



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

140 Blaze Industrial Pkwy, Berea, OH 44017 Toll Free: 1.800.486.0999 Fax: 440.891.1868 www.corsaperformance.com

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.

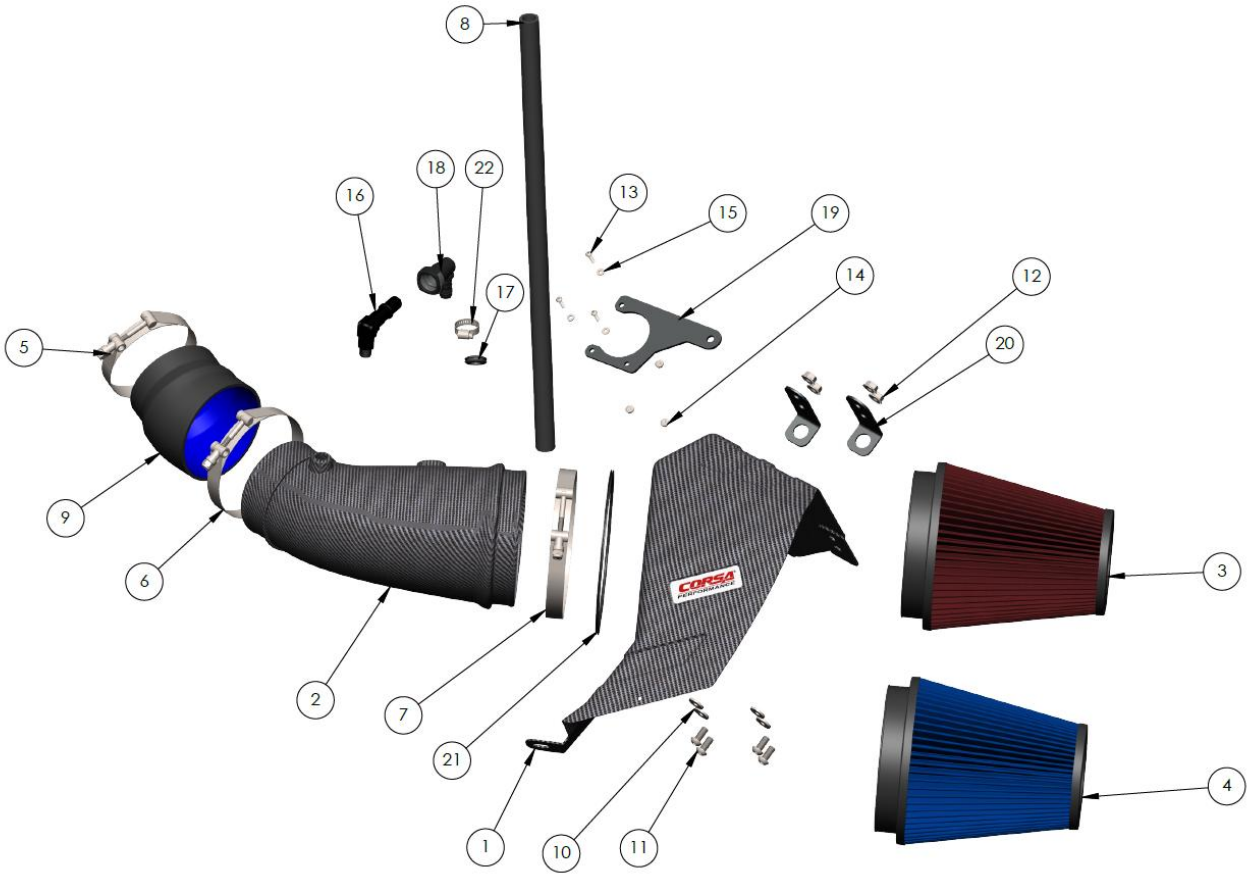
Recommended Tools & Supplies

- 7mm Socket & Ratchet or Wrench
- 10mm Socket & Ratchet or Wrench
- Knife, Wire Cutters, or Small Saw Blade
- 2.5mm Hex Driver
- Heat Gun or Lubricant
- 8mm Socket & Ratchet or Wrench
- 13mm Socket & Ratchet or Wrench
- Trim Removal Tool (or similar)
- 1/4in Socket & Ratchet or Wrench
- 5mm Hex Driver

