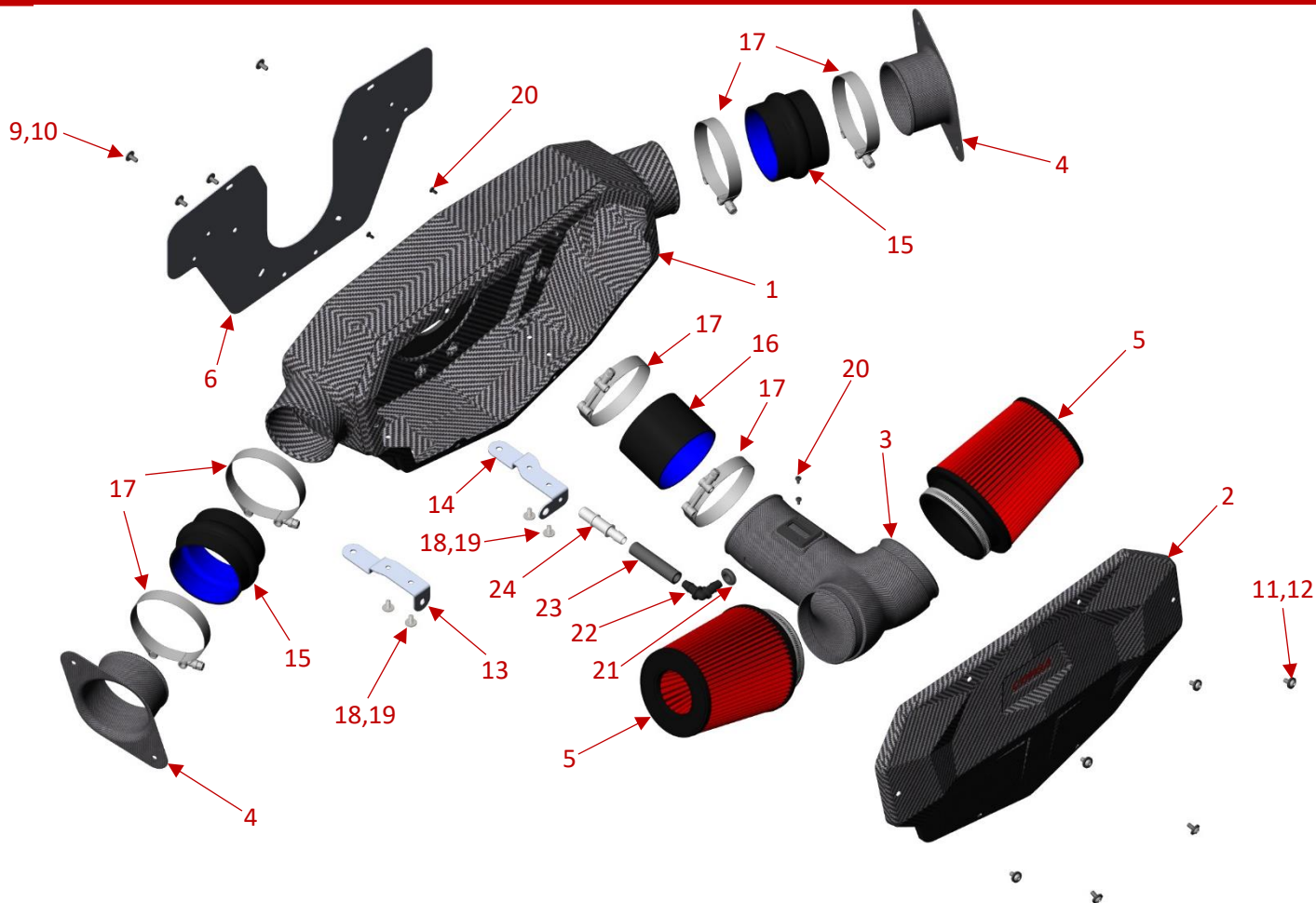
Check that this air intake complies with your Federal, State, and Local laws. We recommend saving your stock system.

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.

# 2020+ CHEVROLET CORVETTE C8

Dry Filter Closed Box Air Intake

Part #: 44003D



## PREASSEMBLED MATERIALS

1. Carbon Fiber Air Box (412233)	1	2. Carbon Fiber Air Box Cover (412234)	1	3. Carbon Fiber Air Duct (441319)	1
4. Carbon Fiber Air Inlet (441320)	2	5. Dry Air Filter (5166DNLP)	2	6. Aluminum Heat Shield (652170)	1
7. Inner Duct Gasket (652173) – Installed on Air Box	1	8. Outer Duct Gasket (652174) – Installed on Air Box	1	9. M6 X 12mm Button Head Bolt (59012231)	4
10. 0.25" x 0.625" Washer (59020104)	4	11. M6 x 12mm Button Head Black Bolt (59012232)	6	12. Rubber Washers (59025122)	6

