



2023+ Chevrolet Corvette C8 Z06



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. If you have any questions about the enclosed parts or instructions, or if you encounter a problem during installation:

CALL TECHNICAL SUPPORT: 440.891.0999 or 800.486.0999

**TO ACTIVATE YOUR WARRANTY, GO TO:
corsaperformance.com/warranty**

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.

Full warranty available on **CorsaPerformance.com**



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



**Always wear eye protection
when working on a vehicle.**

Color instructions are available at CorsaPerformance.com. Search by kit number

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.

Always wear eye protection when working on a vehicle.

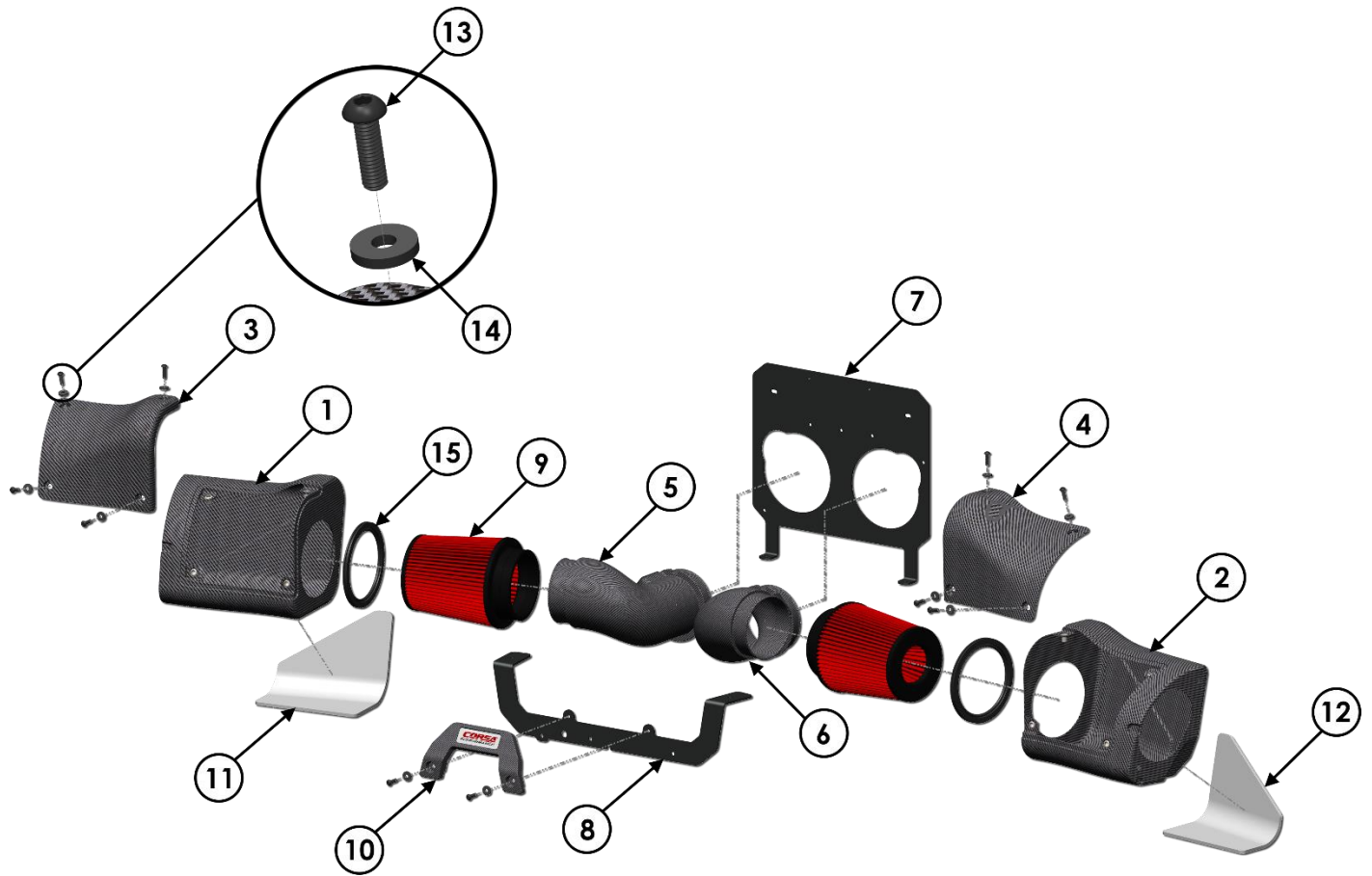
Recommended Tools & Supplies

- 7mm Socket & Ratchet or Wrench
 - 8mm Socket & Ratchet or Wrench
 - 10mm Socket & Ratchet or Wrench
 - T15 Torx Driver
 - T20 Torx Driver
 - T30 Torx Driver
 - Extension for Ratchet
 - Swivel for Socket & Ratchet
 - Wire Cutters or similar (to cut Zip-Ties)
 - 4mm Allen (Hex) Driver or Wrench
 - Trim Removal Tool or similar
 - Phillips Screwdriver
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INSTALL DIFFICULTY