INSTALL DIFFICULTY



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



Bill of Materials

1. CORSA Air Intake Shield (412249 or 412249MF)	2. CORSA Air Intake Duct (441312-1 or 441312MF-1)
3. DryTech Filter (5167D)	4. Oiled Filter (5167)
5. 4.375in T-Bolt Clamp (520438)	6. 5.0in T-Bolt Clamp (520500)
7. 6.50in T-Bolt Clamp (520650)	8. Hose – 5/8in x 22.0in Long (53005-22)
9. 4.0in to 4.5in Angled Reducer (53314)	10. M8 Washer (59020103) (Qty 4)
11. M8x14mm Button Head Screw (59025126) (Qty 4)	12. M8 Flange Nut (59025126) (Qty 4)
13. M4x16mm Button Head Screw (59025130) (Qty 3)	14. M8 Flange Nut (59025131) (Qty 3)
15. M4 Washer (59020133) (Qty 3)	16. Threaded 90° Male Quick Connect Elbow Fitting (59034163)
17. 1/2in ID Grommet (652126)	18. 90° Female Quick Connect to Barb (652197)
19. Solenoid Bracket (652243)	20. 90˚ Bracket (652245) (Qty 2)
21. Filter Trim x 24in (56008)	22. Worm Drive Clamp (52010)

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

Before starting any work on the vehicle, locate the vehicle's battery and disconnect the negative battery terminal.

This should reset the stock mass air flow data and help prevent CEL errors.

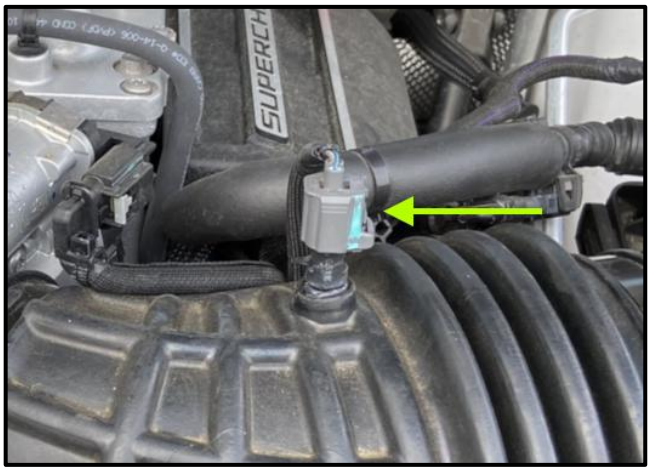
Removal Instructions — Factory Air Intake

The CORSA Air Intake replaces two different style Factory Intakes. If replacing a Factory Intake with a Solenoid (circled), follow the steps "With Solenoid". If the Factory Intake does not have a Solenoid, follow the steps "No Solenoid".