## HARDWARE KIT

13. Driver Side Bracket (652171)	1	14. Passenger Side Bracket (652172)	1	15. Ø4.0" Hump Hose (53206)	2
16. Ø4.0" Silicone Sleeve (53109)	3"	17. T-Bolt Clamp (520438)	6	18. M6 X 12mm Button Head Bolt (59012231)	8
19. 0.25" x 0.625" Washer (59020104)	8	20. M4 x 8mm Pan Head Screw (59051208)	4	21. 0.50" ID Rubber Grommet (652126)	1
22. 0.50" Elbow Fitting (59034142)	1	23. Ø0.50" Breather Hose	3.25"	24. Quick Disconnect Fitting (652118)	1
25. Zip Ties (652175) – Not pictured	5				

*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**



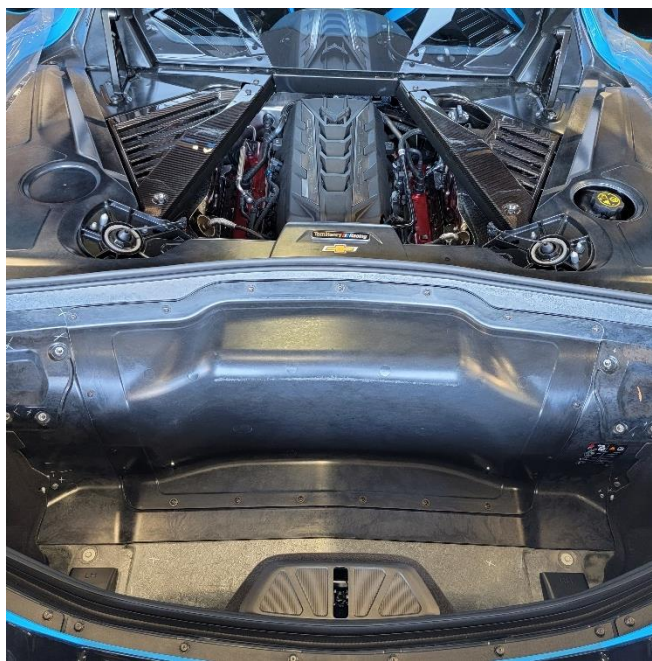
- 1.** Using a T15 Torx bit, remove the four screws securing each support bracket for the lift off roof.



- 2.** Unscrew and remove the two cargo net hooks.



- 3.** Remove the two lower carpet retaining clips on each side.

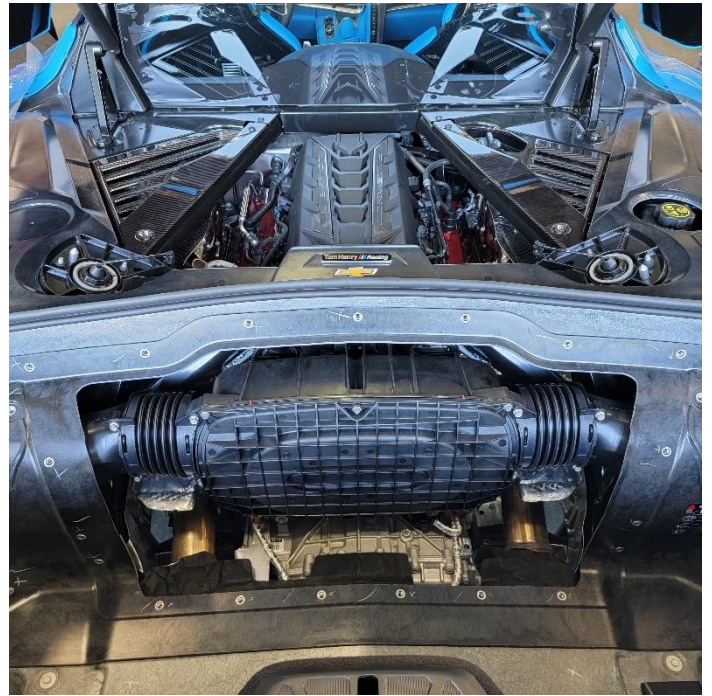


- 4.** Remove the carpet.