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



Bill of Materials

1. CORSA Driver Side Air Intake Box (412241)	2. CORSA Passenger Side Air Intake Box (412242)
3. CORSA Driver Side Air Intake Box Lid (412243)	4. CORSA Passenger Side Air Intake Box Lid (412244)
5. CORSA Driver Side Air Duct (441333)	6. CORSA Passenger Side Air Duct (441334)
7. Wire Management Bracket (652300WBPC)	8. Mounting Bracket (652301WBPC)
9. CORSA DryTech 3D Filter (QTY 2) (5166D)	10. CORSA Logo Plaque (652321)
11. Driver Side Air Box Insulation (652325)	12. Passenger Side Air Box Insulation (652324)
13. M6 Screw (QTY 10) (59025132)	14. Rubber Washer (QTY 10) (59025122)
15. Air Duct Seal (56007 – 16in long) (QTY 2)	16. MAF Screws (QTY 4) (59051212) (Not Shown)
17. Push Pin Zip-Ties (QTY 5) (652175) (Not Shown)	

If something is missing, call CORSA Tech Support at 440.891.099 or Toll Free: 1.800.486.0999

Since battery power is required to open and close the Trunk on the Hard Top Convertible (HTC) Engine Cover (Hood), DO NOT DISCONNECT THE VEHICLE BATTERY AT THIS TIME.

Removal Instructions**Factory Air Intake**

For HTCs, begin at Step 3.

- 1.** Using a T15 Torx Driver, remove the 4 screws from both Upper Roof Storage Latches.

Store the Screws and Roof Storage Latches in a safe place. They will be reused in Install Step 24.



- 2.** Using a Trim Removal Tool or similar, remove the Push Pin Fasteners from the Lower Roof Storage Latches. There are 2 on each side, located at the back of the Vehicle's trunk floor.

Store the Push Pin Fasteners in a safe place. They will be reused in Install Step 24.

Continued on Next Page...

Removal Instructions**Factory Air Intake**

Coupe



HTC

- 3.** Remove the Net Attachment Clip-Nuts from corners of the trunk. Store the Net Attachment Clips in a safe place. They will be reused in Install Step 24.
- 4.** Next, lift the Trunk Carpet out and store it in a safe place. It will be reinstalled in Install Step 24.

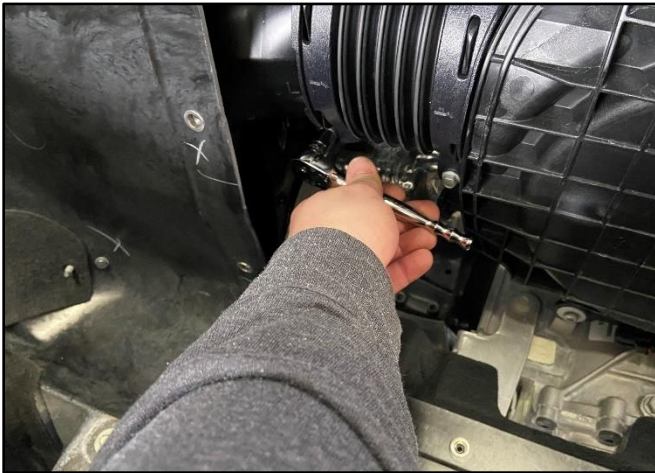


- 5.** Using a T15 Torx Driver, remove the screws that attach the Trunk Panel to the vehicle.

Then remove the Trunk Panel.

Store the Screws and Trunk Panel in a safe place. They will be reused in Install Step 22.

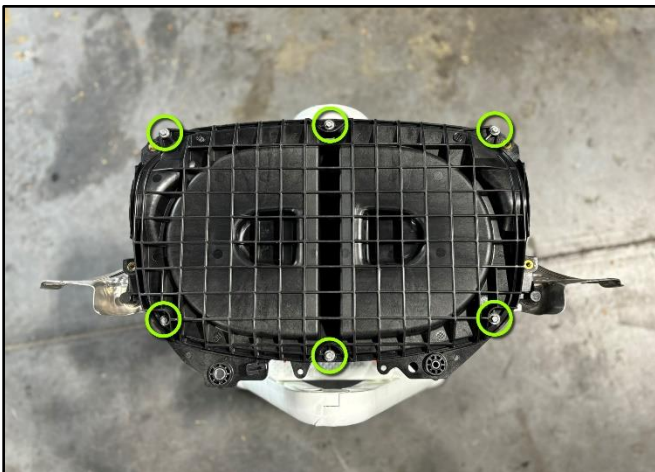
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Removal Instructions**Factory Air Intake**

- 6.** Using a 10mm Socket & Ratchet or Wrench, remove the 4 Screws holding the Factory Coupler attached to the Factory Air Inlet and Factory Air Box.