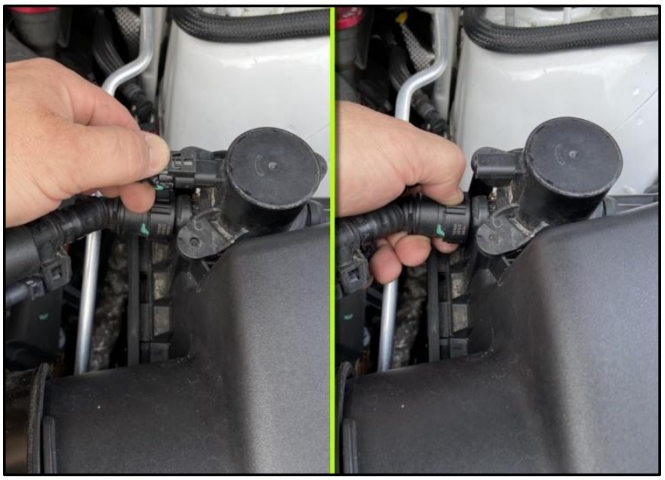
Continued on Next Page…

Removal Instructions — Factory Air Intake with Solenoid



With Solenoid

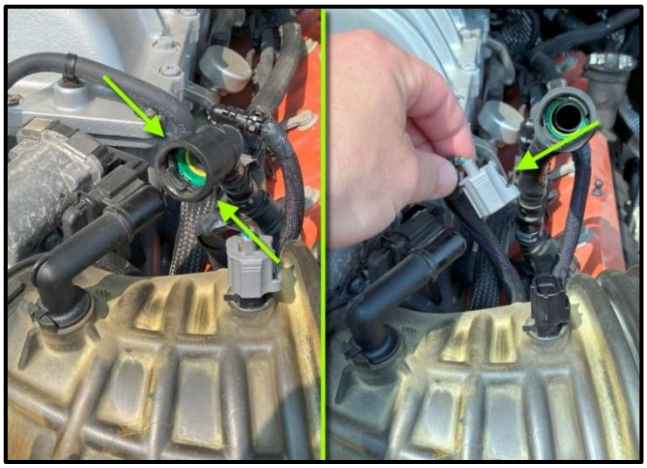
1. Disconnect the Air Temperature Sensor by squeezing the lock on the Grey Connector and pulling it up from the Sensor.



With Solenoid

2. Unplug the Electrical connection on the Solenoid by pulling the Locking Tab back while pulling on the Connector.

3. Unplug the Vent Tube by squeezing the tabs on the Quick Connect Fitting.



No Solenoid

4. Unplug the Vent Tube by squeezing the tabs on the Quick Connect Fitting.

5. Disconnect the Air Temperature Sensor by squeezing the lock on the Grey Connector and pulling it up from the Sensor

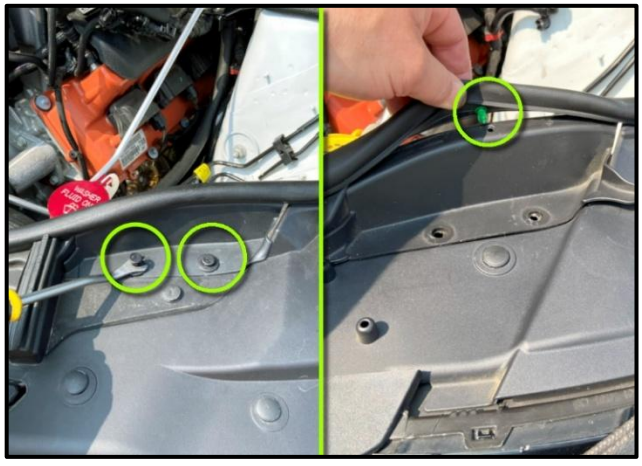
Continued on Next Page…



6. Using a 8mm Socket & Ratchet or Wrench, loosen the clamp on the Factory Duct at the Throttle Body. Then remove the Factory Duct and Airbox as one piece. Set these parts aside. Parts will be removed and reused starting in Removal Step 12 and in Install Steps 8.



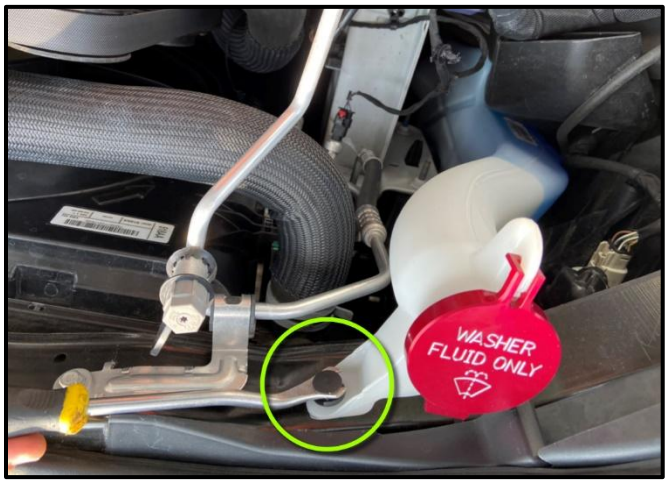
7. After removing the Factory Air Box, remove the Factory Mounting Bracket. This will not be reused.