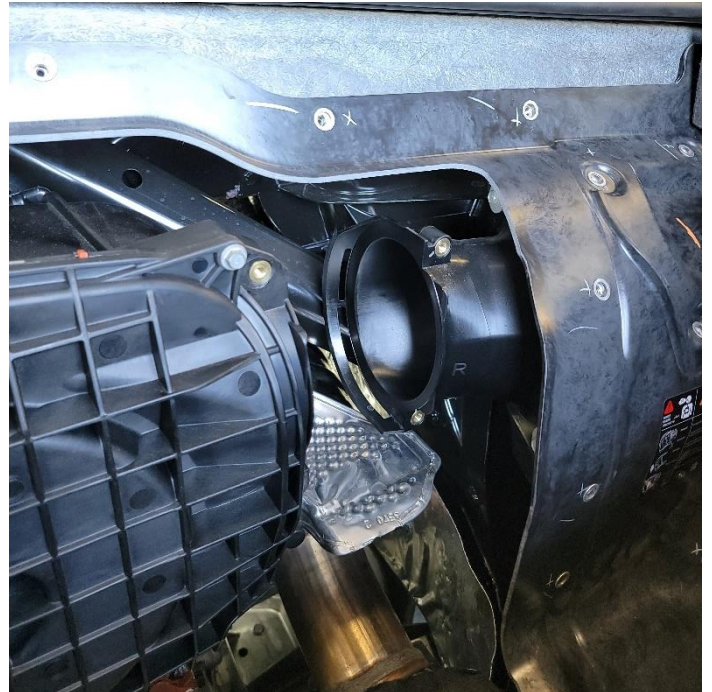
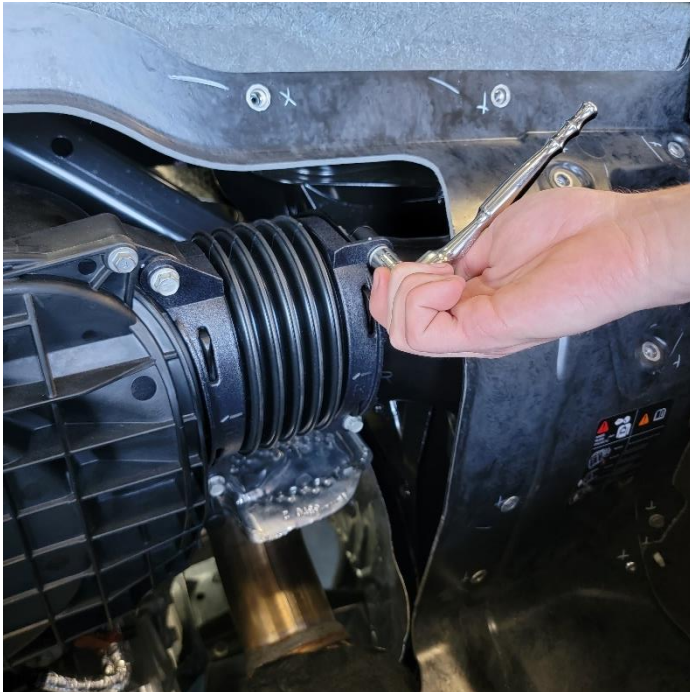
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### REMOVAL INSTRUCTIONS

### FACTORY INTAKE



- 5.** Use a T15 Torx bit to remove the 19 bolts from the rear panel. Remove the panel to gain access to the air intake.



- 6.** Remove the four bolts from the inlet duct using a 10mm socket and ratchet. Remove the inlet duct from vehicle. Repeat for other side.

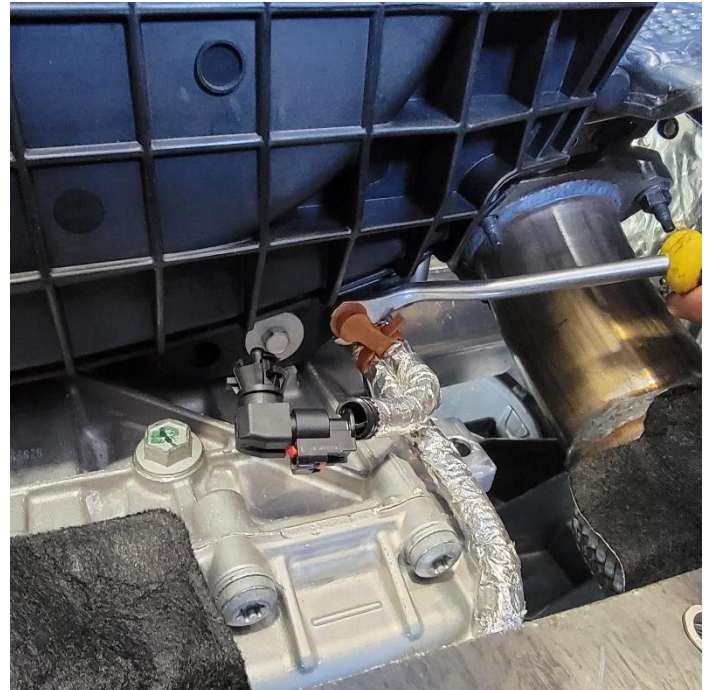
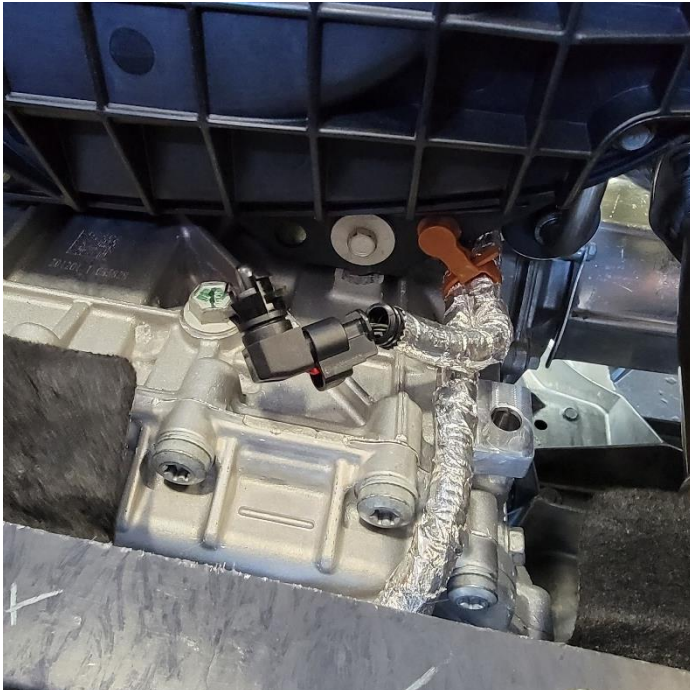
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### REMOVAL INSTRUCTIONS

### FACTORY INTAKE



- 7.** Remove the two bolts from the air inlet using a 10mm socket and ratchet. Remove the air inlet from vehicle. Repeat for other side.