Repeat this step for the other side.

The Couplers and Screws will not be reused.

**For HTCs Only**

- 7.** Using an 8mm Socket & Ratchet or Wrench, remove the 6 Screws holding the Factory Air Box Cover to the Factory Air Box. A Swivel may help access some of the screws. Remove the Air Box Cover and set aside.

In the image, the Factory Air Box is removed to show the location of the 6 Screws.

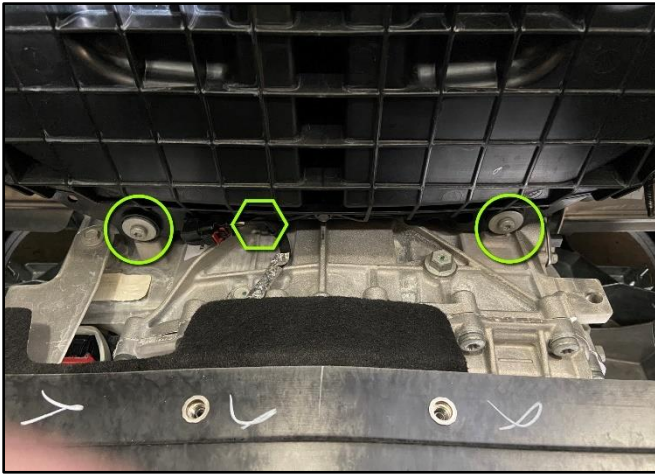
**For HTCs Only**

- 8.** Once the Factory Air Box Cover is removed, remove the Factory Air Filters and set them aside.

Continued on Next Page...

Removal Instructions

Factory Air Intake



- 9.** Using a T30 Torx Driver, remove the 2 Screws securing the rear of the Factory Air Box to the Transaxle. The screws are highlighted with circles in the image.

Store the Screws in a safe place. They will be reused in Install Step 8.

- 10.** Locate and disconnect the Trunk Temperature Sensor from the Wire Harness by pulling the red clip and then press the black button on top of the Wire Connector and carefully pull to release it.

Next, using a Trim Removal Tool or similar, carefully remove the Push Pin Zip Tie securing the Trunk Temperature Sensor wiring to the Factory Air Box. The Push Pin Zip Tie is highlighted with a hexagon in the image.

This Push Pin Zip Tie will be reused in Install Step 8.

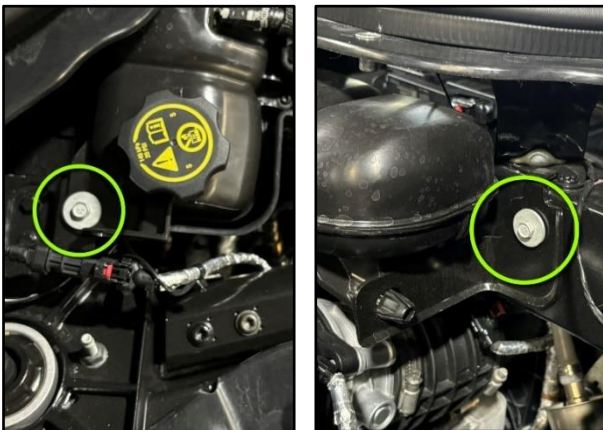


For HTCs Only

- 11.** Close the Trunk and open the Engine Cover. Using a T15 Torx Driver, remove the screws that attach the Engine Cover Panel to the vehicle.

Once all the screws are removed, remove the Engine Cover Panel.

Store the Screws and Engine Cover Panel in a safe place. They will be reused in Install Step 29.



For HTCs Only

- 12.** Using a 10mm Socket & Ratchet or Wrench, remove the 2 Screws securing the Coolant Tank Brackets.

Store the Screws and Brackets in a safe place. They will be reused in Install Step 28.

Next, pull the Coolant Tank toward the Engine, rotating the Driver Side of the Coolant Tank and place it between the Intake Manifolds. Coolant Lines do not need to be removed.

Continued on Next Page...

Removal Instructions

Factory Air Intake



- 13.** Locate and disconnect the Mass Air Flow (MAF) Sensor from the Wire Harness by pulling the red clip and then press the black button on top of the Wire Connector and carefully pull to release it.

Repeat this step for the other side.



For Coupes only:

- 14.** Using a 7mm Socket & Ratchet or Wrench, loosen the Front Clamps on both Factory Intake Flex Connectors.

For HTCs only:

Using a 7mm Socket & Ratchet or Wrench, loosen the Rear Clamps on both Factory Intake Flex Connectors. These can be accessed through the Engine Vent Opening.