8. Locate the Factory Air Inlet Block above the Driver side Headlight.

9. Use a Trim Removal Tool (or similar) to remove the 2 Push Rivets. Then, pull gently back the Hood Seal to show the Green Pin. Use the Trim Removal Tool (or similar) to separate the Hood Seal and Factory Air Inlet Block. The Factory Air Inlet Block will not be reused. Reinstall the 2 Push Rivets to close the holes.

Continued on Next Page…



10. Locate the Washer Fluid Reserviour. Use a Trim Removal Tool (or similar) to remove the Push Rivet and store it in a safe location. It will be reused in Installation Step 16.



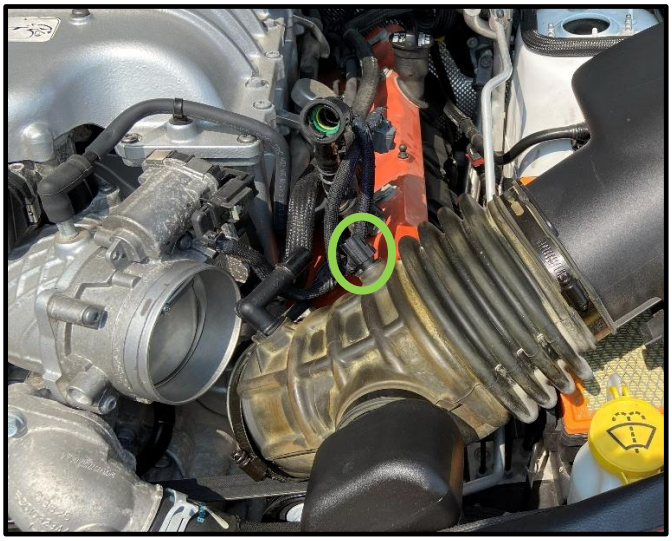
11. Gently push the Washer Fluid Reserviour toward the engine to reveal the Screw in front of it. Use a 10mm Socket & Ratchet or Wrench to remove the Screw and store it in a safe location. It will be reused in Installation Step 15.



12. Locate the Factory Air Box and flip it upside down.

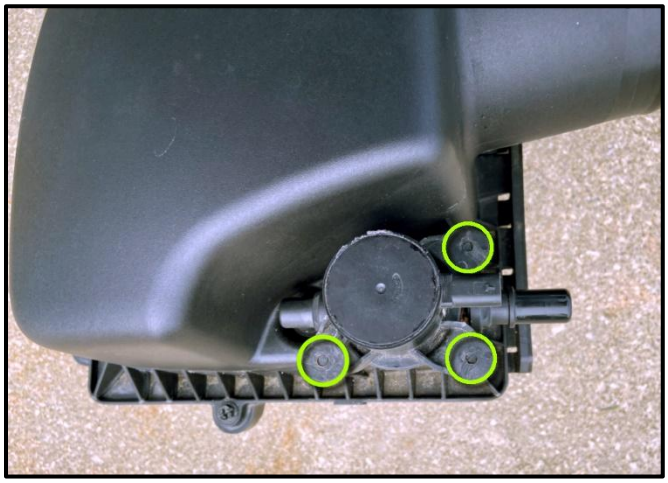
13. Remove two of the three Factory Grommets and and store them in a safe location. They will be reused in Installation Step 8.

Continued on Next Page…



14. Remove the air temperature sensor from the factory air duct.

**This concludes the removal of the Factory Intake for the No Solenoid style.
Skip to Install Step 6.**



With Solenoid

15. On the top of the Factory Air Box, locate the Solenoid. Using a Knife, Wire Cutters, or Small Saw Blade, carefully cut the heads off the 3 plastic rivets that attach the Solenoid to the Factory Intake Box.



With Solenoid

16. After the Rivet Heads are removed, lift the Solenoid from the Factory Air Box. The Factory Air Box will not be reused.

This concludes the removal of the Factory Intake for the With Solenoid style.



PROTIP

If installing the CORSA Carbon Fiber Intake on a vehicle that hood looks like above, before closing the hood the first time, pay extra attention to Install Step 13. The depth of the Heat Extractors with this style hood can vary greatly and could contact the Carbon Fiber Heat Shield if not followed and double checked.