- 8.** Remove the ambient temp sensor from the lower passenger side of the factory air box.
- 9.** Using a trim removal tool, remove the brown wire retention clip from lower area of air box. Repeat on other side.

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**REMOVAL INSTRUCTIONS**

**FACTORY INTAKE**



**10.** Remove the lower brown wire retention clips from engine side of the air box.

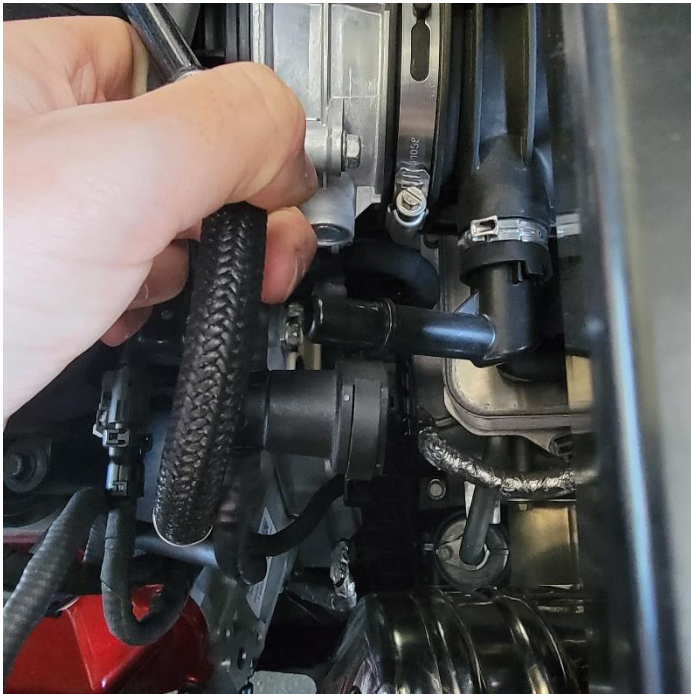


**11.** Use a 10mm socket with swivel, extension, and ratchet to remove the air box mounting bolts. There are two bolts on the trunk side and two on the engine side of the airbox.

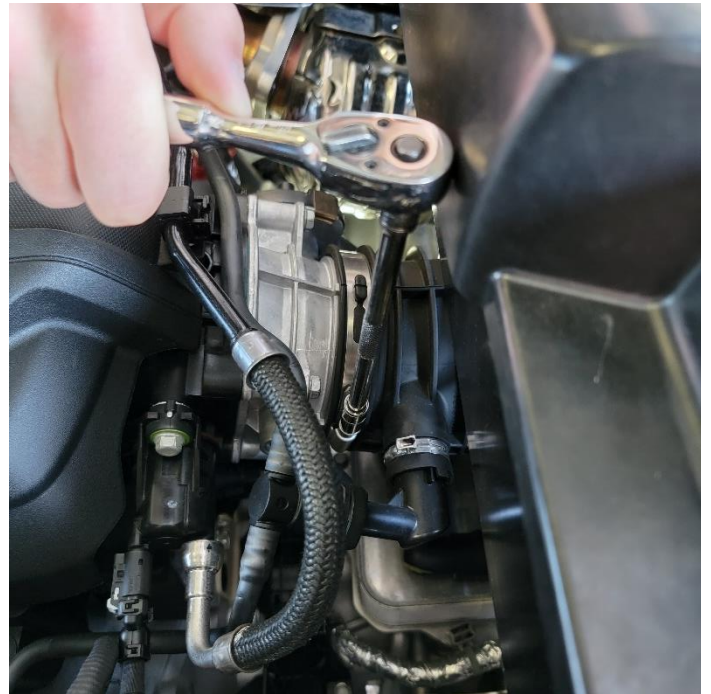
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**REMOVAL INSTRUCTIONS**