- 15.** For HTCs, use a T30 Torx Driver to remove the 2 Screws securing the Factory Air Box to the Transaxle. An extension is suggested for this step.

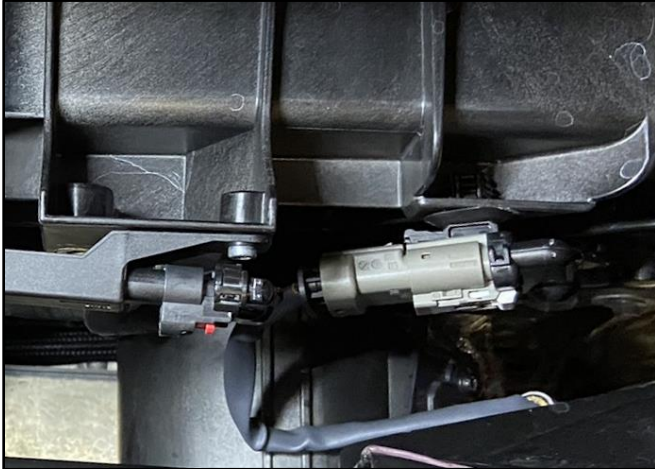
The screws are highlighted with circles in the image from an HTC, through the Engine Vent Opening.

For Coupe, the screws are located in the same location, but using a Swivel and long extension is recommended. Access these Screws by angling along the Factory Intake Flex Connectors.

Store the Screws in a safe place. They will be reused in Install Step 4.

This is the most difficult step. So, take extra time to not cause any damage and not drop the Screws.

Continued on Next Page...

Removal Instructions**Factory Air Intake****For HTCs Only:**

- 16.** Release the 2 Wire Connections from the Oval Push Pin Mount by pulling the Black Lever and sliding the Wire Connection off the Oval Push Pin Mount. The Oval Push Pin Mount should remain on the Factory Air Box and will be reused in Install Step 1.

Next, disconnect the Proximity Antenna from the Wire Harness by pulling the red clip and then press the black button on top of the Wire Connector and carefully pull to release it.

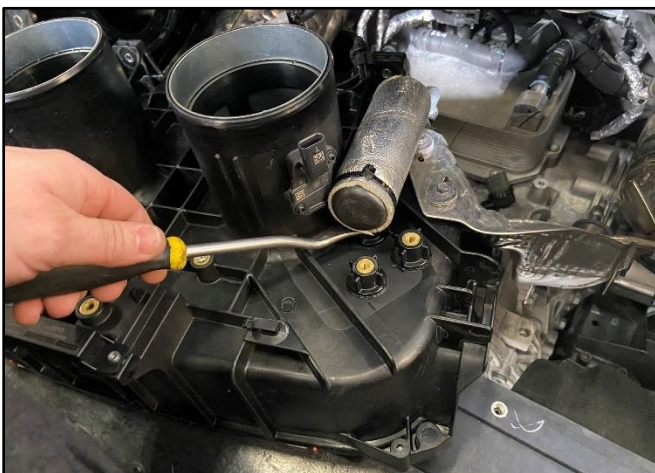
Once this step is completed, move the Coolant Tank back to its original position, close the Engine Cover and open the Trunk.

These connections are not accessible on the Coupes and will be disconnected in Step 17.

- 17.** Next, remove the Factory Air Box. While removing, extra care must be taken to ensure the Wiring Harness and Transaxle Vent attached to the front side of the Air Box are not damaged.

For Coupe, remove the Factory Air Box by pulling the Air Box away from the engine to release from the Intake Flex Connectors. Once released, lay the Air Box so the Air Intake Ducts are pointing up.

For HTC, remove the Factory Air Box by pulling the Air Box away from the engine to release from the Intake Flex Connectors. Once released, rotate the Air Box so the Air Intake Ducts are pointing down. The Air Box is larger than the Trunk opening, so rotating the Ducts down allows it to fit out of the Engine Bay. Once the Air Box is out of the Engine Bay, lay the Air Box so the Air Intake Ducts are pointing up.



- 18.** Using a Trim Removal Tool or similar, carefully remove all the Push Pin Zip-Ties securing the Wiring Harness and Transaxle Vent to the Factory Air Box. If any break, 5 are supplied in the Hardware Kit.

Continued on Next Page...

Removal Instructions**Factory Air Intake**

- 19.** Using a T20 Torx Driver, remove the screws that attach the Proximity Antenna to the Factory Air Box.

Store the Screws and Antenna in a safe place. They will be reused in Install Step 2.



- 20.** Locate and remove the Trunk Temperature Sensor from the Factory Air Box by squeezing the 3 tabs on the back side.

Store the Sensor in a safe place. It will be reused in Install Step 7.