Install Instructions — CORSA Air Intake



With Solenoid

1. Locate the CORSA Solenoid Bracket and assemble it to the Solenoid.



With Solenoid

2. Locate the M4 Hardware. Using a 7mm Socket & Ratchet or Wrench and 2.5mm Hex Driver, tighten the 3 sets of M4 Hardware. The Flange Nut goes on the Bracket Side and the Head of the Screw goes on the Solenoid side.



With Solenoid

3. Locate the 5/8 Hose. Either remove the O-ring or move it out of the groove and up toward the Solenoid Body. Next push the Hose over the 90deg fitting of the Solenoid until the edge of the Hose is over the upper ring. **NOTE:** A light lubricant or heat may be needed.

Continued on Next Page…



With Solenoid

4. Using a 13mm Socket & Ratchet or Wrench, remove the circled nut from the Strut tower. Keep the nut close. It will be used in the next step.



With Solenoid

5. Insert the hole in the Solenoid Bracket over the Strut Tower Stud and temporarily route the Hose as shown. Use a 13mm Socket & Ratchet or Wrench and tighten the Factory Strut Tower Nut to the factory specifications.



6. Locate the 4.0in to 4.5in Angled Reducer, 4.375in T-Bolt Clamp, 5.0in T-Bolt Clamp, and 1/2in ID Grommet. Assemble the 4.375in T-Bolt Clamp over the smaller end of the Angled Reducer and the 5.0in T-Bolt Clamp over the larger end. Place Angled Reducer and T-Bolt Clamps over the smaller end of the CORSA Air Intake Duct. Snug the 5.0in T-Bolt Clamp with a 10mm Socket & Ratchet or Wrench but do not fully tighten. Leave the 4.375in T-Bolt Clamp loose. Install 1/2in Grommet into Duct as shown.

Continued on Next Page…

Install Instructions — CORSA Air Intake



7. Locate the CORSA Carbon Fiber Heat Shield, two 90deg Brackets, and M8 Hardware. Use a 5mm Hex Driver and 13mm Socket & Ratchet or Wrench to tighten the Hardware.



8. Locate the Factory Grommets from Install Step 13 and insert the Grommets into the hole on the bottom of the Brackets as shown.



9. Locate the filter trim and install onto filter opening of the CORSA Carbon Fiber Heat Shield. Trimming the length may be required. Use a sharp knife and/or cutting pliers to trim the excess length.

Continued on Next Page…



10. Insert the air temperature sensor that was removed in Step 14, verify the tab is pointing in the direction of the air flow. **Note:** Lubricant may be needed to help installation.



11. Locate the CORSA Air Filter. Remove and discard the Worm-Drive Hose Clamp if included on the open end of the Filter.

    Assemble the Filter, Heat Shield and Duct, as shown. It is easier to set the Filter on the small end, then set the Heat Shield over the open end of the Filter. Next, insert the Duct into the open end of the Filter.



12. Locate 6.50in T-Bolt Clamp. Remove the Nut from the T-Bolt Clamp. Open the T-Bolt Clamp and wrap it around the open end of the Air Filter. Next, close the T-Bolt Clamp and thread the Nut back onto the stud of the T-Bolt Clamp. Snug the T-Bolt Clamp with a 10mm Socket & Ratchet or Wrench, securing the Duct and Filter.

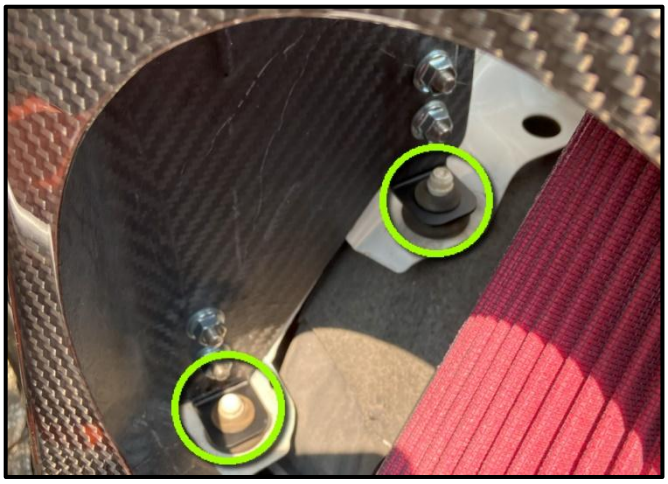
    Note: Clamp should be facing up. Do not fully tighten the T-Bolt Clamp at this time.