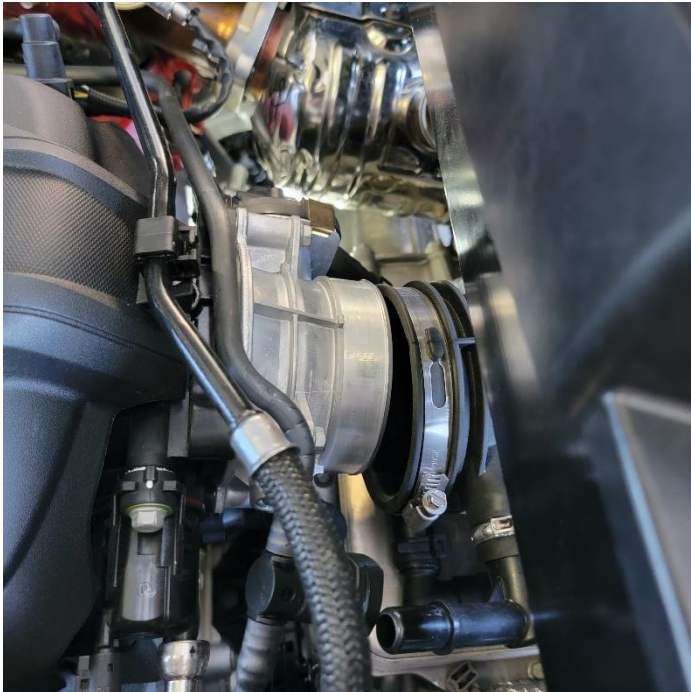
**FACTORY INTAKE**



**12.** Disconnect the breather line from the air duct.



**13.** Using a 7mm socket with ratchet, loosen the throttle body hose clamp.



**14.** Slide rubber intake hose off throttle body.

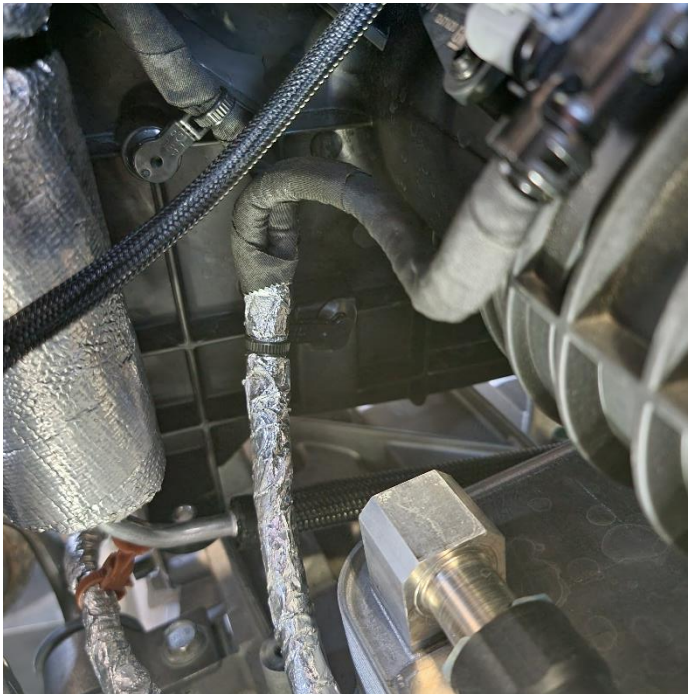


**15.** Pull the air box into the trunk as far as possible. Disconnect the wiring harness from the oblong shaped wiring harness retention clips, leaving the oblong portion of the clip attached to the air box.

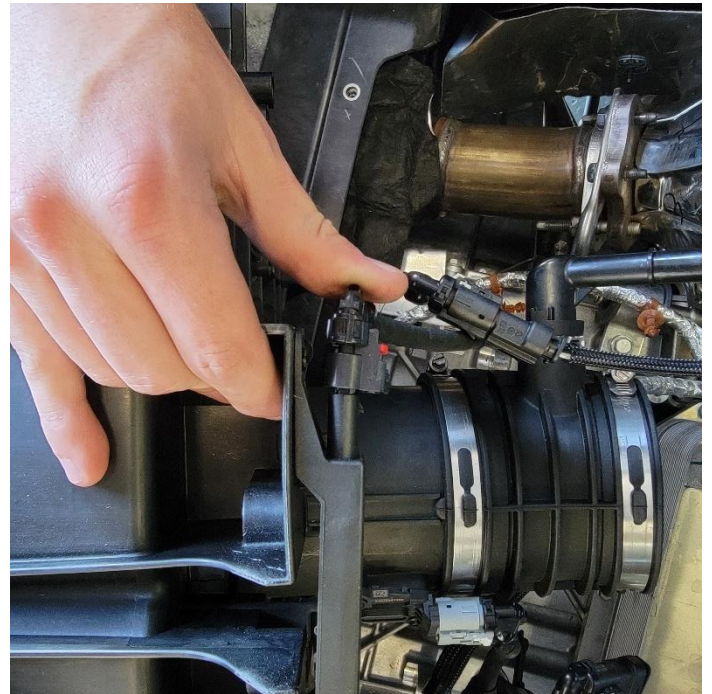
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### REMOVAL INSTRUCTIONS

### FACTORY INTAKE



**16.** Cut the cable tie for the canister mounted to the air box.



**17.** Unclip the wiring harness from the antenna mounted to the air box.

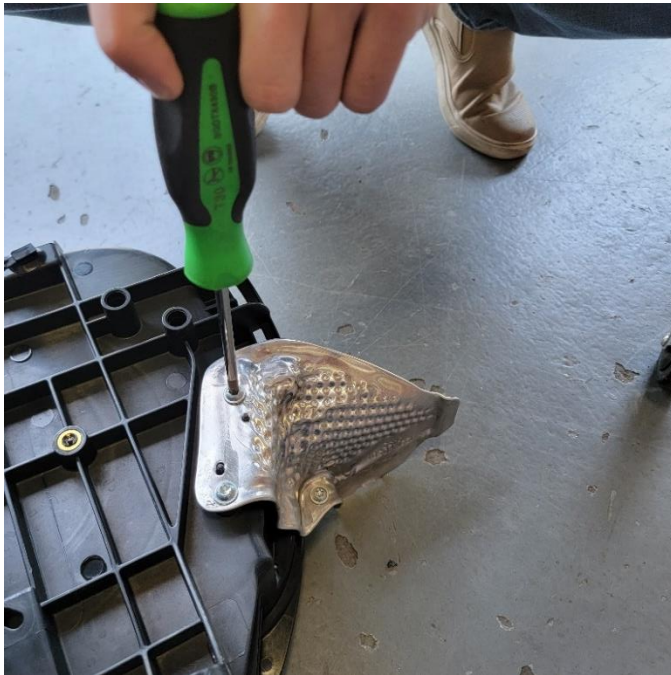


**18.** Unclip the wiring harness from the MAF sensor.



**19.** Remove the air box assembly from the vehicle.

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**REMOVAL INSTRUCTIONS**
**FACTORY INTAKE**