- 21.** For Step 22, locate and arrange the CORSA Carbon Fiber Air Ducts as shown, with the Driver Side duct on the left and Passenger side on the right.

Continued on Next Page...

Removal Instructions**Factory Air Intake**

- 22.** Using a T20 Torx Driver, remove the 4 screws that attach the MAF Sensors to the Factory Air Ducts.

The screws are not reused.

PRO TIP

While it is removed, now is a convenient time to clean the MAF Sensor. There are many resources online or at your local auto parts store about how and what to use to properly clean a MAF Sensor. Ensure the MAF Sensor is dry before reinstalling it into the CORSA Air Intake.



- 23.** Transfer the MAF Sensor to the corresponding CORSA Carbon Fiber Air Duct. Do not change the side from Factory to CORSA ducts. Driver side to Driver side and Passenger side to Passenger side.

Next, use a Phillips Screwdriver and the supplier MAF Screws, install the MAF Sensor to the CORSA duct.

Repeat Steps 22 and 23 for the other MAF Sensor and Air Duct.

Place the assembled Ducts and MAF Sensors in a safe place until Install Step 10.

Continued on Next Page...

Removal Instructions**Factory Air Intake**

- 24.** Using a 10mm Socket & Ratchet or Wrench, remove the 2 Screws securing to the Factory Air Inlets.

Repeat this step for the other side.

Store the Screws in a safe place. They will be reused in Install Step 12.



- 25.** For HTCs, close the trunk and open the Engine Cover. The coolant tank will need to be moved to complete this step.

Using a 7mm Socket & Ratchet or Wrench, loosen the remaining Clamps on both Factory Intake Flex Connectors and remove the Intake Flex Connectors from the Engine.

Store the Flex Connectors and clamps in a safe place. They will be reused in Install Step 10.



This concludes the removal of the factory intake.

Install Instructions**CORSA Air Intake**

1. Inspect the Wiring Harness and Transaxle Vent Push Pin Zip-Ties. If any are broken, use the supplied Push Pin Zip-Ties and press them into the corresponding holes in the CORSA Wire Management Bracket. Make sure the Wire Management Bracket is laying with the Mounting Flanges down and install the Push Pin Zip-Ties up.

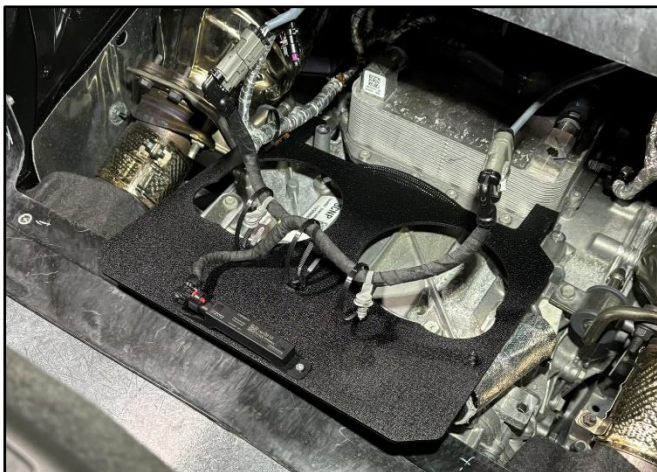
Also, remove the Oval Push Pin Fasteners from the Factory Air Box and install them in the oval openings in the Wire Management Bracket.



2. Locate the Proximity Antenna and the Factory Screws from Removal Step 19.

Using a T20 Torx Driver, install the Proximity Antenna to the CORSA Wire Management Bracket. Make sure the Bracket is laying with the mounting flanges down. The Wire Harness Connection will point to the LEFT.

On the top of Wire Management Bracket, there are threaded holes for the Factory screws.

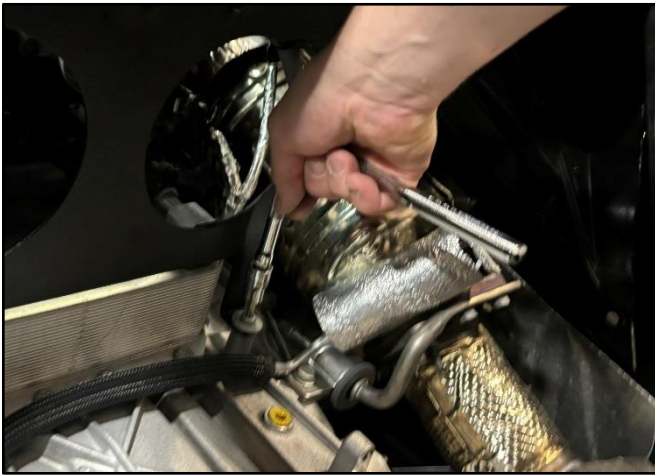


3. **For HTCs**, move the Coolant Tank back to its original position, close the Engine Cover and open the Trunk.