Continued on Next Page…

Install Instructions — CORSA Air Intake



13. Install the CORSA Duct, Filter, and Heat Shield assembly into the vehicle. Insert the Duct into the Angled Reducer first. Next, rotate the Heat Shield and Duct into position and align the Factory Grommets with the Mounting Studs on the Inner Fender area. Ensure the front tab of Heat Shield goes between the washer fluid reservoir and the upper core support.



14. Push the grommets onto the Mounting Studs until they are secured. The duct and filter are removed for clarity in the image. **Note:** A soap and water solution will help installation.



15. Locate the Screw from Removal Step 11. Align the Screw and Hole in the Heat Shield Mounting Tab with the threaded hole in the Vehicle. Using a 10mm Socket & Ratchet or Wrench, push down firmly on the Heat Shield so it is as low as it can be and tighten the screw.

Continued on Next Page…

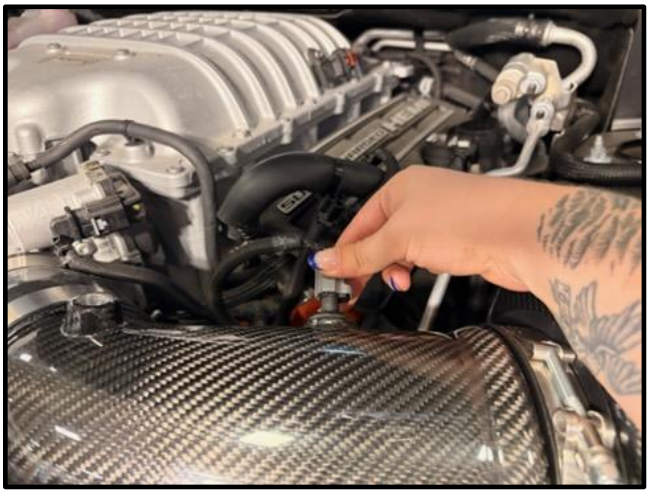
Install Instructions — CORSA Air Intake



16. Locate the Push Rivet for the Washer Fluid Reservoir, from Removal Step 10. Rotate the Washer Fluid Reservoir back into position and reinstall the Push Rivet.