- 20.** Remove the 3 screws from the catalytic converter heat shield attached to the factory air box using a T30 Torx bit. Repeat for the opposite side. The heat shields will be used on the CORSA air intake system. Remove the four oblong wire retention clips that were disconnected in removal step 15 and save for installation.



- 21.** Remove the antenna from the air box by carefully cutting or grinding the plastic heat stakes mounting the antenna to the air box.

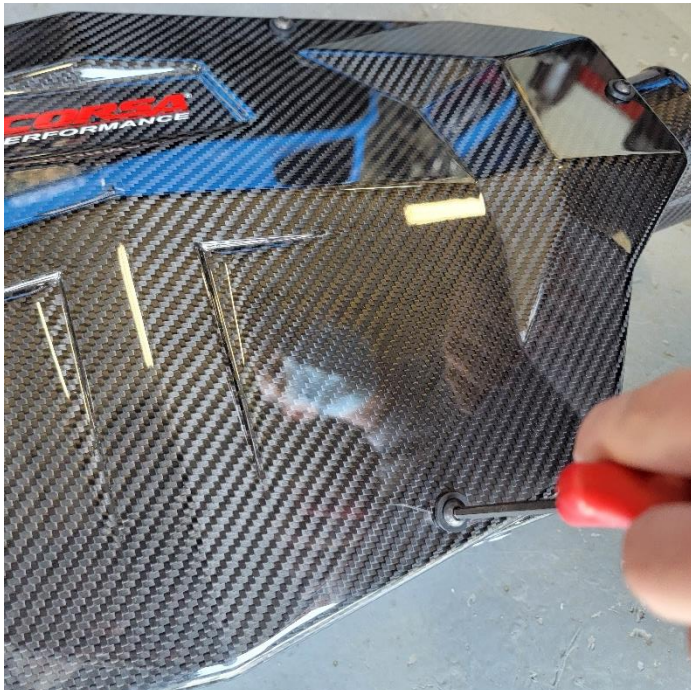


- 22.** Remove the two MAF sensor screws using a T20 Torx bit. Remove sensor from air box duct and set aside for installation of CORSA intake.

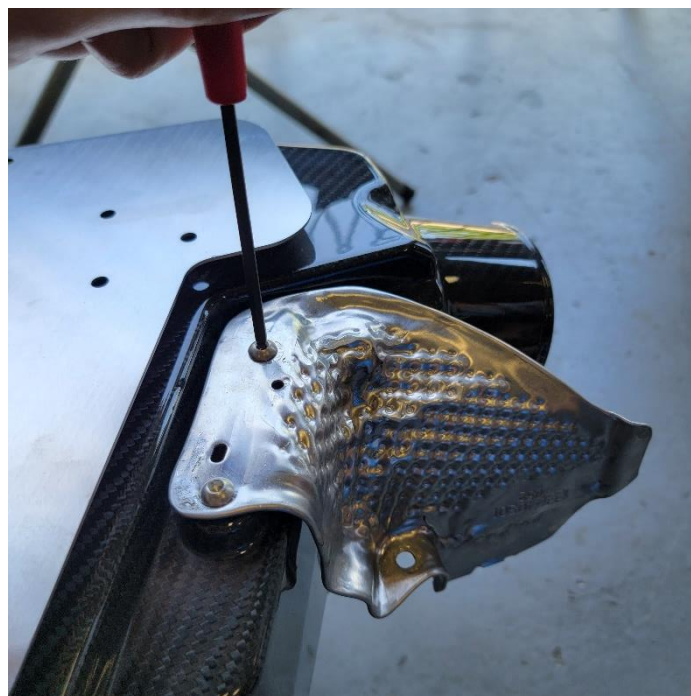
This concludes the removal of the factory intake.

### INSTALLATION INSTRUCTIONS

CORSA INTAKE



- 1.** Locate the CORSA air box assembly and remove the 6 cover bolts using a 4mm hex wrench. Remove the cover from the air box.



- 2.** Locate the factory heat shields removed from the factory air box in removal step 19 along with 4 of each of the M6 bolts and flat washers (Item #'s 18 & 19) from the hardware kit. Fasten the heat shields to the Corsa air box using a 4mm hex wrench.

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### INSTALLATION INSTRUCTIONS

CORSA INTAKE



- 3.** Locate the mounting brackets (item #'s 13 & 14) and 4 of the M6 bolts and flat washers (Item #'s 18 & 19) from the hardware kit. Fasten the brackets to the bottom of the air box using a 4mm hex wrench.