Lay the CORSA Wire Management Bracket on the vehicle's Transaxle, with the mounting flanges down and Proximity Antenna up. Arrange the wiring harness as shown and reconnect the Proximity Antenna wiring harness.

Next, loosely secure any supplied Push Pin Zip-Ties. Do not fully secure the Zip-Ties at this time.

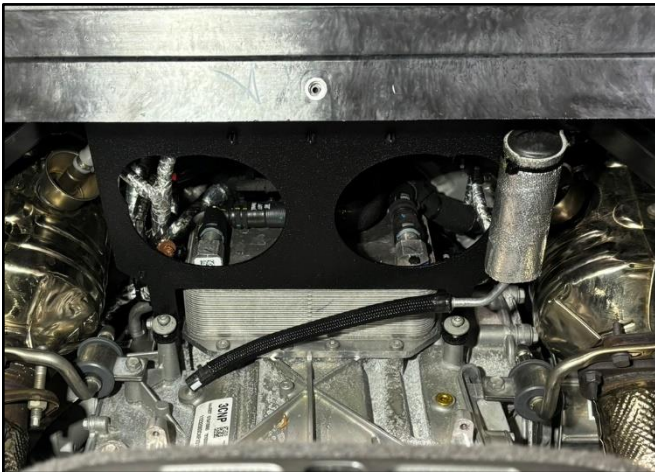
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Install Instructions**CORSA Air Intake**

- 4.** Locate the Screws from Removal Step 15.

Stand the CORSA Wire Management Bracket up and place the Mounting Flanges onto the Front Factory Air Box Mounts.

Using a T30 Torx Driver, tighten the 2 Screws to secure the Wire Management Bracket to the front attachment points on the Transaxle.



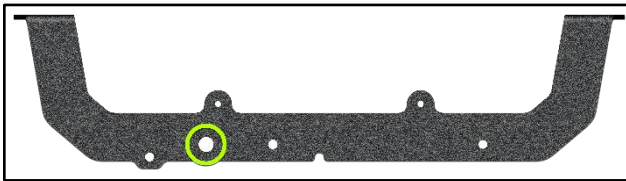
- 5.** Insert the Push Pin Zip-Tie on the Transaxle Vent into the Wire Management Bracket as shown.



- 6.** Reach into the Air Duct holes in the Wire Management Bracket and verify the Wire Harness is correctly positioned. Next, pull the Zip-Ties tight to secure the Wiring Harness. Use a pair of Wire Cutters to clip the Zip Tie tail.

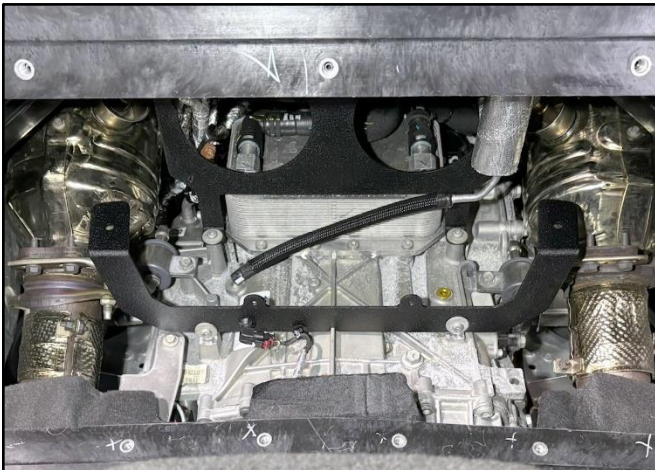
If reusing the Factory Push Pin Zip-Ties, you insert them into the corresponding holes at this time.

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Install Instructions**CORSA Air Intake**

- 7.** Locate the CORSA Mounting Bracket and the Trunk Temperature Sensor from Removal Step 20.

Press the Sensor into the hole that is circled. Ensure the 3 locking tabs are secured.



- 8.** Locate the Screws from Removal Step 9.

Using a T30 Driver, tighten the 2 Screws to secure the Mounting Bracket to the rear attachment points on the Transaxle.

Next, reconnect the Trunk Temperature Sensor Wire Harness and install the Push Pin Zip Tie.



- 9.** Locate the CORSA Carbon Fiber Air Boxes. Using a 4mm Allen (Hex) Driver or Wrench, remove the 4 Screws and Rubber Washers that secure the Carbon Fiber Lids to the Air Boxes.

Store the Lids and Hardware in a safe place. They will be used in Install Step 22.

Continued on Next Page...

Install Instructions**CORSA Air Intake**

- 10.** Locate the CORSA Air Box Insulation (Driver and Passenger sides). Determine which Insulation piece goes with which Air Box by comparing the shape to the recess on the Air Box bottom and back faces. The Silver side will face away from the Air Box.