17. On the Hood Seal, locate the Green Pin from Removal Step 9. Insert the Push Pin into the Hole in the Heat Shield.

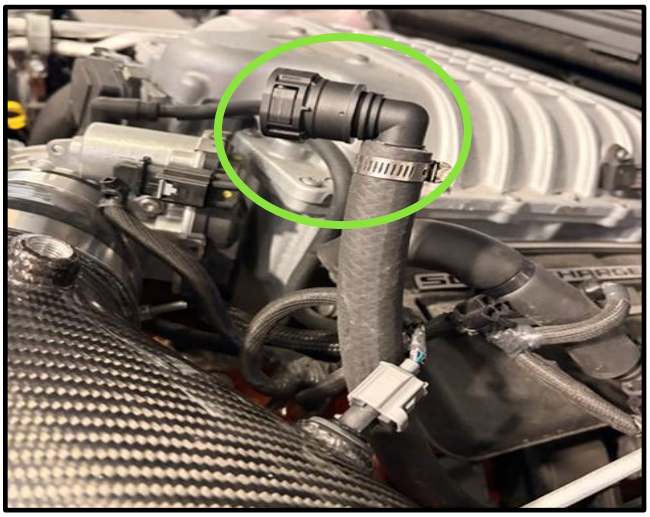


18. Reconnect the Air Temperature Sensor.

Continued on Next Page…

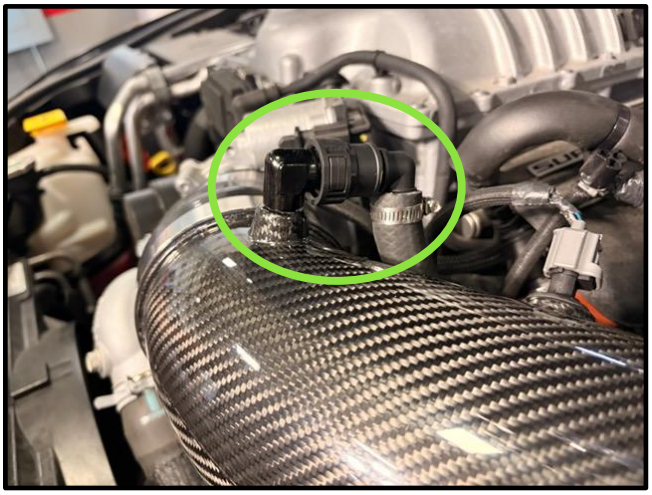
Install Instructions

CORSA Air Intake



With Solenoid

19. Locate the Hose installed in Install Step 5 and install Worm Drive Clamp and 90˚ Female Quick Connect Fitting. Do not fully tighten the clamp at this time.



With Solenoid

20. Install Threaded 90˚ Male Fitting into Corsa Intake Duct and connect Hose and Fitting from previous step into place until an audible click is heard.

Tighten the worm drive clamp from the previous step with a 1/4in Socket & Rachet or Wrench.



No Solenoid

21. Use the Factory Vent Hose to connect the Quick Connect Fitting on the Valve Cover and Threaded 90˚ Male Fitting into Corsa Intake Duct in the CORSA Air Duct. Audible clicks will be heard when fittings are fully seated in connectors.

Continued on Next Page…

Install Instructions — CORSA Air Intake



22. Use a 10mm Socket & Ratchet or Wrench to tighten all the T-Bolt Clamps.

23. Reconnect and tighten the negative battery terminal.

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.

Oiled Filter Care and Cleaning

The Oiled Filter needs to be periodically checked for dirt build-up. CORSA recommends cleaning the Oiled Filter at least two times a year or if you experience a sudden decrease in mileage or engine performance. A two-stage filter recharger kit with cleaner and oil is required.

Quick Cleaning:

1. Remove the Oiled Filter from the CORSA Air Intake. Next, gently tap the Oiled Filter on a hard surface to loosen any dirt build-up and then lightly brush off any loosened dirt.
2. Using Filter Oil, spray a thin coating to each pleat of the filter. Allow the oil to soak in for a minimum of 20 minutes. Some pleats may need touched-up with more oil, allow the Filter Oil to soak for another 20 minutes before reinstalling the Oiled Filter into the CORSA Air Intake.

Deep Cleaning:

1. Remove the Oiled Filter from the CORSA Air Intake. Next, gently tap the Oiled Filter on a hard surface to loosen any dirt build-up and then lightly brush off any loosened dirt.
2. Spray the Oiled 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.
3. Rinse the Oiled Filter with water from the inside to outside to wash away the dirt. Never use high pressure nozzles or compressed air. This may tear and/or distort the filter media and require immediate replacement.
4. Allow the Oiled Filter to completely dry. Never apply heat or compressed air to dry the filter. Never reinstall a wet or damp filter. The Oiled Filter must be completely dry before applying oil.
5. Using Filter Oil, spray a thin coating to each pleat of the filter. Allow the oil to soak in for a minimum of 20 minutes. Some pleats may need touched-up with more oil, allow the Filter Oil to soak for another 20 minutes before reinstalling the Oiled Filter into the CORSA Air Intake.

DryTech Filter Care and Cleaning

Depending on driving and environmental conditions, the DryTech Filter may require cleaning. It is recommended to clean the DryTech 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 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 Filter.
3. Reinstall the DryTech Filter into the CORSA Air Intake.

Deep Cleaning:

1. Remove the DryTech 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 Filter.
3. Liberally spray the DryTech 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 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 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 Filter will ruin it and require immediate replacement.

Reference for Replacement Filters:



Oiled Filter

P/N 5167



DryTech Filter

P/N 5167D