- 4.** Locate the 4 factory oblong clips removed in step 15 of the removal process. Insert them into the slots of the heat shield in the same orientation as they were installed on the factory air box. Locate two of the M4 screws (item # 20) and the antenna removed in removal step 21. Install the antenna to the airbox and tighten the screws with a Philips screwdriver.



- 5.** Locate the CORSA air duct and the Ø4.0" silicone sleeve (item # 16) from the hardware kit. Install the silicone sleeve 1" onto the duct.

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**INSTALLATION INSTRUCTIONS**

CORSA INTAKE



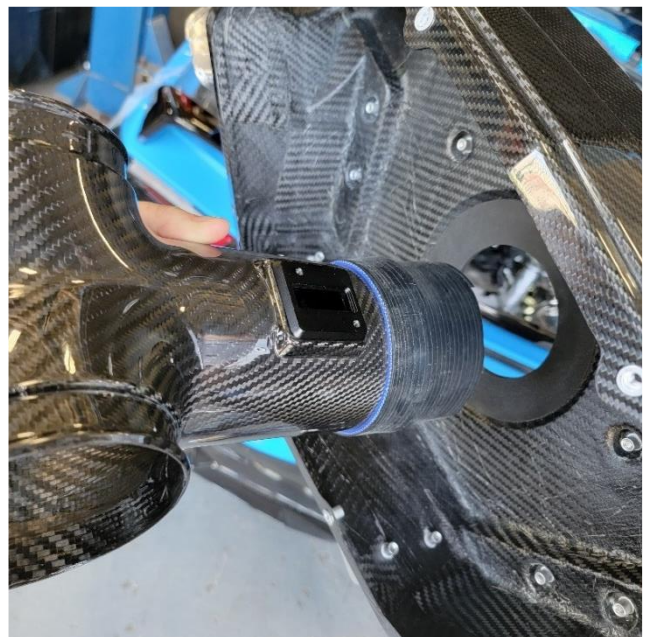
- 6.** Locate the rubber grommet (item # 21) from the hardware kit and install it into the duct.



- 7.** Locate the air inlet ducts (item # 4) and the factory hardware removed during removal step 7. Fasten the air inlet to the vehicle with the factory hardware using a 10mm socket and ratchet. Repeat on the other side.



- 8.** Locate the Ø4.0" hump hoses (item # 15) from the hardware kit and slide onto each air inlet. Using a soapy water solution will ease this installation.



- 9.** Slide the air duct assembly through the air box.

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### INSTALLATION INSTRUCTIONS

CORSA INTAKE



- 10.** Locate breather hose, elbow fitting and quick disconnect fitting (item #'s 22, 23, & 24) from the hardware kit and assemble. Using a heat gun to soften the breather hose will ease the installation of the fittings. Insert the elbow fitting into the grommet on the air duct.

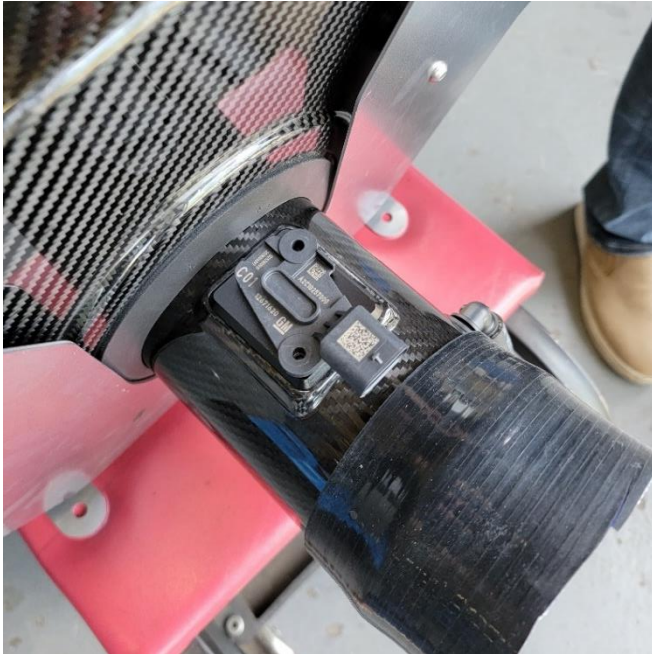


- 11.** Locate the two air filters (item # 5). Install one filter onto either side of the air duct, followed by the other side. Tighten the filter clamps using an 8mm socket and ratchet.

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## INSTALLATION INSTRUCTIONS

CORSA INTAKE



**12.** Locate 2 of the M4 screws (item # 20) from the hardware kit and the factory MAF sensor removed in removal step 22. Install the MAF sensor into the air duct and tighten the screws with a Philips head screwdriver.