Peel the protective cover from the adhesive side and apply the Insulation to the bottom of the Air Box. Carefully press the insulation over the radius of the Air Box. Press the Insulation into place and rub until it is firmly attached.

Repeat for the other side.



- 11.** Locate the Air Duct Seals. Press the Seal around the opening of each Air Box. Trimming with Wire Cutters or similar may be required to make a tight seam.

Remove any metal retainers that may become loose after cutting the Seals.



- 12.** Locate the Screws from Removal Step 24.

Using a 10mm Socket & Ratchet or Wrench, LOOSELY start the 2 Screws that secure the CORSA Carbon Fiber Air Box to the Air Inlet on Vehicle. The Air Boxes may need to move to assemble the CORSA Carbon Fiber Air Ducts.

DO NOT TIGHTEN AT THIS TIME.

Repeat this step for the other side.

Continued on Next Page...

Install Instructions**CORSA Air Intake**

- 13.** Locate CORSA Carbon Fiber Air Ducts with the MAF Sensors installed and the Factory Flex Connectors.

Align the Locating Tab on the Flex Connector with the Locating Gap on the Air Ducts and slide the Flex Connector over the Air Duct.

Repeat for the other Air Duct and Flex Connector.



- 14.** Using a 7mm Socket & Ratchet or Wrench, tighten the clamp securing the Flex Connector to the Air Duct.

Repeat for the other Air Duct and Flex Connector.



- 15.** Slide the Air Ducts through the openings on the Wire Management Bracket and push the Flex Connectors onto the Throttle Bodies. Make sure the wiring harness is not trapped and that the MAF Sensors pass through the openings correctly to not cause damage. Align the Air Ducts with the opening in the Air Boxes.

Once both Air Ducts are properly assembled, use a 10mm Socket & Ratchet or Wrench, to fully tighten the Screws that secure the Air Boxes.

Continued on Next Page...

Install Instructions

CORSA Air Intake



- 16.** Locate the CORSA DryTech 3D Filters. Before installing, make sure the Clamps are loose, and the Tightening Screws will be accessible after the Air Filters are installed.

To install the Filters, insert the small end first, then rotate into Air Boxes. The Air Duct may need to be pulled out of the Air Box to install the Air Filter. Be careful not to damage any pleats of the Air Filter. Once installed into the Air Box, insert the Air Duct into the Air Filter outlet.

DO NOT TIGHTEN THE CLAMPS AT THIS TIME.

For HTCs only

Close the Trunk and open the Engine Cover. The Coolant Tank will need to be moved again to complete this step.



- 17.** Locate and reconnect the Mass Air Flow (MAF) Sensor to the Wire Harness. Push the red clip on top of the Wire Connector to lock the connection.

Verify all wiring harnesses are routed properly, and all connections are secured.

Repeat this step for the other side.



- 18.** Using a 7mm Socket & Ratchet or Wrench, tighten the clamp securing the Flex Connector to the Throttle Body.

Repeat for the other Air Duct and Flex Connector.

Continued on Next Page...

Install Instructions**CORSA Air Intake**

For HTCs only,

Move the Coolant Tank back to its original position, close the Engine Cover and open the Trunk.

- 19.** Lower the windows or leave a door open. Locate the vehicle's battery in the Front Trunk and disconnect the negative battery terminal. Leave the Front Trunk Lid open.

This should reset the stock mass air flow data and help prevent CEL errors. Leave the battery disconnected for approximately 20 minutes to dissipate any stored energy.



- 20.** Using an 8mm Socket & Ratchet or Wrench, tighten the clamp on the Air Filter to the Air Duct.

Repeat for the other Air Filter and Air Duct.



- 21.** Locate the CORSA Logo Plaque and hardware. Using a 4mm Allen (Hex) Driver or Wrench, tighten the Screws with the Rubber Washer between the Screw Head and the Carbon Fiber.

Continued on Next Page...

Install Instructions**CORSA Air Intake**

- 22.** Locate the Air Box Lids and Hardware from Install Step 9.

For Coupes, use a 4mm Allen (Hex) Driver or Wrench to secure the Lids to the Air Boxes by tightening the 4 Screws and Rubber Washers.

Repeat for the other side.

For HTCs, use a 4mm Allen (Hex) Driver or Wrench to secure the Lids to the Air Boxes by tightening the 2 lower Screws and Rubber Washers.

The 2 upper screws require the Trunk to be closed and the Engine Cover to be open and accessed through the Engine Vent Opening. This must be completed before starting the Vehicle, but after the battery is reconnected. This will be completed after Install Step 27.



- 23.** Locate the Trunk Panel and the Screws from Removal Step 5.

Using a T15 Torx Driver, secure the screws to reinstall the Trunk Panel to the vehicle.

Continued on Next Page...

