

13-19 DODGE RAM 5.7L

CORSA
PERFORMANCE



IMPORTANT! WARRANTY AND INSTALLATION INSTRUCTIONS

Please Forward All Information to 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**

COLOR INSTRUCTIONS ARE AVAILABLE BY PART NUMBER ON: CORSAPERFORMANCE.COM



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

INSTALL DIFFICULTY



RECOMMENDED TOOLS & SUPPLIES

- Flathead Screwdriver
- 8mm Socket
- 13mm Socket
- Ratchet
- Philips Screwdriver
- 10mm Socket
- Ratchet Extension
-

2013-2019 DODGE RAM 5.7L

Closed Box Air Intake

Part #: 46457, 46457D, 464576



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.

Full warranty available on www.corsaperformance.com

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

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



PREASSEMBLED MATERIALS

| 1. CORSA Air Box (412109) | | 2. CORSA Air Duct (441282) | | 3. CORSA Lid Assembly (652101) | |
|----------------------------|---|-------------------------------|---|--------------------------------|---|
| Filter Adapter (462160) | 1 | 1/2" Grommet (59035101) | 1 | Lid Screw (5900) | 4 |
| 6mm x 16mm Bolt (59012210) | 2 | 3/4" Grommet (59045104) | 1 | Rubber Washer (59025122) | 4 |
| 6mm Flat Washer (59020103) | 2 | 3/4" Elbow Fitting (59034144) | 1 | | |
| 6mm Lock Washer (59020114) | 2 | | | | |

FILTER OPTIONS

| 4. MaxFlow 5 Oiled Filter (5144) | 5. PowerCore Filter (61503) |
|----------------------------------|-----------------------------|
|----------------------------------|-----------------------------|

HARDWARE KIT

| | | | | | |
|-------------------------------|--------|----------------------------------|---|--------------------------------|-------|
| #56 Clamp (52056) | 2 | #64 Clamp (52064) | 2 | 3/4" Vacuum Hose (53006) | 21 in |
| Ø3.5" Straight Sleeve (53107) | 2.5 in | Ø4.0" Hump Hose (53206) | 1 | Small L Bracket (57198462-240) | 1 |
| Large L Bracket (5726847-240) | 1 | 6mm x 25mm Bolt (59012212) | 1 | Flat Washer (59020103) | 4 |
| Lock Washer (59020114) | 2 | 3/4" Straight Fitting (59034104) | 1 | 6mm Nut (59061210) | 2 |

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. Disconnect the ATS sensor harness from the sensor and remove it by twisting and pulling straight out.

NOTE: Pay attention to the direction of the sensor before removing.

NOTE: Save sensor for installation.



2. Loosen the clamps securing the factory air duct to the throttle body and factory air box using flathead screwdriver or ratchet with 8mm socket. Remove factory air duct from vehicle.



3. Disconnect factory breather hose from factory air box by pulling straight out.



4. Remove the factory air box by pulling the air box straight up and off of the grommet posts.

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REMOVAL INSTRUCTIONS

FACTORY INTAKE



- 5.** Remove the engine cover by pulling up the forward.



- 6.** Remove the breather hose from the driver's side vent and remove the elbow from the breather hose.

NOTE: Save the elbow for installation



- 7.** Remove the two 13mm air box mounting tray bolts securing the tray to the inner fender.

NOTE: Save bolts for installation.

This concludes the removal of the factory intake system.

INSTALLATION INSTRUCTIONS

CORSA INTAKE



- 1.** Locate the supplied $\frac{3}{4}$ " straight fitting and the factory breather hose elbow from removal step 6 and install the fitting into the factory elbow.



- 2.** Locate the supplied $\frac{3}{4}$ " x 21" breather hose and install onto straight fitting. Install factory breather elbow back onto driver's side vent.



- 3.** Locate the $\text{Ø}3.5$ "x2.5" straight sleeve and one #56 clamp and install the straight sleeve with clamp onto the throttle body. Snug clamp to hold straight sleeve in place, but do not fully tighten.



- 4.** Re-install engine cover.

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INSTALLATION INSTRUCTIONS

CORSA INTAKE



- 5.** Locate the longer L-bracket, one 6mmx25mm bolt, flat washer, lock washer, and 6mm nut and install bracket to front side of box closest to headlight.



- 6.** Locate one of the factory air box tray mounting bolts from removal step 7. Set CORSA air box into location and attach the bracket to the tray with factory bolt.



- 7.** Locate the shorter L-bracket, the remaining factory air box tray mounting bolt from removal step 7, 6mmx25mm bolt, flat washer, lock washer, and 6mm nut. Attach the L-bracket the factory tray with the factory bolt. Attach the bracket to the CORSA air box with the remaining hardware. Adjust the CORSA air box as necessary and tighten all bracket hardware with 13mm wrench for factory bolts and 10mm wrenches for CORSA hardware.



- 8.** Locate the Ø4.0" Hump Hose and one #64 clamp. Install the hump hose and clamp onto the filter adapter and snug clamp to hold hump hose in place. Do not fully tighten.

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INSTALLATION INSTRUCTIONS

CORSA INTAKE



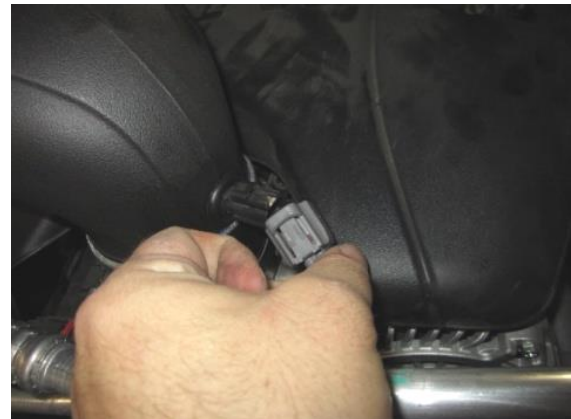
- 9.** Locate the ATS sensor from removal step 1 and the CORSA air duct and install the sensor into the 1/2" grommet on the air duct paying attention to the direction of the sensor.



- 10.** Locate the remaining #56 clamp and # 654 clamp. Slide the #64 clamp onto the hump hose and the #56 clamp onto the straight sleeve and install the CORSA air duct into the hump hose and straight sleeve. Adjust the air duct as necessary and fully tighten all four clamps using a flat head screwdriver or ratchet and 8mm socket.



- 11.** Attach the breather hose to the 3/4" elbow fitting in the air duct.



- 12.** Connect the ATS sensor wiring harness back onto the sensor.

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INSTALLATION INSTRUCTIONS

CORSA INTAKE



- 13.** Locate either the 5144 MaxFlow 5 Oiled Filter or 61503 PowerCore Filter and install into CORSA air box onto filter adapter and tighten clamp with a flathead screwdriver or ratchet with 8mm socket.
- 14.** Locate the CORSA lid assembly and 4 lid screws with rubber washers and install the lid onto the air box using a Philips head screwdriver. Connect the negative battery cable and check all connections.

This concludes 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.

MaxFlow 5 CARE AND CLEANING

Check the MaxFlow 5 cotton reusable 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.

Reference for Replacement Filters: MaxFlow 5 Filter Part # 5144, DryTech 3D Filter Part # 5144D, or PowerCore® Filter Part # 61503