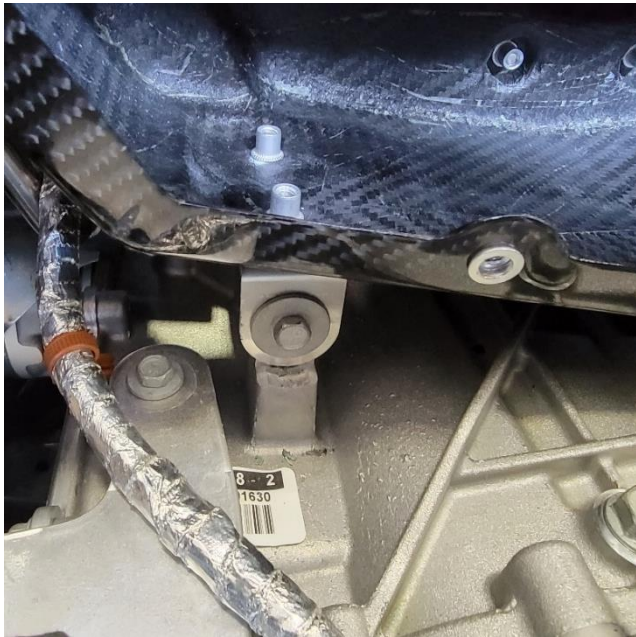
**13.** Locate 2 of the T-Bolt clamps (item # 17) from the hardware kit. Install the clamps onto the straight sleeve on the air duct. Tighten the one clamp securing the sleeve to the duct using a 7/16" socket and ratchet. Leave the other clamp loose at this time.

**14.** Install the air box and air duct into the vehicle through the trunk. Attach the wiring harness to the antenna mounted to the airbox. Clip the wiring harness for the MAF sensor and install the silicone straight sleeve onto the throttle body. Attach the breather line fitting to the factory connection. Use the zip ties (item #25) to reconnect the wiring harnesses to the aluminum heat shield. Reconnect the oblong wiring harness clips.

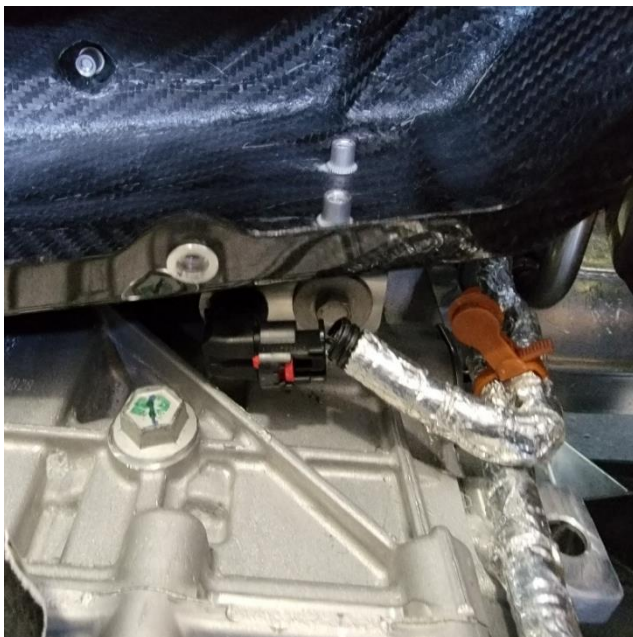
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### INSTALLATION INSTRUCTIONS

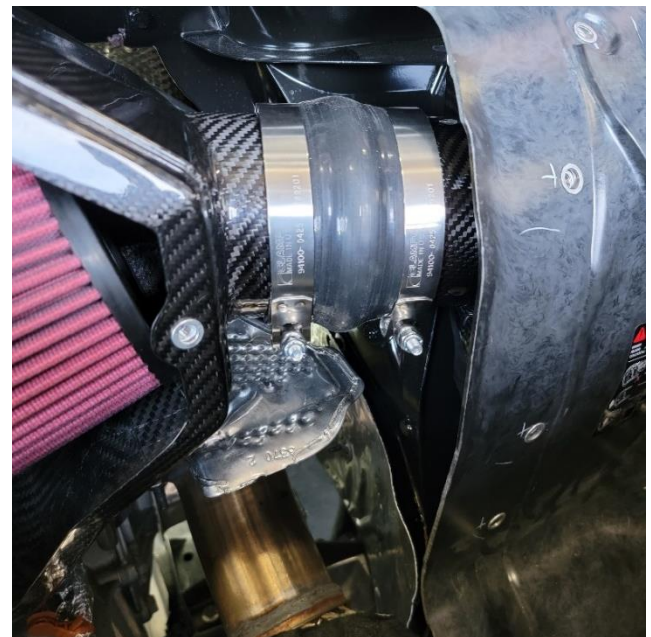
### CORSA INTAKE



- 15.** Locate the airbox mounting bolts from removal step 11. Align the mounting brackets to the mounting locations on the transmission. Start all four bolts by hand before tightening with a 10mm socket and ratchet. Tighten the throttle body clamp with a 7/16" socket and ratchet.



- 16.** Clip the ambient air temp sensor into the air box bracket.



- 17.** Locate the remaining 4 T-Bolt clamps (item # 17) from the hardware kit. Slide the hump hoses over the air box inlet and install the clamps onto the hump hoses with the bolts on the bottom. Tighten the clamps with a 7/16" socket and ratchet.

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## INSTALLATION INSTRUCTIONS

CORSA INTAKE



- 18.** Install the cover on the airbox using the same cover screws removed in installation step 1. Install the factory panel and carpet in reverse order of removal steps 1-5.

This completes the installation of your CORSA air intake system!

*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.

**Reference for Replacement Filters: Drytech 3D Filter Part # 5166**