Install Instructions**CORSA Air Intake**

- 24.** Locate the Net Attachment Clip-Nuts and Trunk Carpet from Removal Steps 3 and 4.

Next, reinstall the Trunk Carpet by reversing Removal Step 3. Verify the Net Attachment Studs are sticking through the openings in the Carpet and tighten the Net Attachment Clip-Nuts.

**For Coupes Only**

- 25.** Locate the Roof Latches and Screws from Removal Step 1 and the Push Pin Fasteners from Removal Step 2.

Align the Trunk carpet so it properly lays around the Lower Roof Latches in the back of the Trunk. Install the 4 Push Pin Fasteners to secure the Trunk Carpet.

Next, using a T15 Torx Driver, reinstall the Screws to secure both Factory Roof Storage Latches.

- 26.** Reconnect the battery. This completes the installation on the Coupes. Please skip ahead to the bottom of Page 22 and read the “Before Road Testing” section.

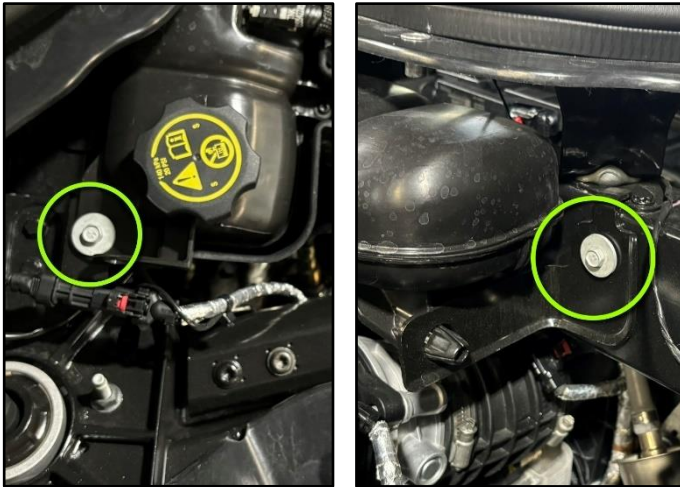
**For HTCs only:**

- 27.** Close the trunk and open the Engine Cover.

Reaching into the Engine Vent Opening and using a 4mm Allen (Hex) Driver or Wrench, secure the final 2 Upper Screws and Rubber Washers that secure the Lids to the Air Boxes.

Repeat for the other Air Box and Lid.

Continued on Next Page...

Install Instructions**CORSA Air Intake****For HTCs only:**

- 28.** Locate the Coolant Tank Brackets and Screws from Removal Step 12.

Reinstall the Coolant Tank by sliding the Tank over the mounting tab on the Cross Member, then align the Driver side bracket and loosely start the Screw. Next, on the Passenger side, align the bracket and tighten the screw using a 10 Socket & Ratchet or Wrench, tighten the screw. Finally, tighten the Driver side Screw.

For HTCs only:

- 29.** Locate the Engine Cover Panel and Screws from Removal Step 11

Using a T15 Torx Driver, loosely start all of the Screws to attach the Panel to the vehicle. Once all Screws are started, begin tightening until all Screws are tight and the Panel is secured.

This concludes the installation of your CORSA Air Intake

*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/or securing the parking brake.
- 2.** Make sure to look and listen for any unusual noises. 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.

DryTech 3D Filter Care and Cleaning

Depending on driving and environmental conditions, the DryTech 3D Filter may require cleaning. It is recommended to clean the DryTech 3D Filter at least two times a year. Also, if you experience a sudden decrease in mileage or engine performance, the filter may need to be cleaned or possibly replaced.

Quick Cleaning:

1. Remove the DryTech 3D Filter from the CORSA Air Intake and gently tap it on a hard surface to remove any loose dirt.
2. Vacuum the loosen debris from the DryTech 3D Filter.
3. Reinstall the DryTech 3D Filter into the CORSA Air Intake.

Deep Cleaning:

1. Remove the DryTech 3D Filter from the CORSA Air Intake and gently tap it on a hard surface to remove any loose dirt.
2. Vacuum the loosen debris from the DryTech 3D Filter.
3. Liberally spray the DryTech 3D Filter with Filter Cleaner/Degreaser and allow it to soak in for about 10 minutes. Avoid petroleum-based cleaners because they may destroy the sealing edges.
4. Rinse the DryTech 3D Filter with water from the inside to out to wash away the dirt. Never use high pressure nozzles or compressed air! They will tear and distort the filter media, which will require immediate replacement.
5. Allow the DryTech 3D Filter to completely air dry. Never apply heat or compressed air to dry the filter. Never reinstall a wet or damp filter.

DO NOT OIL!

Oiling your DryTech 3D Filter will ruin it and require immediate replacement.

Reference for Replacement Filters:



DryTech 3D Filter

P/N 5166D-2